

**THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA
CENTRAL STATISTICAL AGENCY**

AGRICULTURAL SAMPLE SURVEY

**2016 /17(2009 E.C.)
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**REPORT ON
FARM MANAGEMENT PRACTICES
(PRIVATE PEASANT HOLDINGS, MEHER SEASON)**



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STATISTICAL BULLETIN

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PART I:

INTRODUCTION AND OBJECTIVES OF THE SURVEY

1.1 INTRODUCTION

An increase in agricultural productivity is a prevailing motive for farmers and a driving force in Ethiopia's agricultural policy. The government is being utilized a considerable amount of resources to realize higher agricultural productivity and alter the state of agriculture in the country. The country's all human and material resources are rallied towards this end. Development agents, extension packages, and agricultural inputs are some of the resources that have been made available to farmers to change their style of farming and augment productivity.

One of the missions of the Central Statistical Agency (CSA) is to survey developments in agriculture and produce information about the changes taking place in it to data users to indicate whether the desired increase in agricultural productivity has materialized. Thus, to shed a ray of statistical information on agricultural productivity, the agency has been providing statistics on the extent of inputs applied area and quantity used. As part of the 2016/17 (2009 E.C) Agricultural Sample Survey, data on fertilizer, improved seed, irrigation and pesticide applied area and quantity of fertilizers and improved seeds used within the private peasant holdings was collected, processed and summarized.

The survey results presented in this bulletin and other electronic media for data users. The report comprises three parts. Part I contains the objectives of this annual survey, Part II deals with coverage of the survey, sample design, field organization and method of data collection and Part III includes summary of the results. Estimation procedures and formulation of estimates of totals and variance are presented in Appendix I. Estimates of the standard errors with the corresponding coefficients of variations for quantity of inputs used and inputs applied area are presented in Appendix II.

1.2. OBJECTIVES OF THE SURVEY

The general objective of CSA's Agricultural Sample Survey (AgSS) is to collect basic quantitative information on the country's agriculture that is essential for planning, policy formulation, food security, etc. The AgSS is composed of four components: Crop Production Forecast Survey, Meher Season Survey of which Farm Management Practice is a part, Livestock Survey and Belg Season Survey.

The specific objectives of Meher Season Survey (Farm Management Practice) are to estimate the total volume of inputs used, inputs applied area and number of holders using inputs. Companion reports are published separately with estimates of area and production of crops and land use area. This report on Farm Management Practice is based on the private peasant holdings in sedentary rural areas of the country. The data is disaggregated at regional and zonal levels.

PART II:

SURVEY METHODOLOGY, DATA COLLECTION AND PROCESSING

2.1. Scope and Coverage of the Survey

The range of data items that the 2016/17 (2009 E.C.) Annual Agricultural Sample Survey (Meher Season) dealt with includes all cereals, pulses and oilseeds and the most commonly grown vegetables, root crops and permanent (perennial) crops. Holders growing at least one or more of these and / or other crops enumerated and data on crop area and yield condition recorded, hence data on production of these crops acquired.

The 2016/17 (2009 E.C) Annual Agricultural Sample Survey (Meher season) covered the entire rural parts of the country except the non-sedentary population of three zones of Afar & six zones of Somali regions. To be covered by the survey, 2,247 Enumeration Areas (EAs) were selected. However, due to various reasons that are beyond control, in 24 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover **2,223** EAs (98.93%) throughout the regions. The Annual Agricultural Sample survey (Meher season) was conducted on the basis of 20 agricultural households selected from each EA. Regarding the ultimate sampling units, it was intended to cover a total of 44,940 agricultural households, however, 44,362 (98.71%) were actually covered by the survey.

2.2 Sampling Frame

The list containing EAs of all regions and their respective households obtained from the 1999 E.C cartographic census frame was used as the sampling frame in order to select the primary sampling units (EAs). Consequently, all sample EAs were selected from this frame based on the design proposed for the survey. The second stage sampling units, households, were selected from a fresh list of households that were prepared for each EA at the beginning of the survey.

2.3 Sample Design

In order to select the sample, a stratified two-stage cluster sample design was implemented. Enumeration areas (EAs) were taken to be the primary sampling units (PSUs) and the secondary sampling units (SSUs) were agricultural households. The sample size for the 2016/17 (2009 E.C.)

agricultural sample survey was determined by taking into account both the required level of precision for the most important estimates within each domain and the amount of resources allocated to the survey. In order to reduce non-sampling errors, manageability of the survey in terms of quality and operational control was also considered. All regions were taken to be the domain of estimation for which major findings of the survey are reported.

2.4 Selection Scheme

Enumeration areas from each stratum were selected systematically using probability proportional to size sampling technique; size being number of agricultural households. The sizes for EAs were obtained from the 2007 Population and Housing census frame. From the fresh list of households prepared at the beginning of the survey, 20 agricultural households within each sample EA were selected systematically. Estimation procedure of totals, ratios, sampling error and the measurement of precision of estimates (CV) are given in Appendix-I and II respectively. Distribution of sampling units (sampled and covered EAs and households) by stratum is also presented in Appendix-III.

2.5. Organization of Field Work

The conduct of a survey cannot be executed without the arrangement of fieldwork. In recognition of this, the organization of fieldwork has been entrusted to the Desks that liaises between the Head Office and the 24 Branch Statistical Offices spread across the regions. All Branch Offices took part in the survey execution especially in recruiting the enumerators, organizing the 2nd stage training, assigning the field staff to their sites of enumeration, supervising the data collection and retrieving completed questionnaires and submitting them to the Head Office for data processing. The Branch Offices were also responsible for administering the financial and logistic aspects of the survey within their areas of operation. A total of 2,365 enumerators, 753 field supervisors and 227 statisticians were involved in the data collection where on the average one supervisor was assigned to five enumeration areas for supervision of data collection. All the enumerators were supplied with the necessary survey equipment after the completion of the training to ensure the smooth operation of the survey. To facilitate the data collection activities, a total of 194 four-wheel drive vehicles were used.

2.6. Training of Field Staff

The execution of a survey and quality of data acquired from the survey highly depend on the type of training given to the enumerators and supervisors and the consequent understanding of the tasks to be performed and the standard procedures to be followed by the enumerators and supervisors in the survey undertaking. The quality and completeness of data are ensured when the training meets its objective of producing responsible and fervent enumerators and supervisors. In light of this point, the training was given to the field staff in two stages. The first stage training, which took place at Adama, the Oromia Regional State's capital, and lasted for 6 days targeted staff from the Head Office, statisticians and senior field supervisors from Branch Statistical Offices. The staff that took part in the first stage training was then assigned to conduct similar training for the enumerators and other supervisors for 18 days in all the twenty-four Branch Statistical Offices distributed across the country. In the training the field staff was given detailed classroom instruction on how to collect data, method of area measurement, interviewing procedures, etc. The training also included field practice to reinforce the understanding of concepts, definitions and theories discussed in the classroom with regard to field measurement, crop cutting, GPS reading and interviewing methods.

2.7. Method of Data Collection

The agricultural data for the year 2016/17 (2009 E.C.) was collected from sedentary rural peasant households by interviewing the selected agricultural holders and physically measuring their fields to obtain data on crop yields and other items of interest. The data obtained were recorded in various forms designed for this purpose. Instruments like measuring tape; compass, kitchen balance, scientific calculators, GPS (Oromiya region only) and others were used during data collection for a timely and smooth acquisition of accurate data. The procedures for measuring area under crop and area of non - crop fields operated by the holders were performed for the 20 selected households from each sampled EA. using measuring tapes, compasses as well as GPS.

2.8. Data Processing

2.8.1. Editing, Coding and Verification

Statistical data editing plays an important role in ensuring the quality of the collected survey data. It minimizes the effects of errors introduced while collecting data in the field, hence the need for

data editing, coding and verification. Although coding and editing are done by the enumerators and supervisors in the field, respectively, verification of this task is done at the Head Office. Editing, coding and verification instruction manual was prepared and reproduced for this purpose. Then 76 editors-coders and verifiers were trained for two days in editing, coding and verification using the aforementioned manual as a reference and teaching aid. The completed questionnaires were edited, coded and later verified on a 100% basis before the questionnaires were passed over to the data entry unit. The editing, coding and verification exercise of all questionnaires took 15 days.

2.8.2. Data Entry, Cleaning and Tabulation

Before data entry, the Agriculture, Natural Resources and Environment Statistics Directorate of the CSA prepared edit specification for the survey for use on personal computers for data consistency checking purposes. The data on the edited and coded questionnaires were then entered into personal computers. The data were then checked and cleaned using the edit specifications prepared earlier for this purpose. The data entry operation involved about 75 data encoders, 8 data encoder supervisors, 12 data cleaning operators and 55 personal computers. The data entered into the computers using the entry module of the CSPRO (Census and Survey Processing System) software, which is a software package developed by the United States Bureau of the Census. Following the data entry operations, the data was further reviewed for data inconsistencies, missing data ... etc. by the regular professional staff from Agriculture, Natural Resources and Environment Statistics Directorate. The final stage of the data processing was to summarizing the cleaned data and produce statistical tables that present the results of the survey using the tabulation component of the PC based CSPRO software produced by professional staff from Agriculture, Natural Resources and Environment Statistics Directorate.

2.9. Concepts and Definitions

Data items of agriculture have to be distinctly defined and identified, so that the information about the items becomes useful. The correct way of stating data items and related terms is a prerequisite for making standards and definitions for the collection and compilation of agricultural data. The purpose of using standard concepts and definitions is not only to provide quality data but also to ensure that the right items are enumerated and measured accurately to reflect the agricultural situation. Standard concepts and definitions used in the survey help to maintain consistent

enumeration and measurement of variables of interest. To achieve this, CSA communicates concepts and definitions to the field staff through training and instruction manuals. The concepts and definitions used in the survey included the following.

Enumeration Area (E.A): - an enumeration area in the rural parts of the country is a locality that is in most of the cases less than and only in some cases equal to a farmers' association in geographical area and usually consists of 150-200 households

Household: - a household may be either:

- a) A one person household, that is a person who makes provisions for his own living with out combining with any other person to form part of a multi- person household or
- b) A multi-person household, that is, a group of two or more persons who live together and make common provisions for food and other essentials of living. The persons in the group may pool their incomes and have a common budget to a greater or lesser extent. They may be related or unrelated persons or a combination of both. These persons are taken as members of the household.

Agriculture: - The growing of crops and/or raising of animals for own consumption and /or sale.

Agricultural Household: - a household is considered an agricultural household when at least one member of the household is engaged in growing crops and/or raising livestock in private or in combination with others.

Holding: - a holding is all the land and /or livestock kept, which is used wholly or partly for agricultural production and is operated as one legal entity by one person alone, or with others with out regard to management, organization, size or location.

Holder: - a holder is a person who exercises management control over the operation of the agricultural holding and makes the major decision regarding the utilization of the available resources. He/she has primary technical and economic responsibility for the holding. He/she may operate the holding directly as an owner or a manager. Under conditions of traditional agricultural holding the holder may be regarded as the person, who with or with out the help of others, operates land and/or raises livestock in his/ her own right, i.e. the person who decides on which, where,

when, and how to grow crops or raise livestock or both and has the right to determine the utilization of the products.

Parcel: - a parcel of holding is any piece of land entirely surrounded by land and/or water and/or road and/or forest etc. which is not part of the holding. It may consist of one or more cadastral units, plots or fields adjacent to each other.

Field: - a field is defined as any plot of land which is a parcel or part of a parcel under the same or mixed crops or any other form of private holding.

Crop: includes cereals, pulses, oilseeds, vegetables, root crops, fruits coffee, Enset, Chat, hops, sugarcane, cotton, tobacco, etc produced for food, making drinks, stimulation and making fabrics or clothing.

Crop production: - the process of growing and harvesting of the above crops for own consumption and/or sale.

Temporary/Annual Crops: - Annual/temporary crops are crops, which are grown in less than a year's time, sometimes only a few months with an objective to sow or replant again for additional production following the current harvest. Continuously grown crops planted in rotation are also considered as temporary crops since each is harvested and destroyed by ploughing in preparation for each successive crop.

Permanent Crops: - Crops, which are grown and occupy land for a long period of time, not requiring replanting for several years after each harvest, are considered as permanent crops. All fruit trees (i.e. oranges, mandarin, bananas, etc) and trees for beverages (i.e. coffee, tea, Gesho, etc) are considered permanent crops but meadows and pastures are excluded.

Meher (Main) Season Crop: -any temporary crop harvested between Meskerm (September) and Yekatit (February) is considered as Meher season crop.

Belg Season Crop: - any temporary crop harvested between Megabit (March) and Pagume (August) is considered to be Belg Season Crop.

Fertilizer: – refers to anything that is added to the soil and intended to increase the amount of plant nutrients available for crop growth. In this survey data is elicited on two types of fertilizers (Natural and Chemical). The Natural fertilizer consists of the farm yard manure and wood ashes while the chemical type consists of DAP (Di- Ammonium phosphate) and UREA (Ammonium Nitrate).

Improved seed- is crop variety, which gives a significantly higher yield, and better quality compared to locally produced variety of seeds.

Pesticides – are chemicals that are useful for the control, mitigation or elimination of pests, which are detrimental to crops. Pesticides include insecticides and herbicides.

Irrigation: - refers to the practice where an area of land is purposely and actually provided with water, other than by rain to improve/increase production of crops. The uncontrolled flooding of land by the overflow of rivers or streams is not considered to be irrigation.

Note:-

- 1.If in some tables figures do not add up to total it is due to rounding
- 2.Those figures designated by “*” in all tables could not be reported because of high coefficient of variation (i.e. they are less reliable). However, they are consolidated in the total estimates.
- 3.In all tables “-” indicates not reported.

PART III:

SUMMARY OF SURVEY RESULTS

By and large, agriculture in Ethiopia is subsistence. This is particularly true to the major food crops grown in the country and covered in the survey. The major food crops are produced in almost all regions of the country in spite of the variation in volume of production across the regions. The variation may be attributed to the extent of area devoted to each crop type, weather change, use of inputs, farm practice and a shift in preference for the crops grown. The items on which data is collected are the ones that are practiced by the peasant holders. The items shown in the statistical tables are fertilizers, improved seeds, pesticides and irrigation. The quantity of fertilizers and improved seeds used and the area they are applied to including pesticides and irrigation are also indicated in the statistical tables.

3.1. Fertilizer

Fertilizer is one of the major agricultural inputs that increase productivity. The application of fertilizer to crop fields in Ethiopia is gathering momentum. The volume of fertilizer used and the extent of area it covers are shown in Table 1. The total volume of fertilizer applied to area under crops is estimated to be more than 11 million quintals and the extent of area to which fertilizer was applied is estimated about 8.5 million hectares. Of all the quantity of fertilizers used 2.7 million quintals was Urea & DAP, 6 million quintal was that of NPS & Urea, about 1.6 million quintal was NPS, 719 thousand quintal was DAP, and about 282 thousand quintals was Urea. Most of the fertilizer used was applied to cereal crops (about 9.7 million quintal) of which teff accounted 3 million quintals, Wheat 2.4 million quintals and Maize 2.8 million quintals. The largest area to which fertilizer was applied was that of teff (2.4 million hectares) followed by Maize (1.6 thousand hectares) and wheat (nearly 1.5 million hectares) crops.

3.2. Improved Seed

Improved seeds are another input that contributes to an increase in agricultural productivity. Their application is also noticeable as more and more peasant holders aspire to have increased volume of crop production. Table 1 sheds some light on the use of improved seeds in the country. The total volume of improved seeds used in 2016/17 (2009 E.C) was estimated about 690,142 quintals. The

crop area it was applied estimated 1.4 million hectares. The larger volumes of improved seeds used were that of wheat and maize which amounted 308 thousand and 305 thousand quintals, respectively. The largest area to which improved seeds applied was under maize and wheat estimated about 1.1 thousand hectars and 165 thousand hectares, respectively.

3.3. Pesticides

At times when rampant pests and weeds damage crops, the use of pesticides is indispensable. In areas where crop damage caused by pests and weeds was reported the application of pesticides is more evident in the survey results. The total pesticide applied area was estimated more than 3.6 million hectares as indicated in Table 1. The number of holders who applied it was about 5.6 million. Most of the crop area to which pesticide was applied was under teff (1.5 million hectares) and wheat (945 thousand hectares).

3.4. Irrigation

Irrigation enables to increase the frequency of crop production and alleviates water shortage caused by poor rains /dry seasons. The use of extensive irrigation is an idea fanned by many agricultural experts in the wake of the recurrent drought and famine. The survey results show that the practice of irrigation in the country has a long way to go to bring about the desired change as shown in Table 1. The total irrigated crop area in the country within the private peasant holdings was estimated around 195 thousand hectares. The farmers who practice irrigation were estimated 2.1 million. Most of the area irrigated was under maize, sorghum and teff estimated 28, 943 hecatres for Maize, 15,106 hecatres for sorghum and 10269 hectares for *teff*.

3.5. Extention Package

The number of holders participating in various crop extension packages was estimated to be graeter than 8.4 million. Most of the area under the extension program was reported to be under maize, *teff* and wheat estimated to be more than 1.2 million hectars, 1 million hectars and more than 822 thousand hectares, respectively, as shown in Table 1. The extension package embraced about 4.7 million maize growers, about 2.6 million teff growers and about 2.3 wheat growers. Credit and advisory services users numbered about 3.2 million and 12.7 million holders, respectively, as shown in Table 4.

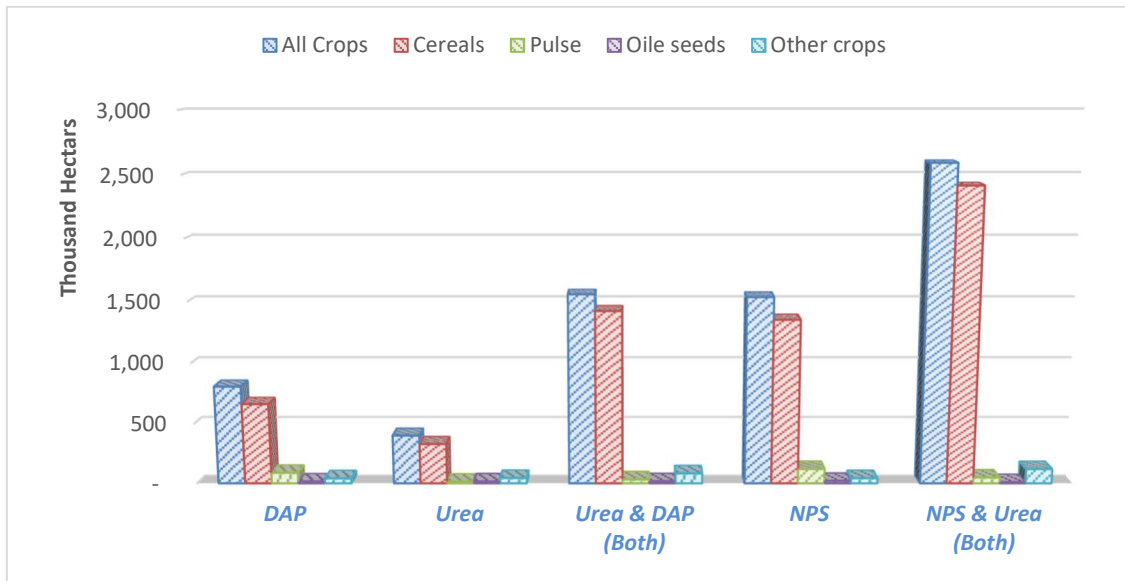


Figure 1: Area of inorganically fertilized land by type of chemical fertilizer and crop category, Main season 2016/17

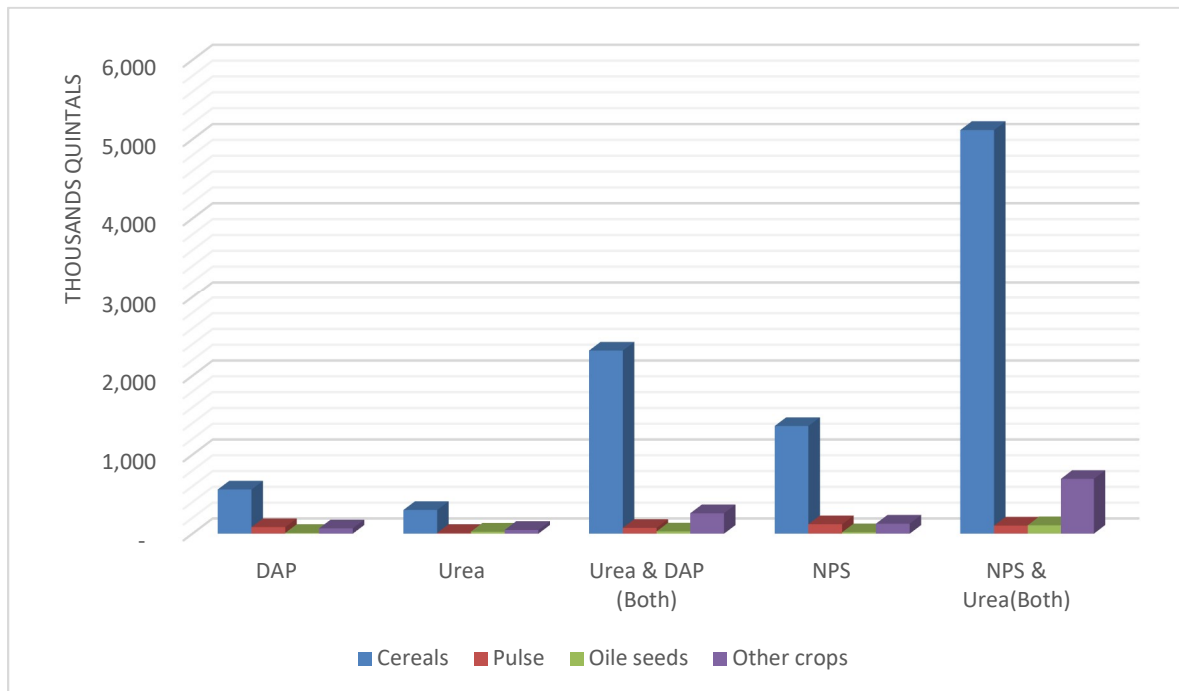


Figure 2: Quantity of inorganic fertilizer by type and crop category, Main season 2016/17

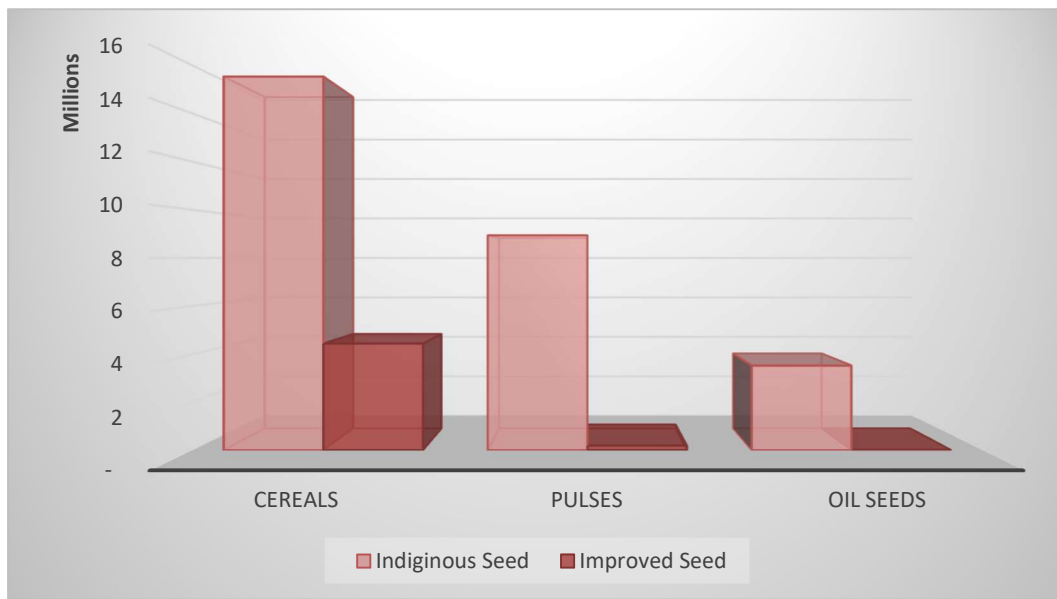


Figure 3: *Number of holders by seed type & Grain crop category, Main Season 2016/17*

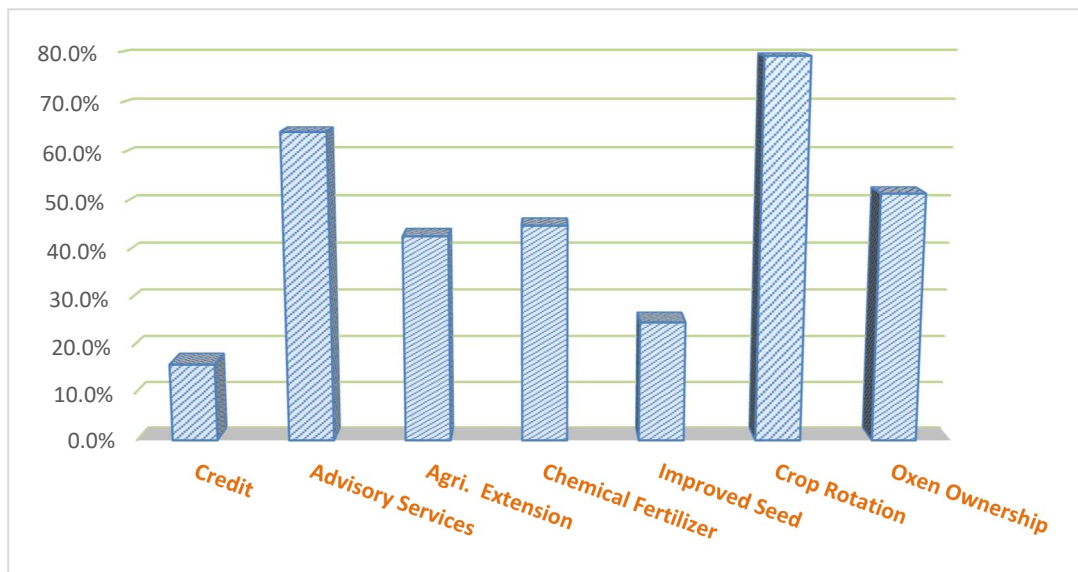


Figure 4: *Percentage distribution of holders by agricultural services/practices, Main season 2016/17*

PART IV:

STATISTICAL TABLES

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Ethiopia

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	14,708,62	8,473,26	11,431,60	11,889,55	1,587,99	2,494,09	806,34	719,43
Cereals	10,219,44	6,918,31	9,659,539	5,426,259	740,956	1,786,38	662,24	559,62
<i>Teff</i>	3,017,914	2,427,29	3,038,309	348,409	59,639	704,792	223,74	169,67
<i>Barley</i>	959,273	599,320	621,114	892,139	98,886	373,817	79,417	68,699
<i>Wheat</i>	1,696,083	1,463,36	2,442,762	492,248	43,049	429,818	150,63	150,26
<i>Maize</i>	2,135,572	1,614,23	2,835,584	4,115,877	311,486	619,052	98,683	93,440
<i>Sorghum</i>	1,881,971	451,956	383,217	1,351,260	207,336	235,613	52,720	36,915
<i>Finger millet</i>	456,172	316,131	291,160	132,006	16,462	156,481	50,250	35,237
<i>Oats/'Aja'</i>	24,041	11,177	9,620	34,779	1,292	26,469	4,279	3,513
<i>Rice</i>	48,418	34,831	37,773	*	*	9,050	2,523	1,874
Pulse	1,549,912	420,788	388,172	2,268,041	118,330	892,610	88,320	82,892
<i>Horse/Faba</i>	427,697	168,877	131,092	878,235	58,424	265,832	29,692	27,876
<i>Field peas</i>	212,531	70,422	62,606	214,949	14,487	95,835	14,296	12,110
<i>White</i>	78,910	17,777	22,966	320,929	7,994	31,567	1,864	3,866
<i>Red Haricot</i>	211,292	87,204	106,560	803,866	20,277	486,167	30,583	31,347
<i>Chick peas</i>	225,608	17,772	14,399	87,784	6,418	38,683	3,320	2,197
<i>Lentils</i>	113,685	31,238	27,556	50,045	2,174	29,706	3,817	2,169
<i>Vetch/Grass</i>	151,269	5,668	3,447	39,549	3,167	*	*	*
<i>Soya beans</i>	36,636	4,304	4,198	9,412	214	10,879	3,258	1,737
<i>Fenugreek</i>	34,603	11,461	11,371	209,667	2,297	20,080	*	864
<i>Mung</i>	37,774	5,040	1,889	15,382	2,706	3,252	*	*
<i>Gibto</i>	19,908	1,024	2,088	*	*	*	*	*
Oil Seeds	804,752	104,740	188,803	644,189	31,820	120,813	14,301	9,697
<i>Nueg</i>	281,206	23,859	7,459	34,434	7,568	6,788	*	316
<i>Linseed</i>	80,354	10,529	7,802	101,343	2,748	26,052	1,213	1,311
<i>Ground nuts</i>	74,861	11,172	*	80,146	6,257	33,831	1,539	*
<i>Safflower</i>	6,738	2,533	12,664	32,146	496	3,764	*	*
<i>Sesame</i>	337,927	39,220	16,679	92,217	8,975	19,859	8,505	3,397
<i>Rapeseed</i>	23,666	17,428	107,554	342,190	5,776	36,236	1,063	1,303
Vegetables	239,610	191,617	547,931	4,560,926	44,734	238,736	11,027	13,841
<i>Lettuce</i>	117	102	*	23,433	44	*	*	*
<i>Head</i>	6,189	5,081	10,623	236,761	1,510	8,865	*	*
<i>Ethiopian</i>	36,090	26,842	12,990	2,861,862	24,384	66,477	918	1,103
<i>Tomatoes</i>	6,299	2,757	5,247	136,762	1,042	8,981	*	544
<i>Green</i>	9,832	5,760	8,764	1,039,115	3,708	36,333	456	691
<i>Red papers</i>	180,701	150,861	510,021	1,031,454	13,856	125,605	8,912	11,206
<i>Swiss chard</i>	381	213	*	85,847	191	1,332	*	*
Root Crops	229,079	153,557	245,893	3,381,342	67,547	220,476	7,747	10,032
<i>Beet root</i>	2,886	1,719	1,318	266,476	1,024	2,533	*	*
<i>Carrot</i>	2,578	1,907	2,406	77,290	518	*	*	*
<i>Onion</i>	33,603	25,918	81,798	341,762	2,371	25,355	745	896
<i>Potatoes</i>	66,923	58,481	118,861	411,015	9,923	95,198	5,101	5,658
<i>Yam</i>	5,603	3,570	*	300,776	3,368	*	*	*
<i>Garlic</i>	15,381	11,480	26,108	948,901	4,678	35,829	500	698
	48,087	24,772	2,727	1,246,629	23,465	12,801	193	242
<i>Sweet</i>	54,017	25,711	12,206	885,814	22,200	59,742	1,073	2,391
Other	99,349	46,784	102,763	2,441,419	22,140	83,892	3,734	3,913
Fruit Crops	107,891	36,284		2,728,514	33,013			
<i>Avocado</i>	17,835	8,189		1,048,611	7,915			
<i>Bananas</i>	63,213	21,276		1,671,502	19,113			
<i>Guava</i>	3,249	579		157,395	459			
<i>Lemons</i>	1,426	380		92,862	319			
<i>Mangos</i>	15,414	3,466		572,063	3,072			
<i>Oranges</i>	2,620	1,028		258,335	967			
<i>Papayas</i>	3,489	1,194		352,330	997			
<i>Pineapples</i>	645	172		22,402	172			
Stimulant	987,243	284,177		5,344,804	219,296			
<i>Chat</i>	255,402	128,386		1,988,422	78,133			
<i>Coffee</i>	700,475	138,355		3,346,648	127,780			
	31,367	17,436		1,346,932	13,383			
Enset	417,617	299,613		4,642,057	296,783			
Sugar Cane	31,237	11,882		697,543	8,969			
Other	22,496	5,508		1,374,267	4,403			

(Table 1: cont'd.)

Ethiopia, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	1,780,098	401,470	382,070	3,383,340	1,553,382	2,679,969	2,750,725	1,532,404	1,629,082
Cereals	1,335,634	330,328	299,858	3,175,838	1,420,520	2,319,177	2,432,032	1,349,490	1,363,820
Teff	417,700	126,140	70,350	1,383,266	537,912	682,457	1,161,681	524,326	453,232
Barley	102,137	13,329	9,056	574,571	111,768	174,377	539,088	182,278	194,990
Wheat	183,591	27,025	21,144	1,123,608	326,521	586,864	729,156	345,378	405,012
Maize	604,400	66,686	84,968	1,487,722	298,521	638,690	695,902	139,559	148,872
Sorghum	312,971	57,137	90,391	465,064	80,309	159,303	110,427	19,810	25,924
Finger millet	132,742	25,314	13,309	259,155	59,573	69,889	328,595	129,925	126,955
Oats/'Aja'	12,523	*	370	19,731	1,360	1,725	25,944	3,517	3,163
Rice	42,664	14,535	*	17,671	4,556	5,872	*	*	*
Pulse	153,791	12,397	9,077	486,696	32,486	73,298	712,718	120,548	119,975
Horse/Faba beans	37,591	2,396	1,686	142,407	9,372	16,474	404,981	57,085	58,836
Field peas	12,404	677	448	62,377	4,673	6,736	199,639	29,504	27,256
White Haricot beans	11,449	1,212	776	43,838	*	11,678	19,803	4,082	*
Red Haricot beans	45,071	1,451	1,894	198,543	9,843	24,358	117,763	14,839	17,058
Chick peas	9,776	1,038	533	29,861	3,431	6,707	5,450	*	*
Lentils	23,250	3,392	1,819	24,849	1,699	2,184	52,953	8,004	6,714
Vetch/Grass peas	*	*	*	*	*	*	11,550	*	*
Soya beans	*	*	*	3,244	161	*	*	*	*
Fenugreek	26,375	956	*	33,026	1,132	2,495	35,596	3,493	2,395
Mung bean/'Masho'	4,287	*	*	1,650	*	*	*	*	*
Gibto	*	*	*	*	*	*	8,794	538	944
Oil Seeds	134,704	14,433	*	140,198	16,406	28,528	135,061	19,337	18,122
Nueg	8,365	*	250	13,482	*	1,055	29,160	11,739	3,278
Linseed	13,449	*	388	26,319	*	1,533	23,495	4,122	2,383
Ground nuts	*	*	*	*	512	*	*	*	*
Safflower	5,309	466	393	8,522	*	*	9,840	*	2,251
Sesame	25,547	9,425	2,492	20,123	10,981	7,450	5,314	367	*
Rapeseed	30,932	756	675	54,802	1,983	6,280	65,921	2,510	8,127
Vegetables	345,657	16,645	12,207	358,805	31,361	81,667	172,610	6,621	39,363
Lettuce	2,615	6	6	*	*	*	-	-	-
Head Cabbage	14,177	178	171	13,607	504	1,054	19,594	1,317	*
Ethiopian Cabbage	26,346	228	201	49,847	894	*	27,097	188	1,003
Tomatoes	8,814	155	98	14,829	572	*	*	11	*
Green peppers	39,264	351	*	37,049	457	1,883	20,296	103	374
Red papers	268,586	15,722	11,011	265,515	28,914	73,877	114,771	5,000	34,774
Swiss chard	4,086	*	*	*	*	*	*	*	*
Root Crops	216,803	6,341	8,623	302,732	19,686	54,525	302,840	27,164	56,263
Beet root	10,964	*	*	6,324	*	*	9,106	221	429
Carrot	6,689	146	126	5,305	*	214	*	*	*
Onion	46,530	1,901	1,771	57,036	4,847	13,697	33,476	5,690	8,116
Potatoes	45,375	2,043	3,339	123,236	12,083	29,510	172,607	18,202	42,640
Yam	-	-	-	*	*	*	-	-	-
Garlic	81,095	637	760	80,193	1,758	4,487	63,804	1,612	3,131
Taro/'Godere'	17,915	650	579	11,046	232	635	6,718	118	231
Sweet potatoes	33,420	850	1,807	37,887	248	*	24,740	683	1,154
Other Temporary	97,357	2,737	2,512	156,532	9,164	31,385	65,032	*	7,269
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Ethiopia 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	4,200,003	2,591,672	6,021,045	19,604,952	13,291,161	9,646,641	4,950,711	1,417,458	690,142
Cereals	4,044,624	2,414,770	5,117,063	15,515,463	8,855,232	7,641,111	4,449,621	1,364,212	671,475
Teff	1,857,432	955,534	1,662,594	6,839,504	2,929,721	1,422,830	301,999	88,194	30,352
Barley	525,593	113,642	173,991	4,140,443	944,587	1,663,607	58,300	14,687	25,686
Wheat	1,523,433	570,763	1,279,477	4,537,309	1,531,015	3,122,610	770,964	165,067	307,525
Maize	2,192,572	699,300	1,869,613	8,477,492	1,045,673	551,716	3,692,799	1,089,899	305,223
Sorghum	173,214	34,644	70,684	5,976,951	1,876,689	560,214	23,981	5,282	1,669
Finger millet	139,900	34,608	45,769	1,732,710	455,516	202,604	3,362	656	*
Oats/'Aja'	8,501	567	849	222,738	24,041	38,786	-	-	-
Rice	29,607	5,712	14,085	147,722	47,990	78,744	*	428	727
Pulse	404,674	48,707	102,930	8,934,402	1,535,055	1,766,151	192,605	14,856	17,980
Horse/Faba beans	142,964	11,909	26,219	3,551,076	425,393	605,428	17,917	2,304	3,537
Field peas	74,983	6,785	16,057	1,636,763	212,268	239,137	*	*	*
White Haricot	8,865	1,157	2,255	1,033,626	77,680	87,397	12,550	1,230	865
Red Haricot beans	121,869	10,212	31,904	2,796,471	205,848	195,977	129,117	5,444	6,091
Chick peas	13,329	*	*	1,128,301	222,201	244,951	20,281	3,407	6,097
Lentils	60,708	12,152	14,670	794,037	112,263	98,515	5,046	1,422	*
Vetch/Grass peas	6,373	602	*	867,880	151,269	200,926	-	-	-
Soya beans	*	*	*	127,448	36,330	46,249	*	*	*
Fenugreek	37,538	2,771	4,127	711,529	34,603	22,676	*	-	*
Mung bean/'Masho'	*	*	*	179,388	37,293	14,999	4,725	*	*
Gibbo	3,352	93	827	121,127	19,908	9,898	-	-	-
Oil Seeds	212,936	8,442	106,800	3,537,285	799,529	239,379	11,541	5,223	687
Nueg	8,770	924	2,560	948,833	281,206	50,227	-	-	-
Linseed	11,584	702	*	884,981	80,041	46,561	*	*	*
Ground nuts	*	*	*	535,708	74,858	86,754	*	*	*
Safflower	19,084	500	8,921	189,307	6,735	*	*	*	*
Sesame	4,076	*	*	752,742	333,080	41,512	5,597	4,847	370
Rapeseed	168,016	5,340	91,169	861,674	23,609	12,032	*	*	*
Vegetables	585,613	81,229	400,853	8,028,500	236,034	-	79,552	3,576	-
Lettuce	*	*	*	45,079	111	-	*	*	-
Head Cabbage	22,048	1,249	6,047	433,663	4,679	-	37,730	1,510	-
Ethiopian Cabbage	35,419	230	8,053	4,127,164	36,066	-	4,172	24	-
Tomatoes	7,007	*	2,400	309,942	5,134	-	13,907	1,165	-
Green peppers	31,821	*	*	1,818,889	9,779	-	8,474	*	-
Red papers	512,707	78,458	379,154	2,972,662	179,919	-	10,526	782	-
Swiss chard	2,299	*	*	123,751	345	-	12,832	*	-
Root Crops	370,514	25,073	116,450	6,766,760	226,744	-	113,330	2,335	-
Beet root	8,861	81	315	429,461	2,715	-	23,250	171	-
Carrot	9,696	*	1,449	141,098	2,113	-	27,676	465	-
Onion	88,621	10,364	*	826,595	32,789	-	*	815	-
Potatoes	134,080	11,130	37,714	1,188,017	66,328	-	11,859	*	-
Yam	*	*	*	439,410	5,600	-	*	*	-
Garlic	137,393	2,296	17,031	1,917,181	15,371	-	5,201	10	-
Taro/'Godere'	8,317	*	1,040	2,250,317	48,074	-	*	*	-
Sweet potatoes	21,426	*	1,565	1,898,723	53,755	-	*	*	-
Other Temporary	133,601	4,533	57,683	4,527,622	97,006	-	10,749	*	-
Fruit Crops				5,750,553	105,910				
Avocado				2,203,551	17,739				
Bananas				3,621,736	62,490				
Guava				545,684	3,088				
Lemons				307,899	1,285				
Mangos				1,816,552	15,102				
Oranges				632,776	2,437				
Papayas				903,120	3,123				
Pineapples				70,584	645				
Stimulant Crops	232,646	8,001	95,794	10,382,005	966,964		310,269	20,272	-
Chat				4,615,024	254,809				
Coffee				6,295,142	681,163		262,047	19,304	-
Hops/'Gesho'				2,715,049	30,991				
Enset				6,401,091	415,404				
Sugar Cane				1,561,565	31,213				
Other Permanent				3,229,052	22,071				

(Table 1: Cont'd)

Ethiopia, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	5,592,021	3,551,116	2,104,545	195,374	8,486,395	4,234,179
Cereals	5,019,562	3,257,099	784,968	61,928	7,808,242	3,766,998
<i>Teff</i>	2,925,164	1,451,416	64,311	10,269	2,601,602	1,035,235
<i>Barley</i>	933,195	288,920	38,239	2,494	969,841	241,675
<i>Wheat</i>	2,089,325	944,656	32,288	3,812	2,290,553	822,822
<i>Maize</i>	618,441	186,904	560,386	28,943	4,687,719	1,235,507
<i>Sorghum</i>	500,241	225,189	227,701	15,106	993,289	237,183
<i>Finger millet</i>	408,961	145,650	5,892	503	535,372	170,453
<i>Oats/'Aja'</i>	60,994	11,066	*	*	48,714	6,833
<i>Rice</i>	14,523	3,299	*	*	60,997	*
Pulse	649,662	173,125	103,419	4,448	1,653,174	208,965
<i>Horse/Faba beans</i>	220,762	37,248	10,454	350	574,046	65,169
<i>Field peas</i>	108,416	18,839	3,785	*	212,771	24,143
<i>White Haricot beans</i>	12,836	*	31,326	*	88,745	6,545
<i>Red Haricot beans</i>	59,848	10,209	21,099	*	655,370	59,249
<i>Chick peas</i>	103,159	30,017	14,268	1,159	101,403	14,324
<i>Lentils</i>	119,312	31,822	*	*	90,790	13,165
<i>Vetch/Grass peas</i>	87,330	19,103	*	*	40,295	5,911
<i>Soya beans</i>	*	*	*	*	19,193	6,387
<i>Fenugreek</i>	18,558	2,654	22,743	146	92,247	4,775
<i>Mung bean/'Masho'</i>	59,581	14,292	3,120	*	40,883	7,893
<i>Gibto</i>	-	-	-	-	13,723	1,405
Oil Seeds	108,103	26,092	28,288	919	576,098	63,015
<i>Nueg</i>	9,605	2,714	*	*	37,055	4,643
<i>Linseed</i>	41,032	5,495	9,426	*	74,036	7,339
<i>Ground nuts</i>	5,802	*	*	298	112,907	7,988
<i>Safflower</i>	10,848	*	*	*	33,800	1,700
<i>Sesame</i>	31,338	16,761	4,466	141	74,477	31,629
<i>Rapeseed</i>	13,935	452	5,698	*	273,136	9,715
Vegetables	241,630	14,651	370,489	8,441	864,151	76,536
<i>Lettuce</i>	*	*	7,893	*	4,355	*
<i>Head Cabbage</i>	23,552	1,893	43,437	907	60,379	1,676
<i>Ethiopian Cabbage</i>	68,640	1,079	63,890	626	140,942	1,377
<i>Tomatoes</i>	19,972	1,052	54,102	2,760	43,782	1,964
<i>Green peppers</i>	31,863	*	125,345	1,302	113,835	1,406
<i>Red papers</i>	125,901	9,915	135,121	2,716	558,273	70,024
<i>Swiss chard</i>	*	*	20,795	68	19,626	*
Root Crops	371,368	47,016	420,472	23,954	822,893	47,153
<i>Beet root</i>	15,818	*	32,587	*	31,458	322
<i>Carrot</i>	17,906	874	21,525	389	27,212	*
<i>Onion</i>	114,829	18,461	145,386	13,476	162,079	14,396
<i>Potatoes</i>	149,559	22,998	85,200	4,785	298,723	24,329
<i>Yam</i>	*	*	*	*	*	*
<i>Garlic</i>	109,903	3,980	113,449	1,531	239,412	3,599
<i>Taro/'Godere'</i>	2,425	*	6,177	57	30,804	784
<i>Sweet potatoes</i>	*	*	99,526	3,213	127,720	2,615
Other Temporary	48,028	3,244	156,177	*	420,848	9,687
Fruit Crops	30,418	512	637,126	21,144	240,536	4,138
<i>Avocado</i>	5,347	57	86,876	*	37,861	227
<i>Bananas</i>	4,962	102	357,324	*	121,929	2,177
<i>Guava</i>	*	*	70,086	391	17,549	198
<i>Lemons</i>	*	*	77,595	595	17,977	218
<i>Mangos</i>	8,290	*	169,058	1,472	76,253	922
<i>Oranges</i>	10,156	91	87,541	554	20,448	123
<i>Papayas</i>	6,673	*	126,011	821	37,323	272
<i>Pineapples</i>	-	-	*	*	-	-
Stimulant Crops	397,728	27,675	1,290,041	55,744	1,260,799	51,165
<i>Chat</i>	319,716	18,198	696,518	38,921	749,394	29,348
<i>Coffee</i>	60,660	8,164	548,854	12,385	433,302	16,642
<i>Hops/'Gesho'</i>	57,074	1,314	470,704	4,438	265,867	5,175
Enset	21,855	1,068	*	*		
Sugar Cane	4,836	*	180,500	7,826	49,433	1,705
Other Permanent	11,685	359	224,586	2,579	158,906	1,358

Table1.1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Tigray Region

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	954,532	604,295	501,221	526,991	121,541	193,603	100,089	62,725
Cereals	778,120	562,826	476,099	428,584	108,421	175,337	90,254	57,788
<i>Teff</i>	167,584	132,039	115,223	27,915	4,113	67,438	24,163	13,429
<i>Barley</i>	95,463	78,142	91,828	73,817	7,375	40,780	8,413	7,754
<i>Wheat</i>	107,724	92,800	125,767	47,830	5,202	40,209	11,060	11,143
<i>Maize</i>	66,452	60,876	33,229	350,977	31,470	29,391	2,859	2,147
<i>Sorghum</i>	253,757	127,750	59,916	151,060	51,342	54,213	20,876	10,963
<i>Finger millet</i>	86,613	70,830	49,374	48,377	8,917	57,141	22,833	12,298
<i>Oats/'Aja'</i>	*	*	*	*	*	-	-	-
<i>Rice</i>	*	*	*	-	-	*	*	*
Pulse	37,820	10,882	7,250	85,272	4,788	15,266	1,314	1,055
<i>Horse/Faba beans</i>	9,228	4,225	3,632	51,389	1,804	7,607	331	314
<i>Field peas</i>	5,046	2,085	1,699	9,616	530	3,132	185	190
<i>White Haricot</i>	*	*	*	5,757	*	*	*	*
<i>Red Haricot beans</i>	*	*	*	*	*	*	*	*
<i>Chick peas</i>	6,525	1,494	*	10,216	956	1,281	*	*
<i>Lentils</i>	6,041	1,399	1,123	4,411	269	2,737	289	260
<i>Vetch/Grass peas</i>	6,176	*	*	5,770	*	*	*	*
<i>Soya beans</i>	-	-	-	-	-	-	-	-
<i>Fenugreek</i>	500	130	29	9,239	93	*	*	*
<i>Mung</i>	*	*	-	*	*	-	-	-
<i>Gibto</i>	-	-	-	-	-	-	-	-
Oil Seeds	120,969	23,524	9,976	21,170	5,167	14,933	7,706	3,038
<i>Nueg</i>	5,440	*	*	3,957	*	-	-	-
<i>Linseed</i>	6,516	611	184	5,352	*	*	*	*
<i>Ground nuts</i>	*	*	*	-	-	-	-	-
<i>Safflower</i>	8	*	*	-	-	*	*	*
<i>Sesame</i>	108,319	22,443	9,471	10,308	4,413	13,484	7,656	3,009
<i>Rapeseed</i>	37	30	*	2,013	*	-	-	-
Vegetables	3,362	2,731	2,050	186,923	1,538	14,666	548	602
<i>Lettuce</i>	*	*	*	2,128	*	*	*	*
<i>Head Cabbage</i>	86	84	*	*	*	1,599	*	*
<i>Ethiopian</i>	*	*	*	*	*	-	-	-
<i>Tomatoes</i>	889	750	844	16,563	*	2,578	*	*
<i>Green peppers</i>	508	377	362	43,561	183	3,209	*	*
<i>Red papers</i>	1,769	1,421	382	136,052	1,117	8,611	83	97
<i>Swiss chard</i>	21	*	*	3,696	4	*	*	*
Root Crops	1,965	1,776	3,120	33,505	188	5,490	164	*
<i>Beet root</i>	*	*	*	*	*	-	-	-
<i>Carrot</i>	105	*	*	*	*	-	-	-
<i>Onion</i>	710	639	1,194	7,254	8	2,253	*	*
<i>Potatoes</i>	622	606	1,117	5,640	*	*	*	*
<i>Yam</i>	-	-	-	-	-	-	-	-
<i>Garlic</i>	526	438	524	22,334	100	*	*	*
<i>Taro/'Godere'</i>	-	-	-	-	-	-	-	-
<i>Sweet potatoes</i>	*	*	*	*	*	*	*	*
Other Temporary	369	*	*	28,411	185	*	*	*
Fruit Crops	1,356	341		16,041	146			
<i>Avocado</i>	11	*		*	*			
<i>Bananas</i>	184	*		*	*			
<i>Guava</i>	354	97		6,494	*			
<i>Lemons</i>	174	*		4,281	17			
<i>Mangos</i>	286	78		2,889	*			
<i>Oranges</i>	221	34		3,336	13			
<i>Papayas</i>	124	*		3,453	7			
<i>Pineapples</i>	*	-		-	-			
Stimulant Crops	3,729	990		61,988	439			
<i>Chat</i>	*	*		*	*			
<i>Coffee</i>	110	23		3,815	17			
<i>Hops/'Gesho'</i>	2,255	956		61,427	412			
Enset	*	-		-	-			
Sugar Cane	*	-		-	-			
Other Permanent	6,836	937		30,986	669			

(Table 1.1: cont'd.)

Tigray Region, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	176,313	51,569	28,168	476,632	288,859	359,395	18,877	5,546	6,110
Cereals	155,027	47,730	26,433	472,084	275,548	343,462	18,000	5,104	5,224
Teff	53,153	13,022	6,673	246,655	82,570	87,391	*	*	*
Barley	32,624	5,246	3,886	200,815	41,797	61,822	*	*	*
Wheat	28,263	4,095	3,037	227,253	58,623	94,131	*	*	*
Maize	50,572	5,076	3,335	165,584	20,599	26,242	*	*	*
Sorghum	50,316	15,033	7,111	116,292	39,466	40,461	*	*	*
Finger millet	30,824	5,225	2,356	129,746	32,187	32,743	*	*	*
Oats/'Aja'	*	*	*	*	*	*	-	-	-
Rice	-	-	-	*	*	*	-	-	-
Pulse	12,846	739	574	45,387	3,162	4,576	*	*	*
Horse/Faba beans	7,582	311	281	30,144	1,322	2,352	*	*	*
Field peas	*	*	*	10,285	1,000	1,217	*	*	*
White Haricot beans	*	*	*	*	*	*	-	-	-
Red Haricot beans	*	*	*	*	*	*	-	-	-
Chick peas	*	*	*	*	*	*	-	-	-
Lentils	*	*	*	7,534	676	732	*	*	*
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	2,315	4	13	*	*	*
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	3,093	*	766	13,105	7,969	6,065	*	*	*
Nueg	*	*	*	*	*	*	*	*	*
Linseed	-	-	-	1,818	*	*	-	-	-
Ground nuts	*	*	*	-	-	-	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	2,110	*	721	5,222	7,789	5,741	-	-	-
Rapeseed	-	-	-	1,312	*	*	-	-	-
Vegetables	20,086	212	156	22,201	406	1,063	*	*	*
Lettuce	*	*	*	*	*	*	-	-	-
Head Cabbage	*	*	*	*	*	*	*	*	*
Ethiopian Cabbage	*	*	*	2,279	*	*	-	-	-
Tomatoes	*	*	*	5,085	155	475	*	*	*
Green peppers	2,609	*	*	8,612	105	261	-	-	-
Red papers	14,914	134	97	9,785	86	183	*	*	*
Swiss chard	*	*	*	*	*	*	-	-	-
Root Crops	6,854	119	104	22,441	972	1,981	*	*	*
Beet root	-	-	-	*	*	*	-	-	-
Carrot	*	*	*	993	*	*	-	-	-
Onion	1,867	*	*	8,334	*	*	-	-	-
Potatoes	*	*	*	3,396	*	504	*	*	*
Yam	-	-	-	-	-	-	-	-	-
Garlic	3,555	27	24	11,420	226	406	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	*	-	-	-	-	-	-
Other Temporary	*	*	*	2,022	*	*	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1.1: cont'd.)

Tigray Region, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	43,825	36,692	44,825	948,822	919,867	558,700	174,026	34,665	47,152
Cereals	43,825	35,770	43,193	920,282	748,053	507,211	142,263	30,067	46,495
Teff	24,212	6,402	5,746	483,672	162,490	68,668	20,222	5,094	1,877
Barley	29,825	13,388	16,578	387,359	95,392	154,802	*	*	*
Wheat	30,587	13,191	16,709	324,361	85,261	150,375	115,784	22,464	43,538
Maize	10,350	623	1,077	648,270	65,784	30,626	7,388	668	383
Sorghum	*	*	*	514,999	252,145	67,807	2,960	1,612	263
Finger millet	*	*	*	317,756	86,613	34,636	-	-	-
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	*	*	*	*	*	*
Pulse	*	*	*	324,525	37,586	35,192	*	*	*
Horse/Faba beans	*	*	*	176,245	9,106	11,350	*	*	*
Field peas	*	*	*	59,053	5,046	5,909	-	-	-
White Haricot	-	-	-	21,312	*	563	-	-	-
Red Haricot beans	-	-	-	*	*	*	-	-	-
Chick peas	-	-	-	41,209	6,413	4,751	*	*	*
Lentils	*	*	*	55,810	6,041	5,887	-	-	-
Vetch/Grass peas	*	*	*	35,167	6,176	6,132	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	35,536	500	318	-	-	-
Mung bean/'Masho'	-	-	-	*	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	235,394	117,742	16,297	3,128	3,227	203
Nueg	-	-	-	46,835	5,440	1,475	-	-	-
Linseed	*	*	*	68,279	6,516	2,364	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	1,818	8	4	-	-	-
Sesame	-	-	-	129,970	105,091	11,731	3,128	3,227	203
Rapeseed	-	-	-	4,155	37	*	-	-	-
Vegetables	*	*	*	297,972	3,040	-	4,662	*	-
Lettuce	*	*	*	6,926	*	-	*	*	-
Head Cabbage	*	*	*	6,192	70	-	*	*	-
Ethiopian Cabbage	-	-	-	4,279	*	-	-	-	-
Tomatoes	*	*	*	33,112	599	-	*	*	-
Green peppers	-	-	-	77,487	508	-	*	*	-
Red papers	-	-	-	199,909	1,760	-	*	*	-
Swiss chard	-	-	-	9,024	21	-	-	-	-
Root Crops	*	*	*	99,026	1,929	-	2,522	*	-
Beet root	-	-	-	*	*	-	-	-	-
Carrot	*	*	*	4,649	87	-	*	*	-
Onion	*	*	*	29,280	705	-	*	*	-
Potatoes	*	*	*	16,460	610	-	*	*	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	62,666	525	-	*	*	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	*	*	-	*	*	-
Other Temporary	-	-	-	51,558	369	-	-	-	-
Fruit Crops	*	*	*	72,079	859				
Avocado				2,524	*				
Bananas				9,421	151				
Guava				28,296	219				
Lemons				22,294	137				
Mangos				8,978	*				
Oranges				18,422	155				
Papayas				13,990	*				
Pineapples				*	*				
Stimulant Crops	-	-	-	215,574	3,465		20,098	264	-
Chat				*	*				
Coffee				22,646	106		*	*	-
Hops/'Gesho'				207,335	1,998				
Enset				-	-				
Sugar Cane				-	-				
Other Permanent				168,839	6,824				

(Table 1.1: Cont'd)

Tigray Region, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	270,600	190,047	180,853	11,569	529,456	371,373
Cereals	263,542	179,326	35,862	5,472	511,423	338,011
<i>Teff</i>	117,226	50,282	10,285	1,349	229,104	77,658
<i>Barley</i>	42,347	9,625	3,051	241	115,695	27,798
<i>Wheat</i>	44,735	11,459	9,580	1,656	167,027	41,690
<i>Maize</i>	64,041	7,829	20,396	1,357	179,189	24,269
<i>Sorghum</i>	127,859	77,950	2,706	719	197,878	108,932
<i>Finger millet</i>	69,738	21,865	1,783	151	167,846	57,205
<i>Oats/'Aja'</i>	-	-	-	-	-	-
<i>Rice</i>	*	*	-	-	*	*
Pulse	17,321	2,201	6,845	193	43,725	3,525
<i>Horse/Faba beans</i>	11,959	769	1,068	21	27,427	1,040
<i>Field peas</i>	*	*	*	*	5,577	457
<i>White Haricot beans</i>	-	-	-	-	*	*
<i>Red Haricot beans</i>	*	*	-	-	*	*
<i>Chick peas</i>	*	*	*	*	3,028	*
<i>Lentils</i>	*	*	*	*	6,812	*
<i>Vetch/Grass peas</i>	*	*	-	-	*	*
<i>Soya beans</i>	-	-	-	-	-	-
<i>Fenugreek</i>	-	-	3,994	32	3,039	*
<i>Mung bean/'Masho'</i>	-	-	-	-	-	-
<i>Gibto</i>	-	-	-	-	-	-
Oil Seeds	9,410	7,501	2,804	149	40,431	26,597
<i>Nueg</i>	*	*	*	*	*	*
<i>Linseed</i>	-	-	1,202	*	4,775	*
<i>Ground nuts</i>	-	-	-	-	-	-
<i>Safflower</i>	*	*	*	*	*	*
<i>Sesame</i>	8,203	7,445	*	*	28,942	26,151
<i>Rapeseed</i>	*	*	*	*	*	*
Vegetables	8,094	183	50,649	1,160	55,016	1,040
<i>Lettuce</i>	*	*	5,088	*	2,028	*
<i>Head Cabbage</i>	*	*	5,387	79	2,027	*
<i>Ethiopian Cabbage</i>	-	-	-	-	*	*
<i>Tomatoes</i>	*	*	12,241	541	11,652	491
<i>Green peppers</i>	*	*	22,230	265	14,402	189
<i>Red papers</i>	3,968	*	14,686	199	32,120	278
<i>Swiss chard</i>	-	-	5,854	*	1,839	*
Root Crops	3,624	*	40,225	1,209	26,521	888
<i>Beet root</i>	-	-	*	*	-	-
<i>Carrot</i>	*	*	3,306	*	3,023	*
<i>Onion</i>	*	*	15,010	564	8,958	347
<i>Potatoes</i>	*	*	3,294	*	5,524	*
<i>Yam</i>	-	-	-	-	-	-
<i>Garlic</i>	*	*	22,821	345	12,174	160
<i>Taro/'Godere'</i>	-	-	-	-	-	-
<i>Sweet potatoes</i>	-	-	-	-	-	-
Other Temporary	*	*	5,112	13	4,381	64
Fruit Crops	2,339	*	49,059	971	16,236	545
<i>Avocado</i>	-	-	3,564	10	1,985	*
<i>Bananas</i>	*	*	9,338	159	2,692	*
<i>Guava</i>	*	*	23,293	249	8,273	*
<i>Lemons</i>	-	-	14,358	68	2,215	*
<i>Mangos</i>	*	*	10,213	252	6,180	203
<i>Oranges</i>	*	*	12,802	140	3,795	*
<i>Papayas</i>	*	*	7,942	*	3,650	*
<i>Pineapples</i>	-	-	*	*	-	-
Stimulant Crops	1,560	*	114,253	*	35,782	489
<i>Chat</i>	-	-	*	*	-	-
<i>Coffee</i>	-	-	16,794	86	2,773	6
<i>Hops/'Gesho'</i>	1,560	*	108,354	933	35,503	483
Enset	-	-	*	*	-	-
Sugar Cane	-	-	*	*	*	*
Other Permanent	1,870	*	18,957	235	12,316	211

Table1.1.1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

North West Tigray

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	229,065	176,707	108,224	150,145	50,447	70,585	51,259	25,862
Cereals	197,788	168,422	103,802	136,345	48,435	66,520	45,919	23,575
Teff	42,231	38,533	33,868	3,891	816	31,010	14,050	7,270
Barley	443	334	*	*	*	*	*	*
Wheat	*	*	*	-	-	-	-	-
Maize	26,142	25,450	13,992	130,607	14,386	7,701	975	853
Sorghum	73,122	54,054	23,537	62,690	26,484	27,954	12,838	6,050
Finger millet	55,711	49,913	32,131	27,148	6,727	38,503	17,976	9,392
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	*	*	*	-	-	-	-	-
Pulse	7,540	1,054	694	8,266	335	2,546	*	*
Horse/Faba beans	1,597	385	*	4,073	*	*	*	*
Field peas	*	-	-	-	-	-	-	-
White Haricot	*	*	-	*	*	-	-	-
Red Haricot beans	*	-	-	-	-	-	-	-
Chick peas	3,532	*	*	3,426	187	1,281	*	*
Lentils	*	-	-	-	-	-	-	-
Vetch/Grass peas	*	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	*	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	21,217	5,516	2,285	3,708	*	11,249	4,744	*
Nueg	*	*	*	-	-	-	-	-
Linseed	1,109	*	-	*	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-
Safflower	*	*	*	-	-	*	*	*
Sesame	18,087	5,472	2,141	2,841	*	10,912	4,742	*
Rapeseed	*	*	*	-	-	-	-	-
Vegetables	1,550	1,387	796	95,830	960	4,745	*	*
Lettuce	*	*	*	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-
Ethiopian	*	*	*	-	-	-	-	-
Tomatoes	496	*	*	9,068	*	*	*	*
Green peppers	*	*	*	*	*	-	-	-
Red papers	1,021	930	225	89,857	797	4,207	24	27
Swiss chard	*	*	*	-	-	-	-	-
Root Crops	62	*	*	*	*	*	*	*
Beet root	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	31	*	*	*	*	*	*	*
Potatoes	*	*	*	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	*	*	*	*	*	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-
Other Temporary	100	92	*	15,233	75	*	*	*
Fruit Crops	351	89		3,251	16			
Avocado	*	*		-	-			
Bananas	*	*		-	-			
Guava	*	*		*	*			
Lemons	39	*		*	*			
Mangos	*	*		*	*			
Oranges	*	*		*	*			
Papayas	7	*		*	*			
Pineapples	-	-		-	-			
Stimulant Crops	428	*		*	*			
Chat	-	-		-	-			
Coffee	*	-		-	-			
Hops/'Gesho'	407	*		*	*			
Enset	-	-		-	-			
Sugar Cane	*	-		-	-			
Other	*	*		1,536	*			

(Table 1.1.1: cont'd.)

North West Tigray ,2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	29,333	8,552	3,409	99,672	61,366	71,976	*	*	*
Cereals	21,388	8,208	3,123	99,672	60,827	70,508	*	*	*
Teff	8,399	2,517	1,023	58,434	18,698	22,774	*	*	*
Barley	*	*	*	*	*	*	*	*	*
Wheat	-	-	-	*	*	*	-	-	-
Maize	4,001	466	276	43,245	9,236	12,117	*	*	*
Sorghum	7,349	2,376	915	28,676	11,473	15,295	*	*	*
Finger millet	8,682	2,827	896	59,460	21,101	20,090	*	*	*
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	*	*	*	-	-	-
Pulse	*	*	*	3,335	*	*	*	*	*
Horse/Faba beans	*	*	*	3,335	*	*	*	*	*
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	*	*	*	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	*	*	*
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	2,845	*	*	*	*	*
Nueg	-	-	-	*	*	*	*	*	*
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	*	*	*	*	*	*	-	-	-
Rapeseed	-	-	-	*	*	*	-	-	-
Vegetables	11,706	78	70	11,272	*	*	*	*	*
Lettuce	*	*	*	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	*	*	*	-	-	-
Tomatoes	*	*	*	*	*	*	*	*	*
Green peppers	*	*	*	*	*	*	-	-	-
Red papers	10,258	62	56	7,410	*	*	*	*	*
Swiss chard	*	*	*	-	-	-	-	-	-
Root Crops	*	*	*	3,236	*	*	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	*	*	*	-	-	-
Potatoes	*	*	*	*	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	2,635	*	*	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	*	*	*	*	*	*	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1.1.1: cont'd.)

North West Tigray, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	210,958	226,534	84,426	21,205	2,531	839
Cereals	*	*	*	209,389	195,966	76,882	8,150	1,822	822
Teff	*	*	*	115,479	40,742	19,647	6,360	1,489	619
Barley	-	-	-	6,181	443	151	-	-	-
Wheat	-	-	-	*	*	*	-	-	-
Maize	*	*	*	191,943	25,857	10,979	*	*	*
Sorghum	*	*	*	131,323	73,110	23,926	*	*	*
Finger millet	*	*	*	143,532	55,711	22,176	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	*	*	*
Pulse	-	-	-	46,278	7,540	4,306	-	-	-
Horse/Faba beans	-	-	-	25,597	1,597	1,547	-	-	-
Field peas	-	-	-	*	*	*	-	-	-
White Haricot	-	-	-	4,373	*	*	-	-	-
Red Haricot beans	-	-	-	*	*	*	-	-	-
Chick peas	-	-	-	19,710	3,532	2,323	-	-	-
Lentils	-	-	-	*	*	*	-	-	-
Vetch/Grass peas	-	-	-	*	*	*	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	*	*	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	70,902	21,064	3,238	*	*	*
Nueg	-	-	-	15,919	*	*	-	-	-
Linseed	-	-	-	10,752	1,109	280	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	49,178	17,934	2,414	*	*	*
Rapeseed	-	-	-	*	*	*	-	-	-
Vegetables	*	*	*	135,794	1,301	-	*	*	-
Lettuce	-	-	-	*	*	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	*	*	-	-	-	-
Tomatoes	*	*	*	14,202	248	-	*	*	-
Green peppers	-	-	-	*	*	-	-	-	-
Red papers	-	-	-	124,760	1,020	-	*	*	-
Swiss chard	-	-	-	*	*	-	-	-	-
Root Crops	-	-	-	11,223	*	-	*	*	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	3,974	*	-	*	*	-
Potatoes	-	-	-	*	*	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	*	*	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	22,367	100	-	-	-	-
Fruit Crops				20,294	182				
Avocado				-	-				
Bananas				*	*				
Guava				*	*				
Lemons				7,710	39				
Mangos				*	*				
Oranges				5,741	48				
Papayas				4,339	6				
Pineapples				-	-				
Stimulant Crops	-	-	-	30,048	304		*	*	-
Chat				-	-				
Coffee				*	*		*	*	-
Hops/'Gesho'				29,774	285				
Enset				-	-				
Sugar Cane				-	-				
Other Permanent				8,601	*				

(Table 1.1.1: Cont'd)

North West Tigray, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	86,706	58,188	33,367	885	180,944	149,821
Cereals	86,408	57,996	*	*	179,338	142,707
Teff	35,469	14,078	*	*	106,683	38,899
Barley	*	*	-	-	3,359	319
Wheat	-	-	-	-	*	*
Maize	21,839	3,228	*	*	83,979	14,730
Sorghum	48,736	25,304	-	-	82,909	42,267
Finger millet	39,078	15,268	*	*	116,775	46,354
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	*	*
Pulse	*	*	-	-	10,758	1,063
Horse/Faba beans	*	*	-	-	9,541	399
Field peas	-	-	-	-	-	-
White Haricot beans	-	-	-	-	*	*
Red Haricot beans	-	-	-	-	-	-
Chick peas	*	*	-	-	1,560	*
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	1,357	*	*	*	16,011	5,087
Nueg	*	*	-	-	*	*
Linseed	-	-	-	-	*	*
Ground nuts	-	-	-	-	-	-
Safflower	*	*	*	*	*	*
Sesame	*	*	-	-	12,771	5,063
Rapeseed	*	*	-	-	*	*
Vegetables	*	*	5,386	*	33,210	462
Lettuce	-	-	*	*	*	*
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	*	*
Tomatoes	*	*	*	*	5,747	*
Green peppers	*	*	*	*	*	*
Red papers	*	*	*	*	25,218	117
Swiss chard	-	-	-	-	*	*
Root Crops	*	*	2,859	*	*	*
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	*	*	*	*
Potatoes	-	-	-	-	*	*
Yam	-	-	-	-	-	-
Garlic	*	*	*	*	*	*
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	*	*	*	*	2,398	*
Fruit Crops	*	*	12,103	*	7,540	*
Avocado	-	-	*	*	*	*
Bananas	-	-	2,281	*	*	*
Guava	-	-	*	*	*	*
Lemons	-	-	3,943	*	*	*
Mangos	-	-	*	*	*	*
Oranges	-	-	3,800	24	*	*
Papayas	*	*	*	*	*	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	23,602	224	10,484	196
Chat	-	-	-	-	-	-
Coffee	-	-	*	*	*	*
Hops/'Gesho'	*	*	23,328	204	10,484	196
Enset	-	-	-	-	-	-
Sugar Cane	-	-	*	*	*	*
Other Permanent	*	*	*	*	*	*

Table1.1.2: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Central Tigray

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	220,505	175,663	150,220	160,207	29,168	49,159	18,376	12,411
Cereals	202,603	170,796	145,848	128,452	26,824	44,385	18,093	12,057
Teff	66,428	60,752	56,488	10,834	1,281	24,435	7,113	4,346
Barley	20,597	17,179	19,808	27,621	1,999	7,095	*	1,056
Wheat	26,464	22,820	28,653	19,355	1,765	6,600	*	*
Maize	22,239	21,354	11,933	100,662	9,400	10,216	1,008	760
Sorghum	51,249	35,371	17,959	56,087	11,594	15,334	3,610	2,163
Finger millet	15,559	13,253	10,932	11,203	782	15,301	4,026	2,448
Oats/'Aja'	*	*	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	10,991	3,001	1,923	39,749	1,599	3,311	126	*
Horse/Faba beans	4,382	1,850	1,418	27,762	996	*	*	*
Field peas	844	*	*	2,424	42	-	-	-
White Haricot	*	*	*	*	*	-	-	-
Red Haricot beans	*	*	*	*	*	-	-	-
Chick peas	1,343	321	*	3,927	301	-	-	-
Lentils	1,435	287	*	*	*	*	*	*
Vetch/Grass peas	*	*	-	*	*	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	3,299	*	*	*	*
Mung bean/'Masho'	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	4,019	378	*	2,539	*	*	*	*
Nueg	*	*	*	*	*	-	-	-
Linseed	1,943	*	*	*	*	*	*	*
Ground nuts	*	*	*	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	*	*	*	*	*	*	*	*
Rapeseed	-	-	-	-	-	-	-	-
Vegetables	452	333	*	49,727	185	4,553	*	*
Lettuce	*	*	*	-	-	*	*	*
Head Cabbage	*	*	*	-	-	*	*	*
Ethiopian Cabbage	*	*	*	-	-	-	-	-
Tomatoes	*	*	*	*	*	*	*	*
Green peppers	161	136	*	29,053	124	*	*	*
Red papers	106	74	21	19,842	60	2,572	*	*
Swiss chard	*	*	-	*	*	-	-	-
Root Crops	290	249	*	9,514	32	*	*	*
Beet root	-	-	-	-	-	-	-	-
Carrot	*	*	*	*	*	-	-	-
Onion	*	*	*	*	*	*	*	*
Potatoes	*	*	*	*	*	*	*	*
Yam	-	-	-	-	-	-	-	-
Garlic	219	*	*	7,304	19	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	-	*	*	-	-	-
Other Temporary	*	*	*	5,762	*	*	*	*
Fruit Crops	*	*		3,976	10			
Avocado	*	-		-	-			
Bananas	*	-		-	-			
Guava	*	*		1,731	*			
Lemons	18	*		1,248	*			
Mangos	*	*		*	*			
Oranges	*	*		*	*			
Papayas	*	*		*	*			
Pineapples	-	-		-	-			
Stimulant Crops	*	*		23,501	*			
Chat	*	-		-	-			
Coffee	24	*		*	*			
Hops/'Gesho'	*	*		22,939	*			
Enset	-	-		-	-			
Sugar Cane	-	-		-	-			
Other Permanent	*	*		6,390	*			

(Table 1.1.2: cont'd.)

Central Tigray, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	73,452	25,197	14,557	153,475	92,893	108,248	*	*	*
Cereals	69,802	24,802	14,211	153,102	91,170	104,884	*	*	*
Teff	29,873	8,083	4,401	111,367	42,242	44,781	*	*	*
Barley	11,389	1,340	944	54,315	10,297	13,687	*	*	*
Wheat	9,135	1,122	897	63,243	13,641	19,464	-	-	-
Maize	31,975	3,880	2,529	70,854	6,876	8,198	-	-	-
Sorghum	30,653	8,729	4,415	46,757	11,362	11,292	-	-	-
Finger millet	15,653	1,614	992	45,324	6,721	7,421	-	-	-
Oats/'Aja'	*	*	*	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	4,049	*	*	17,540	1,008	1,416	-	-	-
Horse/Faba beans	*	*	*	14,489	672	1,085	-	-	-
Field peas	-	-	-	1,295	*	*	-	-	-
White Haricot beans	*	*	*	-	-	-	-	-	-
Red Haricot beans	*	*	*	-	-	-	-	-	-
Chick peas	-	-	-	*	*	*	-	-	-
Lentils	-	-	-	2,976	182	*	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	*	*	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	*	*	*	-	-	-
Nueg	*	*	*	*	*	*	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	*	*	*	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	3,341	9	9	4,137	*	*	-	-	-
Lettuce	-	-	-	*	*	*	-	-	-
Head Cabbage	*	*	*	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	*	*	*	-	-	-
Tomatoes	*	*	*	*	*	*	-	-	-
Green peppers	*	*	*	*	*	*	-	-	-
Red papers	*	*	*	*	*	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	*	*	*	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	*	*	*	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	*	*	*	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	*	*	*	*	*	*	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1.1.2: cont'd.)

Central Tigray, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	263,258	214,131	132,934	36,717	6,374	6,153
Cereals	*	*	*	259,773	196,501	120,636	28,365	6,102	6,064
Teff	*	*	*	188,083	63,751	26,296	10,217	2,677	740
Barley	*	*	*	112,161	20,597	23,164	-	-	-
Wheat	*	*	*	98,824	23,460	37,356	15,112	3,003	5,132
Maize	*	*	*	214,088	21,976	9,804	4,572	263	*
Sorghum	*	*	*	161,912	51,090	17,130	*	*	*
Finger millet	*	*	*	98,903	15,559	6,829	-	-	-
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	124,064	10,879	10,253	*	*	*
Horse/Faba beans	*	*	*	84,715	4,382	4,801	-	-	-
Field peas	-	-	-	11,060	844	727	-	-	-
White Haricot	-	-	-	13,914	*	*	-	-	-
Red Haricot beans	-	-	-	*	*	*	-	-	-
Chick peas	-	-	-	12,047	1,231	1,142	*	*	*
Lentils	-	-	-	19,467	1,435	1,507	-	-	-
Vetch/Grass peas	-	-	-	*	*	*	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	12,914	*	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	43,610	4,019	2,045	-	-	-
Nueg	-	-	-	16,096	*	216	-	-	-
Linseed	-	-	-	24,673	1,943	898	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	*	*	*	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	*	*	*	81,670	449	-	*	*	-
Lettuce	-	-	-	*	*	-	-	-	-
Head Cabbage	*	*	*	1,931	*	-	-	-	-
Ethiopian Cabbage	-	-	-	*	*	-	-	-	-
Tomatoes	-	-	-	*	*	-	-	-	-
Green peppers	-	-	-	42,978	161	-	*	*	-
Red papers	-	-	-	32,750	103	-	*	*	-
Swiss chard	-	-	-	*	*	-	-	-	-
Root Crops	*	*	*	26,489	289	-	*	*	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	*	*	*	*	*	-	-	-	-
Onion	-	-	-	4,974	*	-	-	-	-
Potatoes	*	*	*	*	*	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	22,380	219	-	*	*	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	*	*	-
Other Temporary	-	-	-	12,018	*	-	-	-	-
Fruit Crops				18,053	*				
Avocado				*	*				
Bananas				*	*				
Guava				8,483	*				
Lemons				4,601	13				
Mangos				*	*				
Oranges				3,664	*				
Papayas				3,679	*				
Pineapples				-	-				
Stimulant Crops	-	-	-	65,822	*		7,573	*	-
Chat				-	-				
Coffee				6,459	24		-	-	-
Hops/'Gesho'				64,935	*				
Enset				-	-				
Sugar Cane				-	-				
Other Permanent				24,384	*				

(Table 1.1.2: Cont'd)

Central Tigray, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	81,428	49,459	48,760	2,831	96,200	42,046
Cereals	79,961	47,673	9,532	1,610	94,198	41,203
Teff	58,106	25,193	2,780	*	52,294	15,125
Barley	25,613	*	*	*	16,600	2,459
Wheat	17,247	1,803	*	*	31,538	7,738
Maize	35,761	4,032	5,358	*	44,750	5,107
Sorghum	29,315	7,110	1,720	435	29,875	7,066
Finger millet	19,829	3,124	*	*	20,806	3,708
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	12,841	*	3,399	*	9,046	459
Horse/Faba beans	10,289	699	*	*	6,766	257
Field peas	*	*	-	-	*	*
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-
Chick peas	*	*	*	*	*	*
Lentils	*	*	*	*	-	-
Vetch/Grass peas	*	*	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	1,758	*	*	*
Mung bean/'Masho"	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	*	*	*	*	*	*
Nueg	*	*	*	*	*	*
Linseed	-	-	-	-	*	*
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	3,271	*	15,304	*	5,795	*
Lettuce	*	*	*	*	*	*
Head Cabbage	*	*	*	*	*	*
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	*	*	*	*	*	*
Green peppers	*	*	9,529	*	3,702	*
Red papers	*	*	*	*	*	*
Swiss chard	-	-	*	*	-	-
Root Crops	*	*	12,556	*	*	*
Beet root	-	-	-	-	-	-
Carrot	-	-	*	*	*	*
Onion	-	-	1,966	5	-	-
Potatoes	-	-	*	*	*	*
Yam	-	-	-	-	-	-
Garlic	*	*	10,726	*	*	*
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	*	*	*	*	*	*
Fruit Crops	*	*	11,496	*	*	*
Avocado	-	-	*	*	-	-
Bananas	*	*	*	*	-	-
Guava	*	*	6,177	*	*	*
Lemons	-	-	3,180	*	-	-
Mangos	*	*	*	*	*	*
Oranges	*	*	3,022	*	*	*
Papayas	*	*	*	*	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	-	-	31,231	342	4,734	*
Chat	-	-	-	-	-	-
Coffee	-	-	3,973	*	*	*
Hops/'Gesho'	-	-	30,623	*	4,455	*
Enset	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-
Other Permanent	*	*	3,332	*	*	*

Table1.1.3: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

East Tigray

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	94,808	74,695	94,728	73,780	10,806	37,806	10,097	9,463
Cereals	79,834	69,047	91,100	47,366	7,939	32,847	9,480	8,952
Teff	7,918	6,411	5,171	4,280	*	5,497	*	*
Barley	27,075	24,780	33,369	27,436	2,822	19,740	3,240	3,384
Wheat	30,500	27,875	44,723	17,665	1,766	20,147	4,535	4,427
Maize	3,715	3,069	2,122	23,825	1,505	6,424	276	196
Sorghum	5,877	3,053	1,946	6,903	*	3,375	324	202
Finger millet	4,748	3,860	3,768	2,886	254	*	*	*
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	7,791	4,017	2,501	22,297	2,050	6,613	364	335
Horse/Faba beans	1,513	1,019	1,136	11,339	356	3,144	71	93
Field peas	1,492	1,126	999	4,800	256	2,899	*	183
White Haricot	*	*	*	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-
Chick peas	759	*	-	2,582	*	-	-	-
Lentils	622	377	*	1,345	*	*	*	*
Vetch/Grass peas	3,244	*	*	5,422	*	*	*	*
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	148	26	*	*	*	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	643	168	70	2,503	*	*	*	*
Nueg	-	-	-	-	-	-	-	-
Linseed	629	*	*	1,213	*	*	*	*
Ground nuts	-	-	-	-	-	-	-	-
Safflower	*	*	*	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	*	*	*	1,290	*	-	-	-
Vegetables	365	307	308	7,209	30	2,792	*	*
Lettuce	7	6	*	*	*	-	-	-
Head Cabbage	*	*	*	*	*	*	*	*
Ethiopian Cabbage	*	*	*	*	*	-	-	-
Tomatoes	*	*	*	1,604	*	*	*	*
Green peppers	*	*	*	3,487	*	*	*	*
Red papers	*	*	*	*	*	957	*	*
Swiss chard	*	*	*	*	*	*	*	*
Root Crops	379	*	*	6,296	*	1,580	*	*
Beet root	*	-	-	-	-	-	-	-
Carrot	*	*	*	*	*	-	-	-
Onion	*	*	*	4,019	*	*	*	*
Potatoes	*	*	*	*	*	*	*	*
Yam	-	-	-	-	-	-	-	-
Garlic	5	3	*	2,126	*	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	*	-	-	*	*	*
Other Temporary	12	*	-	*	*	-	-	-
Fruit Crops	96	54		4,228	*			
Avocado	*	*		*	*			
Bananas	*	*		*	*			
Guava	77	*		2,649	*			
Lemons	*	*		*	*			
Mangos	*	*		*	*			
Oranges	9	*		*	*			
Papayas	*	-		-	-			
Pineapples	*	-		-	-			
Stimulant Crops	304	*		18,607	52			
Chat	*	*		*	*			
Coffee	*	*		*	*			
Hops/'Gesho'	288	*		18,607	48			
Enset	-	-		-	-			
Sugar Cane	-	-		-	-			
Other Permanent	5,384	629		13,766	574			

(Table 1.1.3: cont'd.)

East Tigray, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	35,968	4,917	3,290	106,040	46,852	80,210	*	*	*
Cereals	31,848	4,736	3,131	105,633	45,108	77,463	*	*	*
Teff	9,323	1,084	640	23,466	3,976	3,859	*	*	*
Barley	10,600	*	*	83,372	15,541	27,393	*	*	*
Wheat	8,411	786	574	91,042	20,633	39,565	*	*	*
Maize	5,472	220	142	23,492	1,042	1,773	*	*	*
Sorghum	3,852	*	*	9,155	1,036	1,530	-	-	-
Finger millet	5,506	482	278	17,126	2,881	3,344	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	3,238	111	106	18,840	1,298	1,885	*	*	*
Horse/Faba beans	2,047	*	*	10,931	413	870	*	*	*
Field peas	*	*	*	6,983	*	721	*	*	*
White Haricot beans	-	-	-	*	*	*	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	3,261	287	*	*	*	*
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	*	*	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	1,790	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	*	*	*	-	-	-
Vegetables	2,015	*	23	2,275	100	218	-	-	-
Lettuce	*	*	*	*	*	*	-	-	-
Head Cabbage	-	-	-	*	*	*	-	-	-
Ethiopian Cabbage	*	*	*	*	*	*	-	-	-
Tomatoes	*	*	*	*	*	*	-	-	-
Green peppers	*	*	*	*	*	*	-	-	-
Red papers	*	*	*	*	*	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	4,200	*	*	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	*	*	*	-	-	-
Onion	*	*	*	*	*	*	-	-	-
Potatoes	-	-	-	*	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	*	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1.1.3: cont'd.)

East Tigray, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	153,710	86,130	112,849	60,056	8,678	17,912
Cereals	-	-	-	148,679	71,158	102,860	59,257	8,675	17,912
Teff	-	-	-	47,104	7,792	4,464	*	*	*
Barley	-	-	-	129,498	27,005	49,872	*	*	*
Wheat	-	-	-	101,476	22,021	40,353	58,315	8,479	17,592
Maize	-	-	-	71,409	3,715	3,779	-	-	-
Sorghum	-	-	-	40,112	5,877	2,034	-	-	-
Finger millet	-	-	-	33,862	4,748	2,359	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	76,816	7,791	9,751	-	-	-
Horse/Faba beans	-	-	-	44,158	1,513	2,891	-	-	-
Field peas	-	-	-	22,213	1,492	2,338	-	-	-
White Haricot	-	-	-	*	*	*	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	4,989	759	716	-	-	-
Lentils	-	-	-	9,830	622	597	-	-	-
Vetch/Grass peas	-	-	-	17,862	3,244	3,113	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	10,168	148	94	-	-	-
Mung bean/"Masho"	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	10,916	643	238	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	7,808	629	234	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	2,315	*	*	-	-	-
Vegetables	-	-	-	20,840	365	-	-	-	-
Lettuce	-	-	-	2,790	7	-	-	-	-
Head Cabbage	-	-	-	2,184	*	-	-	-	-
Ethiopian Cabbage	-	-	-	*	*	-	-	-	-
Tomatoes	-	-	-	4,232	*	-	-	-	-
Green peppers	-	-	-	8,902	*	-	-	-	-
Red papers	-	-	-	5,147	*	-	-	-	-
Swiss chard	-	-	-	2,522	*	-	-	-	-
Root Crops	-	-	-	18,697	379	-	*	*	-
Beet root	-	-	-	*	*	-	-	-	-
Carrot	-	-	-	*	*	-	-	-	-
Onion	-	-	-	12,102	*	-	*	*	-
Potatoes	-	-	-	4,207	*	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	4,536	5	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	*	*	-	-	-	-
Other Temporary	-	-	-	3,796	12	-	-	-	-
Fruit Crops	-	-	-	12,941	96	-	-	-	-
Avocado	-	-	-	*	*	-	-	-	-
Bananas	-	-	-	*	*	-	-	-	-
Guava	-	-	-	9,683	77	-	-	-	-
Lemons	-	-	-	*	*	-	-	-	-
Mangos	-	-	-	*	*	-	-	-	-
Oranges	-	-	-	4,208	9	-	-	-	-
Papayas	-	-	-	*	*	-	-	-	-
Pineapples	-	-	-	*	*	-	-	-	-
Stimulant Crops	-	-	-	52,930	302	-	*	*	-
Chat	-	-	-	*	*	-	-	-	-
Coffee	-	-	-	4,972	*	-	-	-	-
Hops/'Gesho'	-	-	-	52,685	286	-	-	-	-
Enset	-	-	-	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-	-	-	-
Other Permanent	-	-	-	82,020	5,384	-	-	-	-

(Table 1.1.3: Cont'd)

East Tigray, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	24,410	8,455	40,285	*	84,861	24,976
Cereals	23,358	8,325	7,837	*	82,374	23,813
Teff	4,880	747	*	*	12,542	1,587
Barley	9,360	1,217	*	*	42,346	7,982
Wheat	18,865	6,325	*	*	69,259	10,712
Maize	*	*	4,874	*	12,378	465
Sorghum	*	*	*	*	*	*
Finger millet	-	-	*	*	11,620	1,924
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	*	*	*	*	13,453	677
Horse/Faba beans	*	*	*	*	8,823	322
Field peas	*	*	-	-	2,953	157
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	*	*
Vetch/Grass peas	-	-	-	-	*	*
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	*	*	*	*
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	*	*	*	*
Nueg	-	-	-	-	-	-
Linseed	-	-	*	*	*	*
Ground nuts	-	-	-	-	-	-
Safflower	-	-	*	*	*	*
Sesame	-	-	-	-	-	-
Rapeseed	-	-	*	*	*	*
Vegetables	*	*	13,354	274	3,209	79
Lettuce	-	-	2,071	4	*	*
Head Cabbage	-	-	*	*	*	*
Ethiopian Cabbage	-	-	-	-	*	*
Tomatoes	-	-	3,149	*	*	*
Green peppers	*	*	5,900	*	*	*
Red papers	-	-	3,803	*	*	*
Swiss chard	-	-	1,829	*	-	-
Root Crops	*	*	9,545	*	5,479	*
Beet root	-	-	-	-	-	-
Carrot	-	-	*	*	*	*
Onion	-	-	6,431	*	*	*
Potatoes	*	*	*	*	*	*
Yam	-	-	-	-	-	-
Garlic	-	-	2,750	3	*	*
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	-	-	*	*	*	*
Fruit Crops	*	*	8,396	*	1,860	*
Avocado	-	-	*	*	*	*
Bananas	-	-	*	*	-	-
Guava	-	-	6,651	*	1,360	*
Lemons	-	-	*	*	-	-
Mangos	-	-	*	*	-	-
Oranges	*	*	1,989	5	*	*
Papayas	-	-	*	*	-	-
Pineapples	-	-	*	*	-	-
Stimulant Crops	*	*	25,658	103	6,565	*
Chat	-	-	-	-	-	-
Coffee	-	-	*	*	*	*
Hops/'Gesho'	*	*	25,658	98	6,565	*
Enset	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-
Other Permanent	-	-	4,593	*	2,702	*

Table1.1.4: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

South Tigray

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	215,737	120,760	121,314	67,526	8,498	27,357	12,662	11,174
Cereals	196,434	116,186	116,343	46,170	7,372	24,186	11,998	10,601
Teff	44,036	20,750	14,410	6,812	1,148	4,943	1,239	814
Barley	44,546	33,592	36,738	14,133	1,702	12,703	3,886	3,304
Wheat	49,189	40,679	50,585	9,512	1,507	13,462	*	*
Maize	8,798	6,263	5,010	31,722	1,716	2,705	412	235
Sorghum	48,948	14,335	9,145	5,256	1,240	3,325	1,017	745
Finger millet	918	567	455	*	*	*	*	*
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	10,791	2,542	1,994	11,398	613	2,795	*	344
Horse/Faba beans	1,433	854	*	5,874	231	*	*	*
Field peas	2,139	738	*	*	*	*	*	*
White Haricot	*	*	*	-	-	*	*	*
Red Haricot beans	*	*	*	-	-	*	*	*
Chick peas	758	*	*	-	-	-	-	-
Lentils	3,942	730	541	1,526	*	*	*	*
Vetch/Grass peas	1,521	*	*	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	140	*	*	3,025	22	*	*	*
Mung bean/'Masho'	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	4,043	*	*	1,949	*	-	-	-
Nueg	*	-	-	-	-	-	-	-
Linseed	2,745	*	*	1,949	*	-	-	-
Ground nuts	*	-	-	-	-	-	-	-
Safflower	*	-	-	-	-	-	-	-
Sesame	*	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-
Vegetables	483	315	476	6,636	*	*	*	*
Lettuce	*	*	*	*	*	-	-	-
Head Cabbage	*	*	*	-	-	*	*	*
Ethiopian Cabbage	*	*	*	-	-	-	-	-
Tomatoes	55	51	*	*	*	*	*	*
Green peppers	183	*	*	3,623	*	*	*	*
Red papers	*	*	*	*	*	-	-	-
Swiss chard	7	6	*	2,216	2	*	*	*
Root Crops	1,088	1,000	2,053	7,034	51	*	*	*
Beet root	*	*	*	-	-	-	-	-
Carrot	*	*	*	-	-	-	-	-
Onion	543	513	*	-	-	*	*	*
Potatoes	*	*	*	2,972	*	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	218	179	*	4,062	*	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	*	-	-	-	-	-
Other Temporary	44	*	-	*	*	-	-	-
Fruit Crops	210	*	-	2,305	*	-	-	-
Avocado	*	-	-	-	-	-	-	-
Bananas	*	*	-	*	*	-	-	-
Guava	62	*	-	*	*	-	-	-
Lemons	*	*	-	*	*	-	-	-
Mangos	*	*	-	*	*	-	-	-
Oranges	*	*	-	-	-	-	-	-
Papayas	*	*	-	1,024	*	-	-	-
Pineapples	-	-	-	-	-	-	-	-
Stimulant Crops	*	152	-	12,299	122	-	-	-
Chat	*	*	-	*	*	-	-	-
Coffee	*	*	-	1,003	*	-	-	-
Hops/'Gesho'	392	136	-	12,299	*	-	-	-
Enset	*	-	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-	-	-
Other Permanent	851	*	-	8,639	25	-	-	-

(Table 1.1.4 cont'd.)

South Tigray, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	32,720	8,676	5,343	96,765	65,822	77,610	*	*	*
Cereals	28,928	8,318	5,085	94,573	64,348	75,087	*	*	*
Teff	4,893	1,118	440	44,455	13,664	11,261	-	-	-
Barley	10,218	2,199	1,643	59,088	14,360	18,877	*	*	*
Wheat	10,718	2,186	1,566	69,417	23,087	33,296	*	*	*
Maize	8,621	496	379	27,169	3,370	4,096	-	-	-
Sorghum	7,061	2,293	1,056	24,839	9,710	7,328	-	-	-
Finger millet	*	*	*	1,601	157	*	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	3,406	*	*	4,978	*	*	*	*	*
Horse/Faba beans	*	*	*	*	*	*	*	*	*
Field peas	*	*	*	*	*	*	*	*	*
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	*	*	*	-	-	-
Chick peas	-	-	-	*	*	*	-	-	-
Lentils	*	*	*	*	*	*	*	*	*
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	*	*	*	*	*	*
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	2,311	*	*	3,533	92	156	*	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	*	*	*	*	*	*
Ethiopian Cabbage	*	*	*	*	*	*	-	-	-
Tomatoes	*	*	*	*	*	*	-	-	-
Green peppers	*	*	*	1,558	*	*	-	-	-
Red papers	*	*	*	*	*	*	-	-	-
Swiss chard	*	*	*	*	*	*	-	-	-
Root Crops	3,599	80	68	7,743	530	*	*	*	*
Beet root	-	-	-	*	*	*	-	-	-
Carrot	*	*	*	*	*	*	-	-	-
Onion	*	*	*	4,405	*	*	-	-	-
Potatoes	*	*	*	*	*	*	*	*	*
Yam	-	-	-	-	-	-	-	-	-
Garlic	1,361	*	*	3,120	*	*	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	*	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1.1.4: cont'd.)

South Tigray, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	21,323	24,073	25,635	210,348	203,633	192,928	47,958	12,104	21,620
Cereals	21,323	23,289	24,523	199,424	184,601	181,171	44,426	11,833	21,255
Teff	9,970	*	*	116,153	43,298	16,250	*	*	320
Barley	19,626	11,060	*	132,369	44,546	77,228	-	-	-
Wheat	18,324	8,026	9,701	118,540	38,208	70,491	42,357	10,981	20,814
Maize	*	*	*	88,405	8,684	4,210	*	*	*
Sorghum	*	*	*	98,017	48,948	12,645	-	-	-
Finger millet	*	*	*	6,811	918	347	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	68,130	10,668	10,601	*	*	*
Horse/Faba beans	*	*	*	17,486	1,310	1,959	*	*	*
Field peas	*	*	*	20,651	2,139	2,552	-	-	-
White Haricot	-	-	-	*	*	*	-	-	-
Red Haricot beans	-	-	-	*	*	*	-	-	-
Chick peas	-	-	-	3,377	758	522	-	-	-
Lentils	*	*	*	24,719	3,942	3,771	-	-	-
Vetch/Grass peas	*	*	*	8,320	1,521	1,348	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	11,854	140	64	-	-	-
Mung bean/"Masho"	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	28,112	4,043	1,156	-	-	-
Nueg	-	-	-	*	*	*	-	-	-
Linseed	*	*	*	23,443	2,745	841	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	*	*	*	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	*	*	*	21,389	463	-	*	*	-
Lettuce	*	*	*	1,720	*	-	*	*	-
Head Cabbage	*	*	*	1,407	*	-	*	*	-
Ethiopian Cabbage	-	-	-	*	*	-	-	-	-
Tomatoes	-	-	-	4,439	55	-	-	-	-
Green peppers	-	-	-	10,663	183	-	-	-	-
Red papers	-	-	-	*	*	-	-	-	-
Swiss chard	-	-	-	4,069	7	-	-	-	-
Root Crops	*	*	*	31,979	1,070	-	*	*	-
Beet root	-	-	-	*	*	-	-	-	-
Carrot	*	*	*	*	*	-	*	*	-
Onion	*	*	*	7,899	543	-	-	-	-
Potatoes	*	*	*	*	*	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	18,040	218	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	*	*	-	-	-	-
Other Temporary	-	-	-	6,961	44	-	-	-	-
Fruit Crops				13,938	147				
Avocado				*	*				
Bananas				*	*				
Guava				4,658	*				
Lemons				*	*				
Mangos				*	*				
Oranges				*	*				
Papayas				2,654	*				
Pineapples				-	-				
Stimulant Crops	-	-	-	52,263	*		*	*	-
Chat				*	*				
Coffee				6,999	*		*	*	-
Hops/'Gesho'				45,833	355				
Enset				-	-				
Sugar Cane				-	-				
Other Permanent				51,883	844				

(Table 1.1.4: Cont'd)

South Tigray, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	26,580	15,598	45,419	4,884	99,595	70,712
Cereals	24,590	14,622	15,346	2,046	93,583	68,224
<i>Teff</i>	13,158	*	4,602	503	45,440	16,628
<i>Barley</i>	6,386	*	*	*	50,659	15,644
<i>Wheat</i>	7,890	3,150	5,167	703	62,584	21,975
<i>Maize</i>	*	*	7,655	*	29,597	3,261
<i>Sorghum</i>	5,387	1,679	*	*	30,019	10,487
<i>Finger millet</i>	-	-	-	-	2,351	*
<i>Oats/'Aja'</i>	-	-	-	-	-	-
<i>Rice</i>	-	-	-	-	-	-
Pulse	*	*	2,277	56	9,511	1,218
<i>Horse/Faba beans</i>	-	-	-	-	*	*
<i>Field peas</i>	-	-	*	*	*	*
<i>White Haricot beans</i>	-	-	-	-	-	-
<i>Red Haricot beans</i>	*	*	-	-	*	*
<i>Chick peas</i>	-	-	*	*	-	-
<i>Lentils</i>	-	-	-	-	*	*
<i>Vetch/Grass peas</i>	-	-	-	-	*	*
<i>Soya beans</i>	-	-	-	-	-	-
<i>Fenugreek</i>	-	-	1,291	*	*	*
<i>Mung bean/'Masho'</i>	-	-	-	-	-	-
<i>Gibto</i>	-	-	-	-	-	-
Oil Seeds	-	-	*	*	*	*
<i>Nueg</i>	-	-	-	-	-	-
<i>Linseed</i>	-	-	*	*	*	*
<i>Ground nuts</i>	-	-	-	-	-	-
<i>Safflower</i>	-	-	-	-	-	-
<i>Sesame</i>	-	-	-	-	-	-
<i>Rapeseed</i>	-	-	-	-	-	-
Vegetables	*	*	11,765	359	8,322	211
<i>Lettuce</i>	*	*	*	*	*	*
<i>Head Cabbage</i>	*	*	1,680	*	*	*
<i>Ethiopian Cabbage</i>	-	-	-	-	-	-
<i>Tomatoes</i>	-	-	3,412	54	*	*
<i>Green peppers</i>	-	-	5,820	166	5,027	*
<i>Red papers</i>	-	-	*	*	*	*
<i>Swiss chard</i>	-	-	2,848	*	*	*
Root Crops	*	*	14,266	694	11,630	439
<i>Beet root</i>	-	-	-	-	-	-
<i>Carrot</i>	*	*	*	*	*	*
<i>Onion</i>	*	*	4,846	*	3,536	237
<i>Potatoes</i>	-	-	*	*	*	*
<i>Yam</i>	-	-	-	-	-	-
<i>Garlic</i>	-	-	7,254	*	4,786	96
<i>Taro/'Godere'</i>	-	-	-	-	-	-
<i>Sweet potatoes</i>	-	-	-	-	-	-
Other Temporary	-	-	*	*	*	*
Fruit Crops	*	*	11,214	110	2,150	*
<i>Avocado</i>	-	-	*	*	*	*
<i>Bananas</i>	-	-	*	*	*	*
<i>Guava</i>	*	*	4,227	*	*	*
<i>Lemons</i>	-	-	*	*	*	*
<i>Mangos</i>	-	-	*	*	-	-
<i>Oranges</i>	-	-	*	*	*	*
<i>Papayas</i>	-	-	1,672	*	1,051	*
<i>Pineapples</i>	-	-	-	-	-	-
Stimulant Crops	-	-	27,618	*	12,375	*
<i>Chat</i>	-	-	*	*	-	-
<i>Coffee</i>	-	-	6,505	*	*	*
<i>Hops/'Gesho'</i>	-	-	22,601	263	12,375	*
Enset	-	-	*	*		
Sugar Cane	-	-	-	-	-	-
Other Permanent	*	*	7,395	*	5,702	*

Table1.1.5: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Western Tigray

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	194,418	56,470	26,735	75,333	22,621	8,696	7,695	3,815
Cereals	101,461	38,374	19,006	70,250	17,850	7,400	4,764	2,603
Teff	6,972	5,593	5,285	2,098	483	1,553	*	400
Barley	2,801	2,256	1,774	3,710	831	-	-	-
Wheat	1,469	1,325	1,794	1,298	164	-	-	-
Maize	5,558	4,739	172	64,161	4,462	2,345	188	104
Sorghum	74,561	20,937	7,329	20,124	10,816	4,225	3,087	1,803
Finger millet	9,677	3,237	2,087	6,158	1,095	1,372	541	241
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	*	*	*	-	-	*	*	*
Pulse	707	268	*	3,562	192	-	-	-
Horse/Faba beans	303	117	*	2,341	102	-	-	-
Field peas	*	*	*	*	*	-	-	-
White Haricot	*	*	-	*	*	-	-	-
Red Haricot beans	*	-	-	-	-	-	-	-
Chick peas	134	*	*	*	*	-	-	-
Lentils	*	*	-	*	*	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Mung bean/'Masho'	*	*	-	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	91,047	17,162	7,262	10,471	4,106	2,251	2,868	1,119
Nueg	2,517	*	-	*	*	-	-	-
Linseed	91	*	-	*	*	-	-	-
Ground nuts	*	-	-	-	-	-	-	-
Safflower	*	-	-	-	-	-	-	-
Sesame	88,422	16,811	7,262	6,874	3,755	2,251	2,868	1,119
Rapeseed	*	*	-	*	*	-	-	-
Vegetables	511	388	*	27,522	276	1,016	*	*
Lettuce	*	*	-	*	*	-	-	-
Head Cabbage	*	*	*	*	*	*	*	*
Ethiopian Cabbage	-	-	-	-	-	-	-	-
Tomatoes	84	80	*	4,380	53	*	*	*
Green peppers	12	8	*	2,931	8	-	-	-
Red papers	409	295	*	24,002	211	*	*	*
Swiss chard	*	*	-	*	*	-	-	-
Root Crops	146	129	*	7,145	50	*	*	*
Beet root	*	*	-	*	*	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	*	*	*	-	-	-	-	-
Potatoes	*	*	*	*	*	*	*	*
Yam	-	-	-	-	-	-	-	-
Garlic	68	55	*	6,912	49	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-
Other Temporary	46	31	*	*	31	*	*	*
Fruit Crops	353	*		2,281	*			
Avocado	-	-		-	-			
Bananas	*	*		*	*			
Guava	*	*		*	*			
Lemons	74	*		*	*			
Mangos	*	*		*	*			
Oranges	*	*		*	*			
Papayas	*	*		1,197	*			
Pineapples	-	-		-	-			
Stimulant Crops	136	36		3,136	35			
Chat	-	-		-	-			
Coffee	*	*		*	*			
Hops/'Gesho'	125	35		3,136	34			
Enset	-	-		-	-			
Sugar Cane	-	-		-	-			
Other Permanent	*	*		*	*			

(Table 1.1.5: cont'd.)

Western Tigray, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	4,840	4,227	1,569	20,680	21,926	21,351	-	-	-
Cereals	3,061	1,666	882	19,104	14,094	15,521	-	-	-
Teff	*	*	*	8,932	3,990	4,716	-	-	-
Barley	*	*	*	2,607	1,419	1,769	-	-	-
Wheat	-	-	-	3,280	1,161	1,794	-	-	-
Maize	*	*	*	823	74	58	-	-	-
Sorghum	1,401	1,149	511	6,866	5,886	5,015	-	-	-
Finger millet	*	*	*	6,235	1,327	1,660	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	*	*	*	-	-	-
Pulse	-	-	-	695	*	*	-	-	-
Horse/Faba beans	-	-	-	*	*	*	-	-	-
Field peas	-	-	-	*	*	*	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	*	*	*	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	4,621	7,670	5,478	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	*	*	*	4,621	7,670	5,478	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	713	*	*	984	6	13	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	*	*	*	-	-	-
Red papers	713	*	*	892	6	13	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	*	*	*	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	*	*	*	-	-	-
Potatoes	-	-	-	*	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	*	*	*	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1.1.5: cont'd.)

Western Tigray, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	110,549	189,438	35,564	8,090	4,979	628
Cereals	-	-	-	103,018	99,827	25,662	2,066	1,634	442
Teff	-	-	-	16,853	6,906	2,012	*	*	*
Barley	-	-	-	7,151	2,801	4,387	-	-	-
Wheat	-	-	-	5,250	1,469	2,171	-	-	-
Maize	-	-	-	82,425	5,551	1,854	*	*	*
Sorghum	-	-	-	83,634	73,120	12,072	1,122	1,440	208
Finger millet	-	-	-	34,649	9,677	2,926	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	*	*	*	*	*	*
Pulse	-	-	-	9,237	707	282	-	-	-
Horse/Faba beans	-	-	-	4,290	303	153	-	-	-
Field peas	-	-	-	946	*	*	-	-	-
White Haricot	-	-	-	1,287	*	9	-	-	-
Red Haricot beans	-	-	-	*	*	*	-	-	-
Chick peas	-	-	-	1,085	134	*	-	-	-
Lentils	-	-	-	*	*	*	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/"Masho"	-	-	-	*	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	81,854	87,973	9,620	2,360	3,074	186
Nueg	-	-	-	14,217	2,517	720	-	-	-
Linseed	-	-	-	1,604	91	*	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	71,596	85,348	8,788	2,360	3,074	186
Rapeseed	-	-	-	*	*	*	-	-	-
Vegetables	-	-	-	38,279	462	-	*	*	-
Lettuce	-	-	-	*	*	-	-	-	-
Head Cabbage	-	-	-	*	*	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	4,951	42	-	*	*	-
Green peppers	-	-	-	4,419	12	-	-	-	-
Red papers	-	-	-	33,320	402	-	*	*	-
Swiss chard	-	-	-	*	*	-	-	-	-
Root Crops	-	-	-	10,638	134	-	*	*	-
Beet root	-	-	-	*	*	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	*	*	-	-	-	-
Potatoes	-	-	-	*	*	-	*	*	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	9,841	68	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	6,417	46	-	-	-	-
Fruit Crops	-	-	-	6,854	161	-	-	-	-
Avocado	-	-	-	-	-	-	-	-	-
Bananas	-	-	-	588	*	-	-	-	-
Guava	-	-	-	*	*	-	-	-	-
Lemons	-	-	-	4,430	70	-	-	-	-
Mangos	-	-	-	*	*	-	-	-	-
Oranges	-	-	-	*	*	-	-	-	-
Papayas	-	-	-	2,999	7	-	-	-	-
Pineapples	-	-	-	-	-	-	-	-	-
Stimulant Crops	-	-	-	14,511	117	-	*	*	-
Chat	-	-	-	-	-	-	-	-	-
Coffee	-	-	-	1,385	*	-	*	*	-
Hops/'Gesho'	-	-	-	14,106	108	-	-	-	-
Enset	-	-	-	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-	-	-	-
Other Permanent	-	-	-	1,951	*	-	-	-	-

(Table 1.1.5: Cont'd) Western Tigray, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	51,475	58,348	13,022	733	67,855	83,817
Cereals	49,225	50,710	949	124	61,931	62,064
Teff	5,614	2,515	-	-	12,146	5,418
Barley	*	*	*	*	2,731	1,394
Wheat	734	*	-	-	3,375	1,164
Maize	3,864	363	872	*	8,484	706
Sorghum	43,973	43,832	*	*	47,884	47,969
Finger millet	10,831	3,473	-	-	16,293	4,990
Oats/'Aja'	-	-	-	-	-	-
Rice	*	*	-	-	*	*
Pulse	*	*	*	*	958	*
Horse/Faba beans	*	*	*	*	*	*
Field peas	*	*	-	-	*	*
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-
Chick peas	-	-	-	-	*	*
Lentils	-	-	-	-	-	-
Veitch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	7,734	7,453	*	*	16,171	21,134
Nueg	*	*	*	*	*	*
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	7,734	7,407	*	*	16,171	21,088
Rapeseed	-	-	*	*	-	-
Vegetables	*	*	4,841	*	4,480	152
Lettuce	-	-	*	*	-	-
Head Cabbage	-	-	*	*	*	*
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	*	*	1,272	*	*	*
Green peppers	-	-	*	*	*	*
Red papers	*	*	3,669	*	3,476	*
Swiss chard	-	-	*	*	*	*
Root Crops	-	-	1,000	*	754	*
Beet root	-	-	*	*	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	*	*	*	*
Potatoes	-	-	-	-	*	*
Yam	-	-	-	-	-	-
Garlic	-	-	*	*	*	*
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	-	-	*	*	*	*
Fruit Crops	*	*	5,850	*	3,103	*
Avocado	-	-	-	-	-	-
Bananas	*	*	487	*	*	*
Guava	-	-	*	*	*	*
Lemons	-	-	2,939	*	*	*
Mangos	*	*	*	*	944	*
Oranges	-	-	*	*	*	*
Papayas	*	*	2,824	*	1,423	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	6,144	47	*	*
Chat	-	-	-	-	-	-
Coffee	-	-	611	*	*	*
Hops/'Gesho'	*	*	6,144	45	*	*
Enset	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-
Other Permanent	*	*	1,396	*	*	*

Table1.2: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Afar Region

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	13,241	1,394	918	*	402	*	*	*
Cereals	7,123	955	361	*	311	*	*	*
Teff	*	*	*	*	*	*	*	*
Barley	-	-	-	-	-	-	-	-
Wheat	*	-	-	-	-	-	-	-
Maize	4,665	*	*	*	*	*	*	*
Sorghum	1,556	*	*	*	*	*	*	*
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	1,038	*	*	*	*	*	*	*
Horse/Faba beans	-	-	-	-	-	-	-	-
Field peas	*	-	-	-	-	-	-	-
White Haricot	*	*	*	-	-	*	*	*
Red Haricot beans	*	-	-	-	-	-	-	-
Chick peas	*	*	-	*	*	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Mung bean/'Masho'	*	*	*	*	*	*	*	*
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	*	*	*	*	*
Nueg	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-
Safflower	*	*	*	-	-	*	*	*
Sesame	*	*	*	*	*	*	*	*
Rapeseed	*	-	-	-	-	-	-	-
Vegetables	1,054	*	*	*	*	*	*	*
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-
Ethiopian Cabbage	*	-	-	-	-	-	-	-
Tomatoes	*	-	-	-	-	-	-	-
Green peppers	*	*	*	*	*	*	*	*
Red papers	*	*	-	*	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	*	*	*	-	-	-	-	-
Beet root	*	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	*	*	*	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	*	-	-	-	-	-	-	-
Other Temporary	*	-	-	-	-	-	-	-
Fruit Crops	120	*	*	*	*	*	*	*
Avocado	-	-	-	-	-	-	-	-
Bananas	*	*	*	*	*	*	*	*
Guava	*	-	-	-	-	-	-	-
Lemons	*	-	-	-	-	-	-	-
Mangos	30	-	-	-	-	-	-	-
Oranges	*	*	*	*	*	*	*	*
Papayas	*	*	*	*	*	*	*	*
Pineapples	-	-	-	-	-	-	-	-
Stimulant Crops	-	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-	-
Hops/'Gesho'	-	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-	-	-
Other Permanent	3,165	*	*	*	*	*	*	*

(Table 1.2: cont'd.)

Afar Region, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	168	*	*	*	*	*	-	-	-
Cereals	*	*	*	*	*	*	-	-	-
Teff	*	*	*	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	*	*	*	*	*	*	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	-	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	*	*	*	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1.2: cont'd.)

Afar Region, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	157,442	10,365	28,615	79,108	2,877	16,194
Cereals	-	-	-	76,611	4,706	27,709	77,497	2,417	16,174
Teff	-	-	-	*	*	*	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	*	*	*	-	-	-
Maize	-	-	-	71,053	2,248	26,090	77,497	2,417	16,174
Sorghum	-	-	-	*	1,556	*	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	9,432	1,020	*	*	*	*
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	*	*	*	-	-	-
White Haricot	-	-	-	*	*	*	-	-	-
Red Haricot beans	-	-	-	*	*	*	-	-	-
Chick peas	-	-	-	-	-	-	*	*	*
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/"Masho"	-	-	-	*	*	*	*	*	*
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	*	*	*	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	*	*	*	-	-	-
Rapeseed	-	-	-	-	-	-	*	*	*
Vegetables	-	-	-	23,767	666	-	*	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	*	*	-	-	-	-
Tomatoes	-	-	-	*	*	-	*	*	-
Green peppers	-	-	-	*	*	-	-	-	-
Red papers	-	-	-	17,217	*	-	*	*	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	2,568	*	-	*	*	-
Beet root	-	-	-	-	-	-	*	*	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	*	*	-	*	*	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	*	*	-	-	-	-
Other Temporary	-	-	-	*	*	-	-	-	-
Fruit Crops	-	-	-	9,460	100	-	-	-	-
Avocado	-	-	-	-	-	-	-	-	-
Bananas	-	-	-	*	*	-	-	-	-
Guava	-	-	-	*	*	-	-	-	-
Lemons	-	-	-	5,889	*	-	-	-	-
Mangos	-	-	-	*	*	-	-	-	-
Oranges	-	-	-	*	*	-	-	-	-
Papayas	-	-	-	*	*	-	-	-	-
Pineapples	-	-	-	-	-	-	-	-	-
Stimulant Crops	-	-	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-	-	-
Hops/'Gesho'	-	-	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-	-	-	-
Other Permanent	-	-	-	108,505	3,161	-	-	-	-

(Table 1.2: Cont'd) Afar Region, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	3,737	1,720	184,953	8,995	*	1,448
Cereals	*	*	146,363	4,979	*	*
Teff	*	*	-	-	*	*
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	*	*	143,261	4,443	*	*
Sorghum	*	*	*	*	*	*
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	*	*	11,014	*	*	*
Horse/Faba beans	-	-	-	-	-	-
Field peas	-	-	*	*	-	-
White Haricot beans	-	-	*	*	*	*
Red Haricot beans	-	-	*	*	-	-
Chick peas	-	-	*	*	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	*	*	*	*	*	*
Gibto	-	-	-	-	-	-
Oil Seeds	*	*	*	*	*	*
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	*	*	*	*	*	*
Rapeseed	-	-	*	*	-	-
Vegetables	*	*	25,004	1,044	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	*	*	10,324	*	*	*
Green peppers	*	*	*	*	*	*
Red papers	*	*	18,146	*	-	-
Swiss chard	-	-	-	-	-	-
Root Crops	*	*	4,154	*	*	*
Beet root	-	-	*	*	-	-
Carrot	-	-	-	-	-	-
Onion	*	*	*	*	*	*
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	*	*	-	-
Other Temporary	*	*	*	*	*	*
Fruit Crops	-	-	10,094	118	*	*
Avocado	-	-	-	-	-	-
Bananas	-	-	*	*	-	-
Guava	-	-	*	*	*	*
Lemons	-	-	5,567	*	*	*
Mangos	-	-	5,858	30	*	*
Oranges	-	-	-	-	-	-
Papayas	-	-	*	*	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	-	-	-	-	-	-
Chat	-	-	-	-	-	-
Coffee	-	-	-	-	-	-
Hops/'Gesho'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-
Other Permanent	*	*	59,137	1,640	*	*

Table1.2.1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Zone 1

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	8,793	*	*	*	*	*	*	*
Cereals	3,833	*	*	*	*	*	*	*
Teff	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-
Maize	3,297	*	*	*	*	*	*	*
Sorghum	*	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	*	*	*	*	*	*	*	*
Horse/Faba beans	-	-	-	-	-	-	-	-
Field peas	*	-	-	-	-	-	-	-
White Haricot	*	*	*	-	-	*	*	*
Red Haricot beans	*	-	-	-	-	-	-	-
Chick peas	*	*	-	*	*	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Mung bean/'Masho'	*	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	*	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	*	-	-	-	-	-	-	-
Rapeseed	*	-	-	-	-	-	-	-
Vegetables	1,031	*	-	*	*	-	-	-
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-
Tomatoes	*	-	-	-	-	-	-	-
Green peppers	*	-	-	-	-	-	-	-
Red papers	*	*	-	*	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	*	-	-	-	-	-	-	-
Beet root	*	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	*	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	*	-	-	-	-	-	-	-
Other Temporary	*	-	-	-	-	-	-	-
Fruit Crops	91	-	-	-	-	-	-	-
Avocado	-	-	-	-	-	-	-	-
Bananas	*	-	-	-	-	-	-	-
Guava	*	-	-	-	-	-	-	-
Lemons	*	-	-	-	-	-	-	-
Mangos	*	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-	-
Papayas	*	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-	-
Stimulant Crops	-	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-	-
Hops/'Gesho'	-	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-	-	-
Other Permanent	3,146	*	-	*	*	-	-	-

(Table 1.2.1: cont'd.)

Zone 1, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	-	-	-	-	-	-
Cereals	*	*	*	-	-	-	-	-	-
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	*	*	*	-	-	-	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1.2.1: cont'd.)

Zone 1, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	153,649	6,701	27,984	78,584	2,092	16,142
Cereals	-	-	-	73,675	2,199	27,300	*	*	16,122
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	70,573	1,664	26,047	*	*	16,122
Sorghum	-	-	-	*	*	*	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	8,090	*	*	*	*	*
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	*	*	*	-	-	-
White Haricot	-	-	-	*	*	*	-	-	-
Red Haricot beans	-	-	-	*	*	*	-	-	-
Chick peas	-	-	-	-	-	-	*	*	*
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/"Masho"	-	-	-	*	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	*	*	*	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	*	*	*	-	-	-
Rapeseed	-	-	-	-	-	-	*	*	*
Vegetables	-	-	-	23,217	643	-	*	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	*	*	-	*	*	-
Green peppers	-	-	-	*	*	-	-	-	-
Red papers	-	-	-	17,163	*	-	*	*	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	*	*	-	*	*	-
Beet root	-	-	-	-	-	-	*	*	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	*	*	-	*	*	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	*	*	-	-	-	-
Other Temporary	-	-	-	*	*	-	-	-	-
Fruit Crops	-	-	-	8,994	*	-	-	-	-
Avocado	-	-	-	-	-	-	-	-	-
Bananas	-	-	-	*	*	-	-	-	-
Guava	-	-	-	*	*	-	-	-	-
Lemons	-	-	-	5,832	*	-	-	-	-
Mangos	-	-	-	*	*	-	-	-	-
Oranges	-	-	-	-	-	-	-	-	-
Papayas	-	-	-	*	*	-	-	-	-
Pineapples	-	-	-	-	-	-	-	-	-
Stimulant Crops	-	-	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-	-	-
Hops/'Gesho'	-	-	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-	-	-	-
Other Permanent	-	-	-	108,315	3,143	-	-	-	-

(Table 1.2.1: Cont'd)

Zone 1, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	*	*	183,443	7,256	*	*
Cereals	-	-	145,823	3,805	*	*
Teff	-	-	-	-	-	-
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	-	-	142,721	3,269	*	*
Sorghum	-	-	*	*	-	-
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	-	-	10,989	*	*	*
Horse/Faba beans	-	-	-	-	-	-
Field peas	-	-	*	*	-	-
White Haricot beans	-	-	*	*	*	*
Red Haricot beans	-	-	*	*	-	-
Chick peas	-	-	*	*	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho"	-	-	*	*	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	*	*	-	-
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	*	*	-	-
Rapeseed	-	-	*	*	-	-
Vegetables	*	*	24,869	1,031	-	-
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	-	-	10,211	*	-	-
Green peppers	-	-	*	*	-	-
Red papers	*	*	18,146	*	-	-
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	3,803	*	*	*
Beet root	-	-	*	*	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	*	*	*	*
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	*	*	-	-
Other Temporary	-	-	*	*	-	-
Fruit Crops	-	-	9,656	90	*	*
Avocado	-	-	-	-	-	-
Bananas	-	-	*	*	-	-
Guava	-	-	*	*	*	*
Lemons	-	-	5,511	*	*	*
Mangos	-	-	5,801	*	*	*
Oranges	-	-	-	-	-	-
Papayas	-	-	*	*	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	-	-	-	-	-	-
Chat	-	-	-	-	-	-
Coffee	-	-	-	-	-	-
Hops/'Gesho'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-
Other Permanent	*	*	59,031	1,638	*	*

Table1.2.3: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Zone 3

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	4,448	1,215	842	*	*	*	*	*
Cereals	3,291	809	*	*	*	*	*	*
Teff	*	*	*	*	*	*	*	*
Barley	-	-	-	-	-	-	-	-
Wheat	*	-	-	-	-	-	-	-
Maize	*	*	*	*	*	*	*	*
Sorghum	*	*	*	*	*	*	*	*
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	*	*	*	*	*	*	*	*
Horse/Faba beans	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-
White Haricot	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Mung bean/'Masho'	*	*	*	*	*	*	*	*
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	*	*	*	*	*
Nueg	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-
Safflower	*	*	*	-	*	*	*	*
Sesame	*	*	*	*	*	*	*	*
Rapeseed	-	-	-	-	-	-	-	-
Vegetables	23	*	*	*	*	*	*	*
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-
Ethiopian Cabbage	*	-	-	-	-	-	-	-
Tomatoes	*	-	-	-	-	-	-	-
Green peppers	*	*	*	*	*	*	*	*
Red papers	*	*	-	*	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	*	*	*	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	*	*	*	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	*	-	-	-	-	-	-	-
Other Temporary	*	-	-	-	-	-	-	-
Fruit Crops	*	*	*	*	*			
Avocado	-	-	-	-	-			
Bananas	*	*	*	*	*			
Guava	*	-	-	-	-			
Lemons	*	-	-	-	-			
Mangos	*	-	-	-	-			
Oranges	*	*	*	*	*			
Papayas	*	*	*	*	*			
Pineapples	-	-	-	-	-			
Stimulant Crops	-	-	-	-	-			
Chat	-	-	-	-	-			
Coffee	-	-	-	-	-			
Hops/'Gesho'	-	-	-	-	-			
Enset	-	-	-	-	-			
Sugar Cane	-	-	-	-	-			
Other Permanent	*	-	-	-	-			

(Table 1.2.3: cont'd.)

Zone 3, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	*	*	*	-	-	-
Cereals	*	*	*	-	-	-	-	-	-
Teff	*	*	*	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	*	*	*	-	-	-	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	*	*	*	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	*	*	*	*	*	*	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1.2.3: cont'd.)

Zone 3, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	3,793	3,664	*	*	*	*
Cereals	-	-	-	2,936	2,507	*	*	*	*
Teff	-	-	-	*	*	*	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	*	*	*	-	-	-
Maize	-	-	-	481	*	*	*	*	*
Sorghum	-	-	-	2,017	*	*	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	*	*	*	*	*	*
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	*	*	*	*	*	*
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	*	*	*	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	*	23	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	*	*	-	-	-	-
Tomatoes	-	-	-	*	*	-	-	-	-
Green peppers	-	-	-	*	*	-	-	-	-
Red papers	-	-	-	*	*	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	*	*	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	*	*	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	*	*	-	-	-	-
Other Temporary	-	-	-	*	*	-	-	-	-
Fruit Crops				*	*				
Avocado				-	-				
Bananas				*	*				
Guava				*	*				
Lemons				*	*				
Mangos				*	*				
Oranges				*	*				
Papayas				*	*				
Pineapples				-	-				
Stimulant Crops	-	-	-	-	-		-	-	-
Chat				-	-				
Coffee				-	-		-	-	-
Hops/'Gesho'				-	-				
Enset				-	-				
Sugar Cane				-	-				
Other Permanent				*	*				

(Table 1.2.3: Cont'd) Zone 3, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	2,219	1,609	1,509	1,739	780	*
Cereals	*	*	*	*	*	*
Teff	*	*	-	-	*	*
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	*	*	*	*	*	*
Sorghum	*	*	-	-	*	*
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	*	*	*	*	*	*
Horse/Faba beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	*	*	*	*	*	*
Gibto	-	-	-	-	-	-
Oil Seeds	*	*	-	-	*	*
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	*	*	-	-	*	*
Rapeseed	-	-	-	-	-	-
Vegetables	*	*	*	*	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	*	*	*	*	*	*
Green peppers	*	*	*	*	*	*
Red papers	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-
Root Crops	*	*	*	*	*	*
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	*	*	*	*	*	*
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	*	*	-	-
Other Temporary	*	*	*	*	*	*
Fruit Crops	-	-	*	*	-	-
Avocado	-	-	-	-	-	-
Bananas	-	-	*	*	-	-
Guava	-	-	*	*	-	-
Lemons	-	-	*	*	-	-
Mangos	-	-	*	*	-	-
Oranges	-	-	-	-	-	-
Papayas	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	-	-	-	-	-	-
Chat	-	-	-	-	-	-
Coffee	-	-	-	-	-	-
Hops/'Gesho'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-
Other Permanent	*	*	*	*	*	*

Table1.3: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Amahara Region

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	4,636,577	2,620,589	4,514,298	2,701,974	315,644	328,886	111,182	95,707
Cereals	3,491,476	2,341,311	3,829,765	1,685,641	224,161	286,409	102,721	88,480
Teff	1,137,844	916,896	1,318,377	114,471	20,433	147,832	52,279	40,647
Barley	323,656	159,962	152,878	350,874	50,212	39,733	8,285	8,562
Wheat	554,284	452,894	920,595	204,337	20,504	68,184	12,830	13,213
Maize	519,496	479,907	1,126,636	1,232,006	83,480	53,756	5,968	5,125
Sorghum	670,114	110,813	79,151	219,401	41,995	19,919	6,519	3,171
Finger millet	246,666	192,136	205,510	46,976	4,322	51,788	15,879	16,848
Oats/'Aja'	3,002	1,279	883	10,743	705	*	*	*
Rice	36,414	27,425	25,736	*	*	*	*	*
Pulse	651,045	102,642	98,259	411,670	40,045	29,263	4,602	2,703
Horse/Faba	145,714	47,686	35,104	262,263	25,607	12,127	1,085	772
Field peas	75,895	15,777	20,790	50,780	3,689	7,304	*	*
White Haricot	33,878	3,984	1,292	26,004	2,685	*	*	*
Red Haricot	30,089	2,789	*	35,075	782	*	*	*
Chick peas	127,583	8,305	*	24,896	2,133	*	*	*
Lentils	59,290	10,949	8,850	17,372	1,020	3,857	*	*
Vetch/Grass	97,823	2,168	1,718	12,352	1,000	-	-	-
Soya beans	13,677	*	*	*	*	*	*	*
Fenugreek	18,223	5,492	4,982	46,687	506	*	*	*
Mung	28,993	3,710	711	11,280	*	*	*	*
Gibto	19,880	997	2,006	*	*	*	*	*
Oil Seeds	300,869	35,182	109,776	230,150	9,132	34,452	1,654	1,749
Nueg	85,215	6,640	4,106	14,622	*	*	*	*
Linseed	23,847	2,466	1,623	35,204	1,013	*	*	*
Ground nuts	7,104	*	*	6,137	171	*	*	*
Safflower	5,924	2,337	9,421	22,119	469	*	*	*
Sesame	163,049	9,596	5,834	19,350	1,098	2,644	165	*
Rapeseed	15,730	13,797	88,570	151,475	3,431	*	*	*
Vegetables	74,123	65,665	282,758	766,372	6,298	22,544	481	665
Lettuce	9	8	*	6,414	5	-	-	-
Head Cabbage	896	721	1,357	61,242	319	*	*	*
Ethiopian	981	654	1,392	151,170	558	*	*	*
Tomatoes	1,074	693	*	20,118	*	*	*	*
Green peppers	2,037	1,734	*	176,279	705	*	*	*
Red papers	69,020	61,815	274,602	405,841	4,505	15,481	437	607
Swiss chard	*	39	*	26,455	33	-	-	-
Root Crops	40,888	32,178	79,285	653,181	8,217	38,439	974	1,238
Beet root	296	232	227	41,244	186	-	-	-
Carrot	345	232	*	14,773	*	-	-	-
Onion	13,755	12,708	*	69,588	502	8,631	*	*
Potatoes	18,185	13,526	14,059	205,097	5,495	13,958	522	604
Yam	*	*	-	*	*	-	-	-
Garlic	7,470	5,240	14,530	408,553	1,752	19,240	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	823	231	*	15,314	*	-	-	-
Other Temporary	22,347	13,488	60,442	365,301	2,513	15,971	*	*
Fruit Crops	4,505	1,611		267,140	1,415			
Avocado	131	70		26,301	69			
Bananas	1,355	388		85,024	379			
Guava	292	108		32,583	70			
Lemons	475	*		37,723	*			
Mangos	1,032	332		94,629	298			
Oranges	705	262		62,702	253			
Papayas	515	289		49,646	185			
Pineapples	-	-		-	-			
Stimulant	43,098	25,110		1,030,488	20,961			
Chat	11,260	5,933		152,785	5,459			
Coffee	8,804	5,150		296,805	4,928			
Hops/'Gesho'	23,034	14,027		877,164	10,574			
Enset	-	-		-	-			
Sugar Cane	5,394	1,906		41,337	1,772			
Other	2,830	1,496		394,103	1,130			

(Table 1.3: cont'd.)

Amahara Region, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	826,436	203,065	128,004	893,180	446,202	671,526	819,436	401,995	464,525
Cereals	657,874	182,646	116,435	868,955	416,992	615,827	709,500	358,893	404,134
Teff	252,752	73,345	41,172	505,858	185,494	220,249	368,422	161,914	156,291
Barley	36,635	5,562	2,979	118,843	26,226	41,520	127,187	32,914	40,437
Wheat	74,449	13,476	9,477	356,851	98,297	161,081	133,050	36,117	65,115
Maize	272,785	37,969	32,082	300,954	57,990	131,324	156,216	19,402	27,017
Sorghum	60,051	20,207	10,526	73,530	21,705	*	16,992	3,894	4,900
Finger millet	95,430	18,734	10,362	97,583	23,822	32,778	234,502	100,095	104,793
Oats/'Aja'	-	-	-	*	*	*	*	*	*
Rice	37,080	*	*	*	3,222	4,376	*	*	*
Pulse	54,344	5,635	2,662	60,660	5,899	9,868	209,415	30,725	34,611
Horse/Faba beans	17,256	958	585	24,364	1,122	2,428	130,671	15,444	17,411
Field peas	3,677	199	139	14,961	1,083	1,605	68,870	8,195	9,716
White Haricot beans	*	*	*	*	*	*	*	*	*
Red Haricot beans	*	*	349	*	*	*	*	*	*
Chick peas	3,710	567	*	*	*	*	*	*	*
Lentils	9,199	999	541	*	*	*	14,157	*	*
Vetch/Grass peas	-	-	-	*	*	*	*	*	*
Soya beans	-	-	-	*	*	*	*	*	*
Fenugreek	8,672	857	*	6,800	*	*	12,350	1,033	*
Mung bean/'Masho'	3,413	*	*	*	*	*	-	-	-
Gibto	*	*	*	*	*	*	8,794	538	944
Oil Seeds	54,324	6,262	2,723	78,531	6,311	9,679	69,495	5,318	11,452
Nueg	7,221	*	218	7,993	304	*	11,465	2,544	1,382
Linseed	3,960	69	66	9,986	*	*	*	*	*
Ground nuts	-	-	-	*	*	*	*	*	*
Safflower	5,067	446	373	*	*	*	*	*	*
Sesame	17,345	*	1,411	11,292	*	1,117	4,061	*	*
Rapeseed	22,473	715	655	43,306	1,867	5,968	46,295	2,034	6,251
Vegetables	200,219	3,910	2,831	107,882	5,041	11,914	58,867	1,706	5,357
Lettuce	*	*	*	-	-	-	-	-	-
Head Cabbage	12,478	159	153	*	*	*	5,835	12	114
Ethiopian Cabbage	9,037	31	28	-	-	-	*	*	*
Tomatoes	4,606	*	*	*	*	*	*	*	*
Green peppers	22,543	*	*	*	*	*	7,981	44	153
Red papers	157,643	3,417	2,389	96,729	4,663	*	44,352	1,643	5,052
Swiss chard	2,379	*	*	-	-	-	*	*	*
Root Crops	112,011	2,690	2,304	114,083	4,173	9,944	94,435	4,832	5,534
Beet root	*	*	*	-	-	-	-	-	-
Carrot	*	*	*	*	*	*	-	-	-
Onion	30,866	*	1,084	25,758	*	*	10,620	*	*
Potatoes	21,747	817	733	36,758	1,511	3,143	59,612	2,829	3,861
Yam	-	-	-	-	-	-	-	-	-
Garlic	63,664	486	448	58,897	*	*	27,496	171	609
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	1,838	*	*
Other Temporary	41,185	*	507	50,433	*	*	15,728	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1.3: cont'd.)

Amahara Region, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	1,760,314	1,142,502	3,154,535	4,694,078	4,226,934	3,207,538	1,395,201	409,643	163,931
Cereals	1,689,423	1,055,899	2,604,889	4,341,799	3,091,710	2,391,369	1,289,122	399,766	160,930
Teff	901,145	423,432	860,019	2,535,339	1,093,165	453,005	131,909	44,680	13,083
Barley	170,809	36,763	59,381	1,331,374	320,607	533,704	19,432	3,049	*
Wheat	776,480	271,668	671,709	1,701,006	519,164	990,050	177,368	35,121	66,033
Maize	902,041	275,098	931,088	2,200,290	203,794	82,488	1,073,967	315,702	74,095
Sorghum	66,143	16,491	*	1,397,846	668,965	142,966	5,113	*	387
Finger millet	106,895	29,285	40,730	807,091	246,600	119,588	*	*	*
Oats/'Aja'	5,070	*	438	39,139	3,002	3,494	-	-	-
Rice	*	*	*	81,760	36,414	66,074	-	-	-
Pulse	139,052	15,737	48,415	2,539,604	648,309	751,853	15,023	*	*
Horse/Faba beans	57,590	3,471	13,908	1,155,136	145,552	222,852	2,274	*	*
Field peas	29,416	2,012	8,767	591,166	75,895	96,348	-	-	-
White Haricot	*	*	*	194,602	33,308	22,795	*	*	*
Red Haricot beans	*	*	*	214,405	30,070	47,319	*	*	*
Chick peas	*	*	*	649,073	126,118	130,219	*	*	*
Lentils	26,796	3,990	4,472	405,587	59,197	50,729	*	*	*
Vetch/Grass peas	*	*	*	550,745	97,823	123,781	-	-	-
Soya beans	*	*	*	40,890	13,677	26,072	-	-	-
Fenugreek	28,123	2,204	3,002	269,102	18,223	12,077	-	-	-
Mung bean/'Masho'	*	*	*	128,472	28,565	9,985	*	*	*
Gibbo	3,352	93	827	116,867	19,880	9,676	-	-	-
Oil Seeds	153,729	6,507	84,173	1,430,350	299,200	64,317	*	*	*
Nueg	5,513	230	1,637	404,548	85,215	16,567	-	-	-
Linseed	2,898	47	*	362,682	23,847	9,025	-	-	-
Ground nuts	-	-	-	53,241	7,104	5,947	-	-	-
Safflower	14,480	490	*	129,458	5,921	*	*	*	*
Sesame	3,735	*	*	341,310	161,438	21,013	*	*	*
Rapeseed	128,445	4,941	74,686	440,900	15,675	9,713	*	*	*
Vegetables	379,609	48,229	261,991	1,849,876	73,950	-	25,818	173	-
Lettuce	-	-	-	9,116	9	-	*	*	-
Head Cabbage	11,181	*	1,001	111,278	807	-	12,585	*	-
Ethiopian Cabbage	9,153	*	*	255,858	981	-	*	*	-
Tomatoes	*	*	*	56,138	1,055	-	1,733	*	-
Green peppers	24,013	*	*	327,537	2,018	-	4,203	*	-
Red papers	346,526	47,150	255,084	1,258,720	68,984	-	4,021	*	-
Swiss chard	*	*	*	40,057	*	-	8,809	8	-
Root Crops	212,143	11,292	60,266	1,543,861	40,575	-	24,703	313	-
Beet root	5,436	*	217	55,679	248	-	6,453	*	-
Carrot	*	*	*	24,748	308	-	6,095	*	-
Onion	61,157	*	*	256,647	13,675	-	4,328	*	-
Potatoes	47,927	2,353	5,717	477,250	18,048	-	6,848	137	-
Yam	-	-	-	*	*	-	-	-	-
Garlic	114,346	1,357	10,149	1,023,224	7,464	-	*	*	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	*	38,699	818	-	*	*	-
Other Temporary	86,600	2,710	47,819	802,438	20,128	-	4,479	*	-
Fruit Crops				520,260	4,201				
Avocado				39,236	115				
Bananas				176,034	1,312				
Guava				82,644	278				
Lemons				99,164	472				
Mangos				158,087	977				
Oranges				132,503	597				
Papayas				105,651	451				
Pineapples				-	-				
Stimulant Crops	71,715	1,960	36,884	1,850,672	40,813		100,945	*	-
Chat				278,000	11,225				
Coffee				414,901	6,664		91,250	*	-
Hops/'Gesho'				1,637,347	22,924				
Enset				-	-				
Sugar Cane				86,982	5,380				
Other Permanent				792,836	2,669				

(Table 1.3: Cont'd) Amahara Region, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	1,259,537	717,265	780,365	58,251	2,922,116	1,841,804
Cereals	1,093,417	631,825	134,825	24,868	2,787,850	1,642,222
Teff	589,423	265,366	29,663	*	1,452,660	640,314
Barley	64,498	16,542	11,456	1,611	360,921	86,138
Wheat	340,225	117,199	9,148	1,092	1,109,400	345,126
Maize	199,439	53,614	81,623	6,557	1,487,250	379,379
Sorghum	173,281	92,023	*	*	257,368	79,546
Finger millet	215,835	86,396	2,725	*	281,152	98,508
Oats/'Aja'	*	*	*	*	6,303	*
Rice	*	*	*	*	*	*
Pulse	216,843	59,653	23,172	1,658	558,091	95,903
Horse/Faba beans	36,411	5,310	4,416	152	290,186	30,541
Field peas	16,662	2,306	-	-	117,514	12,635
White Haricot beans	*	*	*	*	18,262	3,477
Red Haricot beans	*	*	*	*	42,822	*
Chick peas	35,775	8,189	5,023	772	49,329	9,781
Lentils	25,753	8,253	*	*	54,689	8,840
Vetch/Grass peas	46,425	*	*	*	33,987	*
Soya beans	*	*	-	-	*	*
Fenugreek	*	*	6,855	*	44,380	3,428
Mung bean/'Masho"	56,034	12,965	*	*	33,453	6,759
Gibto	-	-	-	-	13,723	1,405
Oil Seeds	38,018	*	7,847	245	344,162	22,650
Nueg	2,506	*	*	*	28,905	3,454
Linseed	*	*	*	*	29,300	1,720
Ground nuts	*	*	*	*	14,794	*
Safflower	*	*	*	*	29,188	1,560
Sesame	18,749	*	*	*	38,966	4,547
Rapeseed	7,730	*	2,561	*	226,721	9,198
Vegetables	58,905	2,669	171,230	3,187	468,512	49,370
Lettuce	-	-	*	*	*	*
Head Cabbage	*	*	28,557	353	35,399	440
Ethiopian Cabbage	4,301	*	12,462	64	23,657	99
Tomatoes	*	*	12,741	514	12,261	678
Green peppers	*	*	58,727	572	71,420	*
Red papers	40,509	1,778	81,822	1,669	358,732	47,141
Swiss chard	*	*	7,954	11	14,122	18
Root Crops	88,140	10,311	188,296	12,118	371,493	16,558
Beet root	*	*	17,025	*	13,487	65
Carrot	-	-	13,257	229	7,537	*
Onion	62,144	9,425	81,420	*	99,620	9,317
Potatoes	10,347	271	58,700	3,421	107,512	4,716
Yam	-	-	-	-	*	*
Garlic	27,579	607	62,303	876	188,998	2,183
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	*	*	4,185	*	9,099	117
Other Temporary	16,930	863	54,010	*	164,733	3,812
Fruit Crops	5,534	51	244,402	2,115	88,411	1,214
Avocado	-	-	22,649	72	10,543	19
Bananas	*	*	106,008	967	33,777	373
Guava	-	-	20,670	83	7,730	*
Lemons	*	*	39,774	220	12,833	*
Mangos	2,441	*	93,102	413	46,616	*
Oranges	*	*	50,686	157	13,214	38
Papayas	*	*	56,345	203	21,551	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	81,621	3,385	454,879	11,132	274,571	8,561
Chat	53,331	2,123	101,063	3,990	24,178	1,020
Coffee	7,569	124	222,433	3,875	101,894	2,936
Hops/'Gesho'	44,217	1,138	338,182	3,267	216,343	4,605
Enset	-	-	-	-	-	-
Sugar Cane	-	-	49,738	1,584	21,557	1,060
Other Permanent	3,959	*	81,330	306	105,713	454

Table1.3.1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

North Gondar

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	910,473	310,093	341,589	407,015	49,960	103,687	31,306	23,528
Cereals	619,490	272,263	295,649	303,057	40,006	92,393	28,386	21,590
Teff	132,046	93,838	84,809	*	*	45,900	14,696	8,808
Barley	46,156	19,574	23,394	29,281	3,552	*	*	*
Wheat	67,225	30,535	33,271	33,777	5,171	14,640	1,969	1,954
Maize	73,587	63,538	96,453	244,134	20,416	17,619	1,628	1,697
Sorghum	221,051	23,968	*	*	*	6,148	*	*
Finger millet	75,370	37,593	36,742	12,272	1,885	23,620	5,133	4,205
Oats/'Aja'	*	*	-	*	*	-	-	-
Rice	*	*	*	-	-	-	-	-
Pulse	100,954	9,344	7,523	27,801	3,356	7,386	*	611
Horse/Faba beans	20,233	2,936	2,535	19,868	1,879	*	*	*
Field peas	13,514	*	*	6,353	*	-	-	-
White Haricot	1,538	*	*	*	*	-	-	-
Red Haricot beans	*	-	-	-	-	-	-	-
Chick peas	41,416	*	*	*	*	*	*	*
Lentils	8,680	*	*	*	*	*	*	*
Vetch/Grass peas	5,355	*	*	*	*	-	-	-
Soya beans	*	-	-	-	-	-	-	-
Fenugreek	*	*	*	*	*	*	*	*
Mung bean/'Masho'	*	*	*	-	-	*	*	*
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	154,707	*	4,147	*	543	3,036	*	76
Nueg	17,678	*	*	*	*	*	*	*
Linseed	5,548	*	-	*	*	-	-	-
Ground nuts	*	*	-	*	*	-	-	-
Safflower	1,994	*	*	*	*	-	-	-
Sesame	128,337	*	*	-	-	-	-	-
Rapeseed	1,123	957	1,865	*	405	*	*	*
Vegetables	10,565	5,613	*	119,187	1,574	14,358	*	*
Lettuce	*	*	*	-	-	-	-	-
Head Cabbage	*	*	*	*	*	-	-	-
Ethiopian Cabbage	*	*	-	*	*	-	-	-
Tomatoes	60	*	*	*	*	*	*	*
Green peppers	*	*	*	*	*	*	*	*
Red papers	9,922	5,103	*	103,177	1,427	*	*	*
Swiss chard	*	*	*	-	-	-	-	-
Root Crops	5,457	4,174	7,289	91,273	1,498	11,278	*	*
Beet root	*	*	*	-	-	-	-	-
Carrot	*	-	-	-	-	-	-	-
Onion	*	*	*	*	*	*	*	*
Potatoes	2,051	1,696	*	52,757	1,146	*	*	*
Yam	-	-	-	-	-	-	-	-
Garlic	2,213	1,486	*	44,269	307	8,268	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	-	*	*	-	-	-
Other Temporary	14,186	8,342	*	67,646	958	10,215	*	*
Fruit Crops	*	*	*	*	*			
Avocado	-	-		-	-			
Bananas	*	*		*	*			
Guava	*	-		-	-			
Lemons	*	*		*	*			
Mangos	*	*		*	*			
Oranges	*	*		*	*			
Papayas	*	*		6,007	*			
Pineapples	-	-		-	-			
Stimulant Crops	4,832	3,074		68,748	1,884			
Chat	*	*		*	*			
Coffee	540	*		*	*			
Hops/'Gesho'	4,199	2,792		65,859	1,602			
Enset	-	-		-	-			
Sugar Cane	-	-		-	-			
Other Permanent	*	*		*	*			

(Table 1.3.1: cont'd.)

North Gondar, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	120,316	31,406	15,519	268,123	147,668	209,383	*	*	*
Cereals	93,898	25,500	13,591	258,763	131,055	179,040	*	*	*
Teff	36,457	8,602	3,394	151,347	57,816	58,900	*	*	*
Barley	*	*	*	*	*	*	*	*	*
Wheat	*	*	*	49,524	11,611	16,899	*	*	*
Maize	39,767	5,548	4,946	138,168	25,208	54,914	*	*	*
Sorghum	7,621	*	510	*	*	*	-	-	-
Finger millet	24,329	5,794	*	61,576	16,100	20,152	*	*	*
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	*	*	*	*	*	*	-	-	-
Pulse	*	*	*	19,408	*	*	*	*	*
Horse/Faba beans	*	*	*	*	*	*	*	*	*
Field peas	*	*	*	*	*	*	-	-	-
White Haricot beans	-	-	-	-	-	-	*	*	*
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	*	*	*	-	-	-
Lentils	*	*	*	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	*	*	*	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	*	*	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	6,755	*	*	13,467	*	1,540	-	-	-
Nueg	-	-	-	*	*	*	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	*	*	*	*	*	*	-	-	-
Sesame	*	*	*	*	*	*	-	-	-
Rapeseed	*	*	*	8,010	312	877	-	-	-
Vegetables	42,105	797	611	52,221	*	*	*	*	*
Lettuce	*	*	*	-	-	-	-	-	-
Head Cabbage	*	*	*	*	*	*	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	*	*	*	*	*	*	-	-	-
Green peppers	*	*	*	*	*	*	-	-	-
Red papers	33,629	615	433	44,114	*	*	*	*	*
Swiss chard	*	*	*	-	-	-	-	-	-
Root Crops	12,771	*	*	46,908	1,681	*	*	*	*
Beet root	*	*	*	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	*	*	*	*	*	*	*	*	*
Potatoes	*	*	*	*	*	*	*	*	*
Yam	-	-	-	-	-	-	-	-	-
Garlic	7,266	*	*	30,718	*	*	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	11,221	*	235	39,509	*	*	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1.3.1: cont'd.)

North Gondar, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	60,715	32,919	76,954	745,599	877,178	469,097	143,569	33,295	13,156
Cereals	59,366	31,107	*	716,071	591,447	342,164	136,372	28,043	11,180
Teff	*	5,224	*	331,404	129,443	59,904	*	*	*
Barley	*	*	*	183,632	45,146	77,945	*	*	*
Wheat	*	*	*	186,581	64,947	104,446	12,352	2,277	3,955
Maize	*	*	*	445,912	51,447	21,185	113,860	22,140	5,059
Sorghum	-	-	-	389,480	221,038	52,255	*	*	*
Finger millet	*	*	*	255,804	75,370	22,084	-	-	-
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	*	*	*	-	-	-
Pulse	*	*	*	326,457	99,364	107,284	*	*	*
Horse/Faba beans	*	*	*	156,820	20,233	28,186	-	-	-
Field peas	-	-	-	67,457	13,514	19,393	-	-	-
White Haricot	-	-	-	14,022	1,538	*	-	-	-
Red Haricot beans	-	-	-	*	*	*	-	-	-
Chick peas	-	-	-	154,233	40,153	40,313	*	*	*
Lentils	-	-	-	45,348	8,680	6,493	-	-	-
Vetch/Grass peas	-	-	-	33,046	5,355	3,416	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	-	-	-	35,053	*	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	*	*	*
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	299,874	153,126	19,649	*	*	*
Nueg	-	-	-	77,683	17,678	3,537	-	-	-
Linseed	-	-	-	54,850	5,548	2,058	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	27,963	1,994	287	-	-	-
Sesame	*	*	*	147,256	126,756	13,612	*	*	*
Rapeseed	*	*	*	42,411	1,123	137	-	-	-
Vegetables	*	*	*	334,330	10,559	-	*	*	-
Lettuce	-	-	-	*	*	-	-	-	-
Head Cabbage	-	-	-	8,899	*	-	-	-	-
Ethiopian Cabbage	-	-	-	*	*	-	-	-	-
Tomatoes	-	-	-	*	60	-	-	-	-
Green peppers	-	-	-	36,033	*	-	*	*	-
Red papers	*	*	*	290,079	9,922	-	-	-	-
Swiss chard	-	-	-	*	*	-	*	*	-
Root Crops	*	*	*	241,739	5,457	-	-	-	-
Beet root	-	-	-	*	*	-	-	-	-
Carrot	-	-	-	*	*	-	-	-	-
Onion	-	-	-	30,526	*	-	-	-	-
Potatoes	*	*	*	83,999	2,051	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	162,205	2,213	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	*	*	-	-	-	-
Other Temporary	*	*	*	170,008	12,128	-	*	*	-
Fruit Crops	*	*	*	27,042	*	-	-	-	-
Avocado	-	-	-	-	-	-	-	-	-
Bananas	-	-	-	*	*	-	-	-	-
Guava	-	-	-	*	*	-	-	-	-
Lemons	-	-	-	*	*	-	-	-	-
Mangos	-	-	-	*	*	-	-	-	-
Oranges	-	-	-	*	*	-	-	-	-
Papayas	-	-	-	10,844	*	-	-	-	-
Pineapples	-	-	-	-	-	-	-	-	-
Stimulant Crops	-	-	-	141,258	4,818	-	*	*	-
Chat	-	-	-	*	*	-	-	-	-
Coffee	-	-	-	26,704	540	-	-	-	-
Hops/'Gesho'	-	-	-	134,850	4,185	-	-	-	-
Enset	-	-	-	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-	-	-	-
Other Permanent	-	-	-	8,300	*	-	-	-	-

(Table 1.3.1: Cont'd) North Gondar, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	144,535	87,867	79,351	3,911	253,207	112,560
Cereals	140,959	86,282	15,403	*	246,771	105,467
Teff	29,715	8,838	*	*	93,337	40,495
Barley	*	*	-	-	26,710	5,342
Wheat	7,032	1,069	*	*	40,655	9,090
Maize	54,671	8,951	13,888	*	166,250	32,697
Sorghum	58,196	55,156	*	*	*	*
Finger millet	33,352	10,383	-	-	*	*
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	7,416	1,165	3,323	*	19,779	2,858
Horse/Faba beans	*	*	-	-	13,112	1,114
Field peas	-	-	-	-	*	*
White Haricot beans	-	-	*	*	-	-
Red Haricot beans	*	*	-	-	-	-
Chick peas	*	*	*	*	*	*
Lentils	-	-	-	-	*	*
Vetch/Grass peas	*	*	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	*	*	*	*
Mung bean/'Masho"	-	-	-	-	*	*
Gibto	-	-	-	-	-	-
Oil Seeds	*	*	*	*	10,473	*
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	*	*	*	*	*	*
Sesame	-	-	-	-	*	*
Rapeseed	*	*	-	-	7,546	*
Vegetables	*	*	*	*	*	*
Lettuce	-	-	*	*	-	-
Head Cabbage	-	-	*	*	-	-
Ethiopian Cabbage	-	-	*	*	-	-
Tomatoes	-	-	*	*	-	-
Green peppers	*	*	*	*	*	*
Red papers	*	*	*	*	*	*
Swiss chard	-	-	*	*	-	-
Root Crops	*	*	22,124	*	*	*
Beet root	-	-	*	*	-	-
Carrot	-	-	-	-	-	-
Onion	*	*	*	*	*	*
Potatoes	-	-	*	*	*	*
Yam	-	-	-	-	-	-
Garlic	*	*	12,030	*	*	*
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	*	*	*	*	16,955	*
Fruit Crops	-	-	*	*	*	*
Avocado	-	-	-	-	-	-
Bananas	-	-	*	*	-	-
Guava	-	-	*	*	-	-
Lemons	-	-	*	*	*	*
Mangos	-	-	*	*	-	-
Oranges	-	-	-	-	-	-
Papayas	-	-	*	*	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	35,105	342	24,520	*
Chat	-	-	*	*	-	-
Coffee	-	-	-	-	-	-
Hops/'Gesho'	*	*	31,842	262	24,520	*
Enset	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-
Other Permanent	-	-	*	*	-	-

Table1.3.2: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

South Gondar

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	543,862	293,803	353,814	310,784	30,273	101,661	38,948	38,311
Cereals	405,216	277,772	335,879	236,411	23,970	90,246	37,302	36,329
<i>Teff</i>	141,573	106,324	121,524	4,157	*	56,121	18,821	16,817
<i>Barley</i>	31,964	11,095	12,161	26,311	2,014	7,290	957	957
<i>Wheat</i>	80,742	63,111	92,982	23,336	1,494	18,444	4,788	4,202
<i>Maize</i>	54,634	47,244	54,558	197,225	15,939	18,620	2,691	2,512
<i>Sorghum</i>	29,836	*	*	*	*	-	-	-
<i>Finger millet</i>	35,400	25,601	30,475	7,385	*	*	*	*
<i>Oats/'Aja'</i>	*	*	*	*	*	-	-	-
<i>Rice</i>	30,532	23,734	23,830	*	*	*	*	*
Pulse	98,647	4,034	3,524	27,500	1,926	*	*	*
<i>Horse/Faba beans</i>	14,307	1,437	1,892	16,418	658	*	*	*
<i>Field peas</i>	7,556	*	*	*	*	*	*	*
<i>White Haricot</i>	5,352	*	-	*	*	-	-	-
<i>Red Haricot beans</i>	4,227	*	*	*	*	-	-	-
<i>Chick peas</i>	27,574	872	*	8,429	*	*	*	*
<i>Lentils</i>	3,470	*	*	-	-	*	*	*
<i>Vetch/Grass peas</i>	31,815	*	*	*	*	-	-	-
<i>Soya beans</i>	-	-	-	-	-	-	-	-
<i>Fenugreek</i>	365	*	-	*	*	-	-	-
<i>Mung bean/'Masho'</i>	-	-	-	-	-	-	-	-
<i>Gibto</i>	*	*	*	-	-	-	-	-
Oil Seeds	26,341	3,233	5,651	42,953	887	*	*	*
<i>Nueg</i>	15,956	*	*	-	-	-	-	-
<i>Linseed</i>	5,321	*	*	*	*	*	*	*
<i>Ground nuts</i>	*	-	-	-	-	-	-	-
<i>Safflower</i>	*	*	*	*	*	-	-	-
<i>Sesame</i>	*	*	*	-	-	*	*	*
<i>Rapeseed</i>	2,738	1,848	2,243	38,699	643	*	*	*
Vegetables	3,331	3,070	3,873	47,142	519	*	*	*
<i>Lettuce</i>	-	-	-	-	-	-	-	-
<i>Head Cabbage</i>	*	*	-	*	*	-	-	-
<i>Ethiopian Cabbage</i>	*	*	*	*	*	-	-	-
<i>Tomatoes</i>	-	-	-	-	-	-	-	-
<i>Green peppers</i>	*	*	*	10,658	*	-	-	-
<i>Red papers</i>	3,203	2,977	3,872	30,571	*	*	*	*
<i>Swiss chard</i>	*	*	-	*	*	-	-	-
Root Crops	6,790	3,721	3,883	91,951	1,357	16,746	396	490
<i>Beet root</i>	-	-	-	-	-	-	-	-
<i>Carrot</i>	*	*	-	*	*	-	-	-
<i>Onion</i>	*	*	*	*	*	-	-	-
<i>Potatoes</i>	5,864	3,013	3,221	34,585	1,160	10,637	368	449
<i>Yam</i>	-	-	-	-	-	-	-	-
<i>Garlic</i>	819	615	*	64,504	177	6,764	*	40
<i>Taro/'Godere'</i>	-	-	-	-	-	-	-	-
<i>Sweet potatoes</i>	-	-	-	-	-	-	-	-
Other Temporary	501	343	*	42,494	*	-	-	-
Fruit Crops	*	*	*	*	*			
<i>Avocado</i>	-	-	-	-	-			
<i>Bananas</i>	*	-	-	-	-			
<i>Guava</i>	*	*	*	*	*			
<i>Lemons</i>	*	-	-	-	-			
<i>Mangos</i>	*	*	*	*	*			
<i>Oranges</i>	*	*	*	*	*			
<i>Papayas</i>	*	-	-	-	-			
<i>Pineapples</i>	-	-	-	-	-			
Stimulant Crops	2,849	1,546		91,353	1,294			
<i>Chat</i>	*	*	*	*	*			
<i>Coffee</i>	109	*		9,095	*			
<i>Hops/'Gesho'</i>	2,417	1,178		85,721	930			
Enset	-	-		-	-			
Sugar Cane	*	*		-	-			
Other Permanent	*	*		4,902	*			

(Table 1.3.2: cont'd.)

South Gondar 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	164,277	45,112	30,578	268,291	155,825	240,855	*	*	*
Cereals	154,184	43,063	28,883	262,331	150,378	230,950	*	*	*
Teff	55,768	14,382	7,250	164,404	65,930	88,733	*	*	*
Barley	5,678	838	450	30,718	6,897	10,439	-	-	-
Wheat	15,045	*	*	146,563	51,766	82,504	*	*	*
Maize	68,435	8,922	6,973	89,097	16,109	33,774	*	341	*
Sorghum	*	*	*	*	*	*	-	-	-
Finger millet	30,235	5,525	3,296	27,785	7,171	11,701	*	*	*
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	*	*	*	*	*	*	*	*	*
Pulse	6,708	348	293	18,291	1,140	2,066	*	*	*
Horse/Faba beans	*	*	*	*	*	*	*	*	*
Field peas	-	-	-	*	*	*	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	*	*	*	*	*	*
Chick peas	-	-	-	*	*	*	-	-	-
Lentils	*	*	*	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	*	*	*	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	*	*	*	*	*	*	*	*	*
Oil Seeds	11,328	340	285	33,271	1,222	2,272	*	*	*
Nueg	*	*	*	2,934	*	*	-	-	-
Linseed	*	*	*	*	*	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	*	*	*	*	*	*
Sesame	*	*	*	*	*	*	-	-	-
Rapeseed	8,465	251	*	*	339	977	*	*	*
Vegetables	36,744	791	618	38,543	*	*	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	*	*	*	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	*	*	*	-	-	-	-	-	-
Red papers	35,638	787	617	38,543	*	*	-	-	-
Swiss chard	-	-	-	*	*	*	-	-	-
Root Crops	23,906	412	349	33,583	1,457	2,648	*	*	*
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	*	*	*	-	-	-
Potatoes	11,575	*	*	23,406	1,046	2,130	*	*	*
Yam	-	-	-	-	-	-	-	-	-
Garlic	15,759	69	67	11,818	*	*	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	*	*	37	*	*	*	*	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1.3.2: cont'd.)

South Gondar, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	29,631	*	*	520,027	526,426	497,801	86,379	17,436	8,427
Cereals	29,631	*	*	510,273	387,913	375,737	83,426	17,303	8,415
Teff	*	*	*	344,602	137,833	70,378	12,081	3,740	1,366
Barley	*	*	*	161,588	31,670	55,134	*	*	*
Wheat	*	*	*	247,249	78,949	144,016	8,223	1,793	3,344
Maize	*	*	*	351,350	43,223	16,135	67,347	11,410	3,149
Sorghum	-	-	-	72,272	29,836	6,687	-	-	-
Finger millet	*	*	*	133,347	35,333	23,412	*	*	*
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	*	*	*	65,525	30,532	59,598	-	-	-
Pulse	*	*	*	350,000	98,628	115,802	*	*	*
Horse/Faba beans	*	*	*	118,281	14,307	20,506	-	-	-
Field peas	-	-	-	55,698	7,556	8,371	-	-	-
White Haricot	-	-	-	22,143	5,352	*	-	-	-
Red Haricot beans	-	-	-	50,431	4,208	12,812	*	*	*
Chick peas	-	-	-	140,415	27,574	30,165	-	-	-
Lentils	-	-	-	36,117	3,470	3,629	-	-	-
Vetch/Grass peas	-	-	-	145,034	31,815	33,330	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	14,676	365	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	*	*	*	31,274	*	1,986	-	-	-
Oil Seeds	*	*	*	212,930	26,296	6,263	*	*	*
Nueg	*	*	*	75,954	15,956	2,124	-	-	-
Linseed	-	-	-	77,842	5,321	2,407	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	*	*	*	23,258	*	*	-	-	-
Sesame	-	-	-	*	*	*	-	-	-
Rapeseed	*	*	*	82,515	2,693	*	*	*	*
Vegetables	*	*	*	149,555	3,331	-	*	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	*	-	-	-	-
Ethiopian Cabbage	-	-	-	*	*	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	16,794	*	-	-	-	-
Red papers	*	*	*	125,201	3,203	-	-	-	-
Swiss chard	-	-	-	*	*	-	*	*	-
Root Crops	*	*	*	224,662	6,727	-	*	*	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	*	*	-	*	*	-
Onion	-	-	-	*	*	-	-	-	-
Potatoes	*	*	*	110,523	5,801	-	*	*	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	153,005	819	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	*	*	*	83,184	501	-	-	-	-
Fruit Crops	*	*	*	16,371	*				
Avocado				-	-				
Bananas				*	*				
Guava				*	*				
Lemons				*	*				
Mangos				*	*				
Oranges				2,383	*				
Papayas				*	*				
Pineapples				-	-				
Stimulant Crops	-	-	-	229,399	2,843		*	*	-
Chat				*	*				
Coffee				15,700	105		*	*	-
Hops/'Gesho'				226,823	2,414				
Enset				-	-				
Sugar Cane				*	*				
Other Permanent				10,066	*				

(Table 1.3.2: Cont'd) South Gondar, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	100,725	34,706	70,410	3,163	235,197	111,745
Cereals	69,517	26,383	10,960	1,813	232,700	103,477
Teff	28,854	8,887	*	*	105,546	39,115
Barley	*	*	-	-	*	*
Wheat	42,837	14,172	*	*	77,115	24,576
Maize	5,466	503	*	*	125,725	20,886
Sorghum	*	*	-	-	*	*
Finger millet	*	*	*	*	15,523	2,677
Oats/'Aja'	*	*	-	-	-	-
Rice	-	-	*	*	*	*
Pulse	*	*	*	*	35,654	*
Horse/Faba beans	*	*	-	-	*	*
Field peas	*	*	-	-	*	*
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	*	*	*	*
Chick peas	*	*	*	*	2,552	*
Lentils	-	-	-	-	*	*
Vetch/Grass peas	*	*	-	-	*	*
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	*	*
Oil Seeds	*	*	*	*	36,450	1,585
Nueg	*	*	-	-	*	*
Linseed	*	*	-	-	*	*
Ground nuts	-	-	-	-	-	-
Safflower	-	-	*	*	*	*
Sesame	-	-	-	-	-	-
Rapeseed	*	*	*	*	22,950	392
Vegetables	*	*	19,522	299	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	*	*	-	-
Ethiopian Cabbage	-	-	-	-	*	*
Tomatoes	-	-	-	-	-	-
Green peppers	-	-	*	*	*	*
Red papers	*	*	14,306	251	*	*
Swiss chard	-	-	*	*	*	*
Root Crops	8,351	*	12,346	*	26,559	*
Beet root	-	-	-	-	-	-
Carrot	-	-	*	*	-	-
Onion	-	-	*	*	-	-
Potatoes	*	*	*	*	20,874	*
Yam	-	-	-	-	-	-
Garlic	*	*	9,849	*	*	*
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	*	*	*	*	7,901	40
Fruit Crops	-	-	6,861	*	-	-
Avocado	-	-	-	-	-	-
Bananas	-	-	*	*	-	-
Guava	-	-	*	*	-	-
Lemons	-	-	-	-	-	-
Mangos	-	-	*	*	-	-
Oranges	-	-	*	*	-	-
Papayas	-	-	*	*	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	38,638	501	6,505	*
Chat	*	*	*	*	-	-
Coffee	*	*	5,559	*	-	-
Hops/'Gesho'	*	*	37,493	384	6,505	*
Enset	-	-	-	-	-	-
Sugar Cane	-	-	*	*	-	-
Other Permanent	*	*	*	*	*	*

Table1.3.3: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

North Wollo

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	279,414	95,360	89,722	218,274	23,555	18,760	*	*
Cereals	230,659	86,622	85,184	144,388	18,745	16,466	*	*
Teff	69,963	32,622	31,515	18,865	2,902	7,790	*	*
Barley	36,694	14,649	8,384	55,807	7,493	1,830	*	*
Wheat	32,784	23,204	35,263	18,844	1,421	5,467	504	582
Maize	7,745	4,228	*	76,737	2,425	*	*	*
Sorghum	81,841	11,086	6,927	25,439	4,338	*	*	*
Finger millet	877	520	272	*	*	-	-	-
Oats/'Aja'	*	*	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	34,867	4,548	1,491	32,500	2,593	*	*	*
Horse/Faba beans	8,927	1,596	381	16,719	1,146	*	*	*
Field peas	5,836	790	*	6,924	572	*	*	*
White Haricot	*	*	-	*	*	-	-	-
Red Haricot beans	932	*	*	*	*	-	-	-
Chick peas	6,017	928	*	4,891	572	*	*	*
Lentils	6,434	602	*	3,239	*	-	-	-
Vetch/Grass peas	1,273	*	*	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	5,268	*	*	*	*
Mung bean/'Masho"	*	*	*	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	7,128	721	*	9,769	288	*	*	*
Nueg	877	*	*	*	*	*	*	*
Linseed	4,150	221	*	3,334	177	-	-	-
Ground nuts	-	-	-	-	-	-	-	-
Safflower	*	*	*	*	*	-	-	-
Sesame	1,665	*	*	*	*	-	-	-
Rapeseed	36	*	-	2,194	*	-	-	-
Vegetables	1,832	937	654	72,596	468	-	-	-
Lettuce	*	*	*	*	*	-	-	-
Head Cabbage	*	*	*	*	*	-	-	-
Ethiopian Cabbage	173	130	*	39,929	128	-	-	-
Tomatoes	*	*	*	*	*	-	-	-
Green peppers	59	*	*	5,457	*	-	-	-
Red papers	1,258	520	*	26,450	267	-	-	-
Swiss chard	9	4	*	3,409	*	-	-	-
Root Crops	1,955	1,286	1,024	55,081	374	*	*	*
Beet root	*	*	*	*	*	-	-	-
Carrot	*	*	*	*	*	-	-	-
Onion	*	*	*	2,835	*	-	-	-
Potatoes	409	239	*	22,482	212	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	348	218	160	35,727	135	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	*	-	-	-	-	-	-	-
Other Temporary	123	67	*	14,949	67	-	-	-
Fruit Crops	*	205		26,852	162			
Avocado	*	*		*	*			
Bananas	*	52		16,551	50			
Guava	*	12		*	*			
Lemons	*	*		*	*			
Mangos	*	*		*	*			
Oranges	29	*		*	*			
Papayas	*	*		*	*			
Pineapples	-	-		-	-			
Stimulant Crops	1,565	772		55,659	683			
Chat	491	*		4,058	*			
Coffee	434	290		27,148	281			
Hops/'Gesho'	640	351		46,020	281			
Enset	-	-		-	-			
Sugar Cane	*	*		*	*			
Other Permanent	352	123		22,993	98			

(Table 1.3.3: cont'd.)

North Wollo, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	52,722	10,562	4,343	85,192	25,933	25,940	9,039	1,179	1,236
Cereals	38,947	8,765	3,341	84,753	25,372	25,295	7,356	949	1,077
Teff	22,503	5,219	1,935	43,992	12,250	8,226	*	*	*
Barley	5,033	1,082	247	10,366	3,534	*	*	*	*
Wheat	5,028	*	*	33,379	6,262	9,197	1,789	*	*
Maize	*	*	*	*	*	*	*	*	*
Sorghum	3,389	943	*	7,865	2,074	*	*	*	*
Finger millet	3,095	*	*	*	*	*	*	*	*
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	6,454	851	328	*	*	*	*	*	*
Horse/Faba beans	*	*	*	*	*	*	*	*	*
Field peas	*	*	*	*	*	*	*	*	*
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	*	*	*	*	*	*	-	-	-
Chick peas	*	*	*	-	-	-	*	*	*
Lentils	*	*	*	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	*	*	*
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	*	*	*	-	-	-
Nueg	*	*	*	*	*	*	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	*	*	*	*	*	*	-	-	-
Sesame	*	*	*	*	*	*	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	7,493	*	*	*	*	*	*	*	*
Lettuce	*	*	*	-	-	-	-	-	-
Head Cabbage	*	*	*	-	-	-	-	-	-
Ethiopian Cabbage	1,722	*	*	-	-	-	-	-	-
Tomatoes	-	-	-	*	*	*	-	-	-
Green peppers	*	*	*	-	-	-	*	*	*
Red papers	*	*	*	*	*	*	-	-	-
Swiss chard	*	*	*	-	-	-	-	-	-
Root Crops	7,969	*	*	*	*	*	*	*	*
Beet root	-	-	-	-	-	-	-	-	-
Carrot	*	*	*	*	*	*	-	-	-
Onion	*	*	*	*	*	*	-	-	-
Potatoes	-	-	-	*	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	2,280	*	*	-	-	-	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1.3.3: cont'd.)

North Wollo, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	78,453	28,859	53,982	393,043	266,581	159,485	79,840	12,833	14,013
Cereals	76,917	27,787	51,442	373,821	218,581	119,790	64,840	12,077	13,711
Teff	35,731	9,772	*	205,756	65,355	21,230	20,808	4,608	*
Barley	16,205	2,063	3,329	161,128	36,694	40,557	-	-	-
Wheat	57,183	13,962	24,669	126,469	25,611	36,649	47,260	7,173	11,335
Maize	*	*	*	154,148	7,463	3,763	*	*	*
Sorghum	*	*	*	211,548	81,827	16,503	*	*	*
Finger millet	*	*	*	13,534	877	467	-	-	-
Oats/'Aja'	*	*	*	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	5,864	544	745	187,407	34,438	35,149	*	*	*
Horse/Faba beans	*	*	*	79,149	8,912	11,756	*	*	*
Field peas	*	*	*	59,907	5,836	7,565	-	-	-
White Haricot	-	-	-	23,415	3,787	2,761	*	*	*
Red Haricot beans	-	-	-	5,430	932	*	-	-	-
Chick peas	*	*	*	41,711	6,017	4,332	-	-	-
Lentils	*	*	*	50,897	6,434	5,927	-	-	-
Vetch/Grass peas	*	*	*	15,137	1,273	1,581	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	19,965	*	*	-	-	-
Mung bean/'Masho'	*	*	*	*	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	110,058	7,128	*	-	-	-
Nueg	*	*	*	21,703	877	119	-	-	-
Linseed	-	-	-	64,563	4,150	1,412	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	*	*	*	6,667	*	*	-	-	-
Sesame	-	-	-	31,670	1,665	*	-	-	-
Rapeseed	-	-	-	4,114	36	*	-	-	-
Vegetables	4,703	*	*	134,682	1,746	-	*	*	-
Lettuce	-	-	-	*	*	-	-	-	-
Head Cabbage	*	*	*	*	*	-	*	*	-
Ethiopian Cabbage	-	-	-	54,282	172	-	*	*	-
Tomatoes	-	-	-	*	*	-	*	*	-
Green peppers	*	*	*	10,386	59	-	-	-	-
Red papers	*	*	*	70,349	1,253	-	*	*	-
Swiss chard	*	*	*	6,202	*	-	*	*	-
Root Crops	6,369	*	*	94,733	1,879	-	*	*	-
Beet root	*	*	*	*	*	-	*	*	-
Carrot	*	*	*	1,359	*	-	*	*	-
Onion	*	*	*	13,733	*	-	-	-	-
Potatoes	*	*	*	30,100	382	-	*	*	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	60,712	348	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	*	*	-	*	*	-
Other Temporary	*	*	*	24,727	123	-	-	-	-
Fruit Crops	2,520	*	*	53,661	*				
Avocado				*	*				
Bananas				25,825	*				
Guava				9,592	*				
Lemons				3,180	*				
Mangos				*	*				
Oranges				9,159	*				
Papayas				*	*				
Pineapples				-	-				
Stimulant Crops	-	-	-	96,993	1,491		*	*	-
Chat				11,703	491				
Coffee				38,883	360		*	*	-
Hops/'Gesho'				82,051	640				
Enset				-	-				
Sugar Cane				*	*				
Other Permanent				66,069	341				

(Table 1.3.3: Cont'd) North Wollo, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	30,904	11,407	78,047	*	202,621	77,554
Cereals	29,416	10,650	*	*	192,803	71,576
Teff	22,123	8,241	*	*	103,664	29,968
Barley	2,557	*	*	*	39,205	7,961
Wheat	*	*	3,417	*	107,456	22,271
Maize	*	*	*	*	28,796	*
Sorghum	*	*	*	*	30,189	9,263
Finger millet	*	*	*	*	5,421	462
Oats/'Aja'	-	-	*	*	*	*
Rice	-	-	-	-	-	-
Pulse	*	*	*	*	25,475	3,400
Horse/Faba beans	-	-	*	*	9,728	899
Field peas	*	*	-	-	*	*
White Haricot beans	-	-	-	-	*	*
Red Haricot beans	-	-	-	-	*	*
Chick peas	*	*	*	*	*	423
Lentils	*	*	*	*	2,920	367
Vetch/Grass peas	*	*	*	*	*	*
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	*	*	*	*
Mung bean/'Masho'	-	-	-	-	*	*
Gibto	-	-	-	-	-	-
Oil Seeds	*	*	*	*	8,048	424
Nueg	-	-	-	-	*	*
Linseed	-	-	*	*	*	*
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	*	*
Sesame	*	*	-	-	*	*
Rapeseed	-	-	-	-	*	*
Vegetables	*	*	24,483	766	18,839	518
Lettuce	-	-	*	*	*	*
Head Cabbage	*	*	*	*	*	*
Ethiopian Cabbage	-	-	2,838	*	2,016	*
Tomatoes	-	-	*	*	*	*
Green peppers	-	-	4,343	*	2,254	*
Red papers	*	*	15,728	*	12,410	*
Swiss chard	-	-	*	*	1,872	*
Root Crops	-	-	17,341	*	21,624	*
Beet root	-	-	*	*	*	*
Carrot	-	-	*	*	*	*
Onion	-	-	7,891	*	*	*
Potatoes	-	-	1,726	*	2,781	37
Yam	-	-	-	-	-	-
Garlic	-	-	5,500	*	8,993	112
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	*	*	-	-
Other Temporary	-	-	*	*	*	*
Fruit Crops	*	*	35,849	*	*	*
Avocado	-	-	*	*	*	*
Bananas	*	*	20,659	*	*	*
Guava	-	-	6,415	20	*	*
Lemons	-	-	*	*	*	*
Mangos	*	*	*	*	*	*
Oranges	-	-	6,292	23	*	*
Papayas	*	*	*	*	*	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	34,107	506	13,544	257
Chat	*	*	*	*	*	*
Coffee	*	*	23,178	230	*	*
Hops/'Gesho'	*	*	23,698	187	8,250	88
Enset	-	-	-	-	-	-
Sugar Cane	-	-	*	*	*	*
Other Permanent	*	*	4,580	*	8,196	*

Table1.3.4: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

South Wollo

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	463,071	265,952	347,727	356,445	43,173	37,619	8,929	8,033
Cereals	344,427	243,127	326,148	243,685	30,611	33,623	8,435	7,753
<i>Teff</i>	117,255	99,379	116,288	33,569	4,481	*	*	*
<i>Barley</i>	38,595	18,718	19,462	72,625	6,716	*	*	*
<i>Wheat</i>	99,703	93,518	171,472	49,201	4,456	20,058	*	4,358
<i>Maize</i>	11,511	6,910	1,543	145,726	5,694	*	*	*
<i>Sorghum</i>	73,402	22,120	*	58,710	8,434	*	*	*
<i>Finger millet</i>	2,933	*	*	20,305	642	*	*	*
<i>Oats/'Aja'</i>	1,029	487	*	4,444	189	*	*	*
<i>Rice</i>	-	-	-	-	-	-	-	-
Pulse	94,572	12,211	10,154	77,444	5,534	*	*	*
<i>Horse/Faba beans</i>	16,520	3,910	3,641	35,004	2,270	*	*	*
<i>Field peas</i>	12,899	1,304	705	*	*	*	*	*
<i>White Haricot</i>	7,456	*	*	*	*	-	-	-
<i>Red Haricot beans</i>	*	*	*	*	*	-	-	-
<i>Chick peas</i>	14,104	1,178	*	5,562	*	*	*	*
<i>Lentils</i>	15,017	1,605	1,062	9,166	494	*	*	*
<i>Vetch/Grass peas</i>	18,319	*	*	*	*	-	-	-
<i>Soya beans</i>	*	-	-	-	-	-	-	-
<i>Fenugreek</i>	5,050	2,108	2,768	9,441	73	*	*	*
<i>Mung bean/'Masho'</i>	4,092	*	-	*	*	-	-	-
<i>Gibto</i>	-	-	-	-	-	-	-	-
Oil Seeds	6,800	1,996	3,821	36,621	976	*	*	*
<i>Nueg</i>	2,457	*	*	*	*	-	-	-
<i>Linseed</i>	1,848	257	*	13,307	201	-	-	-
<i>Ground nuts</i>	*	*	-	*	*	-	-	-
<i>Safflower</i>	*	*	*	*	*	-	-	-
<i>Sesame</i>	1,657	*	*	*	*	*	*	*
<i>Rapeseed</i>	557	*	*	12,062	*	-	-	-
Vegetables	2,570	1,964	*	150,171	1,072	-	-	-
<i>Lettuce</i>	4	*	*	*	*	-	-	-
<i>Head Cabbage</i>	*	*	*	7,165	7	-	-	-
<i>Ethiopian Cabbage</i>	201	113	*	56,264	100	-	-	-
<i>Tomatoes</i>	*	*	*	*	*	-	-	-
<i>Green peppers</i>	96	72	*	12,595	*	-	-	-
<i>Red papers</i>	1,746	1,274	*	71,139	768	-	-	-
<i>Swiss chard</i>	*	*	*	12,230	*	-	-	-
Root Crops	2,573	2,028	2,104	107,702	984	*	*	*
<i>Beet root</i>	*	*	*	*	*	-	-	-
<i>Carrot</i>	*	*	*	*	*	-	-	-
<i>Onion</i>	*	*	*	8,301	*	*	*	*
<i>Potatoes</i>	*	*	*	19,920	*	-	-	-
<i>Yam</i>	-	-	-	-	-	-	-	-
<i>Garlic</i>	1,290	885	*	78,340	345	-	-	-
<i>Taro/'Godere'</i>	-	-	-	-	-	-	-	-
<i>Sweet potatoes</i>	16	*	-	*	*	-	-	-
Other Temporary	1,791	304	*	60,930	259	*	*	*
Fruit Crops	772	206		32,715	131			
<i>Avocado</i>	*	*		*	*			
<i>Bananas</i>	*	*		*	*			
<i>Guava</i>	72	*		7,336	*			
<i>Lemons</i>	*	*		5,663	*			
<i>Mangos</i>	*	*		9,802	*			
<i>Oranges</i>	250	*		16,077	*			
<i>Papayas</i>	*	*		*	*			
<i>Pineapples</i>	-	-		-	-			
Stimulant Crops	6,929	3,891		104,430	3,409			
<i>Chat</i>	4,938	*		50,641	*			
<i>Coffee</i>	1,495	869		43,212	779			
<i>Hops/'Gesho'</i>	496	144		38,391	144			
Enset	-	-		-	-			
Sugar Cane	*	-		-	-			
Other Permanent	574	225		70,570	196			

(Table 1.3.4: cont'd.)

South Wollo, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	74,003	10,970	4,584	166,555	65,809	100,246	32,728	11,294	*
Cereals	49,570	9,834	3,813	162,238	63,818	96,267	27,320	9,339	*
Teff	17,774	3,535	1,199	91,718	30,661	*	*	*	*
Barley	3,899	193	132	39,366	6,561	12,936	*	*	*
Wheat	10,985	1,263	779	100,244	23,255	42,970	*	*	*
Maize	11,258	*	133	*	*	*	*	*	*
Sorghum	11,424	4,118	*	*	*	*	*	*	*
Finger millet	*	*	*	*	*	*	*	*	*
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	9,278	637	382	15,171	963	1,998	*	*	*
Horse/Faba beans	3,298	*	*	2,787	*	*	*	*	*
Field peas	-	-	-	2,914	*	*	-	-	-
White Haricot beans	-	-	-	*	*	*	-	-	-
Red Haricot beans	*	*	*	*	*	*	-	-	-
Chick peas	*	*	*	*	*	*	*	*	*
Lentils	*	*	*	*	*	*	*	*	*
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	*	*	*	*	*	*
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	5,026	176	157	9,837	*	*	*	*	*
Nueg	*	*	*	*	*	*	-	-	-
Linseed	*	*	*	*	*	*	*	*	*
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	*	*	*	*	*	*	-	-	-
Rapeseed	-	-	-	*	*	*	-	-	-
Vegetables	9,217	60	56	*	*	*	*	*	*
Lettuce	*	*	*	-	-	-	-	-	-
Head Cabbage	*	*	*	-	-	-	-	-	-
Ethiopian Cabbage	*	*	*	-	-	-	-	-	-
Tomatoes	-	-	-	*	*	*	-	-	-
Green peppers	*	*	*	*	*	*	*	*	*
Red papers	*	*	*	*	*	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	*	*	*	*	*	*
Beet root	*	*	*	-	-	-	-	-	-
Carrot	*	*	*	*	*	*	-	-	-
Onion	-	-	-	*	*	*	-	-	-
Potatoes	-	-	-	*	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	*	*	*	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	*	*	*	*	*	*	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1.3.4: cont'd.)

South Wollo, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	208,735	125,776	221,254	682,113	448,450	357,054	85,999	14,621	12,112
Cereals	203,732	121,090	206,744	630,105	330,072	247,437	58,779	14,355	12,112
Teff	156,184	54,254	72,250	351,809	110,016	26,455	28,857	*	1,500
Barley	25,975	2,753	3,973	257,436	38,595	55,942	-	-	-
Wheat	148,397	57,418	118,477	323,012	92,872	139,538	37,380	6,831	10,467
Maize	11,109	212	567	259,221	11,226	7,094	*	*	*
Sorghum	*	*	*	197,477	73,402	14,284	-	-	-
Finger millet	*	*	*	56,478	2,933	*	-	-	-
Oats/'Aja'	*	*	*	18,049	1,029	1,563	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	37,596	2,778	5,733	470,213	94,572	106,533	-	-	-
Horse/Faba beans	16,939	613	2,556	213,811	16,520	26,845	-	-	-
Field peas	*	*	*	132,737	12,899	16,824	-	-	-
White Haricot	-	-	-	61,731	7,456	3,736	-	-	-
Red Haricot beans	-	-	-	29,596	*	*	-	-	-
Chick peas	*	*	*	118,665	14,104	16,510	-	-	-
Lentils	5,731	*	399	138,042	15,017	13,982	-	-	-
Vetch/Grass peas	*	*	*	123,971	18,319	23,287	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	16,622	1,271	2,161	93,067	5,050	3,554	-	-	-
Mung bean/'Masho'	-	-	-	24,537	4,092	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	160,384	6,800	3,084	-	-	-
Nueg	*	*	*	53,855	2,457	*	-	-	-
Linseed	*	*	*	70,080	1,848	678	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	*	*	*	*	*	*	-	-	-
Sesame	-	-	-	30,489	1,657	133	-	-	-
Rapeseed	*	*	*	28,330	557	40	-	-	-
Vegetables	10,793	*	*	242,827	2,549	-	4,870	*	-
Lettuce	-	-	-	5,052	*	-	*	*	-
Head Cabbage	-	-	-	18,707	*	-	*	*	-
Ethiopian Cabbage	*	*	*	89,850	201	-	-	-	-
Tomatoes	*	*	*	11,939	*	-	-	-	-
Green peppers	*	*	*	29,747	95	-	*	*	-
Red papers	*	*	*	107,729	1,729	-	*	*	-
Swiss chard	*	*	*	17,516	*	-	*	*	-
Root Crops	*	*	*	230,274	2,562	-	4,458	*	-
Beet root	*	*	*	*	*	-	*	*	-
Carrot	*	*	*	*	*	-	*	*	-
Onion	*	*	*	19,377	*	-	*	*	-
Potatoes	-	-	-	29,942	*	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	195,950	1,288	-	*	*	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	5,913	16	-	-	-	-
Other Temporary	*	*	*	133,619	1,791	-	-	-	-
Fruit Crops	-	-	-	79,050	601				
Avocado				8,608	*				
Bananas				14,811	*				
Guava				27,330	72				
Lemons				11,348	*				
Mangos				14,031	*				
Oranges				41,602	149				
Papayas				7,922	*				
Pineapples				-	-				
Stimulant Crops	-	-	-	203,930	6,881		10,842	*	-
Chat				104,376	4,938				
Coffee				77,546	1,447		10,842	*	-
Hops/'Gesho'				103,962	496				
Enset				-	-				
Sugar Cane				*	*				
Other Permanent				159,625	559				

(Table 1.3.4: Cont'd) South Wollo, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	76,055	19,302	66,554	3,285	457,168	216,928
Cereals	74,144	17,800	9,683	*	432,270	206,080
Teff	23,446	6,198	*	*	268,086	92,866
Barley	*	*	-	-	68,539	9,266
Wheat	8,677	1,419	*	*	257,629	82,585
Maize	*	*	5,599	*	45,212	2,607
Sorghum	45,911	8,500	*	*	74,682	17,368
Finger millet	*	*	*	*	*	*
Oats/'Aja'	-	-	-	-	2,976	*
Rice	-	-	-	-	-	-
Pulse	*	*	*	*	75,208	6,778
Horse/Faba beans	*	*	*	*	27,244	1,531
Field peas	*	*	-	-	7,707	535
White Haricot beans	*	*	-	-	*	*
Red Haricot beans	*	*	-	-	*	*
Chick peas	*	*	-	-	8,367	*
Lentils	*	*	-	-	14,276	972
Vetch/Grass peas	-	-	-	-	*	*
Soya beans	-	-	-	-	-	-
Fenugreek	*	*	*	*	26,067	1,995
Mung bean/'Masho'	-	-	*	*	*	*
Gibto	-	-	-	-	-	-
Oil Seeds	*	*	-	-	34,019	1,046
Nueg	-	-	-	-	*	*
Linseed	*	*	-	-	4,764	71
Ground nuts	*	*	-	-	-	-
Safflower	-	-	-	-	*	*
Sesame	*	*	-	-	*	*
Rapeseed	*	*	-	-	*	*
Vegetables	*	*	26,541	*	27,198	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	4,002	*	*	*
Ethiopian Cabbage	-	-	*	*	*	*
Tomatoes	*	*	*	*	*	*
Green peppers	-	-	*	*	*	*
Red papers	*	*	*	*	11,289	*
Swiss chard	-	-	*	*	*	*
Root Crops	-	-	16,698	*	52,337	1,137
Beet root	-	-	-	-	*	*
Carrot	-	-	*	*	*	*
Onion	-	-	*	*	4,678	*
Potatoes	-	-	*	*	*	*
Yam	-	-	-	-	-	-
Garlic	-	-	*	*	40,140	*
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	*	*	-	-
Other Temporary	-	-	*	*	7,317	59
Fruit Crops	-	-	19,814	*	*	*
Avocado	-	-	*	*	*	*
Bananas	-	-	*	*	*	*
Guava	-	-	*	*	*	*
Lemons	-	-	*	*	*	*
Mangos	-	-	*	*	*	*
Oranges	-	-	6,783	*	*	*
Papayas	-	-	*	*	*	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	38,141	*	18,260	*
Chat	*	*	*	*	10,750	*
Coffee	*	*	24,911	*	*	*
Hops/'Gesho'	*	*	*	*	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	*	*	-	-
Other Permanent	-	-	*	*	*	*

Table1.3.5: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

North Shewa (Amahara)

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	576,151	307,278	474,587	263,175	45,160	*	*	*
Cereals	440,341	260,788	394,031	171,818	28,734	*	*	*
Teff	150,888	107,454	131,704	16,908	*	*	*	*
Barley	65,381	44,836	47,539	60,974	10,689	*	*	*
Wheat	83,238	74,419	167,313	15,174	1,339	*	*	*
Maize	7,717	4,579	*	99,781	3,008	-	-	-
Sorghum	132,876	29,347	*	41,208	7,830	-	-	-
Finger millet	*	*	-	*	*	-	-	-
Oats/'Aja'	*	*	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	110,156	30,090	17,504	87,552	14,228	*	*	*
Horse/Faba beans	37,638	14,226	3,881	72,150	11,438	-	-	-
Field peas	10,316	*	*	9,611	*	-	-	-
White Haricot	1,071	*	*	*	*	*	*	*
Red Haricot beans	1,180	*	*	11,363	318	-	-	-
Chick peas	14,324	*	*	-	-	*	*	*
Lentils	22,371	6,760	6,678	2,743	*	*	*	*
Vetch/Grass peas	3,496	*	*	-	-	-	-	-
Soya beans	*	*	*	-	-	-	-	-
Fenugreek	*	*	*	*	*	-	-	-
Mung bean/'Masho'	17,490	*	*	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	6,170	1,477	4,790	9,980	321	-	-	-
Nueg	*	*	*	-	-	-	-	-
Linseed	3,429	*	*	*	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-
Safflower	950	750	2,623	4,000	74	-	-	-
Sesame	1,328	*	*	*	*	-	-	-
Rapeseed	*	*	-	*	*	-	-	-
Vegetables	1,815	*	*	64,686	335	-	-	-
Lettuce	*	*	-	*	*	-	-	-
Head Cabbage	*	*	*	*	*	-	-	-
Ethiopian Cabbage	103	55	*	23,350	27	-	-	-
Tomatoes	*	*	*	*	*	-	-	-
Green peppers	*	*	*	16,883	*	-	-	-
Red papers	623	406	285	24,137	271	-	-	-
Swiss chard	*	*	*	-	-	-	-	-
Root Crops	11,902	10,874	*	64,421	283	*	*	*
Beet root	*	*	*	*	*	-	-	-
Carrot	*	*	-	*	*	-	-	-
Onion	9,984	9,568	*	29,724	72	*	*	*
Potatoes	553	*	*	16,047	67	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	1,209	838	3,384	36,042	135	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	*	-	-	-	-	-
Other Temporary	*	*	*	5,434	22	*	*	*
Fruit Crops	642	*	*	18,213	*			
Avocado	*	*	*	*	*			
Bananas	349	*	*	7,265	*			
Guava	*	*	*	*	*			
Lemons	*	*	*	2,050	*			
Mangos	*	*	*	3,623	*			
Oranges	75	*	*	*	*			
Papayas	33	*	*	*	*			
Pineapples	-	-	-	-	-			
Stimulant Crops	3,145	993	*	53,818	778			
Chat	*	*	*	*	*			
Coffee	695	277	*	26,732	264			
Hops/'Gesho'	1,977	563	*	38,006	362			
Enset	-	-	-	-	-			
Sugar Cane	*	*	*	*	*			
Other Permanent	299	*	*	27,886	32			

(Table 1.3.5: cont'd.)

North Shewa (Amahara), 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	100,511	35,113	23,299	*	*	*	105,117	54,730	61,848
Cereals	81,099	32,139	21,333	*	*	*	86,290	46,400	52,398
Teff	46,590	17,664	10,961	*	*	*	44,995	22,278	17,855
Barley	4,695	540	291	-	-	-	32,215	*	*
Wheat	14,528	3,883	*	*	*	*	*	*	*
Maize	9,931	448	372	-	-	-	*	*	*
Sorghum	25,977	9,604	6,713	-	-	-	10,667	2,928	3,809
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	9,688	1,679	734	-	-	-	25,574	5,880	5,259
Horse/Faba beans	*	*	*	-	-	-	6,999	*	*
Field peas	-	-	-	-	-	-	*	*	*
White Haricot beans	*	*	*	-	-	-	-	-	-
Red Haricot beans	*	*	*	-	-	-	-	-	-
Chick peas	*	*	*	-	-	-	*	*	*
Lentils	*	*	208	-	-	-	12,128	*	*
Vetch/Grass peas	-	-	-	-	-	-	*	*	*
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	-	-	-	*	*	*
Mung bean/'Masho'	*	*	*	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	7,092	*	*	*	*	*	*	*	*
Nueg	*	*	*	-	-	-	-	-	-
Linseed	*	*	*	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	*	*	*	-	-	-	*	*	*
Sesame	*	*	*	*	*	*	*	*	*
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	11,507	*	*	-	-	-	*	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	-	-	-	-	-	-
Ethiopian Cabbage	*	*	*	-	-	-	*	*	*
Tomatoes	*	*	*	-	-	-	*	*	*
Green peppers	*	*	*	-	-	-	*	*	*
Red papers	*	*	*	-	-	-	*	*	*
Swiss chard	*	*	*	-	-	-	-	-	-
Root Crops	23,927	*	*	*	*	*	15,784	*	467
Beet root	*	*	*	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	16,212	*	*	*	*	*	*	*	*
Potatoes	*	*	*	-	-	-	*	*	*
Yam	-	-	-	-	-	-	-	-	-
Garlic	8,701	40	40	-	-	-	12,806	87	246
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	*	*	*
Other Temporary	*	*	*	-	-	-	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1.3.5: cont'd.)

North Shewa, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	270,104	158,930	371,596	538,667	571,949	457,845	22,163	4,202	13,336
Cereals	250,762	141,097	304,570	504,830	436,717	310,868	12,464	3,624	12,769
Teff	137,667	50,031	88,191	314,244	150,798	54,987	*	*	*
Barley	46,956	16,599	22,491	171,142	64,149	84,931	*	*	*
Wheat	140,803	64,345	157,345	208,513	80,936	144,156	8,875	*	*
Maize	*	*	*	192,125	7,717	4,010	-	-	-
Sorghum	*	*	*	239,065	132,876	22,333	-	-	-
Finger millet	-	-	-	*	*	*	-	-	-
Oats/'Aja'	*	*	*	3,007	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	34,755	8,189	11,340	321,131	109,830	145,531	*	*	*
Horse/Faba beans	*	*	*	192,077	37,499	82,057	*	*	*
Field peas	*	*	*	72,775	10,316	15,741	-	-	-
White Haricot	*	*	*	8,216	1,071	*	-	-	-
Red Haricot beans	-	-	-	21,706	1,180	453	-	-	-
Chick peas	*	*	*	66,564	14,252	16,188	*	*	*
Lentils	18,562	3,326	3,782	105,200	22,278	18,454	*	*	*
Vetch/Grass peas	-	-	-	21,310	3,496	5,012	-	-	-
Soya beans	*	*	*	*	*	*	-	-	-
Fenugreek	5,872	*	333	33,094	*	*	-	-	-
Mung bean/'Masho'	*	*	*	69,208	17,468	6,094	*	*	*
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	71,918	6,170	1,446	-	-	-
Nueg	*	*	*	9,512	*	*	-	-	-
Linseed	-	-	-	31,512	3,429	1,194	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	*	*	*	17,812	950	103	-	-	-
Sesame	*	*	*	21,001	1,328	85	-	-	-
Rapeseed	-	-	-	*	*	*	-	-	-
Vegetables	23,328	*	*	176,817	1,815	-	-	-	-
Lettuce	-	-	-	*	*	-	-	-	-
Head Cabbage	*	*	*	6,057	*	-	-	-	-
Ethiopian Cabbage	4,421	*	*	61,372	103	-	-	-	-
Tomatoes	*	*	*	17,179	*	-	-	-	-
Green peppers	*	*	*	54,535	*	-	-	-	-
Red papers	8,302	77	261	62,902	623	-	-	-	-
Swiss chard	*	*	*	3,905	*	-	-	-	-
Root Crops	69,284	*	*	244,182	11,902	-	-	-	-
Beet root	*	*	*	3,966	*	-	-	-	-
Carrot	-	-	-	*	*	-	-	-	-
Onion	47,123	*	*	123,523	9,984	-	-	-	-
Potatoes	*	*	*	40,480	553	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	31,996	574	3,095	152,324	1,209	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	6,475	*	-	-	-	-
Other Temporary	*	*	*	34,108	*	-	*	*	-
Fruit Crops	*	*	*	62,155	642				
Avocado				*	*				
Bananas				23,623	349				
Guava				*	*				
Lemons				15,603	*				
Mangos				13,555	*				
Oranges				21,821	75				
Papayas				10,935	33				
Pineapples				-	-				
Stimulant Crops	796	3	10	162,267	3,142		*	*	-
Chat				22,585	*				
Coffee				60,034	694		*	*	-
Hops/'Gesho'				139,097	1,974				
Enset				-	-				
Sugar Cane				16,864	*				
Other Permanent				72,482	200				

(Table 1.3.5: Cont'd) North Shewa (Amahara), 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	244,138	139,422	105,175	*	381,404	250,793
Cereals	166,876	98,684	*	*	356,166	209,725
Teff	108,198	49,363	*	*	193,028	79,577
Barley	31,761	*	*	*	87,480	37,142
Wheat	75,128	27,803	*	*	156,145	67,371
Maize	7,001	*	*	*	46,235	2,126
Sorghum	25,501	10,143	*	*	72,094	23,467
Finger millet	-	-	-	-	-	-
Oats/'Aja'	*	*	-	-	*	*
Rice	-	-	-	-	-	-
Pulse	101,590	29,000	4,588	*	112,173	28,869
Horse/Faba beans	27,660	4,396	*	*	54,007	8,490
Field peas	*	*	-	-	21,055	*
White Haricot beans	*	*	*	*	*	*
Red Haricot beans	*	*	-	-	*	*
Chick peas	*	*	*	*	*	*
Lentils	23,074	7,948	-	-	33,097	6,849
Vetch/Grass peas	-	-	-	-	*	*
Soya beans	*	*	-	-	*	*
Fenugreek	*	*	*	*	9,706	*
Mung bean/'Masho'	46,219	10,417	*	*	25,714	5,444
Gibto	-	-	-	-	-	-
Oil Seeds	*	*	*	*	23,623	1,300
Nueg	-	-	-	-	*	*
Linseed	*	*	-	-	*	*
Ground nuts	-	-	-	-	-	-
Safflower	*	*	-	-	*	707
Sesame	*	*	*	*	10,278	531
Rapeseed	-	-	-	-	-	-
Vegetables	18,089	*	26,249	*	45,347	*
Lettuce	-	-	*	*	-	-
Head Cabbage	*	*	*	*	*	*
Ethiopian Cabbage	4,301	*	7,133	*	11,902	26
Tomatoes	*	*	*	*	*	*
Green peppers	*	*	*	*	*	*
Red papers	*	*	*	*	12,808	136
Swiss chard	*	*	*	*	*	*
Root Crops	65,526	9,484	43,211	*	87,026	*
Beet root	*	*	*	*	*	*
Carrot	-	-	-	-	-	-
Onion	53,669	9,070	*	*	47,641	*
Potatoes	*	*	*	*	8,591	*
Yam	-	-	-	-	-	-
Garlic	21,342	*	9,041	56	50,389	688
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	*	*	*	*
Other Temporary	*	*	*	*	*	*
Fruit Crops	*	*	32,880	419	*	*
Avocado	-	-	*	*	-	-
Bananas	*	*	16,245	*	*	*
Guava	-	-	*	*	-	-
Lemons	-	-	*	*	*	*
Mangos	-	-	6,952	16	*	*
Oranges	*	*	8,502	24	*	*
Papayas	*	*	2,481	*	*	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	12,603	*	37,318	*	*	*
Chat	*	*	*	*	*	*
Coffee	*	*	22,682	*	*	*
Hops/'Gesho'	*	*	23,565	357	*	*
Enset	-	-	-	-	-	-
Sugar Cane	-	-	*	*	*	*
Other Permanent	*	*	7,511	*	11,426	*

Table1.3.6: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

East Gojam

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	681,592	494,263	1,090,304	409,175	37,110	*	*	*
Cereals	554,711	462,114	1,031,350	215,194	22,548	*	*	*
Teff	264,900	256,225	517,066	9,641	969	-	-	-
Barley	49,721	18,117	23,723	42,765	4,687	-	-	-
Wheat	127,469	111,857	308,273	38,949	3,600	-	-	-
Maize	74,398	71,407	181,729	164,848	10,128	*	*	*
Sorghum	37,997	4,472	*	22,739	3,128	-	-	-
Finger millet	*	-	-	-	-	-	-	-
Oats/'Aja'	*	*	-	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	90,618	16,075	24,568	77,743	5,115	-	-	-
Horse/Faba beans	20,102	8,563	8,355	55,925	3,919	-	-	-
Field peas	11,706	4,159	10,243	5,944	312	-	-	-
White Haricot	7,887	*	*	*	*	-	-	-
Red Haricot beans	6,572	841	*	8,615	*	-	-	-
Chick peas	11,524	744	*	2,579	*	-	-	-
Lentils	1,966	*	*	-	-	-	-	-
Vetch/Grass peas	25,500	165	*	3,175	*	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	2,774	939	606	5,486	128	-	-	-
Mung bean/'Masho'	*	-	-	-	-	-	-	-
Gibto	*	*	*	-	-	-	-	-
Oil Seeds	19,568	*	19,114	29,859	*	-	-	-
Nueg	*	*	*	*	*	-	-	-
Linseed	1,291	*	*	*	*	-	-	-
Ground nuts	*	-	-	-	-	-	-	-
Safflower	*	*	-	*	*	-	-	-
Sesame	*	*	*	-	-	-	-	-
Rapeseed	2,144	1,695	18,562	26,709	390	-	-	-
Vegetables	2,489	2,232	4,075	132,489	896	-	-	-
Lettuce	*	*	-	*	*	-	-	-
Head Cabbage	220	195	*	26,045	149	-	-	-
Ethiopian Cabbage	*	*	*	4,642	*	-	-	-
Tomatoes	*	*	*	*	*	-	-	-
Green peppers	486	424	*	81,734	355	-	-	-
Red papers	1,690	1,535	3,075	40,836	371	-	-	-
Swiss chard	7	*	*	*	*	-	-	-
Root Crops	5,873	4,554	5,808	108,793	1,977	*	*	*
Beet root	*	*	*	24,671	*	-	-	-
Carrot	*	*	*	*	*	-	-	-
Onion	*	*	678	8,670	*	-	-	-
Potatoes	4,357	3,602	3,641	33,013	*	*	*	*
Yam	-	-	-	-	-	-	-	-
Garlic	774	455	1,413	59,509	176	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-
Other Temporary	856	488	*	46,156	243	*	*	*
Fruit Crops	219	79		18,629	79			
Avocado	*	*		*	*			
Bananas	*	*		*	*			
Guava	*	*		*	*			
Lemons	*	*		2,655	*			
Mangos	*	*		*	*			
Oranges	46	29		10,307	29			
Papayas	*	*		*	*			
Pineapples	-	-		-	-			
Stimulant Crops	6,616	4,775		243,198	4,624			
Chat	*	*		*	*			
Coffee	476	426		29,799	423			
Hops/'Gesho'	5,928	4,211		240,508	4,064			
Enset	-	-		-	-			
Sugar Cane	108	*		9,668	*			
Other Permanent	534	403		92,087	363			

(Table 1.3.6: cont'd.)

East Gojam, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	124,364	32,643	24,968	*	*	*	174,600	78,081	110,895
Cereals	102,521	30,283	23,417	*	*	*	136,907	68,816	99,240
Teff	49,604	17,459	13,163	*	*	*	96,062	47,402	59,143
Barley	*	*	*	-	-	-	27,065	4,311	5,214
Wheat	15,438	2,733	2,031	-	-	-	34,711	*	*
Maize	51,975	7,911	6,916	-	-	-	33,105	4,305	5,532
Sorghum	*	*	*	-	-	-	*	*	*
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	14,718	*	456	-	-	-	62,384	7,159	8,699
Horse/Faba beans	*	*	*	-	-	-	42,997	3,707	4,690
Field peas	*	*	*	-	-	-	27,285	2,748	*
White Haricot beans	*	*	*	-	-	-	-	-	-
Red Haricot beans	*	*	*	-	-	-	-	-	-
Chick peas	*	*	*	-	-	-	*	*	*
Lentils	-	-	-	-	-	-	*	*	*
Vetch/Grass peas	-	-	-	-	-	-	*	*	*
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	-	-	-	*	286	*
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	*	*	*
Oil Seeds	3,742	*	*	-	-	-	11,815	*	1,322
Nueg	*	*	*	-	-	-	*	*	*
Linseed	-	-	-	-	-	-	*	*	*
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	*	*	*	-	-	-	-	-	-
Rapeseed	*	*	*	-	-	-	8,698	363	1,153
Vegetables	34,048	573	502	-	-	-	4,782	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	4,488	*	*	-	-	-	*	*	*
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	*	*	*	-	-	-	-	-	-
Green peppers	6,840	*	*	-	-	-	*	*	*
Red papers	*	*	*	-	-	-	*	*	*
Swiss chard	-	-	-	-	-	-	*	*	*
Root Crops	14,585	*	*	-	-	-	15,646	708	1,445
Beet root	*	*	*	-	-	-	-	-	-
Carrot	*	*	*	-	-	-	-	-	-
Onion	*	*	*	-	-	-	*	*	*
Potatoes	*	*	*	-	-	-	13,755	656	1,102
Yam	-	-	-	-	-	-	-	-	-
Garlic	8,467	*	*	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	*	*	*	-	-	-	*	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1.3.6: cont'd.)

East Gojam, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	429,787	346,111	953,697	636,895	608,429	601,112	285,230	73,163	38,692
Cereals	421,865	340,226	908,051	589,218	482,042	484,703	276,816	72,669	38,603
Teff	305,673	190,164	444,135	417,713	255,805	106,144	20,045	9,094	2,170
Barley	44,132	8,168	17,734	172,439	49,249	87,656	*	*	*
Wheat	253,531	92,842	276,917	337,982	116,259	272,777	46,683	11,211	22,632
Maize	222,790	49,052	169,265	257,756	22,506	8,747	249,098	51,893	12,419
Sorghum	-	-	-	90,246	37,997	9,300	-	-	-
Finger millet	-	-	-	*	*	*	-	-	-
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	34,461	2,694	15,413	388,937	90,488	109,481	*	*	*
Horse/Faba beans	10,998	745	3,573	201,458	20,102	27,840	-	-	-
Field peas	15,483	1,078	6,578	93,048	11,706	15,496	-	-	-
White Haricot	-	-	-	41,959	7,887	9,051	-	-	-
Red Haricot beans	*	*	*	45,238	6,572	*	-	-	-
Chick peas	-	-	-	63,792	11,394	10,453	*	*	*
Lentils	*	*	*	23,011	1,966	1,210	-	-	-
Vetch/Grass peas	*	*	*	118,678	25,500	36,114	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	4,521	*	386	40,289	2,774	1,265	-	-	-
Mung bean/'Masho'	-	-	-	*	*	*	-	-	-
Gibto	*	*	*	10,367	*	*	-	-	-
Oil Seeds	28,820	896	17,688	151,944	19,568	6,928	-	-	-
Nueg	*	*	*	48,414	*	*	-	-	-
Linseed	-	-	-	18,505	1,291	*	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	*	*	*	*	*	*	-	-	-
Rapeseed	26,803	857	17,324	75,943	2,144	*	-	-	-
Vegetables	36,163	669	3,489	224,504	2,454	-	6,177	35	-
Lettuce	-	-	-	*	*	-	-	-	-
Head Cabbage	*	*	*	33,407	204	-	*	*	-
Ethiopian Cabbage	*	*	*	8,008	*	-	-	-	-
Tomatoes	-	-	-	3,979	*	-	-	-	-
Green peppers	2,661	*	*	107,296	476	-	*	*	-
Red papers	30,112	579	2,560	106,001	1,682	-	*	*	-
Swiss chard	-	-	-	3,935	5	-	*	*	-
Root Crops	40,260	1,422	3,929	203,827	5,794	-	7,157	*	-
Beet root	*	*	*	27,446	*	-	*	*	-
Carrot	-	-	-	*	*	-	*	*	-
Onion	5,514	*	*	22,168	*	-	*	*	-
Potatoes	19,784	1,067	2,209	81,111	4,357	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	16,310	204	*	118,794	770	-	*	*	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	*	*	*	95,170	856	-	-	-	-
Fruit Crops	5,449	*	*	31,974	219				
Avocado				*	*				
Bananas				13,476	*				
Guava				*	*				
Lemons				3,938	*				
Mangos				*	*				
Oranges				16,408	46				
Papayas				*	*				
Pineapples				-	-				
Stimulant Crops	1,341	56	442	366,090	6,397		15,807	*	-
Chat				19,696	*				
Coffee				26,585	*		15,135	*	-
Hops/'Gesho'				363,509	5,862				
Enset				-	-				
Sugar Cane				12,294	108				
Other Permanent				141,932	503				

(Table 1.3.6: Cont'd) East Gojam, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	180,073	121,721	88,960	4,011	495,824	377,473
Cereals	176,933	118,979	*	*	475,043	357,540
Teff	133,982	72,318	*	*	308,962	186,877
Barley	*	*	*	*	56,700	11,272
Wheat	107,134	43,863	-	-	270,800	91,852
Maize	6,589	*	-	-	337,333	64,985
Sorghum	*	*	-	-	6,120	2,554
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	7,869	1,902	*	*	119,371	14,033
Horse/Faba beans	*	*	-	-	73,649	6,109
Field peas	*	*	-	-	33,761	3,099
White Haricot beans	*	*	-	-	*	*
Red Haricot beans	*	*	-	-	*	1,096
Chick peas	*	*	-	-	8,215	*
Lentils	-	-	-	-	*	*
Vetch/Grass peas	*	*	-	-	6,677	677
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	*	*	*	*
Mung bean/'Masho"	-	-	-	-	-	-
Gibto	-	-	-	-	*	*
Oil Seeds	*	*	*	*	46,463	1,652
Nueg	*	*	*	*	*	*
Linseed	-	-	-	-	*	*
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	*	*	-	-	41,126	1,239
Vegetables	*	*	16,696	174	51,513	982
Lettuce	-	-	-	-	*	*
Head Cabbage	-	-	8,288	*	14,930	*
Ethiopian Cabbage	-	-	-	-	*	*
Tomatoes	-	-	*	*	-	-
Green peppers	-	-	11,601	*	10,879	63
Red papers	*	*	*	*	36,193	780
Swiss chard	-	-	-	-	*	*
Root Crops	*	*	34,970	2,056	56,927	1,607
Beet root	-	-	*	*	6,360	*
Carrot	-	-	*	*	*	*
Onion	*	*	*	*	9,342	*
Potatoes	-	-	28,012	1,708	24,273	*
Yam	-	-	-	-	-	-
Garlic	*	*	*	*	24,665	258
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	*	*	*	*	22,541	401
Fruit Crops	-	-	14,405	*	*	*
Avocado	-	-	-	-	-	-
Bananas	-	-	*	*	*	*
Guava	-	-	*	*	*	*
Lemons	-	-	*	*	-	-
Mangos	-	-	*	*	-	-
Oranges	-	-	*	*	*	*
Papayas	-	-	*	*	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	43,671	615	52,162	1,070
Chat	*	*	*	*	*	*
Coffee	*	*	11,586	96	10,681	*
Hops/'Gesho'	*	*	39,803	467	50,038	920
Enset	-	-	-	-	-	-
Sugar Cane	-	-	4,663	*	*	*
Other Permanent	*	*	6,522	*	16,452	*

Table1.3.7: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

West Gojam

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	672,324	553,506	1,399,154	389,452	32,933	25,397	7,803	6,953
Cereals	517,671	484,197	1,068,058	140,251	21,163	19,845	6,174	5,285
Teff	153,504	143,427	258,995	2,490	*	5,727	1,902	1,233
Barley	26,141	18,562	8,416	*	*	*	*	*
Wheat	38,442	36,984	80,791	*	*	5,281	1,006	*
Maize	212,557	209,834	630,788	113,456	9,344	*	*	*
Sorghum	*	-	-	-	-	-	-	-
Finger millet	78,753	74,789	88,798	*	*	*	*	*
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	*	*	*	-	-	-	-	-
Pulse	72,631	15,835	25,011	41,009	3,579	*	*	*
Horse/Faba beans	18,625	11,661	12,150	33,803	3,392	*	*	*
Field peas	8,377	2,938	3,395	*	*	*	*	*
White Haricot	*	*	*	*	*	*	-	-
Red Haricot beans	*	*	*	*	*	-	-	-
Chick peas	10,763	*	-	*	*	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	12,025	*	*	-	-	-	-	-
Soya beans	*	*	*	*	*	-	-	-
Fenugreek	67	*	-	*	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-
Gibto	7,347	338	776	-	-	*	*	*
Oil Seeds	30,860	8,504	57,587	20,707	521	*	*	*
Nueg	16,601	1,450	1,783	-	-	*	*	*
Linseed	1,175	*	*	*	*	*	*	*
Ground nuts	*	*	*	-	-	-	-	-
Safflower	*	*	*	-	-	-	-	-
Sesame	*	*	*	-	-	-	-	-
Rapeseed	6,224	6,052	52,171	19,263	411	*	*	*
Vegetables	32,735	32,383	167,251	109,493	743	*	*	*
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	13,608	*	*	*	*
Ethiopian Cabbage	*	*	-	*	*	-	-	-
Tomatoes	*	-	-	-	-	-	-	-
Green peppers	125	116	277	21,616	40	*	*	*
Red papers	32,396	32,134	166,437	77,176	603	*	*	*
Swiss chard	*	*	-	*	*	-	-	-
Root Crops	2,529	2,161	7,863	59,682	193	*	*	*
Beet root	*	*	*	*	*	-	-	-
Carrot	*	*	*	*	*	-	-	-
Onion	*	*	*	*	*	*	*	*
Potatoes	1,567	1,478	2,711	*	*	*	*	*
Yam	-	-	-	-	-	-	-	-
Garlic	357	306	3,435	44,919	102	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	-	*	*	-	-	-
Other Temporary	2,020	1,947	35,587	68,071	276	*	*	*
Fruit Crops	673	268		81,486	226			
Avocado	63	24		13,293	24			
Bananas	236	74		25,885	69			
Guava	*	*		13,523	15			
Lemons	47	21		13,482	20			
Mangos	199	76		35,301	75			
Oranges	*	10		8,227	10			
Papayas	22	13		13,952	*			
Pineapples	-	-		-	-			
Stimulant Crops	11,140	6,766		253,778	5,044			
Chat	*	*		35,952	*			
Coffee	3,074	*		76,344	*			
Hops/'Gesho'	6,298	3,968		238,239	2,396			
Enset	-	-		-	-			
Sugar Cane	1,469	1,147		10,334	*			
Other Permanent	597	296		93,945	162			

(Table 1.3.7: cont'd.)

West Gojam, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	150,416	27,591	20,054	57,677	30,726	72,431	282,051	126,018	154,742
Cereals	110,792	25,436	18,547	56,948	28,091	64,413	250,755	111,017	131,012
Teff	16,271	*	*	27,790	9,262	*	108,228	38,016	36,952
Barley	*	*	*	*	*	*	30,567	6,287	4,520
Wheat	*	*	*	15,608	2,922	5,373	38,092	*	*
Maize	74,308	13,631	12,155	51,224	14,881	39,416	64,484	7,932	12,403
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	35,784	6,680	3,760	*	*	*	122,820	48,953	58,714
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	*	*	*	-	-	-	-	-	-
Pulse	*	*	*	*	*	*	69,954	10,201	12,597
Horse/Faba beans	*	*	*	*	*	*	52,609	7,367	7,937
Field peas	*	*	*	*	*	*	19,689	2,098	2,610
White Haricot beans	-	-	-	-	-	-	*	*	*
Red Haricot beans	-	-	-	-	-	-	*	*	*
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	*	*	*
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	3,986	265	602
Oil Seeds	11,347	*	416	*	*	*	33,783	2,675	4,286
Nueg	-	-	-	-	-	-	7,437	1,344	1,224
Linseed	*	*	*	-	-	-	*	*	*
Ground nuts	-	-	-	-	-	-	*	*	*
Safflower	*	*	*	-	-	-	-	-	-
Sesame	*	*	*	-	-	-	-	-	-
Rapeseed	7,969	210	210	*	*	*	25,514	1,236	2,994
Vegetables	49,657	*	694	*	*	*	37,624	951	2,525
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	-	-	-	4,175	*	*
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	*	*	*	*	*	*	4,624	*	*
Red papers	47,302	*	676	*	*	*	29,486	917	2,357
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	15,791	54	54	11,313	*	*	29,891	919	1,795
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	*	*	*	*	*	*	*	*	*
Potatoes	*	*	*	*	*	*	22,496	746	1,288
Yam	-	-	-	-	-	-	-	-	-
Garlic	12,090	26	26	*	*	*	4,025	6	*
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	12,145	*	*	*	*	*	10,046	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1.3.7: cont'd.)

West Gojam, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	500,954	328,436	1,144,975	636,113	472,680	388,121	518,415	199,644	51,304
Cereals	477,243	292,317	848,801	539,283	319,345	290,789	507,916	198,326	51,304
Teff	185,256	89,812	201,459	326,114	137,464	60,329	34,732	16,039	4,290
Barley	5,691	682	1,014	97,175	26,141	76,852	-	-	-
Wheat	96,159	21,361	55,488	165,033	36,832	99,400	6,373	1,610	*
Maize	450,648	162,987	566,375	237,166	31,881	11,402	506,542	180,676	43,915
Sorghum	-	-	-	*	*	*	-	-	-
Finger millet	60,628	17,475	24,464	229,709	78,753	39,378	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	*	*	*	-	-	-
Pulse	*	*	*	302,291	72,631	89,482	-	-	-
Horse/Faba beans	*	*	*	134,455	18,625	17,367	-	-	-
Field peas	*	*	*	63,621	8,377	6,866	-	-	-
White Haricot	*	*	*	*	*	*	-	-	-
Red Haricot beans	*	*	*	36,046	*	*	-	-	-
Chick peas	-	-	-	53,089	10,763	10,845	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	92,691	12,025	21,011	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	-	-	-	9,545	67	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	*	*	*	46,861	7,347	4,558	-	-	-
Oil Seeds	75,820	2,911	48,316	211,607	30,860	7,850	-	-	-
Nueg	*	*	*	69,266	16,601	2,432	-	-	-
Linseed	*	*	*	19,225	1,175	448	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	*	*	*	*	*	*	-	-	-
Sesame	-	-	-	*	*	*	-	-	-
Rapeseed	71,080	2,759	44,757	139,845	6,224	*	-	-	-
Vegetables	232,546	29,034	162,563	415,586	32,731	-	*	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	4,615	7	*	31,564	*	-	*	*	-
Ethiopian Cabbage	-	-	-	*	*	-	-	-	-
Tomatoes	-	-	-	*	*	-	-	-	-
Green peppers	*	*	*	37,936	125	-	-	-	-
Red papers	228,314	29,000	161,983	378,888	32,393	-	*	*	-
Swiss chard	-	-	-	*	*	-	-	-	-
Root Crops	57,361	668	5,362	179,927	2,488	-	2,691	*	-
Beet root	*	*	*	10,528	*	-	*	*	-
Carrot	*	*	*	*	*	-	-	-	-
Onion	*	*	*	30,411	*	-	*	*	-
Potatoes	11,753	431	916	48,203	1,527	-	*	*	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	40,942	162	3,329	119,309	357	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	*	*	-	-	-	-
Other Temporary	53,788	1,269	33,673	157,424	2,014	-	*	*	-
Fruit Crops	47,382	1,229	29,497	130,429	648				
Avocado				17,699	*				
Bananas				45,494	234				
Guava				21,446	*				
Lemons				30,875	47				
Mangos				47,233	190				
Oranges				15,746	*				
Papayas				22,225	21				
Pineapples				-	-				
Stimulant Crops	4,092	94	1,339	427,487	9,901		*	*	-
Chat				56,153	*				
Coffee				101,987	1,867		*	*	-
Hops/'Gesho'				416,731	6,280				
Enset				-	-				
Sugar Cane				14,228	1,469				
Other Permanent				208,914	593				

(Table 1.3.7: Cont'd) West Gojam, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	340,104	208,998	185,843	9,275	578,085	451,698
Cereals	311,719	196,955	17,331	*	559,395	387,116
Teff	200,470	89,082	*	*	258,280	115,217
Barley	*	*	*	*	28,865	4,447
Wheat	76,355	23,522	-	-	133,482	31,490
Maize	77,411	36,279	13,946	*	543,056	191,751
Sorghum	*	*	-	-	*	*
Finger millet	111,329	45,399	-	-	133,671	43,936
Oats/'Aja'	-	-	-	-	-	-
Rice	*	*	-	-	-	-
Pulse	33,092	*	*	*	117,391	23,455
Horse/Faba beans	2,501	*	*	*	80,769	10,031
Field peas	*	*	-	-	22,093	2,949
White Haricot beans	-	-	-	-	*	*
Red Haricot beans	*	*	*	*	*	*
Chick peas	*	*	-	-	*	*
Lentils	-	-	-	-	-	-
Vetch/Grass peas	*	*	-	-	8,774	865
Soya beans	-	-	-	-	*	*
Fenugreek	-	-	*	*	-	-
Mung bean/'Masho"	-	-	-	-	-	-
Gibto	-	-	-	-	6,207	*
Oil Seeds	*	*	*	*	113,706	6,225
Nueg	-	-	-	-	5,152	*
Linseed	-	-	-	-	*	*
Ground nuts	-	-	-	-	*	*
Safflower	-	-	-	-	*	*
Sesame	*	*	-	-	*	*
Rapeseed	*	*	*	*	104,554	4,827
Vegetables	18,398	*	18,177	109	203,107	28,060
Lettuce	-	-	-	-	-	-
Head Cabbage	*	*	5,191	*	7,095	9
Ethiopian Cabbage	-	-	*	*	-	-
Tomatoes	-	-	-	-	-	-
Green peppers	*	*	*	*	14,367	59
Red papers	17,141	*	12,671	*	187,063	27,992
Swiss chard	-	-	*	*	-	-
Root Crops	*	*	25,788	843	59,129	847
Beet root	-	-	*	*	*	*
Carrot	-	-	*	*	-	-
Onion	*	*	*	*	13,410	*
Potatoes	*	*	*	*	13,473	472
Yam	-	-	-	-	-	-
Garlic	*	*	5,297	9	34,855	127
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	*	*
Other Temporary	*	*	16,989	40	71,816	1,608
Fruit Crops	-	-	77,666	434	24,868	153
Avocado	-	-	12,297	*	*	*
Bananas	-	-	28,079	163	9,497	*
Guava	-	-	5,983	*	*	*
Lemons	-	-	16,281	25	*	*
Mangos	-	-	38,348	156	*	*
Oranges	-	-	9,774	17	*	*
Papayas	-	-	16,096	14	*	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	39,517	*	152,937	4,628	100,018	3,708
Chat	*	*	41,348	*	*	*
Coffee	*	*	81,788	*	34,907	*
Hops/'Gesho'	21,204	*	123,908	1,249	82,569	1,669
Enset	-	-	-	-	-	-
Sugar Cane	-	-	9,144	*	*	*
Other Permanent	*	*	34,588	49	42,688	104

Table1.3.8: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Wagehamira

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	120,843	32,173	9,630	67,661	14,684	6,315	2,677	1,088
Cereals	98,008	28,710	9,079	60,668	12,177	6,315	2,605	1,046
Teff	27,807	10,146	4,287	7,233	1,990	3,984	1,674	672
Barley	15,999	4,114	1,216	11,330	1,559	2,055	407	205
Wheat	8,174	3,045	1,970	7,162	785	*	*	*
Maize	3,570	2,270	90	46,700	2,140	*	*	*
Sorghum	41,930	9,017	1,502	20,509	5,599	1,919	*	*
Finger millet	528	*	*	*	*	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	16,297	*	*	11,523	*	*	*	*
Horse/Faba beans	6,160	764	29	5,456	577	*	*	*
Field peas	2,531	*	*	*	38	-	-	-
White Haricot	4,202	*	*	*	*	-	-	-
Red Haricot beans	1,334	*	*	*	*	-	-	-
Chick peas	619	*	-	*	*	-	-	-
Lentils	*	*	-	*	*	-	-	-
Vetch/Grass peas	*	-	-	-	-	-	-	-
Soya beans	*	-	-	-	-	-	-	-
Fenugreek	*	*	*	*	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	6,294	905	442	7,485	401	982	58	*
Nueg	134	*	-	*	*	-	-	-
Linseed	776	*	*	4,018	*	*	*	*
Ground nuts	-	-	-	-	-	-	-	-
Safflower	837	318	305	1,865	75	*	*	*
Sesame	4,524	*	*	1,131	*	*	*	*
Rapeseed	*	*	-	*	*	-	-	-
Vegetables	32	14	*	8,253	13	-	-	-
Lettuce	*	*	-	*	*	-	-	-
Head Cabbage	*	*	*	1,078	*	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-
Tomatoes	7	3	*	2,809	3	-	-	-
Green peppers	10	6	*	5,984	5	-	-	-
Red papers	*	*	-	*	*	-	-	-
Swiss chard	1	1	*	1,626	1	-	-	-
Root Crops	112	*	*	11,590	*	-	-	-
Beet root	-	-	-	-	-	-	-	-
Carrot	*	*	*	1,201	*	-	-	-
Onion	*	*	*	1,076	*	-	-	-
Potatoes	80	*	-	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	23	14	*	7,254	9	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	-	*	*	-	-	-
Other Temporary	46	30	*	11,327	29	*	*	*
Fruit Crops	*	*		*	*			
Avocado	*	-		-	-			
Bananas	*	*		*	*			
Guava	*	*		*	*			
Lemons	*	-		-	-			
Mangos	*	*		*	*			
Oranges	*	-		-	-			
Papayas	*	*		*	*			
Pineapples	-	-		-	-			
Stimulant Crops	*	*		*	*			
Chat	*	-		-	-			
Coffee	*	*		*	*			
Hops/'Gesho'	*	*		*	*			
Enset	-	-		-	-			
Sugar Cane	*	-		-	-			
Other Permanent	30	17		8,883	16			

(Table 1.3.8: cont'd.)

Wagehamira, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	7,522	3,162	1,216	19,747	9,211	5,820	*	*	78
Cereals	6,816	2,863	*	19,747	8,714	5,526	*	*	*
Teff	1,369	443	162	12,076	5,163	3,052	*	*	*
Barley	*	*	*	3,987	1,290	715	*	*	*
Wheat	794	*	18	6,498	1,119	1,191	*	*	*
Maize	*	*	*	1,307	*	54	-	-	-
Sorghum	3,553	1,784	*	4,011	1,099	515	*	*	*
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	1,016	*	*	*	*	*
Horse/Faba beans	-	-	-	*	*	*	-	-	-
Field peas	-	-	-	-	-	-	*	*	*
White Haricot beans	*	*	*	-	-	-	-	-	-
Red Haricot beans	-	-	-	*	*	*	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	2,108	304	265	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	*	*	*	*	*	*	-	-	-
Sesame	*	*	*	*	*	*	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	*	*	*	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	*	*	*	-	-	-	-	-	-
Green peppers	*	*	*	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	*	*	*	-	-	-	-	-	-
Root Crops	*	*	*	-	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	*	*	*	-	-	-	-	-	-
Onion	*	*	*	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	*	*	*	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1.3.8: cont'd.)

Wagehamira, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	6,177	2,209	1,428	110,659	118,216	71,791	14,162	2,627	1,995
Cereals	6,177	2,130	1,349	109,166	95,436	59,192	11,607	2,572	1,980
Teff	2,751	857	392	70,511	27,246	10,185	2,955	561	205
Barley	*	*	*	55,700	15,999	25,969	-	-	-
Wheat	4,166	877	685	36,269	7,091	9,920	6,561	1,083	1,579
Maize	*	*	*	67,848	3,557	1,789	*	*	*
Sorghum	*	*	*	85,698	41,015	11,105	*	*	*
Finger millet	*	*	*	5,146	528	224	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	58,366	16,271	11,805	*	*	*
Horse/Faba beans	*	*	*	27,517	6,157	5,608	*	*	*
Field peas	-	-	-	19,604	2,531	3,430	-	-	-
White Haricot	*	*	*	16,277	4,179	975	*	*	*
Red Haricot beans	-	-	-	5,687	1,334	331	-	-	-
Chick peas	-	-	-	4,259	619	382	-	-	-
Lentils	-	-	-	5,744	*	*	-	-	-
Vetch/Grass peas	-	-	-	*	*	*	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	-	-	-	6,608	*	34	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	45,637	6,291	794	*	*	*
Nueg	-	-	-	2,593	134	19	-	-	-
Linseed	*	*	*	20,462	776	184	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	*	*	*	9,858	834	69	*	*	*
Sesame	-	-	-	17,925	4,524	515	-	-	-
Rapeseed	-	-	-	*	*	*	-	-	-
Vegetables	-	-	-	11,071	20	-	2,463	*	-
Lettuce	-	-	-	*	*	-	-	-	-
Head Cabbage	-	-	-	*	*	-	1,456	*	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	3,022	4	-	1,334	*	-
Green peppers	-	-	-	8,448	8	-	*	*	-
Red papers	-	-	-	*	*	-	-	-	-
Swiss chard	-	-	-	*	*	-	1,540	1	-
Root Crops	*	*	*	16,921	104	-	*	*	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	*	*	-	1,052	*	-
Onion	-	-	-	2,047	*	-	-	-	-
Potatoes	-	-	-	6,596	*	-	*	*	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	10,850	23	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	*	*	-	-	-	-
Other Temporary	-	-	-	16,765	45	-	*	*	-
Fruit Crops				2,000	*				
Avocado				*	*				
Bananas				*	*				
Guava				*	*				
Lemons				*	*				
Mangos				*	*				
Oranges				*	*				
Papayas				*	*				
Pineapples				-	-				
Stimulant Crops	-	-	-	5,881	*		*	*	-
Chat				*	*				
Coffee				*	*		*	*	-
Hops/'Gesho'				5,240	*				
Enset				-	-				
Sugar Cane				*	*				
Other Permanent				14,681	30				

(Table 1.3.8: Cont'd) Wagehamira, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	*	*	7,967	714	41,903	19,146
Cereals	1,094	*	3,153	*	38,476	16,853
Teff	*	*	*	*	19,600	7,973
Barley	-	-	*	*	8,684	2,443
Wheat	*	*	*	*	14,393	2,719
Maize	-	-	*	*	3,759	162
Sorghum	*	*	*	*	11,140	3,543
Finger millet	*	*	*	*	*	*
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	*	*	-	-	*	*
Horse/Faba beans	-	-	-	-	1,016	*
Field peas	-	-	-	-	*	*
White Haricot beans	*	*	-	-	*	*
Red Haricot beans	*	*	-	-	-	-
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	*	*
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	*	*
Mung bean/'Masho"	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	*	*	3,982	484
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	*	*
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	2,140	214
Sesame	-	-	*	*	*	*
Rapeseed	-	-	*	*	*	*
Vegetables	-	-	4,384	19	3,115	*
Lettuce	-	-	*	*	*	*
Head Cabbage	-	-	1,564	*	2,030	*
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	-	-	1,991	*	*	*
Green peppers	-	-	2,340	5	1,961	*
Red papers	-	-	*	*	-	-
Swiss chard	-	-	1,158	1	1,487	*
Root Crops	-	-	2,215	8	3,844	20
Beet root	-	-	-	-	-	-
Carrot	-	-	1,129	*	*	*
Onion	-	-	*	*	1,128	2
Potatoes	-	-	*	*	*	*
Yam	-	-	-	-	-	-
Garlic	-	-	*	*	1,283	*
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	*	*	*	*
Other Temporary	-	-	*	*	1,098	*
Fruit Crops	-	-	1,566	*	*	*
Avocado	-	-	*	*	-	-
Bananas	-	-	*	*	-	-
Guava	-	-	*	*	*	*
Lemons	-	-	*	*	-	-
Mangos	-	-	*	*	*	*
Oranges	-	-	*	*	*	*
Papayas	-	-	*	*	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	-	-	*	*	*	*
Chat	-	-	*	*	*	*
Coffee	-	-	*	*	-	-
Hops/'Gesho'	-	-	*	*	*	*
Enset	-	-	-	-	-	-
Sugar Cane	-	-	*	*	-	-
Other Permanent	-	-	*	*	*	*

Table1.3.9: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Agewawie

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	318,956	249,559	403,079	205,750	28,832	*	*	*
Cereals	228,836	211,877	281,136	121,870	19,755	*	*	*
Teff	71,731	66,062	51,641	11,416	2,147	*	*	*
Barley	12,686	10,203	8,572	24,832	3,549	*	*	*
Wheat	16,384	16,118	29,261	4,125	476	*	*	*
Maize	69,659	67,968	145,852	107,405	12,946	*	*	*
Sorghum	*	-	-	-	-	-	-	-
Finger millet	52,411	51,395	45,772	2,956	638	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	*	*	*	-	-	-	-	-
Pulse	25,047	6,541	7,981	20,679	685	*	*	*
Horse/Faba beans	3,184	2,576	2,241	*	310	-	-	-
Field peas	2,979	*	3,168	*	*	-	-	-
White Haricot	*	*	*	*	*	-	-	-
Red Haricot beans	*	*	*	-	-	-	-	-
Chick peas	*	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	*	*	*	-	-	*	*	*
Fenugreek	*	*	-	*	*	-	-	-
Mung bean/'Masho'	*	-	-	-	-	-	-	-
Gibto	6,923	*	*	*	*	-	-	-
Oil Seeds	38,550	6,608	12,764	35,059	3,394	*	*	*
Nueg	21,983	*	*	*	*	-	-	-
Linseed	*	-	-	-	-	-	-	-
Ground nuts	*	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	*	*	*	-	-	-	-	-
Rapeseed	2,871	2,719	11,838	30,157	*	*	*	*
Vegetables	18,264	18,035	91,076	53,644	589	*	*	*
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	*	*	-	-	-
Ethiopian Cabbage	*	*	*	12,712	*	*	*	*
Tomatoes	*	*	-	*	*	-	-	-
Green peppers	*	*	*	13,662	*	-	-	-
Red papers	17,870	17,720	90,876	27,005	312	-	-	-
Swiss chard	*	*	*	*	*	-	-	-
Root Crops	3,634	3,258	2,762	58,395	1,466	*	*	*
Beet root	*	*	*	-	-	-	-	-
Carrot	*	-	-	-	-	-	-	-
Onion	*	*	*	*	*	-	-	-
Potatoes	2,605	2,384	1,518	18,615	699	*	*	*
Yam	*	*	-	*	*	-	-	-
Garlic	*	*	*	35,341	*	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	308	*	*	*	*	-	-	-
Other Temporary	556	482	*	34,383	257	-	-	-
Fruit Crops	737	322		50,648	310			
Avocado	*	*		5,041	*			
Bananas	137	103		22,817	103			
Guava	*	*		*	*			
Lemons	*	*		5,055	*			
Mangos	*	*		21,436	*			
Oranges	*	*		8,244	*			
Papayas	*	*		*	*			
Pineapples	-	-		-	-			
Stimulant Crops	2,528	1,847		129,279	1,808			
Chat	*	*		*	*			
Coffee	1,312	946		62,026	933			
Hops/'Gesho'	1,074	816		120,453	791			
Enset	-	-		-	-			
Sugar Cane	*	*		6,734	*			
Other Permanent	345	236		66,284	216			

(Table 1.3.9: cont'd.)

Agewawie, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	24,401	4,475	2,679	*	*	*	157,069	106,222	96,628
Cereals	14,501	3,122	1,873	*	*	*	148,205	98,698	85,263
Teff	*	*	*	*	*	*	84,035	41,620	30,960
Barley	*	*	*	*	*	*	17,475	2,495	2,639
Wheat	2,839	494	281	*	*	*	17,299	3,833	4,469
Maize	4,668	*	368	*	*	*	44,776	5,611	7,058
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	*	*	*	91,375	45,009	40,099
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	*	*	*
Pulse	*	*	*	-	-	-	30,043	4,944	5,194
Horse/Faba beans	-	-	-	-	-	-	17,557	*	2,107
Field peas	-	-	-	-	-	-	13,298	*	*
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	*	*	*
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	*	*	*
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	*	*	*	-	-	-	*	*	*
Oil Seeds	3,168	*	*	*	*	*	12,177	*	2,042
Nueg	*	*	*	-	-	-	*	*	*
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	*	*	*	*	*	*	*	*	*
Rapeseed	*	*	*	-	-	-	11,194	*	2,000
Vegetables	7,498	*	*	-	-	-	9,140	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	-	-	-	*	*	*
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	*	*	*	-	-	-	*	*	*
Red papers	*	*	*	-	-	-	7,056	*	*
Swiss chard	-	-	-	-	-	-	*	*	*
Root Crops	*	*	*	*	*	*	18,454	1,269	1,208
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	*	*	*
Potatoes	*	*	*	-	-	-	16,581	1,214	1,060
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	*	*	*	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	*	*	*
Other Temporary	-	-	-	-	-	-	*	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1.3.9: cont'd.)

Agewawie, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	174,392	102,198	294,641	284,826	267,684	188,984	153,579	51,271	10,771
Cereals	162,364	83,594	185,442	249,381	178,362	148,654	135,168	50,474	10,749
Teff	37,392	17,786	17,349	141,903	71,135	41,178	*	*	*
Barley	8,446	1,994	3,161	68,164	12,645	28,616	*	*	*
Wheat	43,958	9,929	21,762	68,372	15,544	39,115	*	*	*
Maize	131,098	48,327	137,814	164,705	20,662	5,908	130,788	48,997	9,349
Sorghum	-	-	-	*	*	*	-	-	-
Finger millet	12,812	5,557	5,356	109,161	52,411	31,013	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	*	*	*	-	-	-
Pulse	6,787	*	2,596	94,482	24,912	27,549	*	*	*
Horse/Faba beans	*	*	*	30,801	3,180	2,648	*	*	*
Field peas	*	*	*	23,409	2,979	2,491	-	-	-
White Haricot	*	*	*	*	*	*	*	*	*
Red Haricot beans	*	*	*	3,697	*	*	-	-	-
Chick peas	-	-	-	*	*	*	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	-	-	-	*	*	*	-	-	-
Mung bean/'Masho'	-	-	-	*	*	*	-	-	-
Gibto	*	*	*	28,364	6,923	2,197	-	-	-
Oil Seeds	19,985	856	9,760	114,161	38,541	12,781	*	*	-
Nueg	*	*	*	43,858	21,983	4,161	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	*	*	*	-	-	-
Rapeseed	19,553	780	9,723	60,788	2,862	*	*	*	-
Vegetables	58,923	16,711	88,540	134,319	18,257	-	*	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	*	*	-	*	*	-
Ethiopian Cabbage	-	-	-	20,487	*	-	-	-	-
Tomatoes	-	-	-	*	*	-	-	-	-
Green peppers	*	*	*	19,972	*	-	*	*	-
Red papers	58,014	16,689	88,404	98,457	17,867	-	*	*	-
Swiss chard	-	-	-	-	-	-	*	*	-
Root Crops	9,450	*	1,463	100,667	3,633	-	*	*	-
Beet root	*	*	*	*	*	-	-	-	-
Carrot	-	-	-	-	-	-	*	*	-
Onion	-	-	-	*	*	-	-	-	-
Potatoes	*	*	*	46,067	2,604	-	*	*	-
Yam	-	-	-	*	*	-	-	-	-
Garlic	*	*	*	45,717	*	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	*	16,811	308	-	-	-	-
Other Temporary	*	*	*	52,018	551	-	*	*	-
Fruit Crops	1,784	*	*	70,178	733				
Avocado				5,514	*				
Bananas				29,685	137				
Guava				3,412	*				
Lemons				8,897	*				
Mangos				34,949	*				
Oranges				8,989	*				
Papayas				10,299	*				
Pineapples				-	-				
Stimulant Crops	-	-	-	172,749	1,893		32,387	*	-
Chat				*	*				
Coffee				45,600	684		31,772	*	-
Hops/'Gesho'				165,019	1,067				
Enset				-	-				
Sugar Cane				11,204	*				
Other Permanent				95,883	345				

(Table 1.3.9: Cont'd) Agewawie, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	98,719	74,261	70,287	3,947	234,134	206,617
Cereals	93,249	61,788	9,205	*	219,511	170,915
Teff	38,674	21,140	-	-	96,533	46,813
Barley	*	*	*	*	29,785	5,305
Wheat	*	*	-	-	51,726	13,172
Maize	14,620	4,530	6,300	*	183,965	62,068
Sorghum	*	*	-	-	*	*
Finger millet	65,046	29,429	-	-	88,270	43,158
Oats/'Aja'	-	-	-	-	-	-
Rice	*	*	-	-	*	*
Pulse	*	*	-	-	38,342	8,011
Horse/Faba beans	*	*	-	-	14,647	1,272
Field peas	-	-	-	-	15,699	*
White Haricot beans	-	-	-	-	*	*
Red Haricot beans	-	-	-	-	*	*
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	*	*	-	-	*	*
Fenugreek	-	-	-	-	*	*
Mung bean/'Masho"	-	-	-	-	-	-
Gibto	-	-	-	-	3,038	*
Oil Seeds	*	*	-	-	49,108	7,035
Nueg	*	*	-	-	*	*
Linseed	-	-	-	-	-	-
Ground nuts	*	*	-	-	*	*
Safflower	-	-	-	-	-	-
Sesame	*	*	-	-	*	*
Rapeseed	*	*	-	-	40,569	2,065
Vegetables	*	*	6,212	*	77,876	17,026
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	*	*	*	*
Ethiopian Cabbage	-	-	*	*	*	*
Tomatoes	-	-	-	-	-	-
Green peppers	-	-	*	*	*	*
Red papers	*	*	*	19	69,608	16,929
Swiss chard	-	-	-	-	*	*
Root Crops	-	-	*	*	35,072	1,695
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	*	*
Onion	-	-	*	*	*	*
Potatoes	-	-	*	*	18,539	1,087
Yam	-	-	-	-	*	*
Garlic	-	-	*	*	10,358	*
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	5,378	*
Other Temporary	-	-	4,567	*	20,609	*
Fruit Crops	*	*	28,458	164	22,147	*
Avocado	-	-	*	*	*	*
Bananas	-	-	12,369	57	7,277	*
Guava	-	-	*	*	*	*
Lemons	-	-	1,521	*	*	*
Mangos	*	*	13,016	40	*	*
Oranges	-	-	5,388	*	2,634	*
Papayas	*	*	1,688	*	*	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	-	-	54,471	1,299	35,666	*
Chat	-	-	*	*	*	*
Coffee	-	-	43,796	937	31,316	*
Hops/'Gesho'	-	-	44,405	240	26,672	130
Enset	-	-	-	-	-	-
Sugar Cane	-	-	6,280	94	*	*
Other Permanent	-	-	11,199	17	16,267	*

Table1.3.10: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Oromia Zone (Amahara)

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	63,492	16,669	4,356	69,521	8,574	6,904	*	1,226
Cereals	47,417	12,126	2,956	44,052	5,224	5,604	*	926
<i>Teff</i>	7,834	1,263	502	*	*	*	*	*
<i>Barley</i>	299	*	-	*	*	-	-	-
<i>Wheat</i>	*	*	-	*	*	-	-	-
<i>Maize</i>	3,803	1,742	*	34,171	1,264	*	*	*
<i>Sorghum</i>	35,284	8,872	1,942	17,624	3,562	4,796	*	703
<i>Finger millet</i>	*	*	*	-	-	*	*	*
<i>Oats/Aja'</i>	*	*	-	*	*	-	-	-
<i>Rice</i>	-	-	-	-	-	-	-	-
Pulse	6,016	1,440	*	7,223	*	*	*	*
<i>Horse/Faba beans</i>	*	*	-	*	*	-	-	-
<i>Field peas</i>	*	*	*	*	*	*	*	*
<i>White Haricot</i>	*	*	-	*	*	-	-	-
<i>Red Haricot beans</i>	*	*	*	*	*	*	*	*
<i>Chick peas</i>	*	*	*	-	-	-	-	-
<i>Lentils</i>	*	*	-	*	*	-	-	-
<i>Vetch/Grass peas</i>	-	-	-	-	-	-	-	-
<i>Soya beans</i>	*	-	-	-	-	-	-	-
<i>Fenugreek</i>	*	*	-	948	*	-	-	-
<i>Mung bean/"Masho"</i>	4,645	*	*	2,820	*	*	*	*
<i>Gibto</i>	-	-	-	-	-	-	-	-
Oil Seeds	4,089	1,043	678	13,518	556	*	*	*
<i>Nueg</i>	*	*	-	*	*	-	-	-
<i>Linseed</i>	*	*	-	*	*	-	-	-
<i>Ground nuts</i>	1,490	*	*	*	*	*	*	*
<i>Safflower</i>	342	110	*	6,550	82	*	*	*
<i>Sesame</i>	2,170	607	458	5,370	311	*	*	*
<i>Rapeseed</i>	*	*	*	-	-	*	*	*
Vegetables	459	160	*	7,244	71	*	*	*
<i>Lettuce</i>	*	*	-	*	*	-	-	-
<i>Head Cabbage</i>	-	-	-	-	-	-	-	-
<i>Ethiopian Cabbage</i>	*	*	-	*	*	-	-	-
<i>Tomatoes</i>	*	*	*	*	*	-	-	-
<i>Green peppers</i>	*	*	*	*	*	-	-	-
<i>Red papers</i>	276	121	*	*	*	*	*	*
<i>Swiss chard</i>	-	-	-	-	-	-	-	-
Root Crops	*	*	*	4,098	19	*	*	*
<i>Beet root</i>	-	-	-	-	-	-	-	-
<i>Carrot</i>	-	-	-	-	-	-	-	-
<i>Onion</i>	*	*	*	*	*	*	*	*
<i>Potatoes</i>	*	*	-	*	*	-	-	-
<i>Yam</i>	-	-	-	-	-	-	-	-
<i>Garlic</i>	10	7	-	2,537	7	-	-	-
<i>Taro/"Godere"</i>	-	-	-	-	-	-	-	-
<i>Sweet potatoes</i>	*	*	-	*	*	-	-	-
Other Temporary	899	215	83	12,827	117	*	*	*
Fruit Crops	556	184		21,598	184			
<i>Avocado</i>	*	*		*	*			
<i>Bananas</i>	*	*		5,745	*			
<i>Guava</i>	53	*		2,225	*			
<i>Lemons</i>	28	*		3,078	*			
<i>Mangos</i>	130	49		11,179	49			
<i>Oranges</i>	194	*		7,593	*			
<i>Papayas</i>	59	37		9,174	36			
<i>Pineapples</i>	-	-		-	-			
Stimulant Crops	3,470	1,431		25,750	1,423			
<i>Chat</i>	2,808	1,214		21,062	1,206			
<i>Coffee</i>	661	217		11,654	217			
<i>Hops/"Gesho"</i>	-	-		-	-			
Enset	-	-		-	-			
Sugar Cane	*	*		*	*			
Other Permanent	35	*		4,967	*			

(Table 1.3.10: cont'd.)

Oromia Zone (Amahara), 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	7,578	1,969	736	*	*	*	*	*	*
Cereals	5,291	1,582	528	*	*	*	*	*	*
Teff	2,297	*	*	-	-	-	*	*	*
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	*	*	*	*	*	*	*	*	*
Sorghum	*	919	240	*	*	*	*	*	*
Finger millet	-	-	-	*	*	*	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	*	*	*	*	*	*
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	*	*	*	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	*	*	*	-	-	-
Chick peas	-	-	-	-	-	-	*	*	*
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	*	*	*	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	2,234	*	*	*	*	*	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	*	*	*	-	-	-	*	*	*
Sesame	*	*	*	*	*	*	*	*	*
Rapeseed	*	*	*	-	-	-	*	*	*
Vegetables	*	*	*	-	-	-	*	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	*	*	*	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	*	*	*	-	-	-	*	*	*
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	*	*	*	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	*	*	*	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	*	*	*	*	*	*	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1.3.10: cont'd.)

Oromia Zone (Amahara), 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	137,072	63,090	14,355	5,379	*	*
Cereals	*	*	*	110,930	47,114	10,747	*	*	*
Teff	-	-	-	29,890	7,745	2,095	*	*	*
Barley	-	-	-	*	299	81	-	-	-
Wheat	-	-	-	*	*	*	-	-	-
Maize	*	*	*	66,662	3,796	2,381	*	*	*
Sorghum	*	*	*	80,732	35,078	6,065	*	*	*
Finger millet	-	-	-	*	*	*	-	-	-
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	36,348	6,016	2,682	-	-	-
Horse/Faba beans	-	-	-	*	*	*	-	-	-
Field peas	-	-	-	*	*	*	-	-	-
White Haricot	-	-	-	*	*	*	-	-	-
Red Haricot beans	-	-	-	*	*	*	-	-	-
Chick peas	-	-	-	*	*	*	-	-	-
Lentils	-	-	-	*	*	*	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	-	-	-	1,691	*	*	-	-	-
Mung bean/"Masho"	-	-	-	25,330	4,645	2,055	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	49,754	4,089	926	-	-	-
Nueg	-	-	-	*	*	*	-	-	-
Linseed	-	-	-	3,555	*	11	-	-	-
Ground nuts	-	-	-	15,945	1,490	622	-	-	-
Safflower	-	-	-	16,073	342	89	-	-	-
Sesame	*	*	*	27,714	2,170	199	-	-	-
Rapeseed	-	-	-	*	*	*	-	-	-
Vegetables	*	*	*	23,568	459	-	-	-	-
Lettuce	-	-	-	*	*	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	*	*	-	-	-	-
Tomatoes	-	-	-	3,575	*	-	-	-	-
Green peppers	*	*	*	*	*	-	-	-	-
Red papers	*	*	*	15,230	276	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	6,459	24	-	*	*	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	1,082	*	-	*	*	-
Potatoes	-	-	-	*	*	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	4,034	10	-	*	*	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	*	*	-	-	-	-
Other Temporary	*	*	*	33,696	899	-	-	-	-
Fruit Crops	-	-	-	46,441	538				
Avocado				*	*				
Bananas				10,661	*				
Guava				8,736	53				
Lemons				10,417	28				
Mangos				23,724	112				
Oranges				14,206	194				
Papayas				16,620	59				
Pineapples				-	-				
Stimulant Crops	-	-	-	43,911	3,424		*	*	-
Chat				36,242	2,786				
Coffee				20,782	637		*	*	-
Hops/'Gesho'				-	-				
Enset				-	-				
Sugar Cane				*	*				
Other Permanent				14,487	35				

(Table 1.3.10: Cont'd) Oromia Zone (Amahara),2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	33,576	13,737	27,118	1,823	38,913	15,721
Cereals	23,171	10,462	3,408	113	31,255	12,189
Teff	2,792	659	-	-	5,027	1,295
Barley	*	*	-	-	*	*
Wheat	-	-	-	-	-	-
Maize	2,003	*	2,503	*	6,071	582
Sorghum	20,243	9,694	*	*	26,089	10,256
Finger millet	*	*	-	-	*	*
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	11,636	2,437	*	*	8,652	*
Horse/Faba beans	-	-	-	-	-	-
Field peas	*	*	-	-	*	*
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	*	*	*	*	*	*
Chick peas	*	*	*	*	*	*
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	*	*	-	-	-	-
Fenugreek	*	*	*	*	-	-
Mung bean/'Masho'	9,088	2,323	-	-	*	*
Gibto	-	-	-	-	-	-
Oil Seeds	7,895	*	*	*	17,653	1,637
Nueg	*	*	-	-	-	-
Linseed	-	-	*	*	*	*
Ground nuts	*	*	-	-	*	*
Safflower	*	*	-	-	*	*
Sesame	*	*	*	*	8,685	715
Rapeseed	-	-	-	-	*	*
Vegetables	2,518	*	3,759	*	*	*
Lettuce	-	-	*	*	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	*	*	-	-
Tomatoes	-	-	*	*	*	*
Green peppers	*	*	*	*	*	*
Red papers	1,904	*	1,544	*	*	*
Swiss chard	-	-	-	-	-	-
Root Crops	*	*	1,880	*	*	*
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	*	*	*	*	*	*
Potatoes	-	-	*	*	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	1,096	7	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	*	*	-	-
Other Temporary	*	*	1,979	*	2,959	*
Fruit Crops	1,093	*	15,862	209	*	*
Avocado	-	-	*	*	*	*
Bananas	-	-	4,323	*	*	*
Guava	-	-	*	*	*	*
Lemons	*	*	3,230	*	*	*
Mangos	*	*	9,268	62	*	*
Oranges	*	*	6,810	25	*	*
Papayas	-	-	5,582	12	*	7
Pineapples	-	-	-	-	-	-
Stimulant Crops	3,038	*	18,657	929	*	*
Chat	2,652	*	14,517	823	*	*
Coffee	*	*	7,937	106	*	*
Hops/'Gesho'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	*	*	-	-
Other Permanent	-	-	*	*	*	*

Table1.3.11: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Argoba Special

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	6,399	1,933	336	4,721	1,389	157	*	13
Cereals	4,700	1,715	295	4,248	1,229	*	*	12
Teff	345	157	46	342	78	-	-	-
Barley	20	14	*	136	6	-	-	-
Wheat	*	-	-	-	-	-	-	-
Maize	315	188	24	1,822	175	*	*	*
Sorghum	4,008	1,348	203	3,265	968	*	*	11
Finger millet	5	4	*	*	*	-	-	-
Oats/'Aja'	*	*	*	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	1,240	100	*	697	81	*	*	*
Horse/Faba beans	*	-	-	-	-	-	-	-
Field peas	9	*	-	*	*	-	-	-
White Haricot	*	*	*	*	*	-	-	-
Red Haricot beans	16	10	*	273	7	-	-	-
Chick peas	*	-	-	*	-	-	-	-
Lentils	19	*	-	*	*	-	-	-
Vetch/Grass peas	*	-	-	-	-	-	-	-
Soya beans	*	-	*	-	-	-	-	-
Fenugreek	1	*	-	*	*	-	-	-
Mung bean/'Masho'	1,184	79	*	309	64	*	*	*
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	362	58	18	482	28	*	*	*
Nueg	*	*	*	*	*	*	*	*
Linseed	3	*	*	*	*	-	-	-
Ground nuts	*	*	*	-	-	-	-	-
Safflower	20	11	*	239	9	-	-	-
Sesame	334	*	*	143	*	-	-	-
Rapeseed	-	-	-	-	-	-	-	-
Vegetables	29	21	4	1,466	18	-	-	-
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-
Ethiopian Cabbage	*	*	-	*	*	-	-	-
Tomatoes	*	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-
Red papers	29	21	4	1,446	18	-	-	-
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	*	*	-	195	*	-	-	-
Beet root	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	*	*	-	*	*	-	-	-
Potatoes	*	*	-	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	*	*	-	*	*	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	-	*	*	-	-	-
Other Temporary	29	23	*	1,083	19	*	*	*
Fruit Crops	*	3		234	3			
Avocado	-	-		-	-			
Bananas	*	*		*	*			
Guava	2	*		142	*			
Lemons	1	*		*	*			
Mangos	*	*		*	*			
Oranges	*	*		*	*			
Papayas	*	*		*	*			
Pineapples	-	-		-	-			
Stimulant Crops	14	10		304	7			
Chat	10	8		231	7			
Coffee	*	1		90	*			
Hops/'Gesho'	*	-		-	-			
Enset	-	-		-	-			
Sugar Cane	*	-		-	-			
Other Permanent	1	1		178	1			

(Table 1.3.11: cont'd.)

Aregoba Special, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	326	61	29	861	309	174	*	*	*
Cereals	255	58	28	825	256	135	*	*	*
Teff	*	*	*	372	73	37	*	*	*
Barley	-	-	-	*	*	*	*	*	*
Wheat	-	-	-	-	-	-	-	-	-
Maize	*	*	*	*	*	*	-	-	-
Sorghum	235	49	21	556	178	90	*	*	*
Finger millet	-	-	-	*	*	*	-	-	-
Oats/'Aja'	-	-	-	-	-	-	*	*	*
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	*	*	*	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	*	*	*	-	-	-
Red Haricot beans	*	*	*	*	*	*	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	*	*	*	*	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	182	*	18	-	-	-
Nueg	-	-	-	*	*	*	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	*	*	*	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	*	*	*	177	2	4	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	*	*	*	177	2	4	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	*	*	*	*	*	*	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1.3.11: cont'd.)

Argoba Special, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	211	76	87	9,065	6,251	1,892	486	148	*
Cereals	211	76	87	8,722	4,680	1,289	97	21	*
Teff	-	-	-	1,393	324	121	97	21	*
Barley	*	*	*	289	20	20	-	-	-
Wheat	-	-	-	*	*	*	-	-	-
Maize	*	*	*	3,397	315	73	-	-	-
Sorghum	191	68	65	8,168	4,008	1,059	-	-	-
Finger millet	-	-	-	221	5	2	-	-	-
Oats/'Aja'	*	*	*	73	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	3,973	1,159	555	*	*	*
Horse/Faba beans	-	-	-	*	*	*	-	-	-
Field peas	-	-	-	109	9	*	-	-	-
White Haricot	-	-	-	94	2	*	*	*	*
Red Haricot beans	-	-	-	480	16	7	-	-	-
Chick peas	-	-	-	*	*	*	-	-	-
Lentils	-	-	-	236	19	14	-	-	-
Vetch/Grass peas	-	-	-	*	*	*	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	-	-	-	152	1	*	-	-	-
Mung bean/'Masho'	-	-	-	3,088	1,106	523	*	*	*
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	2,084	331	48	*	*	*
Nueg	-	-	-	74	*	*	-	-	-
Linseed	-	-	-	288	3	1	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	549	20	3	-	-	-
Sesame	-	-	-	1,429	304	44	*	*	*
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	2,617	29	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	*	*	-	-	-	-
Tomatoes	-	-	-	*	*	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	2,539	29	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	471	*	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	*	*	-	-	-	-
Potatoes	-	-	-	*	*	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	323	*	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	82	*	-	-	-	-
Other Temporary	-	-	-	1,719	29	-	-	-	-
Fruit Crops	-	-	-	961	5	-	-	-	-
Avocado	-	-	-	-	-	-	-	-	-
Bananas	-	-	-	75	*	-	-	-	-
Guava	-	-	-	396	2	-	-	-	-
Lemons	-	-	-	224	1	-	-	-	-
Mangos	-	-	-	228	1	-	-	-	-
Oranges	-	-	-	*	*	-	-	-	-
Papayas	-	-	-	357	1	-	-	-	-
Pineapples	-	-	-	-	-	-	-	-	-
Stimulant Crops	-	-	-	706	12	-	*	*	-
Chat	-	-	-	441	10	-	-	-	-
Coffee	-	-	-	234	1	-	*	*	-
Hops/'Gesho'	-	-	-	*	*	-	-	-	-
Enset	-	-	-	-	-	-	-	-	-
Sugar Cane	-	-	-	*	*	-	-	-	-
Other Permanent	-	-	-	397	1	-	-	-	-

(Table 1.3.11: Cont'd) Argoba Special, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	6,398	3,603	653	76	3,659	1,568
Cereals	6,338	3,193	*	*	3,459	1,284
Teff	649	148	-	-	598	118
Barley	111	4	-	-	133	*
Wheat	-	-	-	-	-	-
Maize	1,372	132	*	*	849	56
Sorghum	6,132	2,904	73	*	2,906	1,093
Finger millet	*	*	-	-	*	*
Oats/'Aja'	*	*	-	-	*	*
Rice	-	-	-	-	-	-
Pulse	1,084	250	*	*	741	134
Horse/Faba beans	-	-	-	-	-	-
Field peas	*	*	-	-	*	*
White Haricot beans	*	*	-	-	*	*
Red Haricot beans	272	13	-	-	236	12
Chick peas	*	-	-	-	*	-
Lentils	*	*	-	-	*	*
Vetch/Grass peas	*	*	-	-	*	*
Soya beans	*	*	-	-	*	*
Fenugreek	*	*	-	-	-	-
Mung bean/'Masho'	727	225	*	*	412	104
Gibto	-	-	-	-	-	-
Oil Seeds	823	138	*	*	636	115
Nueg	*	*	-	-	*	*
Linseed	80	*	-	-	73	*
Ground nuts	-	-	*	*	*	*
Safflower	169	8	-	-	195	9
Sesame	669	128	*	*	389	100
Rapeseed	-	-	-	-	-	-
Vegetables	589	7	*	*	600	7
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	-	-	*	*	-	-
Green peppers	-	-	-	-	-	-
Red papers	589	7	*	*	600	7
Swiss chard	-	-	-	-	-	-
Root Crops	*	*	*	*	*	*
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	*	*	*	*
Potatoes	*	*	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	*	*	-	-	-	-
Other Temporary	311	9	-	-	223	6
Fruit Crops	*	*	415	*	256	*
Avocado	-	-	-	-	-	-
Bananas	-	-	*	*	-	-
Guava	-	-	127	*	*	*
Lemons	*	*	*	*	*	*
Mangos	*	*	215	*	*	*
Oranges	-	-	*	*	*	*
Papayas	-	-	*	*	*	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	127	*	276	9	318	8
Chat	127	*	111	*	197	*
Coffee	*	*	*	*	*	*
Hops/'Geshe'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	*	*	*	*
Other Permanent	*	*	-	-	*	*

Table1.4: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Oromia Region

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	6,673,7	3,847,462	5,124,529	4,615,803	592,184	888,583	407,013	398,826
Cereals	4,792,0	3,292,582	4,366,189	2,668,557	351,676	786,003	354,656	321,322
Teff	1,441,0	1,159,377	1,339,801	175,660	27,032	243,752	93,562	70,971
Barley	454,663	301,320	294,080	353,607	33,047	175,307	51,097	41,601
Wheat	898,456	796,719	1,164,170	212,097	16,309	244,811	116,039	113,606
Maize	1,142,6	806,225	1,322,515	2,095,281	170,277	372,640	65,419	69,318
Sorghum	739,782	175,140	198,842	856,065	101,616	129,026	21,381	20,116
Finger millet	89,585	40,443	28,868	33,666	2,839	25,737	2,978	2,257
Oats/'Aja'	20,656	9,703	8,569	21,952	555	23,455	4,142	3,405
Rice	5,190	*	*	*	*	*	*	*
Pulse	610,300	189,785	166,381	1,050,653	50,062	180,215	29,743	30,254
Horse/Faba	204,914	82,555	61,260	323,322	22,590	84,980	12,899	12,396
Field peas	83,157	37,452	25,811	89,985	8,113	32,454	7,005	5,494
White Haricot	36,231	10,195	18,239	258,931	4,401	23,610	*	*
Red Haricot	80,466	27,816	30,932	345,558	8,752	27,110	5,483	*
Chick peas	81,286	3,914	2,530	33,809	2,414	3,359	*	*
Lentils	47,782	18,511	17,413	25,635	789	21,827	1,923	1,141
Vetch/Grass peas	46,453	2,262	*	19,732	1,054	-	-	-
Soya beans	8,802	510	*	5,345	*	*	-	*
Fenugreek	15,497	5,628	5,902	146,199	1,656	15,981	*	802
Mung	5,711	*	*	*	*	*	*	*
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	310,646	38,266	65,300	336,964	14,488	55,843	3,271	4,087
Nueg	178,848	16,181	3,096	14,062	*	3,052	*	*
Linseed	48,646	7,057	5,746	50,105	1,202	16,970	*	*
Ground nuts	41,055	7,484	*	60,447	*	*	*	*
Safflower	188	28	*	7,464	13	*	*	*
Sesame	36,028	4,889	959	58,571	*	*	*	*
Rapeseed	5,880	2,626	17,458	163,687	1,870	4,709	4	*
Vegetables	100,828	73,788	181,942	1,787,796	16,788	111,905	7,956	10,048
Lettuce	19	*	-	12,069	*	-	-	-
Head Cabbage	3,647	3,078	5,071	126,622	896	*	*	*
Ethiopian	9,637	6,361	6,603	1,010,345	5,893	17,576	271	*
Tomatoes	1,703	634	*	53,091	286	*	*	*
Green peppers	5,238	2,500	2,721	610,677	2,047	7,657	*	*
Red papers	80,427	61,092	164,683	402,019	7,546	80,931	7,248	9,113
Swiss chard	158	*	*	38,837	*	*	*	*
Root Crops	81,677	60,241	131,910	1,267,344	13,922	75,192	3,154	5,141
Beet root	1,953	1,129	818	163,572	672	*	*	*
Carrot	1,752	1,319	*	40,014	361	*	*	*
Onion	13,670	11,152	28,012	187,883	1,448	10,214	342	373
Potatoes	35,913	33,558	81,509	96,922	2,468	35,594	2,445	3,047
Yam	*	*	-	20,679	*	-	-	-
Garlic	6,430	5,124	10,716	436,594	2,283	9,498	*	*
Taro/'Godere'	5,553	3,323	910	373,786	3,208	*	*	*
Sweet potatoes	16,319	4,562	9,016	265,341	3,407	19,500	*	1,357
Other Temporary	30,228	15,015	27,860	1,060,232	7,235	20,544	*	*
Fruit Crops	27,804	7,237		912,218	7,033			
Avocado	3,984	1,498		291,282	1,485			
Bananas	14,149	4,382		546,584	4,210			
Guava	2,052	*		76,756	*			
Lemons	122	23		17,773	23			
Mangos	6,111	707		186,524	690			
Oranges	601	176		80,321	175			
Papayas	772	218		146,891	217			
Pineapples	*	*		*	*			
Stimulant	630,000	115,626		1,880,115	76,460			
Chat	162,185	78,647		1,197,644	41,886			
Coffee	464,426	35,380		895,408	32,984			
Hops/'Gesho'	3,389	1,600		304,603	1,591			
Enset	79,842	52,555		1,251,051	52,538			
Sugar Cane	8,143	1,585		196,226	1,205			
Other Permanent	2,302	783		462,288	777			

(Table 1.4: cont'd.)

Oromia Region, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	574,231	116,176	206,627	1,037,264	478,523	1,033,001	1,633,980	1,062,513	1,092,356
Cereals	444,806	82,325	147,843	981,749	438,588	860,683	1,519,133	941,011	914,162
Teff	93,304	33,021	19,386	341,904	201,784	267,479	716,405	344,187	280,705
Barley	24,154	2,025	1,872	89,537	26,594	36,426	370,749	144,652	149,976
Wheat	72,720	8,789	8,105	280,324	111,918	216,282	568,405	305,292	334,897
Maize	246,570	17,538	46,239	554,415	89,326	264,036	451,031	99,665	104,256
Sorghum	189,271	19,723	71,491	181,803	6,271	73,086	79,636	14,471	*
Finger millet	4,211	*	*	*	1,588	2,083	90,912	29,086	21,565
Oats/'Aja'	12,096	*	336	11,134	*	*	25,926	3,515	3,158
Rice	*	*	*	*	*	*	*	*	*
Pulse	53,801	4,655	4,788	130,775	9,041	32,249	362,508	73,993	68,477
Horse/Faba beans	7,511	*	*	28,680	3,564	5,685	214,929	37,187	35,598
Field peas	*	*	217	9,017	1,274	1,937	91,943	17,845	14,149
White Haricot beans	5,556	*	*	35,467	*	9,490	16,431	3,827	*
Red Haricot beans	13,401	*	928	26,438	2,222	9,273	48,773	6,750	8,215
Chick peas	*	*	*	*	*	1,817	*	*	*
Lentils	11,926	*	1,211	14,112	715	1,052	37,326	4,823	3,981
Vetch/Grass peas	*	*	*	-	-	-	*	*	*
Soya beans	*	*	*	*	*	*	*	*	*
Fenugreek	16,187	95	*	22,671	*	1,572	22,618	2,456	1,716
Mung bean/'Masho'	*	*	*	*	*	*	*	*	*
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	71,594	3,418	*	39,356	1,458	*	62,299	13,836	5,887
Nueg	*	*	*	*	*	*	17,365	9,191	1,806
Linseed	9,338	*	316	11,323	*	426	20,548	4,018	2,309
Ground nuts	*	*	*	*	*	*	*	*	*
Safflower	-	-	-	*	-	*	*	*	*
Sesame	*	*	*	*	*	*	*	*	*
Rapeseed	8,260	*	19	7,272	*	*	17,363	319	1,215
Vegetables	95,316	10,932	8,017	69,402	5,530	17,777	104,635	4,714	30,030
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	5,294	*	*	13,269	1,301	*
Ethiopian Cabbage	2,913	*	*	9,370	*	*	20,671	104	867
Tomatoes	*	*	*	*	*	*	*	*	*
Green peppers	8,611	58	*	10,663	*	*	12,179	58	*
Red papers	83,276	10,807	7,537	43,966	5,059	14,870	67,710	3,246	25,902
Swiss chard	*	*	*	-	-	-	*	*	*
Root Crops	56,581	2,009	4,951	84,785	10,018	32,690	178,301	21,685	49,518
Beet root	4,011	*	*	*	*	*	9,026	221	428
Carrot	*	*	*	*	*	*	*	*	*
Onion	11,163	*	*	17,621	*	*	19,937	3,823	7,146
Potatoes	17,420	*	*	36,803	*	*	98,055	15,048	38,032
Yam	-	-	-	-	-	-	-	-	-
Garlic	12,829	*	283	7,194	*	*	35,252	1,434	2,510
Taro/'Godere'	*	*	*	-	-	-	2,495	*	*
Sweet potatoes	18,840	*	*	24,278	*	*	14,978	*	*
Other Temporary	38,597	*	1,537	52,185	*	*	40,842	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1.4: cont'd.)

Oromia Region, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	1,845,623	1,191,054	2,393,718	8,287,604	5,980,116	5,074,617	2,210,391	693,669	320,583
Cereals	1,776,077	1,124,326	2,122,179	7,332,988	4,115,025	4,167,098	2,103,233	676,990	312,562
Teff	720,197	459,791	701,260	2,825,525	1,421,397	778,251	60,717	19,632	7,452
Barley	140,418	43,906	64,206	1,642,731	444,463	862,951	25,661	10,199	16,643
Wheat	523,102	238,372	491,280	2,028,268	832,519	1,828,585	280,443	65,936	125,156
Maize	1,057,981	364,000	838,666	4,315,966	563,751	336,161	1,873,822	578,903	161,964
Sorghum	50,562	11,678	14,639	3,188,283	737,764	285,573	11,754	*	846
Finger millet	19,681	3,462	2,742	513,694	89,430	34,047	*	*	*
Oats/'Aja'	3,158	*	*	172,922	20,656	35,112	-	-	-
Rice	*	*	*	44,932	5,044	*	*	*	*
Pulse	117,262	22,292	30,614	3,653,988	605,320	783,161	37,000	4,980	7,717
Horse/Faba beans	37,294	5,453	6,905	1,399,258	203,844	303,054	6,275	*	*
Field peas	18,569	2,851	4,015	543,652	83,157	104,026	-	-	-
White Haricot	3,281	440	1,274	728,585	35,916	58,943	2,995	*	227
Red Haricot beans	23,202	*	5,884	1,109,369	79,779	79,437	*	*	*
Chick peas	*	*	*	351,396	79,789	104,759	9,120	1,498	3,828
Lentils	31,532	8,027	10,029	320,523	46,518	41,683	*	*	*
Vetch/Grass peas	2,718	*	*	274,487	46,453	70,411	-	-	-
Soya beans	*	*	*	44,085	8,655	6,312	*	*	*
Fenugreek	7,573	491	801	385,024	15,497	10,176	*	-	*
Mung bean/'Masho'	-	-	-	32,766	5,711	4,237	-	-	-
Gibto	-	-	-	*	-	*	-	-	-
Oil Seeds	55,202	1,795	21,910	1,574,088	310,333	124,358	*	*	*
Nueg	3,257	*	*	455,783	178,848	30,316	-	-	-
Linseed	*	*	*	397,856	48,334	34,705	*	*	*
Ground nuts	*	-	*	377,868	41,055	51,264	-	-	-
Safflower	*	*	*	44,060	188	124	-	-	-
Sesame	*	*	*	208,768	36,028	5,886	-	-	-
Rapeseed	38,080	343	15,994	348,790	5,879	2,064	*	*	-
Vegetables	156,490	*	116,071	3,204,429	99,607	-	19,417	*	-
Lettuce	-	-	-	25,473	19	-	-	-	-
Head Cabbage	*	*	*	232,733	2,665	-	12,302	*	-
Ethiopian Cabbage	11,932	*	5,259	1,543,209	9,632	-	*	*	-
Tomatoes	*	*	*	115,565	1,645	-	*	*	-
Green peppers	6,709	*	*	1,023,196	5,238	-	*	*	-
Red papers	136,464	*	107,262	1,164,149	80,252	-	*	*	-
Swiss chard	*	*	*	53,933	158	-	*	*	-
Root Crops	75,954	9,453	39,612	2,608,205	80,928	-	*	749	-
Beet root	*	*	*	274,264	1,888	-	4,231	*	-
Carrot	*	*	*	75,082	1,426	-	*	*	-
Onion	22,457	2,692	12,210	371,180	13,319	-	*	*	-
Potatoes	25,253	5,433	18,773	375,085	35,913	-	-	-	-
Yam	-	-	-	26,173	*	-	-	-	-
Garlic	20,137	889	*	689,346	6,428	-	2,423	*	-
Taro/'Godere'	4,082	*	*	703,242	5,552	-	*	*	-
Sweet potatoes	8,440	169	736	796,740	16,314	-	*	*	-
Other Temporary	22,465	*	5,130	1,836,966	30,221	-	1,417	*	-
Fruit Crops	131,275	4,176	49,506	2,289,222	27,573				
Avocado				689,678	3,943				
Bananas				1,427,234	13,967				
Guava				316,032	2,051				
Lemons				68,966	122				
Mangos				822,391	6,107				
Oranges				257,409	600				
Papayas				377,742	769				
Pineapples				19,164	*				
Stimulant Crops	21,044	1,604	6,529	4,675,109	622,298		74,464	7,702	-
Chat				3,086,962	161,894				
Coffee				2,603,326	457,018		64,005	7,408	-
Hops/'Gesho'				580,859	3,386				
Enset				2,057,935	78,377				
Sugar Cane				501,888	8,143				
Other Permanent				999,979	2,292				

(Table 1.4: Cont'd) Oromia Region, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	3,201,551	2,345,275	719,530	61,861	3,251,330	1,432,133
Cereals	2,935,138	2,178,531	416,450	16,035	3,050,785	1,298,577
Teff	1,796,014	1,012,199	21,596	*	423,004	190,730
Barley	675,986	248,586	17,764	*	259,894	100,993
Wheat	1,365,455	726,519	12,453	839	651,819	357,844
Maize	316,602	114,075	282,603	9,451	2,229,314	602,880
Sorghum	136,332	38,640	169,859	2,663	402,556	31,197
Finger millet	103,707	26,192	*	-	58,166	5,652
Oats/'Aja'	59,422	10,977	-	-	40,673	6,491
Rice	*	*	*	*	*	*
Pulse	364,804	104,524	51,652	625	402,326	50,157
Horse/Faba beans	146,417	28,968	4,413	*	118,320	19,568
Field peas	81,282	15,496	*	*	26,736	5,197
White Haricot beans	6,865	*	19,972	-	58,681	*
Red Haricot beans	25,697	3,814	11,360	*	144,639	14,525
Chick peas	63,342	21,321	4,737	*	24,241	2,001
Lentils	92,431	23,493	*	*	26,911	3,326
Vetch/Grass peas	38,363	7,484	-	-	5,228	*
Soya beans	*	*	-	-	*	*
Fenugreek	16,011	2,645	*	*	43,761	1,303
Mung bean/'Masho'	*	*	*	*	*	*
Gibto	-	-	-	-	-	-
Oil Seeds	58,224	8,645	10,781	*	166,136	9,273
Nueg	6,212	*	-	-	1,534	*
Linseed	38,788	5,361	*	*	36,535	5,145
Ground nuts	*	*	*	-	88,487	2,814
Safflower	*	*	-	-	*	*
Sesame	*	*	-	-	*	*
Rapeseed	4,965	*	*	*	38,359	238
Vegetables	102,055	6,897	74,978	1,511	207,534	16,780
Lettuce	-	-	*	-	*	-
Head Cabbage	10,859	*	5,538	*	10,727	*
Ethiopian Cabbage	22,055	*	17,371	*	62,941	559
Tomatoes	5,197	418	10,340	424	12,595	436
Green peppers	16,350	198	34,229	*	21,389	*
Red papers	57,136	4,887	18,440	*	106,599	14,824
Swiss chard	*	*	*	*	*	*
Root Crops	227,189	31,560	156,379	7,061	220,347	21,281
Beet root	12,915	*	9,673	*	8,979	*
Carrot	13,063	*	*	*	*	*
Onion	47,626	8,120	38,075	3,626	34,470	3,716
Potatoes	93,984	18,736	*	1,080	92,639	15,062
Yam	-	-	-	-	-	-
Garlic	80,807	3,371	26,727	302	33,824	1,194
Taro/'Godere'	*	*	*	*	3,584	*
Sweet potatoes	*	*	79,262	1,751	60,050	368
Other Temporary	16,770	*	65,959	*	143,691	*
Fruit Crops	7,862	44	205,902	1,387	56,817	326
Avocado	*	*	14,282	29	*	*
Bananas	*	*	158,852	1,111	32,834	*
Guava	*	*	17,469	16	-	-
Lemons	*	*	*	*	*	*
Mangos	*	*	32,385	180	9,031	*
Oranges	*	*	15,805	*	2,832	*
Papayas	*	*	32,886	26	7,396	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	199,579	13,082	583,311	31,244	766,678	33,137
Chat	178,233	8,739	502,721	25,608	655,401	23,987
Coffee	18,462	4,206	204,639	5,421	190,989	*
Hops/'Gesho'	9,802	*	21,310	*	8,962	*
Enset	8,349	*	10,507	*		
Sugar Cane	2,573	*	86,016	3,384	*	*
Other Permanent	*	*	32,345	56	16,239	*

Table1.4.1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

West Wellega

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	377,068	133,326	128,446	272,819	43,336	*	2,252	1,681
Cereals	210,531	115,360	117,205	195,041	27,994	*	2,241	1,666
Teff	30,667	27,734	19,829	11,661	1,113	1,394	*	*
Barley	1,454	443	*	10,787	395	-	-	-
Wheat	3,214	2,705	1,073	10,104	1,303	-	-	-
Maize	78,884	59,473	82,073	180,008	18,429	*	*	*
Sorghum	63,816	6,855	1,245	36,585	5,437	*	*	*
Finger millet	32,482	18,149	12,969	9,099	1,317	*	*	*
Oats/'Aja'	*	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	15,302	3,324	1,207	108,255	2,711	-	-	-
Horse/Faba beans	3,342	1,425	332	28,293	1,207	-	-	-
Field peas	1,133	398	*	10,152	*	-	-	-
White Haricot	*	*	*	8,509	*	-	-	-
Red Haricot beans	4,019	601	*	86,515	593	-	-	-
Chick peas	*	*	-	*	*	-	-	-
Lentils	*	*	-	*	*	-	-	-
Vetch/Grass peas	*	*	*	*	186	-	-	-
Soya beans	*	*	*	*	*	-	-	-
Fenugreek	*	*	*	*	24	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	39,408	*	3,928	47,274	*	-	-	-
Nueg	25,052	*	*	*	*	-	-	-
Linseed	558	*	-	*	*	-	-	-
Ground nuts	*	*	-	*	*	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	*	*	*	*	*	-	-	-
Rapeseed	2,023	1,225	3,817	39,000	957	-	-	-
Vegetables	4,971	3,099	*	133,626	2,644	*	*	*
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	42	23	-	7,703	23	-	-	-
Ethiopian Cabbage	236	143	*	25,865	121	*	*	*
Tomatoes	*	8	-	3,561	8	-	-	-
Green peppers	546	300	*	41,796	267	*	*	*
Red papers	4,032	2,626	*	82,363	2,225	-	-	-
Swiss chard	*	-	-	-	-	-	-	-
Root Crops	5,111	1,739	*	76,394	1,280	*	*	*
Beet root	*	*	*	4,960	*	-	-	-
Carrot	10	*	-	3,321	*	-	-	-
Onion	67	58	*	5,344	44	-	-	-
Potatoes	*	*	*	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	*	*	*	9,951	*	*	*	*
Taro/'Godere'	183	48	*	20,153	46	*	*	*
Sweet potatoes	4,617	1,416	*	51,050	1,137	-	-	-
Other Temporary	3,474	2,148	*	132,391	1,844	*	*	*
Fruit Crops	4,417	821		89,570	815			
Avocado	448	104		22,892	104			
Bananas	1,759	468		57,300	463			
Guava	6	*		*	*			
Lemons	12	*		*	*			
Mangos	*	151		29,407	150			
Oranges	241	67		23,022	67			
Papayas	117	25		14,048	25			
Pineapples	-	-		-	-			
Stimulant Crops	93,091	1,923		62,129	1,541			
Chat	2,261	*		28,257	*			
Coffee	90,626	1,547		38,177	*			
Hops/'Gesho'	204	51		10,549	50			
Enset	101	*		*	*			
Sugar Cane	600	*		5,525	*			
Other Permanent	62	19		19,994	19			

(Table 1: cont'd.

West Wellega, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	11,253	1,333	879	37,930	9,272	12,592	104,279	37,530	28,505
Cereals	6,957	1,117	776	37,122	9,135	12,358	98,277	36,130	26,630
Teff	*	*	*	*	*	*	54,155	18,937	11,694
Barley	-	-	-	-	-	-	*	*	*
Wheat	*	*	*	*	*	*	7,966	651	*
Maize	4,671	636	540	36,116	8,632	12,058	21,237	2,076	3,267
Sorghum	*	*	*	*	*	*	8,049	668	415
Finger millet	*	*	*	*	*	*	46,617	13,764	10,699
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	*	*	*	5,490	*	311
Horse/Faba beans	*	*	*	*	*	*	1,902	*	*
Field peas	-	-	-	-	-	-	*	*	*
White Haricot beans	-	-	-	-	-	-	*	*	*
Red Haricot beans	*	*	*	*	*	*	*	*	*
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	*	*	*	-	-	-	*	*	*
Fenugreek	-	-	-	-	-	-	*	*	*
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	*	*	*	4,130	*	*
Nueg	-	-	-	-	-	-	*	*	*
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	*	*	*
Rapeseed	-	-	-	*	*	*	*	41	*
Vegetables	3,550	*	*	*	*	*	5,294	27	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	*	*	*	*	*	*
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	*	*	*	-	-	-	*	*	*
Red papers	*	*	*	*	*	*	1,524	*	*
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	*	*	*	*	*	*
Beet root	-	-	-	-	-	-	*	*	*
Carrot	-	-	-	-	-	-	-	-	-
Onion	*	*	*	-	-	-	*	*	*
Potatoes	-	-	-	-	-	-	*	*	*
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	*	*	*
Taro/'Godere'	-	-	-	-	-	-	*	*	*
Sweet potatoes	*	*	*	*	*	*	*	*	*
Other Temporary	*	*	*	*	*	*	12,228	*	535
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1.4.1: cont'd.)

West Wellega, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	138,768	39,602	84,788	390,616	340,400	87,176	170,928	36,668	8,312
Cereals	137,461	38,743	75,776	358,115	174,157	65,744	170,154	36,373	8,265
Teff	13,983	*	*	93,039	30,667	16,669	-	-	-
Barley	*	*	*	26,763	1,418	1,071	*	*	*
Wheat	*	*	*	25,878	3,045	1,581	*	*	*
Maize	131,768	28,375	65,142	298,321	42,756	16,008	168,479	36,129	8,099
Sorghum	4,154	*	*	235,605	63,810	17,046	*	*	*
Finger millet	8,145	2,240	1,755	141,744	32,449	13,361	*	*	*
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	4,169	*	843	213,940	15,191	13,240	*	*	*
Horse/Faba beans	*	*	*	60,561	3,342	3,198	-	-	-
Field peas	-	-	-	22,389	1,133	555	-	-	-
White Haricot	*	*	*	46,425	*	2,594	*	*	*
Red Haricot beans	1,619	2	*	176,986	4,019	5,529	-	-	-
Chick peas	-	-	-	*	*	*	-	-	-
Lentils	-	-	-	*	*	*	-	-	-
Vetch/Grass peas	*	*	*	*	*	*	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	-	-	-	9,717	*	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	10,004	231	3,489	191,086	39,408	8,192	-	-	-
Nueg	*	*	*	100,420	25,052	4,288	-	-	-
Linseed	-	-	-	23,708	558	*	-	-	-
Ground nuts	-	-	-	29,800	*	*	-	-	-
Safflower	-	-	-	*	-	*	-	-	-
Sesame	-	-	-	*	*	*	-	-	-
Rapeseed	9,562	197	3,433	67,113	2,023	174	-	-	-
Vegetables	*	*	*	218,950	4,971	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	14,164	42	-	-	-	-
Ethiopian Cabbage	*	*	*	49,863	236	-	-	-	-
Tomatoes	-	-	-	*	*	-	-	-	-
Green peppers	*	*	*	75,220	546	-	-	-	-
Red papers	*	*	*	138,201	4,032	-	-	-	-
Swiss chard	-	-	-	*	*	-	-	-	-
Root Crops	*	*	*	198,771	5,107	-	*	*	-
Beet root	-	-	-	7,969	*	-	-	-	-
Carrot	-	-	-	5,922	10	-	-	-	-
Onion	-	-	-	7,584	67	-	-	-	-
Potatoes	*	*	*	*	*	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	19,098	*	-	-	-	-
Taro/'Godere'	-	-	-	53,700	183	-	-	-	-
Sweet potatoes	*	*	*	163,155	4,612	-	*	*	-
Other Temporary	*	*	*	220,287	3,474	-	-	-	-
Fruit Crops	*	*	*	258,456	4,417	-	-	-	-
Avocado	-	-	-	81,021	448	-	-	-	-
Bananas	-	-	-	187,866	1,759	-	-	-	-
Guava	-	-	-	5,622	6	-	-	-	-
Lemons	-	-	-	6,534	12	-	-	-	-
Mangos	-	-	-	110,977	*	-	-	-	-
Oranges	-	-	-	71,130	241	-	-	-	-
Papayas	-	-	-	36,289	117	-	-	-	-
Pineapples	-	-	-	-	-	-	-	-	-
Stimulant Crops	-	-	-	305,423	92,912	-	*	*	-
Chat	-	-	-	94,649	2,261	-	-	-	-
Coffee	-	-	-	281,931	90,446	-	*	*	-
Hops/'Gesho'	-	-	-	37,958	204	-	-	-	-
Enset	-	-	-	29,430	101	-	-	-	-
Sugar Cane	-	-	-	21,515	600	-	-	-	-
Other Permanent	-	-	-	46,422	62	-	-	-	-

(Table 1: Cont'd) West Wellega, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	95,549	31,892	7,579	258	194,268	47,998
Cereals	93,643	28,836	-	-	179,377	45,561
Teff	26,134	8,855	-	-	11,221	*
Barley	*	*	-	-	*	*
Wheat	10,307	1,415	-	-	3,366	*
Maize	43,129	5,591	-	-	171,350	36,212
Sorghum	26,053	7,974	-	-	8,459	*
Finger millet	24,318	4,932	-	-	*	*
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	*	*	-	-	6,253	240
Horse/Faba beans	-	-	-	-	1,818	*
Field peas	*	*	-	-	*	*
White Haricot beans	-	-	-	-	*	*
Red Haricot beans	*	*	-	-	3,068	*
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	*	*	-	-	*	*
Soya beans	-	-	-	-	*	*
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	*	*	-	-	24,355	*
Nueg	*	*	-	-	-	-
Linseed	*	-	-	-	-	-
Ground nuts	-	-	-	-	*	*
Safflower	-	-	-	-	-	-
Sesame	*	*	-	-	*	*
Rapeseed	*	*	-	-	8,675	149
Vegetables	*	*	*	*	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	*	*
Tomatoes	-	-	*	*	-	-
Green peppers	*	*	*	*	*	*
Red papers	*	*	*	*	*	*
Swiss chard	-	-	-	-	-	-
Root Crops	*	*	*	*	8,179	*
Beet root	*	*	*	*	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	*	*	*	*
Potatoes	-	-	-	-	*	*
Yam	-	-	-	-	-	-
Garlic	-	-	*	*	*	*
Taro/'Godere'	*	*	-	-	*	*
Sweet potatoes	-	-	-	-	*	*
Other Temporary	*	*	*	*	13,643	*
Fruit Crops	*	*	*	*	2,399	*
Avocado	-	-	*	*	-	-
Bananas	-	-	*	*	*	3
Guava	-	-	-	-	-	-
Lemons	*	*	-	-	-	-
Mangos	-	-	*	*	*	*
Oranges	*	*	-	-	*	*
Papayas	-	-	-	-	*	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	3,716	*	*	*	5,285	*
Chat	-	-	*	*	1,851	4
Coffee	3,716	*	*	*	3,822	*
Hops/'Gesho'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	*	*	*	*	*	*
Other Permanent	-	-	-	-	-	-

Table1.4.2: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

East Wellega

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	397,774	209,371	283,469	178,497	26,137	12,150	*	*
Cereals	288,005	194,819	269,636	134,373	20,137	12,150	*	*
Teff	77,455	61,600	40,779	3,354	410	*	*	*
Barley	6,341	1,640	*	17,517	1,305	*	*	*
Wheat	9,976	*	*	10,844	686	*	*	*
Maize	135,192	110,020	212,629	125,660	17,306	*	*	*
Sorghum	36,605	765	*	6,884	346	*	*	*
Finger millet	21,588	14,931	10,251	*	*	*	*	*
Oats/'Aja'	*	*	*	*	*	-	-	-
Rice	*	-	-	-	-	-	-	-
Pulse	18,140	3,282	*	41,286	1,992	-	-	-
Horse/Faba beans	5,672	1,704	307	17,345	1,260	-	-	-
Field peas	2,969	*	*	1,797	*	-	-	-
White Haricot	*	*	-	5,481	*	-	-	-
Red Haricot beans	*	48	*	11,414	45	-	-	-
Chick peas	1,879	*	-	*	*	-	-	-
Lentils	*	*	*	*	*	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	*	-	-	*	-	-	-	-
Fenugreek	230	*	-	9,025	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	64,040	3,505	*	21,529	*	*	*	*
Nueg	47,898	1,750	*	2,900	*	-	-	-
Linseed	*	*	*	*	*	*	*	*
Ground nuts	8,353	*	-	*	*	-	-	-
Safflower	-	-	-	*	-	-	-	-
Sesame	7,157	*	*	*	-	*	*	*
Rapeseed	*	49	*	17,698	44	-	-	-
Vegetables	6,637	5,388	8,943	89,885	1,489	-	-	-
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	8,496	*	-	-	-
Ethiopian Cabbage	*	41	*	9,844	38	-	-	-
Tomatoes	*	*	*	*	*	-	-	-
Green peppers	382	269	*	40,911	257	-	-	-
Red papers	5,740	4,737	6,919	46,896	1,139	-	-	-
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	2,197	871	*	52,790	395	-	-	-
Beet root	*	*	-	12,798	*	-	-	-
Carrot	*	*	-	2,146	*	-	-	-
Onion	*	*	*	10,837	*	-	-	-
Potatoes	*	*	*	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	125	111	*	25,946	96	-	-	-
Taro/'Godere'	80	*	-	6,694	*	-	-	-
Sweet potatoes	1,249	136	*	11,281	104	-	-	-
Other Temporary	1,034	746	*	53,815	638	-	-	-
Fruit Crops	1,411	265		37,916	262			
Avocado	20	8		3,669	8			
Bananas	690	187		30,612	186			
Guava	*	-		-	-			
Lemons	*	*		*	*			
Mangos	679	66		8,002	63			
Oranges	3	*		*	*			
Papayas	13	*		*	*			
Pineapples	-	-		-	-			
Stimulant Crops	15,777	445		30,568	445			
Chat	1,766	62		5,807	62			
Coffee	13,766	*		18,924	*			
Hops/'Gesho'	246	55		14,009	55			
Enset	*	*		*	*			
Sugar Cane	476	*		*	*			
Other Permanent	42	19		15,970	18			

(Table 1: cont'd.)

East Wellega, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	21,533	4,389	2,614	*	*	*	83,035	66,143	44,686
Cereals	8,567	1,903	*	*	*	*	76,738	63,253	42,630
Teff	*	*	*	*	*	*	63,641	43,475	27,991
Barley	-	-	-	-	-	-	*	*	*
Wheat	*	*	*	*	*	*	5,283	669	423
Maize	6,328	*	*	*	*	*	14,348	*	*
Sorghum	-	-	-	-	-	-	*	*	*
Finger millet	*	*	*	*	*	*	26,163	13,452	9,221
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	-	-	-	*	*	*
Horse/Faba beans	*	*	*	-	-	-	3,620	336	232
Field peas	-	-	-	-	-	-	*	*	*
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	*	*	*	-	-	-	*	*	*
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	*	*	*
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	-	-	-	4,117	*	*
Nueg	-	-	-	-	-	-	*	*	*
Linseed	*	*	*	-	-	-	*	*	*
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	*	*	*	-	-	-	-	-	-
Rapeseed	*	*	*	-	-	-	*	*	*
Vegetables	*	*	*	*	*	*	4,842	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	*	*	*	-	-	-	*	*	*
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	*	*	*	-	-	-	*	*	*
Red papers	*	*	*	*	*	*	3,381	*	*
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	-	-	-	*	*	*
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	*	*	*
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	*	-	-	-	*	*	*
Other Temporary	*	*	*	-	-	-	*	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

East Wellega, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	139,803	98,381	216,818	280,980	304,890	111,673	140,844	92,884	21,846
Cereals	136,943	95,321	206,159	258,754	195,445	83,090	139,321	92,560	21,590
Teff	29,148	11,453	8,257	135,163	77,455	31,679	-	-	-
Barley	*	*	*	46,728	6,341	11,085	-	-	-
Wheat	10,369	*	*	44,994	9,976	*	-	-	-
Maize	125,832	78,526	192,111	208,382	42,863	14,057	139,008	92,329	21,565
Sorghum	*	*	*	96,874	36,374	5,523	*	*	*
Finger millet	4,951	591	492	74,385	21,588	5,969	-	-	-
Oats/'Aja'	*	*	*	*	*	*	-	-	-
Rice	-	-	-	*	*	*	-	-	-
Pulse	2,132	*	*	110,715	18,140	13,963	-	-	-
Horse/Faba beans	*	*	*	52,040	5,672	5,307	-	-	-
Field peas	*	*	*	21,214	2,969	2,266	-	-	-
White Haricot	-	-	-	10,983	*	*	-	-	-
Red Haricot beans	*	*	*	36,314	*	*	-	-	-
Chick peas	-	-	-	13,773	1,879	801	-	-	-
Lentils	*	*	*	*	*	*	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	-	-	-	14,031	230	120	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	2,417	*	*	158,362	63,765	14,620	*	*	*
Nueg	-	-	-	98,953	47,898	5,897	-	-	-
Linseed	*	*	*	4,329	*	*	*	*	*
Ground nuts	-	-	-	37,973	8,353	7,137	-	-	-
Safflower	-	-	-	*	-	*	-	-	-
Sesame	*	*	*	29,456	7,157	1,098	-	-	-
Rapeseed	1,737	3	*	33,865	*	*	-	-	-
Vegetables	22,686	2,290	*	165,871	6,637	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	12,989	*	-	-	-	-
Ethiopian Cabbage	*	*	*	13,883	*	-	-	-	-
Tomatoes	*	*	*	*	*	-	-	-	-
Green peppers	*	*	*	62,853	382	-	-	-	-
Red papers	22,019	2,001	5,716	103,910	5,740	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	3,644	*	*	106,888	2,196	-	*	*	-
Beet root	-	-	-	19,269	*	-	*	*	-
Carrot	-	-	-	3,522	*	-	-	-	-
Onion	*	*	*	18,489	*	-	*	*	-
Potatoes	*	*	*	11,286	*	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	33,508	125	-	-	-	-
Taro/'Godere'	-	-	-	16,047	80	-	-	-	-
Sweet potatoes	*	*	*	44,327	1,249	-	-	-	-
Other Temporary	*	*	*	90,557	1,034	-	-	-	-
Fruit Crops	*	*	*	113,002	1,411				
Avocado				7,874	20				
Bananas				81,405	690				
Guava				*	*				
Lemons				3,488	*				
Mangos				48,098	679				
Oranges				4,066	3				
Papayas				9,752	13				
Pineapples				-	-				
Stimulant Crops	-	-	-	133,659	15,729		*	*	-
Chat				40,658	1,766				
Coffee				102,706	13,717		*	*	-
Hops/'Gesho'				47,633	246				
Enset				*	*				
Sugar Cane				8,595	476				
Other Permanent				30,736	42				

(Table 1: Cont'd) East Wellega, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	129,943	109,978	6,983	972	153,149	100,519
Cereals	126,242	106,956	*	*	150,123	98,224
Teff	86,788	53,573	-	-	4,835	2,045
Barley	2,650	*	-	-	*	*
Wheat	20,234	*	-	-	*	*
Maize	29,345	28,891	*	*	146,795	95,541
Sorghum	13,362	6,178	-	-	*	*
Finger millet	34,500	11,689	-	-	*	*
Oats/'Aja'	*	*	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	*	*	-	-	5,256	*
Horse/Faba beans	*	*	-	-	*	*
Field peas	-	-	-	-	*	*
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	*	*
Chick peas	*	*	-	-	*	*
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	*	*
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	6,230	2,264	-	-	1,988	*
Nueg	*	*	-	-	*	*
Linseed	*	*	-	-	*	*
Ground nuts	*	*	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	*	*	-	-	-	-
Rapeseed	-	-	-	-	*	*
Vegetables	*	*	*	*	4,324	*
Lettuce	-	-	-	-	-	-
Head Cabbage	*	*	*	*	*	*
Ethiopian Cabbage	-	-	-	-	*	*
Tomatoes	*	*	*	*	*	*
Green peppers	-	-	-	-	*	*
Red papers	*	*	-	-	*	*
Swiss chard	-	-	-	-	-	-
Root Crops	*	*	*	*	*	*
Beet root	-	-	*	*	*	*
Carrot	-	-	*	*	*	*
Onion	*	*	*	*	*	*
Potatoes	-	-	*	*	*	*
Yam	-	-	-	-	-	-
Garlic	*	*	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	-	-	*	*	*	*
Fruit Crops	-	-	*	*	*	*
Avocado	-	-	*	*	*	*
Bananas	-	-	*	*	*	*
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	-	-	-	-	*	*
Oranges	-	-	-	-	-	-
Papayas	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	*	*	*	*
Chat	*	*	-	-	*	*
Coffee	-	-	*	*	*	*
Hops/'Gesho'	-	-	*	*	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	*	*	-	-
Other Permanent	*	*	-	-	-	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Illubabore

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	402,421	147,883	157,643	238,081	34,038	15,690	3,880	3,089
Cereals	248,859	133,647	144,558	149,297	25,854	13,146	3,819	*
Teff	76,182	49,398	33,515	11,080	*	*	*	*
Barley	7,102	1,864	*	12,935	1,842	-	-	-
Wheat	6,627	5,073	5,098	4,075	*	*	*	*
Maize	108,914	71,347	96,619	135,410	18,416	*	*	*
Sorghum	41,595	2,292	*	14,861	2,214	-	-	-
Finger millet	5,036	525	*	4,900	428	-	-	-
Oats/'Aja'	*	*	-	*	*	-	-	-
Rice	*	*	*	-	-	*	*	*
Pulse	17,046	2,556	*	99,170	2,226	*	*	*
Horse/Faba beans	4,821	1,395	*	15,528	1,177	-	-	-
Field peas	5,701	*	-	6,430	*	-	-	-
White Haricot	1,408	197	*	24,393	197	-	-	-
Red Haricot beans	2,386	318	*	57,395	316	-	-	-
Chick peas	*	*	-	*	*	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	*	-	-	-	-
Soya beans	2,278	*	*	*	*	-	-	-
Fenugreek	*	*	*	7,227	*	*	*	*
Mung bean/'Masho"	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	16,192	*	*	13,531	165	-	-	-
Nueg	9,639	-	-	*	-	-	-	-
Linseed	*	*	*	-	-	-	-	-
Ground nuts	*	*	-	2,764	*	-	-	-
Safflower	*	-	*	*	-	-	-	-
Sesame	*	-	-	-	-	-	-	-
Rapeseed	182	127	*	9,824	111	-	-	-
Vegetables	9,821	*	*	132,579	1,195	*	*	*
Lettuce	*	*	-	*	*	-	-	-
Head Cabbage	127	23	*	19,778	22	-	-	-
Ethiopian Cabbage	338	161	*	61,019	159	*	*	*
Tomatoes	*	*	-	4,160	*	-	-	-
Green peppers	216	123	*	53,550	122	-	-	-
Red papers	9,088	*	*	46,348	866	*	*	*
Swiss chard	*	*	-	*	*	-	-	-
Root Crops	2,122	430	*	78,431	427	*	*	*
Beet root	70	*	*	16,268	*	*	*	*
Carrot	*	*	-	4,478	*	-	-	-
Onion	60	24	*	9,255	23	-	-	-
Potatoes	*	*	-	*	*	-	-	-
Yam	*	*	-	*	*	-	-	-
Garlic	26	16	-	14,182	16	-	-	-
Taro/'Godere'	401	195	*	49,197	194	-	-	-
Sweet potatoes	1,495	157	-	9,895	157	-	-	-
Other Temporary	*	*	*	51,443	256	*	*	*
Fruit Crops	2,719	248		72,922	245			
Avocado	275	39		29,728	39			
Bananas	1,603	150		43,443	150			
Guava	*	*		*	*			
Lemons	*	*		*	*			
Mangos	585	22		14,937	20			
Oranges	23	7		6,924	7			
Papayas	170	24		15,566	24			
Pineapples	*	-		*	-			
Stimulant Crops	100,620	2,885		85,890	2,832			
Chat	7,887	1,542		57,263	1,490			
Coffee	92,704	1,337		52,974	1,336			
Hops/'Gesho'	29	*		4,313	*			
Enset	2,356	704		91,741	703			
Sugar Cane	631	105		16,119	105			
Other Permanent	*	29		41,467	29			

(Table 1: cont'd.)

Illubabore, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	28,975	6,686	4,256	26,672	6,413	11,243	89,426	46,049	37,174
Cereals	11,946	3,031	2,084	22,393	5,555	10,164	87,846	45,700	36,043
Teff	*	*	*	*	*	*	59,933	34,747	24,348
Barley	-	-	-	*	*	*	-	-	-
Wheat	*	*	*	-	-	-	10,218	2,702	*
Maize	6,986	1,228	978	21,215	3,950	8,870	30,128	8,007	8,854
Sorghum	-	-	-	-	-	-	*	*	*
Finger millet	-	-	-	-	-	-	*	*	*
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	*	*	*	*	*	*	*	*	*
Pulse	*	*	*	*	*	*	*	*	*
Horse/Faba beans	-	-	-	-	-	-	*	*	*
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	*	*	*	-	-	-
Red Haricot beans	*	*	*	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	*	*	*	*	*	*
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	*	*	*	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	*	*	*	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	*	-	*	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	*	*	*	*	*	*
Vegetables	*	*	*	*	*	*	*	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	*	*	-	-	-
Ethiopian Cabbage	*	*	*	*	*	*	*	*	*
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	*	*	*	-	-	-
Red papers	*	*	*	*	*	*	*	*	*
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	*	*	*	*	*	*
Beet root	-	-	-	*	*	*	*	*	*
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	*	*	*	*	*	*
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	*	*	*
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	*	*	*	*	*	*	*	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Illubabore, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	144,355	50,817	101,880	416,758	351,651	116,142	170,053	50,770	12,452
Cereals	143,814	49,688	93,229	375,867	202,549	90,490	160,986	46,310	12,339
Teff	12,644	5,483	4,315	169,573	76,020	34,303	*	*	*
Barley	-	-	-	43,119	7,102	5,665	-	-	-
Wheat	7,497	1,848	2,240	31,945	6,283	5,222	1,638	*	*
Maize	131,201	39,457	77,638	273,694	63,256	26,054	157,675	45,658	11,773
Sorghum	-	-	-	176,052	41,595	11,779	-	-	-
Finger millet	*	*	*	49,280	5,036	1,860	-	-	-
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	*	*	*	29,488	*	*	*	*	*
Pulse	*	*	*	226,847	16,926	17,361	*	*	*
Horse/Faba beans	*	*	*	50,775	4,701	3,513	*	*	*
Field peas	-	-	-	35,534	5,701	4,109	-	-	-
White Haricot	-	-	-	56,124	1,408	*	-	-	-
Red Haricot beans	*	*	*	126,695	2,386	1,477	-	-	-
Chick peas	-	-	-	*	*	*	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	*	-	-	-	-	-
Soya beans	-	-	-	18,812	2,278	*	-	-	-
Fenugreek	-	-	-	14,300	*	52	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	84,641	16,192	*	-	-	-
Nueg	-	-	-	36,371	9,639	3,797	-	-	-
Linseed	-	-	-	6,240	*	*	-	-	-
Ground nuts	-	-	-	26,239	*	*	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	*	*	*	-	-	-
Rapeseed	*	*	*	18,429	182	*	-	-	-
Vegetables	*	*	*	234,964	9,819	-	*	*	-
Lettuce	-	-	-	*	*	-	-	-	-
Head Cabbage	-	-	-	39,015	125	-	*	*	-
Ethiopian Cabbage	*	*	*	107,786	338	-	-	-	-
Tomatoes	-	-	-	9,363	*	-	-	-	-
Green peppers	-	-	-	78,745	216	-	-	-	-
Red papers	*	*	*	106,797	9,088	-	-	-	-
Swiss chard	-	-	-	*	*	-	-	-	-
Root Crops	*	*	*	182,266	2,119	-	*	*	-
Beet root	-	-	-	33,363	69	-	*	*	-
Carrot	-	-	-	9,396	*	-	-	-	-
Onion	-	-	-	24,397	59	-	*	*	-
Potatoes	-	-	-	2,671	*	-	-	-	-
Yam	-	-	-	*	*	-	-	-	-
Garlic	-	-	-	24,643	25	-	*	*	-
Taro/'Godere'	*	*	*	107,010	401	-	-	-	-
Sweet potatoes	-	-	-	47,436	1,495	-	-	-	-
Other Temporary	*	*	*	107,641	*	-	-	-	-
Fruit Crops	*	*	1,745	217,493	2,714				
Avocado				81,684	270				
Bananas				151,758	1,603				
Guava				11,983	*				
Lemons				5,668	*				
Mangos				86,487	585				
Oranges				20,208	23				
Papayas				53,051	170				
Pineapples				*	*				
Stimulant Crops	1,644	32	247	333,090	96,293		12,478	4,327	-
Chat				184,399	7,887				
Coffee				283,653	88,377		12,478	4,327	-
Hops/'Gesho'				20,436	29				
Enset				214,157	2,356				
Sugar Cane				43,940	631				
Other Permanent				83,566	*				

(Table 1: Cont'd) Illubabore, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	98,980	51,602	6,915	*	217,935	71,538
Cereals	94,023	50,641	*	*	204,391	64,972
Teff	86,420	46,120	-	-	22,080	*
Barley	*	*	-	-	*	*
Wheat	12,876	2,949	-	-	16,800	3,674
Maize	*	*	*	*	175,420	49,827
Sorghum	*	*	-	-	*	*
Finger millet	*	*	-	-	*	*
Oats/'Aja'	-	-	-	-	-	-
Rice	*	*	-	-	*	*
Pulse	*	*	-	-	5,577	*
Horse/Faba beans	*	*	-	-	*	*
Field peas	-	-	-	-	-	-
White Haricot beans	-	-	-	-	*	*
Red Haricot beans	-	-	-	-	*	*
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	*	*	-	-	*	*
Nueg	-	-	-	-	*	*
Linseed	-	-	-	-	*	*
Ground nuts	-	-	-	-	*	*
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	*	*	-	-	*	*
Vegetables	*	*	2,309	*	15,697	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	*	*	*	*
Ethiopian Cabbage	-	-	-	-	2,877	2
Tomatoes	-	-	-	-	-	-
Green peppers	-	-	*	*	*	*
Red papers	*	*	*	*	*	*
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	*	*	2,441	*
Beet root	-	-	*	*	*	*
Carrot	-	-	-	-	-	-
Onion	-	-	*	*	*	*
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	*	*
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	*	*
Other Temporary	-	-	-	-	*	*
Fruit Crops	*	*	*	*	4,810	*
Avocado	-	-	-	-	*	*
Bananas	-	-	*	*	*	*
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	*	*	*	*	*	*
Oranges	-	-	-	-	-	-
Papayas	-	-	-	-	*	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	*	*	14,058	957
Chat	*	*	*	*	5,318	2
Coffee	*	*	*	*	8,361	955
Hops/'Gesho'	-	-	*	*	*	*
Enset	*	*	*	*		
Sugar Cane	-	-	-	-	-	-
Other Permanent	-	-	-	-	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Jimma

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	705,124	360,870	482,508	555,893	58,469	102,836	46,068	28,023
Cereals	453,040	314,472	380,558	168,032	27,702	101,010	41,738	25,040
Teff	176,320	132,840	124,534	37,739	*	74,217	20,164	11,169
Barley	21,852	9,758	5,632	37,302	*	*	*	*
Wheat	34,096	21,368	17,541	*	*	*	*	*
Maize	165,823	139,347	227,502	126,691	14,062	28,304	*	3,527
Sorghum	50,155	9,553	3,886	22,501	*	*	*	*
Finger millet	3,581	1,537	1,419	*	*	*	*	*
Oats/'Aja'	1,213	*	*	*	-	*	*	*
Rice	-	-	-	-	-	-	-	-
Pulse	35,919	12,866	7,643	134,192	4,823	*	*	*
Horse/Faba beans	20,704	6,355	4,960	43,936	1,709	*	*	*
Field peas	9,995	5,765	*	*	*	*	*	*
White Haricot	614	*	-	61,370	*	-	-	-
Red Haricot beans	862	85	*	23,715	84	-	-	-
Chick peas	*	-	-	-	-	-	-	-
Lentils	*	*	*	*	*	*	*	*
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	*	*	-	*	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	25,718	1,823	1,329	18,112	*	*	*	*
Nueg	15,738	*	*	-	-	-	-	-
Linseed	4,607	*	607	10,277	*	*	*	*
Ground nuts	*	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	227	*	*	7,835	*	-	-	-
Vegetables	9,092	6,515	64,583	373,918	1,925	*	*	*
Lettuce	*	*	-	*	*	-	-	-
Head Cabbage	210	140	*	27,889	106	-	-	-
Ethiopian Cabbage	1,728	1,250	*	313,742	1,225	*	*	*
Tomatoes	131	*	*	9,856	*	-	-	-
Green peppers	596	374	*	130,930	298	-	-	-
Red papers	6,423	4,665	61,833	40,054	213	*	*	*
Swiss chard	-	-	-	*	-	-	-	-
Root Crops	5,507	3,485	*	305,788	3,019	*	*	*
Beet root	*	*	-	18,118	*	-	-	-
Carrot	*	*	-	*	*	-	-	-
Onion	*	*	*	7,399	*	-	-	-
Potatoes	*	*	*	14,449	*	*	*	*
Yam	*	*	-	*	*	-	-	-
Garlic	*	*	*	24,472	*	-	-	-
Taro/'Godere'	4,299	2,689	*	266,761	2,577	-	-	-
Sweet potatoes	*	*	*	20,560	55	-	-	-
Other Temporary	1,148	480	*	91,677	476	-	-	-
Fruit Crops	9,554	2,714		242,324	2,685			
Avocado	2,215	988		163,835	976			
Bananas	4,651	1,448		135,908	1,436			
Guava	*	26		24,922	25			
Lemons	11	*		*	*			
Mangos	1,053	160		56,902	157			
Oranges	137	52		21,161	52			
Papayas	121	33		34,068	33			
Pineapples	*	*		*	*			
Stimulant Crops	149,253	8,379		339,887	7,369			
Chat	*	3,256		241,478	3,220			
Coffee	130,678	5,070		243,761	4,096			
Hops/'Gesho'	110	*		12,796	*			
Enset	14,301	9,617		415,925	9,610			
Sugar Cane	1,284	390		103,605	385			
Other Permanent	308	130		105,262	129			

(Table 1: cont'd.)

Jimma, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	11,954	*	*	34,690	11,635	15,157	276,803	111,494	138,362
Cereals	10,057	*	*	34,690	11,632	15,148	269,056	103,350	102,840
Teff	*	*	*	13,454	3,698	3,195	209,331	66,991	66,965
Barley	*	*	*	*	*	*	*	*	*
Wheat	-	-	-	*	*	*	37,805	*	*
Maize	*	*	*	25,917	6,838	10,717	87,639	19,504	22,246
Sorghum	-	-	-	*	*	*	14,646	*	*
Finger millet	-	-	-	-	-	-	7,721	*	*
Oats/'Aja'	-	-	-	-	-	-	*	*	*
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	*	*	*
Horse/Faba beans	-	-	-	-	-	-	*	*	*
Field peas	-	-	-	-	-	-	*	*	*
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	*	*	*
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	*	*	*
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	-	-	-	12,024	*	581
Nueg	-	-	-	-	-	-	*	*	*
Linseed	-	-	-	-	-	-	8,084	*	*
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	*	*	*	-	-	-	*	*	*
Vegetables	*	*	*	*	*	*	44,857	1,960	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	*	*	*
Ethiopian Cabbage	-	-	-	*	*	*	6,022	*	*
Tomatoes	-	-	-	-	-	-	*	*	*
Green peppers	*	*	*	-	-	-	*	*	*
Red papers	*	*	*	-	-	-	39,476	1,899	*
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	-	-	-	*	*	*
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	*	*	*
Potatoes	-	-	-	-	-	-	*	*	*
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	*	*	*
Taro/'Godere'	*	*	*	-	-	-	*	*	*
Sweet potatoes	-	-	-	-	-	-	*	*	*
Other Temporary	-	-	-	-	-	-	*	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Jimma, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	307,893	131,966	300,145	848,758	601,640	250,100	299,233	103,484	26,165
Cereals	300,224	128,843	236,728	707,629	350,232	208,490	292,388	102,808	26,165
Teff	95,131	*	42,718	546,199	176,180	100,310	*	*	*
Barley	-	-	-	172,446	21,852	28,057	-	-	-
Wheat	7,224	2,134	*	148,449	33,564	38,337	*	*	*
Maize	251,899	92,505	190,716	301,914	63,741	28,392	290,638	102,081	25,653
Sorghum	4,799	*	*	208,709	50,100	10,280	*	*	*
Finger millet	-	-	-	26,777	3,581	1,726	-	-	-
Oats/'Aja'	-	-	-	22,076	1,213	1,387	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	399,344	35,919	32,590	-	-	-
Horse/Faba beans	*	*	*	173,500	20,704	21,661	-	-	-
Field peas	*	-	*	67,893	9,995	7,203	-	-	-
White Haricot	-	-	-	136,628	614	*	-	-	-
Red Haricot beans	*	*	*	99,100	862	*	-	-	-
Chick peas	-	-	-	*	*	*	-	-	-
Lentils	-	-	-	26,142	*	*	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	12,221	*	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibbo	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	159,114	25,718	9,020	-	-	-
Nueg	*	*	*	49,170	15,738	2,388	-	-	-
Linseed	*	*	*	89,420	4,607	1,201	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	*	-	*	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	*	*	*	23,540	227	25	-	-	-
Vegetables	*	*	*	634,699	9,090	-	*	*	-
Lettuce	-	-	-	*	*	-	-	-	-
Head Cabbage	-	-	-	68,151	209	-	*	*	-
Ethiopian Cabbage	*	*	*	488,744	1,728	-	-	-	-
Tomatoes	-	-	-	26,014	130	-	*	*	-
Green peppers	*	*	*	242,396	596	-	-	-	-
Red papers	*	*	*	174,038	6,423	-	-	-	-
Swiss chard	-	-	-	*	-	-	-	-	-
Root Crops	2,982	*	*	519,493	5,506	-	*	*	-
Beet root	-	-	-	48,012	*	-	-	-	-
Carrot	-	-	-	*	*	-	-	-	-
Onion	-	-	-	19,193	*	-	-	-	-
Potatoes	-	-	-	26,413	*	-	-	-	-
Yam	-	-	-	*	*	-	-	-	-
Garlic	-	-	-	44,117	*	-	*	*	-
Taro/'Godere'	2,982	*	*	451,385	4,298	-	*	*	-
Sweet potatoes	-	-	-	43,558	*	-	-	-	-
Other Temporary	*	*	*	186,408	1,148	-	-	-	-
Fruit Crops	25,461	*	*	533,088	9,538				
Avocado				334,623	2,198				
Bananas				371,766	4,651				
Guava				70,765	*				
Lemons				8,243	11				
Mangos				210,314	1,053				
Oranges				73,059	137				
Papayas				102,867	121				
Pineapples				*	*				
Stimulant Crops	3,627	178	675	749,113	148,625		*	*	-
Chat				551,758	*				
Coffee				641,063	130,051		*	*	-
Hops/'Gesho'				31,571	110				
Enset				708,411	14,275				
Sugar Cane				237,125	1,284				
Other Permanent				216,852	307				

(Table 1: Cont'd) Jimma, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	443,267	168,743	8,842	*	375,271	149,548
Cereals	425,009	165,103	*	*	362,937	142,418
Teff	379,296	122,073	*	*	62,574	16,939
Barley	59,258	7,981	-	-	*	*
Wheat	82,763	19,182	-	-	28,677	9,455
Maize	34,056	9,484	-	-	308,030	111,592
Sorghum	18,945	4,633	-	-	4,953	1,285
Finger millet	*	*	-	-	*	*
Oats/'Aja'	*	*	-	-	*	*
Rice	-	-	-	-	-	-
Pulse	*	*	-	-	*	*
Horse/Faba beans	*	*	-	-	*	*
Field peas	*	*	-	-	*	*
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	*	*
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	21,715	849	-	-	*	*
Nueg	-	-	-	-	-	-
Linseed	21,715	849	-	-	*	*
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	*	*
Vegetables	*	*	3,267	*	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	*	*	*	*	*	*
Ethiopian Cabbage	*	*	-	-	*	*
Tomatoes	-	-	*	*	-	-
Green peppers	*	*	*	*	-	-
Red papers	*	*	*	*	*	*
Swiss chard	-	-	-	-	-	-
Root Crops	*	*	*	*	*	*
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	-	-	-	-
Potatoes	-	-	-	-	*	*
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	*	*	*	*	*	*
Sweet potatoes	-	-	-	-	-	-
Other Temporary	-	-	*	*	*	*
Fruit Crops	*	*	-	-	9,513	20
Avocado	*	*	-	-	3,370	*
Bananas	*	*	-	-	5,432	11
Guava	*	*	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	-	-	-	-	*	*
Oranges	-	-	-	-	-	-
Papayas	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	7,314	*	*	*	33,177	*
Chat	5,024	*	*	*	*	18
Coffee	*	*	*	*	11,676	*
Hops/'Gesho'	-	-	-	-	*	*
Enset	*	*	-	-	-	-
Sugar Cane	-	-	*	*	*	*
Other Permanent	-	-	-	-	-	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

West Shewa

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	646,670	472,807	652,289	343,449	29,403	69,030	39,959	35,456
Cereals	525,382	418,673	542,180	173,845	20,155	59,866	36,298	31,478
Teff	231,045	211,382	212,177	17,796	2,722	19,768	*	*
Barley	62,065	53,680	56,652	52,673	6,905	23,035	9,513	8,927
Wheat	60,300	56,655	96,766	11,142	1,195	15,551	2,749	3,500
Maize	98,354	93,477	174,822	125,403	8,531	31,694	*	*
Sorghum	72,176	*	*	5,574	*	*	*	*
Finger millet	*	*	*	-	-	*	*	*
Oats/'Aja'	*	*	*	2,945	*	-	-	-
Rice	*	*	-	*	*	-	-	-
Pulse	56,910	16,789	15,735	57,392	3,063	21,345	3,518	*
Horse/Faba beans	23,696	9,716	9,687	35,843	2,009	14,775	*	*
Field peas	6,994	4,561	4,060	7,813	467	*	*	*
White Haricot	*	*	*	*	*	-	-	-
Red Haricot beans	*	*	*	*	*	-	-	-
Chick peas	10,676	*	-	*	*	-	-	-
Lentils	2,974	*	1,331	*	*	*	*	*
Vetch/Grass peas	10,337	*	*	*	*	-	-	-
Soya beans	*	*	*	*	*	-	-	-
Fenugreek	*	*	*	11,390	*	*	*	*
Mung bean/'Masho"	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	24,646	*	*	23,125	*	*	*	*
Nueg	20,275	*	*	*	*	*	*	*
Linseed	3,638	*	*	*	*	-	-	-
Ground nuts	*	-	-	-	-	-	-	-
Safflower	*	*	-	*	*	-	-	-
Sesame	*	*	-	*	*	-	-	-
Rapeseed	*	*	*	19,585	*	*	*	*
Vegetables	*	*	*	144,916	1,432	*	*	*
Lettuce	*	*	-	*	*	-	-	-
Head Cabbage	190	188	*	15,473	183	-	-	-
Ethiopian Cabbage	347	265	*	73,689	259	*	*	*
Tomatoes	*	*	-	*	*	-	-	-
Green peppers	216	150	*	61,945	140	*	*	*
Red papers	*	*	*	21,976	*	*	*	*
Swiss chard	19	17	*	13,527	15	-	-	-
Root Crops	12,045	11,690	34,210	146,225	1,150	*	*	*
Beet root	99	71	*	28,537	70	-	-	-
Carrot	*	7	-	5,545	7	-	-	-
Onion	468	397	*	68,095	220	-	-	-
Potatoes	*	*	*	13,261	*	*	*	*
Yam	*	-	-	*	-	-	-	-
Garlic	765	686	*	102,649	391	*	*	*
Taro/'Godere'	*	-	*	-	-	-	-	-
Sweet potatoes	*	*	*	*	*	-	-	-
Other Temporary	545	326	*	54,073	246	-	-	-
Fruit Crops	283	149		36,053	149			
Avocado	*	*		*	*			
Bananas	133	33		16,873	33			
Guava	-	-		*	-			
Lemons	*	*		*	*			
Mangos	*	*		*	*			
Oranges	*	*		*	*			
Papayas	*	*		*	*			
Pineapples	-	-		-	-			
Stimulant Crops	863	402		86,593	400			
Chat	*	18		8,557	17			
Coffee	250	165		19,260	164			
Hops/'Gesho'	413	219		73,810	218			
Enset	2,719	2,441		157,772	2,438			
Sugar Cane	*	*		*	*			
Other Permanent	*	28		43,674	28			

(Table 1: cont'd.)

West Shewa, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	54,050	17,057	8,835	111,640	84,930	107,914	114,917	59,045	68,950
Cereals	39,130	15,731	7,989	108,227	79,061	96,943	103,645	49,002	48,618
Teff	26,994	12,724	5,919	66,757	48,423	54,405	53,961	28,637	18,409
Barley	-	-	-	28,478	*	*	34,311	10,352	15,578
Wheat	8,107	1,394	1,198	40,471	12,499	20,861	33,093	6,879	11,528
Maize	10,232	1,613	872	21,318	4,414	*	25,781	2,736	3,012
Sorghum	-	-	-	*	*	*	*	*	*
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	*	*	*	*	*	*
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	8,130	*	3,648	25,882	5,243	5,284
Horse/Faba beans	-	-	-	6,652	*	2,736	19,447	2,965	3,539
Field peas	-	-	-	*	*	*	6,759	1,536	1,215
White Haricot beans	-	-	-	*	*	*	-	-	-
Red Haricot beans	*	*	*	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	*	*	*	*	*	*
Vetch/Grass peas	-	-	-	-	-	-	*	*	*
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	4,544	*	*	*	*	*	*	*	*
Nueg	*	*	*	-	-	-	-	-	-
Linseed	*	*	*	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	*	*	*	*	*	*	*	*	*
Vegetables	14,754	1,075	638	*	*	*	*	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	-	-	-	*	*	*
Ethiopian Cabbage	-	-	-	*	*	*	*	*	*
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	*	*	*	*	*	*	-	-	-
Red papers	12,993	1,067	631	*	*	*	*	*	*
Swiss chard	*	*	*	-	-	-	*	*	*
Root Crops	3,001	*	*	9,841	*	*	*	*	*
Beet root	*	*	*	-	-	-	*	*	*
Carrot	-	-	-	-	-	-	-	-	-
Onion	*	*	*	-	-	-	-	-	-
Potatoes	-	-	-	*	*	*	*	*	*
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	3,821	*	*	4,447	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	*	*	*	*	-	-	-
Other Temporary	*	*	*	-	-	-	2,313	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

West Shewa, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	264,971	242,413	431,133	543,084	568,452	505,525	174,670	78,217	17,154
Cereals	247,979	218,425	357,152	497,712	447,312	409,173	174,670	78,071	16,970
Teff	139,891	105,712	122,372	318,227	229,322	118,688	6,336	*	*
Barley	40,041	13,265	17,163	168,588	62,065	126,222	-	-	-
Wheat	78,711	31,939	59,680	193,142	60,300	135,651	-	-	-
Maize	141,742	67,416	157,582	216,391	22,006	9,456	171,933	76,348	16,286
Sorghum	*	*	*	162,643	72,176	18,205	-	-	-
Finger millet	-	-	-	*	*	*	-	-	-
Oats/'Aja'	*	*	*	9,414	*	685	-	-	-
Rice	-	-	-	*	*	-	-	-	-
Pulse	18,019	2,156	3,033	249,767	56,764	88,440	*	*	*
Horse/Faba beans	8,697	1,017	1,505	163,979	23,696	40,448	-	-	-
Field peas	*	*	*	46,655	6,994	14,093	-	-	-
White Haricot	*	*	*	4,890	*	*	-	-	-
Red Haricot beans	*	*	*	9,922	*	*	-	-	-
Chick peas	-	-	-	37,692	10,676	*	-	-	-
Lentils	*	*	*	24,745	2,974	2,224	-	-	-
Vetch/Grass peas	-	-	-	60,387	10,337	21,142	-	-	-
Soya beans	*	*	*	*	*	*	*	*	*
Fenugreek	*	*	*	18,840	*	*	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	104,431	24,646	7,913	-	-	-
Nueg	-	-	-	50,070	20,275	4,682	-	-	-
Linseed	*	*	*	16,742	3,638	2,770	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	*	*	*	-	-	-
Rapeseed	*	*	*	42,499	*	283	-	-	-
Vegetables	57,229	*	*	258,037	*	-	-	-	-
Lettuce	-	-	-	*	*	-	-	-	-
Head Cabbage	-	-	-	18,139	190	-	-	-	-
Ethiopian Cabbage	*	*	*	96,658	347	-	-	-	-
Tomatoes	-	-	-	*	*	-	-	-	-
Green peppers	*	*	*	88,774	216	-	-	-	-
Red papers	55,478	*	*	103,056	*	-	-	-	-
Swiss chard	-	-	-	17,004	19	-	-	-	-
Root Crops	12,854	*	13,019	214,828	12,045	-	-	-	-
Beet root	*	*	*	38,616	99	-	-	-	-
Carrot	-	-	-	7,367	*	-	-	-	-
Onion	*	*	*	89,041	468	-	-	-	-
Potatoes	*	*	*	48,003	*	-	-	-	-
Yam	-	-	-	*	*	-	-	-	-
Garlic	*	*	*	142,076	765	-	-	-	-
Taro/'Godere'	*	-	*	*	*	-	-	-	-
Sweet potatoes	*	*	*	7,930	*	-	-	-	-
Other Temporary	*	*	*	87,447	545	-	-	-	-
Fruit Crops	*	*	*	63,177	283				
Avocado				*	*				
Bananas				34,248	133				
Guava				*	-				
Lemons				*	*				
Mangos				20,702	*				
Oranges				6,585	*				
Papayas				*	*				
Pineapples				-	-				
Stimulant Crops	-	-	-	135,310	863		-	-	-
Chat				20,051	*				
Coffee				32,190	250		-	-	-
Hops/'Gesho'				112,377	413				
Enset				183,270	2,719				
Sugar Cane				15,316	*				
Other Permanent				62,626	*				

(Table 1: Cont'd) West Shewa, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	387,845	332,847	21,443	*	196,888	100,212
Cereals	375,779	313,977	*	*	190,381	95,442
Teff	262,515	198,963	*	*	*	*
Barley	109,023	41,020	*	*	*	*
Wheat	148,600	47,194	-	-	*	*
Maize	37,872	*	-	-	163,143	73,110
Sorghum	8,645	*	*	-	-	-
Finger millet	-	-	-	-	-	-
Oats/'Aja'	5,754	*	-	-	-	-
Rice	-	-	*	*	-	-
Pulse	40,691	10,728	*	*	9,841	910
Horse/Faba beans	16,457	2,592	*	*	3,335	*
Field peas	*	*	-	-	-	-
White Haricot beans	-	-	-	-	*	*
Red Haricot beans	*	*	-	-	*	*
Chick peas	*	*	-	-	-	-
Lentils	*	*	-	-	*	*
Vetch/Grass peas	*	*	-	-	-	-
Soya beans	*	*	-	-	*	*
Fenugreek	*	*	-	-	*	*
Mung bean/'Masho"	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	4,348	*	*	*	*	*
Nueg	*	*	-	-	-	-
Linseed	*	*	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	*	*	*	*	*	*
Vegetables	6,574	32	9,147	34	3,803	*
Lettuce	-	-	-	-	-	-
Head Cabbage	*	*	*	*	-	-
Ethiopian Cabbage	*	*	*	*	*	*
Tomatoes	-	-	*	*	-	-
Green peppers	3,207	*	4,377	*	-	-
Red papers	2,277	*	*	*	*	*
Swiss chard	*	*	*	*	*	*
Root Crops	42,416	*	9,359	225	*	*
Beet root	*	*	*	*	*	*
Carrot	-	-	-	-	-	-
Onion	*	*	3,926	*	-	-
Potatoes	*	*	-	-	*	*
Yam	-	-	-	-	-	-
Garlic	24,200	*	*	*	*	*
Taro/'Godere'	-	-	*	*	-	-
Sweet potatoes	*	*	*	*	-	-
Other Temporary	-	-	*	*	*	*
Fruit Crops	-	-	*	7	*	*
Avocado	-	-	-	-	-	-
Bananas	-	-	3,563	6	*	*
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	*	-
Mangos	-	-	-	-	-	-
Oranges	-	-	-	-	-	-
Papayas	-	-	*	*	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	5,191	22	3,428	*
Chat	-	-	*	*	*	*
Coffee	-	-	2,546	*	*	*
Hops/'Gesho'	*	*	3,624	*	*	*
Enset	*	*	*	*		
Sugar Cane	-	-	*	*	-	-
Other Permanent	-	-	*	*	-	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

North Shewa (Oromia)

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	428,357	219,325	341,885	199,809	17,966	*	*	*
Cereals	348,639	211,359	334,831	102,936	12,627	*	*	*
Teff	141,247	125,948	192,048	5,430	968	*	*	*
Barley	69,630	17,938	21,877	17,657	2,330	*	*	*
Wheat	73,060	58,230	116,885	6,828	1,217	*	*	*
Maize	6,918	4,533	226	77,885	4,257	-	-	-
Sorghum	56,823	*	*	17,562	3,855	*	*	*
Finger millet	*	-	-	-	-	-	-	-
Oats/'Aja'	841	*	*	-	-	-	-	-
Rice	*	-	-	-	-	-	-	-
Pulse	73,695	6,726	3,176	30,224	4,242	*	*	*
Horse/Faba beans	37,155	4,446	681	27,119	3,710	-	-	-
Field peas	2,931	*	-	5,568	*	-	-	-
White Haricot	*	-	-	-	-	-	-	-
Red Haricot beans	*	*	-	*	*	-	-	-
Chick peas	10,150	*	*	*	*	*	*	*
Lentils	7,186	*	*	*	*	-	-	-
Vetch/Grass peas	13,974	*	*	*	*	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	549	*	*	*	*	-	-	-
Mung bean/'Masho'	*	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	4,350	*	*	15,329	*	-	-	-
Nueg	1,907	-	*	-	-	-	-	-
Linseed	2,334	*	-	*	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-
Safflower	*	*	*	*	*	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	*	*	*	13,180	*	-	-	-
Vegetables	306	182	*	77,250	168	*	*	*
Lettuce	*	*	-	*	*	-	-	-
Head Cabbage	*	*	-	*	*	-	-	-
Ethiopian Cabbage	221	158	*	58,204	152	-	-	-
Tomatoes	*	*	-	*	*	-	-	-
Green peppers	51	19	*	18,526	11	-	-	-
Red papers	*	*	-	*	*	-	-	-
Swiss chard	*	3	*	6,339	3	*	*	*
Root Crops	583	468	*	76,572	*	*	*	*
Beet root	4	*	-	6,261	*	-	-	-
Carrot	*	*	-	*	*	-	-	-
Onion	20	*	*	4,619	*	*	*	*
Potatoes	*	*	*	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	256	161	36	69,133	147	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	-	*	*	-	-	-
Other Temporary	97	58	*	33,330	58	-	-	-
Fruit Crops	*	*		*	*			
Avocado	*	*		*	*			
Bananas	*	*		*	*			
Guava	-	-		-	-			
Lemons	*	-		-	-			
Mangos	*	-		-	-			
Oranges	*	*		*	*			
Papayas	*	*		*	*			
Pineapples	-	-		-	-			
Stimulant Crops	614	370		57,027	370			
Chat	*	*		*	*			
Coffee	5	*		*	*			
Hops/'Gesho'	592	353		54,701	353			
Enset	*	*		*	*			
Sugar Cane	*	*		*	*			
Other Permanent	35	21		30,484	21			

(Table 1: cont'd.)

North Shewa (Oromia), 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	21,666	7,903	5,904	82,865	76,879	122,126	12,713	4,116	3,831
Cereals	19,578	7,830	5,831	82,018	76,419	121,339	11,358	3,886	3,415
Teff	12,102	5,722	3,885	74,262	50,630	72,347	*	*	*
Barley	*	*	*	7,921	*	*	*	*	*
Wheat	6,983	1,452	1,400	43,820	22,472	43,889	*	*	*
Maize	*	*	*	*	*	*	*	*	*
Sorghum	*	*	*	*	*	*	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	4,100	381	*	*	*	*
Horse/Faba beans	-	-	-	*	*	*	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	*	*	*	*	*	*	*	*	*
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	*	*	*	*	*	*
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	*	*	*
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	*	*	*	*	*	*	*	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	*	*	*	-	-	-	*	*	*
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	*	*	*	*	*	*	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	1,944	*	*	*	*	*	*	*	*
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	*	*	*	-	-	-	-	-	-
Potatoes	*	*	*	*	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	*	*	*	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	*	*	*	-	-	-	*	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

North Shewa (Oromia), 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	124,371	104,010	200,688	342,126	421,157	457,606	21,811	7,200	8,394
Cereals	124,371	102,217	194,981	324,612	341,524	344,155	21,332	7,115	8,250
Teff	98,394	63,047	109,934	231,144	138,679	74,951	6,227	*	*
Barley	24,259	10,116	14,651	120,917	69,457	126,967	*	*	*
Wheat	75,829	28,797	67,207	164,316	69,673	126,115	16,427	3,387	7,149
Maize	*	*	*	116,329	6,912	3,178	*	*	*
Sorghum	*	*	*	96,727	55,840	12,192	*	*	*
Finger millet	-	-	-	*	*	*	-	-	-
Oats/'Aja'	*	*	*	4,752	841	472	-	-	-
Rice	-	-	-	*	*	*	-	-	-
Pulse	9,733	*	*	202,070	73,609	111,413	*	*	*
Horse/Faba beans	*	*	*	158,641	37,155	63,574	-	-	-
Field peas	-	-	-	29,429	2,931	7,037	-	-	-
White Haricot	-	-	-	*	*	*	-	-	-
Red Haricot beans	-	-	-	*	*	*	-	-	-
Chick peas	*	*	*	37,081	10,064	12,085	*	*	*
Lentils	*	*	*	42,964	7,186	10,116	-	-	-
Vetch/Grass peas	*	*	*	70,215	13,974	17,991	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	5,903	549	373	-	-	-
Mung bean/'Masho'	-	-	-	*	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	47,676	4,350	2,039	-	-	-
Nueg	*	-	*	11,161	1,907	240	-	-	-
Linseed	-	-	-	17,592	2,334	1,702	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	*	*	*	*	*	*	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	*	*	*	17,863	*	80	-	-	-
Vegetables	*	*	*	109,448	306	-	-	-	-
Lettuce	-	-	-	1,894	*	-	-	-	-
Head Cabbage	-	-	-	*	*	-	-	-	-
Ethiopian Cabbage	*	*	*	75,535	221	-	-	-	-
Tomatoes	-	-	-	*	*	-	-	-	-
Green peppers	*	*	*	32,537	51	-	-	-	-
Red papers	-	-	-	*	*	-	-	-	-
Swiss chard	*	*	*	8,506	*	-	-	-	-
Root Crops	3,073	*	*	108,025	583	-	-	-	-
Beet root	-	-	-	7,901	4	-	-	-	-
Carrot	-	-	-	3,533	*	-	-	-	-
Onion	*	*	*	12,252	20	-	-	-	-
Potatoes	*	*	*	10,234	*	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	94,766	256	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	*	*	-	-	-	-
Other Temporary	-	-	-	46,046	97	-	-	-	-
Fruit Crops	-	-	-	7,659	*	-	-	-	-
Avocado				*	*				
Bananas				*	*				
Guava				-	-				
Lemons				*	*				
Mangos				*	*				
Oranges				*	*				
Papayas				*	*				
Pineapples				-	-				
Stimulant Crops	751	96	340	78,079	614	-	-	-	-
Chat				4,739	*				
Coffee				5,563	5		-	-	-
Hops/'Gesho'				73,834	592				
Enset				*	*				
Sugar Cane				5,861	*				
Other Permanent				48,124	35				

(Table 1: Cont'd)

North Shewa (Oromia), 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	154,189	134,325	17,107	545	110,839	101,189
Cereals	150,824	130,421	*	*	106,011	92,660
<i>Teff</i>	106,981	65,597	*	*	68,245	41,406
<i>Barley</i>	37,765	14,829	-	-	33,385	19,748
<i>Wheat</i>	101,484	46,773	*	*	67,780	30,973
<i>Maize</i>	*	*	-	-	*	*
<i>Sorghum</i>	*	*	-	-	-	-
<i>Finger millet</i>	-	-	-	-	-	-
<i>Oats/'Aja'</i>	*	*	-	-	*	*
<i>Rice</i>	-	-	-	-	-	-
Pulse	12,493	3,804	-	-	27,345	7,544
<i>Horse/Faba beans</i>	8,582	*	-	-	22,375	5,526
<i>Field peas</i>	*	-	-	-	*	*
<i>White Haricot beans</i>	-	-	-	-	-	-
<i>Red Haricot beans</i>	-	-	-	-	-	-
<i>Chick peas</i>	*	*	-	-	*	*
<i>Lentils</i>	*	*	-	-	6,636	878
<i>Vetch/Grass peas</i>	*	*	-	-	*	*
<i>Soya beans</i>	-	-	-	-	-	-
<i>Fenugreek</i>	*	*	-	-	*	*
<i>Mung bean/'Masho'</i>	*	*	-	-	-	-
<i>Gibto</i>	-	-	-	-	-	-
Oil Seeds	-	-	-	-	5,181	802
<i>Nueg</i>	-	-	-	-	*	*
<i>Linseed</i>	-	-	-	-	*	*
<i>Ground nuts</i>	-	-	-	-	-	-
<i>Safflower</i>	-	-	-	-	-	-
<i>Sesame</i>	-	-	-	-	-	-
<i>Rapeseed</i>	-	-	-	-	-	-
Vegetables	*	*	6,146	13	*	*
<i>Lettuce</i>	-	-	-	-	-	-
<i>Head Cabbage</i>	-	-	-	-	-	-
<i>Ethiopian Cabbage</i>	*	*	*	*	*	*
<i>Tomatoes</i>	-	-	*	*	-	-
<i>Green peppers</i>	*	*	4,301	*	*	*
<i>Red papers</i>	-	-	*	*	-	-
<i>Swiss chard</i>	-	-	-	-	*	*
Root Crops	*	*	6,177	*	*	*
<i>Beet root</i>	-	-	*	*	-	-
<i>Carrot</i>	-	-	-	-	-	-
<i>Onion</i>	*	*	*	*	*	*
<i>Potatoes</i>	*	*	-	-	*	*
<i>Yam</i>	-	-	-	-	-	-
<i>Garlic</i>	*	*	*	*	*	*
<i>Taro/'Godere'</i>	-	-	-	-	-	-
<i>Sweet potatoes</i>	-	-	-	-	-	-
Other Temporary	-	-	*	*	*	*
Fruit Crops	-	-	*	*	-	-
<i>Avocado</i>	-	-	-	-	-	-
<i>Bananas</i>	-	-	*	*	-	-
<i>Guava</i>	-	-	-	-	-	-
<i>Lemons</i>	-	-	*	*	-	-
<i>Mangos</i>	-	-	*	*	-	-
<i>Oranges</i>	-	-	*	*	-	-
<i>Papayas</i>	-	-	-	-	-	-
<i>Pineapples</i>	-	-	-	-	-	-
Stimulant Crops	*	*	7,939	*	*	*
<i>Chat</i>	-	-	-	-	-	-
<i>Coffee</i>	*	*	2,616	4	-	-
<i>Hops/'Gesho'</i>	*	*	7,073	*	*	*
Enset	-	-	-	-	-	-
Sugar Cane	-	-	*	*	-	-
Other Permanent	-	-	*	*	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

East Shewa

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	471,985	345,960	478,911	121,201	22,957	28,025	20,271	16,212
Cereals	395,977	322,776	447,352	102,448	21,328	24,042	*	*
Teff	215,627	201,549	288,904	*	*	*	4,850	*
Barley	7,026	4,163	4,011	2,360	*	*	*	*
Wheat	72,165	66,815	126,565	*	*	*	*	*
Maize	92,374	48,637	27,080	100,031	20,306	*	*	*
Sorghum	8,520	*	*	*	*	*	*	*
Finger millet	*	*	*	*	*	*	*	*
Oats/'Aja'	*	*	*	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	70,451	19,108	18,600	17,135	1,176	6,147	1,946	*
Horse/Faba beans	10,293	580	*	6,426	346	-	-	-
Field peas	6,445	415	471	-	-	*	*	*
White Haricot	6,576	*	*	1,470	*	*	*	*
Red Haricot beans	10,147	2,348	*	8,194	*	*	*	*
Chick peas	13,353	*	*	*	*	-	-	-
Lentils	20,514	10,005	9,218	*	*	*	*	*
Vetch/Grass peas	2,198	*	*	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	-	-	-	-	-
Mung bean/'Masho'	*	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-
Safflower	*	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	*	*	*	-	-	-	-	-
Vegetables	1,367	654	476	14,966	206	*	*	*
Lettuce	*	-	-	*	-	-	-	-
Head Cabbage	*	*	*	*	-	-	-	-
Ethiopian	*	*	-	8,946	*	-	-	-
Tomatoes	*	*	*	*	*	-	-	-
Green peppers	151	91	*	9,746	69	-	-	-
Red papers	*	*	*	*	*	*	*	*
Swiss chard	*	-	-	-	-	-	-	-
Root Crops	3,094	2,842	*	5,446	*	-	-	-
Beet root	*	*	-	*	*	-	-	-
Carrot	*	-	-	-	-	-	-	-
Onion	*	*	*	2,699	*	-	-	-
Potatoes	*	*	-	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	*	*	*	*	*	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	-	*	*	-	-	-
Other Temporary	255	*	*	7,207	29	-	-	-
Fruit Crops	*	*	*	*	*			
Avocado	-	-		-	-			
Bananas	*	*		*	*			
Guava	*	*		*	*			
Lemons	*	-		-	-			
Mangos	*	*		*	*			
Oranges	-	-		-	-			
Papayas	*	*		*	*			
Pineapples	-	-		-	-			
Stimulant Crops	498	142		10,997	142			
Chat	*	-		*	-			
Coffee	-	-		-	-			
Hops/'Gesho'	268	142		10,997	142			
Enset	-	-		-	-			
Sugar Cane	*	*		-	-			
Other	*	*		*	*			

(Table 1: cont'd.)

East Shewa, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	30,869	12,314	8,845	56,454	58,261	12,713	102,652	79,653	79,840
Cereals	25,317	9,978	7,654	52,229	56,717	11,358	91,500	71,669	70,266
Teff	9,458	*	*	46,349	41,047	*	65,739	45,739	43,303
Barley	*	*	*	*	*	*	7,079	1,788	1,359
Wheat	*	*	*	29,868	12,476	*	21,429	9,556	10,649
Maize	10,371	2,732	*	5,147	*	*	31,280	14,458	14,848
Sorghum	*	*	*	-	-	-	*	*	*
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	*	*	*	*	*	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	6,890	*	*	*	*	*	29,200	7,301	8,294
Horse/Faba beans	-	-	-	-	-	-	2,486	*	*
Field peas	-	-	-	-	-	-	*	*	*
White Haricot beans	*	*	*	-	-	-	*	*	*
Red Haricot beans	*	*	*	-	-	-	11,120	1,412	*
Chick peas	-	-	-	*	*	-	-	-	-
Lentils	*	*	*	*	*	*	*	*	*
Vetch/Grass peas	*	*	*	-	-	-	*	*	*
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	*	*	*	*
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	-	-	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	*	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	*	*	*	-	-	-	-	-	-
Vegetables	*	*	*	*	*	*	*	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	*	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	*	-	-	-
Tomatoes	-	-	-	*	*	-	-	-	-
Green peppers	-	-	-	*	*	-	*	*	*
Red papers	*	*	*	-	-	-	*	*	*
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	*	*	*	*	*	*
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	*	*	-	*	*	*
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	*	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	*	*	*	*	*	*	*	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

East Shewa, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	144,241	152,504	286,527	362,122	418,634	388,487	75,398	53,351	28,242
Cereals	141,779	144,982	271,386	343,034	345,143	293,025	71,425	50,835	24,368
Teff	126,493	105,837	179,661	268,310	207,802	109,028	14,659	7,825	3,149
Barley	9,329	1,401	1,961	40,227	6,945	12,945	*	*	*
Wheat	80,166	36,713	87,589	146,602	65,213	131,112	18,696	6,952	11,843
Maize	5,087	1,032	2,103	198,150	56,398	36,712	51,034	35,977	9,339
Sorghum	*	-	*	29,253	8,520	2,988	*	-	*
Finger millet	-	-	-	*	*	*	-	-	-
Oats/'Aja'	*	-	*	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	17,659	*	*	191,825	68,022	95,454	*	*	*
Horse/Faba beans	-	-	-	65,999	10,293	18,863	-	-	-
Field peas	-	-	-	34,259	6,445	8,667	-	-	-
White Haricot	*	420	*	28,285	6,576	10,538	*	-	*
Red Haricot beans	-	-	-	72,637	10,147	14,446	-	-	-
Chick peas	-	-	-	35,506	12,188	24,417	*	*	*
Lentils	*	*	*	60,385	19,250	15,511	*	*	*
Vetch/Grass peas	-	-	-	15,909	2,198	*	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	*	*	*	-	-	-
Mung bean/'Masho'	-	-	-	*	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	*	*	*	-	-	-
Vegetables	*	*	*	40,377	1,367	-	-	-	-
Lettuce	-	-	-	*	*	-	-	-	-
Head Cabbage	-	-	-	*	*	-	-	-	-
Ethiopian Cabbage	-	-	-	24,743	*	-	-	-	-
Tomatoes	-	-	-	2,410	*	-	-	-	-
Green peppers	*	*	*	17,965	151	-	-	-	-
Red papers	-	-	-	*	*	-	-	-	-
Swiss chard	-	-	-	*	*	-	-	-	-
Root Crops	9,857	*	*	37,155	3,007	-	*	*	-
Beet root	-	-	-	*	*	-	-	-	-
Carrot	-	-	-	*	*	-	-	-	-
Onion	7,780	*	*	20,539	*	-	*	*	-
Potatoes	-	-	-	*	*	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	18,930	*	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	*	*	-	-	-	-
Other Temporary	*	*	*	25,263	255	-	-	-	-
Fruit Crops	*	-	*	8,247	*				
Avocado				-	-				
Bananas				*	*				
Guava				*	*				
Lemons				*	*				
Mangos				*	*				
Oranges				*	-				
Papayas				*	*				
Pineapples				-	-				
Stimulant Crops				21,993	498		-	-	-
Chat				*	*				
Coffee				*	-		-	-	-
Hops/'Gesho'				19,435	268				
Enset				-	-				
Sugar Cane				*	*				
Other Permanent				7,256	*				

(Table 1: Cont'd) East Shewa, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	276,133	298,333	18,505	*	135,782	107,108
Cereals	258,881	263,319	*	*	130,276	98,684
Teff	227,443	177,400	-	-	59,130	39,238
Barley	21,144	3,683	-	-	*	*
Wheat	133,725	61,249	-	-	22,728	8,820
Maize	29,161	*	*	*	88,229	50,326
Sorghum	*	*	-	-	*	*
Finger millet	-	-	-	-	*	*
Oats/'Aja'	*	*	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	78,636	31,608	*	*	33,010	6,473
Horse/Faba beans	10,004	*	-	-	3,188	*
Field peas	11,137	*	-	-	*	*
White Haricot beans	*	*	-	-	*	*
Red Haricot beans	*	*	-	-	18,470	*
Chick peas	23,067	7,858	-	-	*	*
Lentils	54,550	17,697	-	-	*	*
Vetch/Grass peas	*	*	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	*	*	*	*	*	*
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	*	*
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	*	*
Vegetables	6,898	641	*	*	4,687	*
Lettuce	-	-	-	-	-	-
Head Cabbage	*	*	-	-	-	-
Ethiopian Cabbage	*	*	*	*	*	*
Tomatoes	*	*	*	*	*	*
Green peppers	*	*	*	*	*	*
Red papers	*	*	-	-	*	*
Swiss chard	-	-	-	-	-	-
Root Crops	11,752	*	*	*	*	*
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	9,963	*	*	*	*	*
Potatoes	-	-	*	*	-	-
Yam	-	-	-	-	-	-
Garlic	*	*	*	*	*	*
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	*	*	-	-
Other Temporary	*	*	*	*	*	*
Fruit Crops	*	*	*	*	*	-
Avocado	-	-	-	-	-	-
Bananas	-	-	*	*	-	-
Guava	-	-	-	-	-	-
Lemons	-	-	*	*	-	-
Mangos	*	*	*	*	-	-
Oranges	-	-	*	-	*	-
Papayas	*	*	*	*	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	*	*	-	-
Chat	*	*	*	*	-	-
Coffee	*	-	-	-	-	-
Hops/'Geshe'	*	*	*	*	-	-
Enset	-	-	-	-	-	-
Sugar Cane	*	*	*	*	*	*
Other Permanent	-	-	*	*	*	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Arsi

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	639,066	490,629	462,876	296,740	42,191	74,684	43,571	38,100
Cereals	526,820	421,389	404,234	158,086	27,820	63,409	39,463	35,286
Teff	105,149	74,462	57,529	4,815	*	40,482	15,638	11,761
Barley	95,265	87,231	90,202	12,868	1,164	*	*	*
Wheat	204,081	199,484	229,981	5,956	*	34,623	*	*
Maize	81,089	50,221	20,998	135,402	19,548	16,254	2,477	1,469
Sorghum	39,995	8,948	*	24,360	*	4,965	*	*
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	1,242	1,043	*	*	*	*	*	*
Rice	-	-	-	-	-	-	-	-
Pulse	62,058	41,836	25,752	44,195	5,774	19,467	2,932	1,760
Horse/Faba beans	31,746	26,460	18,122	23,827	2,975	13,298	*	*
Field peas	13,706	9,041	4,808	7,996	*	2,723	325	*
White Haricot	2,470	*	*	3,104	*	*	*	*
Red Haricot beans	5,161	*	*	7,331	*	*	*	*
Chick peas	*	*	*	*	*	*	*	*
Lentils	896	*	*	*	*	*	*	*
Vetch/Grass peas	*	*	*	*	*	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	2,948	2,135	1,388	7,303	*	*	*	*
Mung bean/'Masho'	*	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	14,765	4,515	2,152	7,587	600	*	*	*
Nueg	*	*	*	*	*	*	*	*
Linseed	12,033	3,284	1,816	*	*	*	*	*
Ground nuts	*	*	*	-	-	-	-	-
Safflower	*	-	*	-	-	*	-	*
Sesame	*	*	*	*	*	-	-	-
Rapeseed	994	521	*	5,797	317	-	-	-
Vegetables	4,796	3,529	*	80,687	1,130	*	*	*
Lettuce	*	*	-	*	*	-	-	-
Head Cabbage	335	278	*	8,760	110	-	-	-
Ethiopian	825	601	*	49,871	528	-	-	-
Tomatoes	*	*	*	*	*	-	-	-
Green peppers	462	203	*	27,601	110	*	*	*
Red papers	*	*	*	7,890	278	*	*	*
Swiss chard	*	*	-	*	*	-	-	-
Root Crops	13,166	12,180	22,748	67,976	1,820	*	*	*
Beet root	620	*	*	18,091	169	-	-	-
Carrot	*	*	*	*	*	-	-	-
Onion	5,478	5,451	11,091	13,238	163	*	*	*
Potatoes	3,914	3,598	8,727	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	1,884	1,637	1,725	40,553	635	-	-	-
Taro/'Godere'	*	-	-	*	-	-	-	-
Sweet potatoes	*	*	*	*	-	*	*	*
Other Temporary	*	1,781	*	63,063	462	*	*	*
Fruit Crops	*	*		11,305	*			
Avocado	*	-		-	-			
Bananas	*	*		*	*			
Guava	*	-		-	-			
Lemons	-	-		*	-			
Mangos	*	-		*	-			
Oranges	*	*		*	*			
Papayas	*	*		*	*			
Pineapples	-	-		-	-			
Stimulant Crops	10,913	*		59,420	*			
Chat	3,842	1,291		24,686	1,172			
Coffee	6,607	*		24,784	*			
Hops/'Gesho'	465	347		23,373	342			
Enset	*	*		21,859	*			
Sugar Cane	*	*		*	*			
Other	33	18		*	18			

(Table 1: cont'd.)

Arsi, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	22,174	4,223	3,145	40,731	13,726	26,088	392,490	351,665	340,330
Cereals	11,581	*	2,193	33,895	11,355	18,919	379,571	307,858	300,962
Teff	9,510	*	*	23,044	6,215	*	101,490	40,581	25,718
Barley	-	-	-	*	*	*	176,861	81,595	85,247
Wheat	*	*	*	7,535	*	3,795	270,005	156,534	171,455
Maize	*	*	*	8,365	*	*	96,846	26,163	16,093
Sorghum	*	*	*	*	*	*	11,006	*	*
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	*	*	*	6,809	*	*
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	*	*	*	144,496	31,535	22,208
Horse/Faba beans	*	*	*	*	*	*	105,369	20,375	16,172
Field peas	*	-	*	-	-	-	34,871	7,387	3,753
White Haricot beans	-	-	-	-	-	-	*	*	*
Red Haricot beans	-	-	-	-	-	-	5,834	*	*
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	*	*	*	*	*	*	*	*	*
Vetch/Grass peas	-	-	-	-	-	-	*	*	*
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	*	*	*	15,002	1,375	1,070
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	-	-	-	15,374	3,541	1,826
Nueg	-	-	-	-	-	-	*	*	*
Linseed	-	-	-	-	-	-	10,349	2,984	1,634
Ground nuts	-	-	-	-	-	-	*	*	*
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	*	*	*
Rapeseed	*	*	*	-	-	-	*	*	*
Vegetables	*	*	*	7,066	401	*	20,836	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	*	*	*	*	*
Ethiopian Cabbage	-	-	-	-	-	-	8,424	72	*
Tomatoes	*	*	*	*	*	*	-	-	-
Green peppers	*	*	*	*	*	*	*	*	*
Red papers	*	*	*	*	*	*	*	*	*
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	4,692	261	231	*	*	*	60,923	6,879	13,112
Beet root	*	*	*	*	*	*	4,819	*	*
Carrot	-	-	-	-	-	-	*	*	*
Onion	*	*	*	*	*	*	*	*	*
Potatoes	-	-	-	-	-	-	22,779	2,435	5,821
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	-	-	-	15,874	692	1,237
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	*	*	*	*	*	*	5,122	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Arsi, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	57,725	35,253	55,213	627,278	578,885	914,549	125,838	60,181	58,245
Cereals	50,233	31,619	46,873	588,834	466,982	811,721	122,303	59,839	58,229
Teff	22,816	*	8,326	222,648	102,112	65,010	12,154	3,037	1,396
Barley	*	*	*	237,233	92,464	244,929	8,461	*	*
Wheat	35,181	21,843	36,219	318,143	181,430	451,527	63,695	22,651	42,110
Maize	2,399	*	*	294,682	49,890	33,028	63,549	31,198	8,947
Sorghum	*	*	*	123,527	39,844	14,328	*	*	*
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	12,464	1,242	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	7,779	1,330	1,532	310,589	62,023	88,585	*	*	*
Horse/Faba beans	4,117	*	*	178,388	31,746	56,518	-	-	-
Field peas	*	*	*	73,313	13,706	18,607	-	-	-
White Haricot	-	-	-	23,420	2,470	2,153	-	-	-
Red Haricot beans	*	*	*	48,058	5,161	3,980	-	-	-
Chick peas	-	-	-	8,923	*	680	*	*	*
Lentils	-	-	-	15,519	896	418	-	-	-
Vetch/Grass peas	-	-	-	27,870	*	*	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	42,175	2,948	2,292	-	-	-
Mung bean/'Masho'	-	-	-	*	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	69,915	14,765	14,243	-	-	-
Nueg	*	*	*	11,167	*	618	-	-	-
Linseed	-	-	-	44,523	12,033	13,458	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	*	*	*	-	-	-
Rapeseed	-	-	-	12,852	994	104	-	-	-
Vegetables	*	*	*	154,804	4,762	-	*	*	-
Lettuce	-	-	-	*	*	-	-	-	-
Head Cabbage	-	-	-	13,850	301	-	*	*	-
Ethiopian Cabbage	-	-	-	72,138	825	-	-	-	-
Tomatoes	-	-	-	*	*	-	-	-	-
Green peppers	-	-	-	52,029	462	-	-	-	-
Red papers	*	*	*	35,419	*	-	-	-	-
Swiss chard	-	-	-	*	*	-	-	-	-
Root Crops	4,605	1,458	*	155,734	13,071	-	2,678	*	-
Beet root	-	-	-	26,147	620	-	-	-	-
Carrot	*	*	*	*	*	-	*	*	-
Onion	*	*	*	43,739	5,478	-	-	-	-
Potatoes	*	*	*	39,870	3,914	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	61,563	1,883	-	*	*	-
Taro/'Godere'	-	-	-	*	*	-	-	-	-
Sweet potatoes	-	-	-	4,907	*	-	-	-	-
Other Temporary	*	*	*	102,784	*	-	-	-	-
Fruit Crops				28,388	*				
Avocado				*	*				
Bananas				17,648	*				
Guava				*	*				
Lemons				*	-				
Mangos				4,507	*				
Oranges				7,976	*				
Papayas				*	*				
Pineapples				-	-				
Stimulant Crops	-	-	-	113,192	10,908		*	*	-
Chat				59,416	3,842				
Coffee				59,201	6,602		*	*	-
Hops/'Gesho'				34,410	465				
Enset				27,563	*				
Sugar Cane				5,847	*				
Other Permanent				*	31				

(Table 1: Cont'd) Arsi, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	460,727	410,091	26,154	*	253,194	163,981
Cereals	444,974	365,761	*	*	232,123	147,714
Teff	168,011	75,877	*	*	37,572	11,386
Barley	194,483	85,263	-	-	44,222	22,899
Wheat	323,764	194,924	-	-	130,346	72,876
Maize	44,621	8,369	*	*	94,503	37,124
Sorghum	5,617	830	*	-	*	*
Finger millet	-	-	-	-	-	-
Oats/'Aja'	6,764	498	-	-	*	*
Rice	-	-	-	-	-	-
Pulse	132,555	31,565	*	*	44,067	8,353
Horse/Faba beans	87,634	18,255	*	*	28,748	5,773
Field peas	49,251	9,272	-	-	2,696	*
White Haricot beans	*	*	-	-	*	*
Red Haricot beans	*	*	-	-	*	*
Chick peas	*	*	*	*	*	*
Lentils	*	*	-	-	*	*
Vetch/Grass peas	*	*	-	-	*	*
Soya beans	-	-	-	-	-	-
Fenugreek	*	340	*	*	*	*
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	9,877	*	-	-	6,744	2,534
Nueg	*	*	-	-	-	-
Linseed	7,097	*	-	-	6,185	2,407
Ground nuts	-	-	-	-	*	*
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	*	*	-	-	-	-
Vegetables	22,091	624	*	*	17,350	*
Lettuce	-	-	*	-	*	-
Head Cabbage	*	*	-	-	*	*
Ethiopian Cabbage	*	*	*	*	*	*
Tomatoes	*	*	*	*	*	*
Green peppers	*	*	*	*	*	*
Red papers	*	*	*	*	*	*
Swiss chard	*	*	-	-	-	-
Root Crops	78,647	9,023	*	*	37,908	4,308
Beet root	*	*	-	-	*	*
Carrot	*	*	-	-	*	*
Onion	26,201	4,919	*	*	*	*
Potatoes	13,932	1,767	*	*	8,236	1,246
Yam	-	-	-	-	-	-
Garlic	29,519	1,422	*	*	13,091	*
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	*	*	-	-
Other Temporary	5,938	612	*	*	6,116	*
Fruit Crops	-	-	*	*	*	*
Avocado	-	-	-	-	-	-
Bananas	-	-	*	*	*	*
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	-	-	*	*	-	-
Oranges	-	-	-	-	*	*
Papayas	-	-	*	-	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	13,496	400	*	*	*	*
Chat	*	*	*	*	*	*
Coffee	*	*	*	*	*	*
Hops/'Gesho'	*	*	*	*	*	*
Enset	-	-	*	*	-	-
Sugar Cane	*	*	*	*	-	-
Other Permanent	*	*	*	*	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

West Hararghe

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	298,086	127,760	179,253	465,278	67,074	150,804	34,916	62,463
Cereals	222,401	95,425	90,787	376,717	49,276	126,339	25,707	30,338
Teff	8,340	*	4,135	21,744	*	*	*	*
Barley	6,737	2,299	1,240	36,624	*	16,339	*	*
Wheat	*	3,305	*	30,971	*	*	*	*
Maize	39,808	32,807	68,748	255,352	11,280	102,060	13,349	20,819
Sorghum	158,230	52,127	12,540	261,960	32,563	55,440	*	*
Finger millet	*	*	*	*	*	*	*	*
Oats/'Aja'	*	-	-	-	-	-	-	-
Rice	-	-	*	-	-	*	-	*
Pulse	12,632	3,650	14,045	116,124	2,323	21,520	*	*
Horse/Faba beans	*	285	*	*	*	-	-	-
Field peas	*	*	*	*	*	-	-	-
White Haricot	5,178	1,968	10,116	86,690	*	17,613	*	*
Red Haricot beans	*	*	*	10,271	*	*	-	*
Chick peas	3,122	*	*	10,862	*	*	-	*
Lentils	793	*	*	*	*	-	-	-
Vetch/Grass peas	*	*	-	*	*	-	-	-
Soya beans	-	-	*	*	-	*	-	*
Fenugreek	*	*	*	*	*	*	*	*
Mung	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	3,613	*	*	50,707	*	*	*	*
Nueg	-	-	-	-	-	-	-	-
Linseed	610	*	*	12,377	*	*	*	*
Ground nuts	1,734	1,301	*	*	*	*	*	*
Safflower	*	-	-	-	-	-	-	-
Sesame	*	*	*	*	*	-	-	-
Rapeseed	-	-	*	*	-	*	-	*
Vegetables	10,842	7,589	10,850	116,380	466	68,164	*	*
Lettuce	*	-	-	*	-	-	-	-
Head Cabbage	*	*	-	*	*	-	-	-
Ethiopian	-	-	-	-	-	-	-	-
Tomatoes	*	*	*	*	*	*	-	*
Green peppers	432	*	*	22,627	60	*	-	*
Red papers	10,161	7,375	9,137	79,391	*	62,055	*	*
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	5,311	2,120	*	47,885	885	6,911	*	*
Beet root	*	*	-	*	*	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	*	979	*	15,266	*	*	*	*
Potatoes	*	*	*	*	-	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	*	*	*	*	*	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	2,067	739	824	32,540	*	4,740	-	*
Other Temporary	484	282	586	90,619	275	*	-	*
Fruit Crops	1,174	555		84,214	538			
Avocado	*	*		*	*			
Bananas	775	470		54,975	453			
Guava	110	*		13,958	*			
Lemons	*	-		-	-			
Mangos	177	*		*	*			
Oranges	*	*		*	*			
Papayas	*	*		16,782	*			
Pineapples	-	-		-	-			
Stimulant Crops	40,747	16,103		274,341	12,290			
Chat	32,965	12,575		220,613	9,148			
Coffee	7,746	3,520		107,830	3,135			
Hops/'Gesho'	*	*		*	*			
Enset	-	-		-	-			
Sugar Cane	*	*		*	*			
Other	293	101		42,456	101			

(Table 1: cont'd.)

West Hararghe, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	41,948	6,688	10,585	76,554	7,102	62,690	23,098	*	*
Cereals	33,973	*	5,064	71,070	6,279	31,805	20,841	*	*
Teff	*	*	*	*	*	*	*	*	*
Barley	*	*	*	*	*	*	*	*	*
Wheat	*	*	*	*	*	*	*	*	*
Maize	13,404	*	2,516	63,040	4,203	27,339	15,302	*	*
Sorghum	*	*	*	29,976	*	*	*	*	*
Finger millet	-	-	-	*	-	*	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	29,936	*	9,565	*	*	*
Horse/Faba beans	-	-	-	-	-	-	*	*	*
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	*	*	*	18,841	-	7,661	*	*	*
Red Haricot beans	-	-	-	*	-	*	-	-	-
Chick peas	*	*	*	*	*	*	-	-	-
Lentils	*	*	*	-	-	-	*	-	*
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	-	*	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	*	-	*	*	-	*	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	*	*	*	8,922	*	*	*	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	*	*	*	*	-	*	-	-	-
Green peppers	-	-	-	*	*	*	-	-	-
Red papers	*	*	*	6,733	*	*	*	*	*
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	4,531	*	*	*	*	*	*	*	*
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	*	-	*	-	-	-	*	*	*
Potatoes	*	*	*	-	-	-	*	*	*
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	*	*	*	*	-	-	-
Other Temporary	*	*	*	-	-	-	*	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

West Hararghe ,2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	54,179	8,709	34,181	897,827	280,855	159,959	184,845	17,231	13,471
Cereals	47,028	*	18,152	837,604	205,652	125,652	179,248	16,750	13,468
Teff	*	*	*	72,005	8,090	3,165	*	*	*
Barley	*	*	*	113,368	6,737	9,064	-	-	-
Wheat	*	*	*	74,125	*	7,595	*	*	*
Maize	42,138	*	14,543	494,457	24,637	32,137	165,240	15,170	11,007
Sorghum	8,711	*	*	707,991	158,230	72,652	*	*	*
Finger millet	-	-	-	45,698	*	954	-	-	-
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	*	-	*	-	-	-
Pulse	*	*	*	348,120	12,632	31,478	*	-	*
Horse/Faba beans	*	-	*	26,071	*	1,115	-	-	-
Field peas	*	*	*	*	*	*	-	-	-
White Haricot	-	-	-	238,414	5,178	25,202	-	-	-
Red Haricot beans	-	-	-	47,231	*	758	-	-	-
Chick peas	-	-	-	55,441	3,122	2,042	*	-	*
Lentils	*	*	*	32,526	793	*	-	-	-
Vetch/Grass peas	-	-	-	*	*	*	-	-	-
Soya beans	-	-	-	*	-	*	-	-	-
Fenugreek	*	-	*	31,179	*	247	-	-	-
Mung bean/"Masho"	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	*	-	*	-	-	-
Oil Seeds	*	-	*	163,715	3,613	2,829	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	43,173	610	*	-	-	-
Ground nuts	*	-	*	45,645	1,734	*	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	76,672	*	787	-	-	-
Rapeseed	-	-	-	*	-	*	-	-	-
Vegetables	*	*	*	306,344	10,693	-	*	*	-
Lettuce	-	-	-	*	*	-	-	-	-
Head Cabbage	-	-	-	*	*	-	-	-	-
Ethiopian Cabbage	-	-	-	*	-	-	-	-	-
Tomatoes	*	*	*	40,279	*	-	-	-	-
Green peppers	-	-	-	58,698	432	-	-	-	-
Red papers	*	*	*	224,679	10,012	-	*	*	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	173,278	5,278	-	*	*	-
Beet root	-	-	-	*	*	-	-	-	-
Carrot	-	-	-	*	-	-	-	-	-
Onion	*	*	*	59,466	*	-	*	*	-
Potatoes	*	*	*	*	*	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	*	*	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	*	110,482	2,067	-	-	-	-
Other Temporary	4,748	-	*	142,124	484	-	-	-	-
Fruit Crops	*	*	*	179,724	1,173				
Avocado				*	*				
Bananas				99,907	774				
Guava				53,375	110				
Lemons				*	*				
Mangos				42,482	177				
Oranges				*	*				
Papayas				24,951	*				
Pineapples				-	-				
Stimulant Crops	1,552	321	895	676,095	40,448		7,861	*	-
Chat				602,052	32,726				
Coffee				260,920	7,686		*	*	-
Hops/'Gesho'				16,457	*				
Enset				-	-				
Sugar Cane				44,011	*				
Other Permanent				111,066	293				

(Table 1: Cont'd) West Hararghe, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	101,605	7,179	204,838	16,061	274,330	39,940
Cereals	39,649	*	104,263	2,680	250,710	33,575
Teff	*	*	*	*	*	-
Barley	-	-	*	*	13,498	*
Wheat	-	-	*	-	*	*
Maize	22,549	*	61,197	*	220,074	21,098
Sorghum	*	*	62,488	*	79,393	11,650
Finger millet	-	-	*	-	*	*
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	*	-
Pulse	*	*	22,772	*	53,549	*
Horse/Faba beans	-	-	-	-	*	-
Field peas	-	-	*	-	-	-
White Haricot beans	*	-	13,201	-	37,061	*
Red Haricot beans	*	*	*	-	*	-
Chick peas	*	-	*	*	*	*
Lentils	-	-	*	*	*	*
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	*	-
Fenugreek	-	-	*	-	*	-
Mung bean/'Masho"	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	*	*	*	*	16,611	*
Nueg	-	-	-	-	-	-
Linseed	-	-	*	*	*	*
Ground nuts	*	*	-	-	*	*
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	*	-
Rapeseed	-	-	-	-	*	-
Vegetables	*	*	14,619	*	51,382	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	*	*	*	*	*	*
Green peppers	-	-	*	*	*	*
Red papers	*	*	9,597	*	*	*
Swiss chard	-	-	-	-	-	-
Root Crops	*	*	32,355	*	*	*
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	*	*	*	*	*	*
Potatoes	-	-	-	-	*	*
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	*	-	28,181	*	5,413	*
Other Temporary	-	-	*	*	*	*
Fruit Crops	*	-	76,425	583	*	-
Avocado	-	-	*	*	-	-
Bananas	-	-	64,081	560	*	-
Guava	-	-	*	*	-	-
Lemons	-	-	-	-	-	-
Mangos	*	-	*	*	-	-
Oranges	-	-	*	*	-	-
Papayas	-	-	*	*	*	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	74,278	2,885	183,351	11,005	149,698	*
Chat	73,461	2,885	164,153	9,313	126,738	*
Coffee	*	-	*	*	58,665	*
Hops/'Gesho'	-	-	*	*	*	*
Enset	-	-	-	-	-	-
Sugar Cane	*	-	32,128	*	*	-
Other Permanent	-	-	12,476	*	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

East Hararghe

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	355,129	196,028	529,783	876,762	102,187	94,204	*	33,694
Cereals	223,852	119,687	365,178	671,610	63,121	80,545	*	23,251
Teff	*	*	*	25,851	*	*	-	*
Barley	4,666	2,966	3,049	87,539	2,391	*	-	*
Wheat	24,325	12,090	21,368	103,737	3,936	23,471	*	*
Maize	43,078	22,465	171,292	484,012	10,730	59,826	985	8,599
Sorghum	145,777	79,521	166,138	431,454	44,659	49,187	*	10,524
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	*	*	*	*	*	*	*	*
Rice	*	-	-	-	-	-	-	-
Pulse	9,816	2,954	11,953	183,860	2,459	17,400	*	1,058
Horse/Faba beans	*	*	*	32,698	*	*	*	*
Field peas	*	*	*	*	*	-	-	-
White Haricot	*	-	*	43,115	-	*	-	*
Red Haricot beans	*	*	*	53,606	*	*	-	*
Chick peas	*	40	*	6,244	19	-	-	-
Lentils	*	*	*	*	*	*	-	*
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	1,111	610	2,975	61,456	421	*	-	*
Mung bean/'Masho'	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	18,487	*	*	84,443	*	*	-	*
Nueg	-	-	-	-	-	-	-	-
Linseed	*	*	*	22,717	*	*	-	*
Ground nuts	*	*	*	51,936	*	*	-	*
Safflower	-	-	-	-	-	-	-	-
Sesame	*	-	*	*	-	*	-	*
Rapeseed	-	-	-	-	-	-	-	-
Vegetables	*	804	*	58,710	*	*	*	*
Lettuce	-	-	-	*	-	-	-	-
Head Cabbage	*	*	*	*	*	-	-	-
Ethiopian	*	*	*	*	*	-	-	-
Tomatoes	*	*	*	5,725	-	*	*	*
Green peppers	*	*	*	23,979	*	-	-	-
Red papers	*	*	450	25,153	*	*	-	*
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	7,418	3,801	13,963	167,122	2,156	20,970	*	1,447
Beet root	*	*	*	*	*	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	*	*	*	*	*	*	*	*
Potatoes	*	*	5,515	*	*	*	*	*
Yam	*	*	-	*	*	-	-	-
Garlic	*	*	*	34,027	*	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	4,681	1,443	7,160	110,902	1,201	14,205	*	*
Other Temporary	1,666	1,179	*	270,805	1,124	*	-	*
Fruit Crops	2,690	602		172,025	602			
Avocado	*	*		*	*			
Bananas	729	187		96,627	187			
Guava	540	*		30,524	*			
Lemons	23	*		*	*			
Mangos	1,088	*		35,180	*			
Oranges	*	*		5,048	*			
Papayas	*	*		*	*			
Pineapples	-	-		-	-			
Stimulant Crops	88,010	60,595		594,186	27,571			
Chat	80,422	56,231		522,132	23,283			
Coffee	7,584	4,364		201,659	4,288			
Hops/'Gesho'	*	-		-	-			
Enset	-	-		-	-			
Sugar Cane	884	*		9,508	*			
Other	642	*		65,772	*			

(Table 1: cont'd.)

East Hararghe, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	245,628	35,026	147,858	293,045	24,867	257,492	*	*	*
Cereals	235,305	21,823	106,273	281,197	11,326	178,632	*	*	*
Teff	*	*	*	*	-	*	*	*	*
Barley	*	*	*	13,247	*	1,152	*	*	*
Wheat	41,121	2,119	2,512	50,800	3,120	8,514	*	*	*
Maize	168,552	2,592	32,851	231,879	4,678	102,267	*	*	*
Sorghum	171,579	16,644	69,841	138,799	2,772	65,445	*	*	*
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	*	*	212	*	*	*	*	*	*
Rice	-	-	-	-	-	-	-	-	-
Pulse	30,713	192	2,189	50,988	*	8,432	*	-	*
Horse/Faba beans	*	*	*	*	*	*	-	-	-
Field peas	*	-	*	*	-	*	-	-	-
White Haricot beans	*	-	*	*	-	*	-	-	-
Red Haricot beans	8,681	*	741	*	-	*	*	-	*
Chick peas	*	*	*	*	*	*	-	-	-
Lentils	*	-	*	*	-	*	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	14,836	*	*	21,353	*	1,431	*	-	*
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	23,705	*	*	*	-	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	7,675	-	237	9,923	*	336	-	-	-
Ground nuts	*	*	*	*	-	*	*	-	*
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	*	*	*	*	-	*	*	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	-	*	-	-	-
Ethiopian Cabbage	-	-	-	*	-	*	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	*	-	*	*	-	*	*	-	*
Red papers	*	*	*	-	-	-	*	*	*
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	32,848	*	*	36,992	*	7,205	*	*	*
Beet root	*	-	*	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	*	-	*	*	*	*	-	-	-
Potatoes	*	*	*	*	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	-	*	*	-	*	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	14,899	*	*	20,594	*	*	*	*	*
Other Temporary	20,639	*	*	*	-	*	*	-	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

East Hararghe, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	73,132	14,041	*	1,401,977	338,273	236,478	362,488	16,857	23,319
Cereals	73,132	*	34,596	1,312,835	207,387	191,641	349,808	16,466	23,204
Teff	*	-	*	74,820	*	1,955	*	*	*
Barley	*	*	*	174,529	4,666	9,571	-	-	-
Wheat	*	*	*	257,811	16,184	24,003	108,627	8,142	10,751
Maize	67,341	*	*	915,797	35,148	51,731	295,047	7,930	12,282
Sorghum	24,562	*	6,941	1,067,371	145,777	102,185	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	51,568	*	*	-	-	-
Rice	-	-	-	*	*	*	-	-	-
Pulse	*	-	*	376,593	9,735	15,857	5,440	*	*
Horse/Faba beans	-	-	-	63,783	*	*	*	*	*
Field peas	-	-	-	*	*	*	-	-	-
White Haricot	-	-	-	90,320	*	*	-	-	-
Red Haricot beans	*	-	*	104,187	*	1,425	-	-	-
Chick peas	-	-	-	28,825	*	*	*	*	*
Lentils	-	-	-	29,332	*	230	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	147,675	1,111	1,196	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibbo	-	-	-	-	-	-	-	-	-
Oil Seeds	*	-	*	298,115	18,487	28,980	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	*	-	*	88,211	*	596	-	-	-
Ground nuts	*	-	*	199,099	*	28,202	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	*	*	*	-	-	-
Rapeseed	-	-	-	*	-	*	-	-	-
Vegetables	*	*	*	116,971	*	-	*	*	-
Lettuce	-	-	-	*	-	-	-	-	-
Head Cabbage	*	-	*	*	*	-	*	-	-
Ethiopian Cabbage	-	-	-	*	*	-	-	-	-
Tomatoes	-	-	-	5,725	-	-	*	*	-
Green peppers	-	-	-	52,433	*	-	-	-	-
Red papers	*	*	*	52,006	*	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	373,609	7,189	-	*	*	-
Beet root	-	-	-	*	*	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	19,437	*	-	*	*	-
Potatoes	*	*	*	49,461	*	-	-	-	-
Yam	-	-	-	*	*	-	-	-	-
Garlic	*	*	*	50,683	*	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	*	-	*	291,178	4,681	-	*	-	-
Other Temporary	-	-	-	403,315	1,666	-	-	-	-
Fruit Crops	62,905	*	*	436,714	2,688				
Avocado				35,909	*				
Bananas				186,979	729				
Guava				162,295	539				
Lemons				19,231	23				
Mangos				185,902	1,087				
Oranges				15,486	*				
Papayas				66,366	*				
Pineapples				-	-				
Stimulant Crops	13,298	975	4,353	1,322,996	87,959		6,220	*	-
Chat				1,306,353	80,370				
Coffee				329,543	7,584		*	-	-
Hops/'Gesho'				*	*				
Enset				-	-				
Sugar Cane				35,256	884				
Other Permanent				210,823	642				

(Table 1: Cont'd) **East Hararghe, 2016/17**

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	94,826	5,980	352,372	25,161	591,778	52,563
Cereals	*	*	276,884	*	581,861	27,554
Teff	-	-	*	-	*	*
Barley	*	*	*	-	31,079	*
Wheat	*	*	*	*	106,544	4,174
Maize	*	*	200,959	*	484,659	11,826
Sorghum	*	*	105,926	1,346	272,156	11,208
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	*	-
Rice	-	-	-	-	-	-
Pulse	*	*	19,363	*	74,945	*
Horse/Faba beans	*	*	*	-	*	*
Field peas	-	-	-	-	*	-
White Haricot beans	-	-	*	-	*	-
Red Haricot beans	-	-	5,376	-	29,732	-
Chick peas	-	-	*	*	*	*
Lentils	-	-	-	-	*	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	*	*	31,542	*
Mung bean/'Masho"	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	*	-	*	*
Nueg	-	-	-	-	-	-
Linseed	-	-	*	-	17,856	-
Ground nuts	-	-	*	-	*	*
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	-	-	15,680	*	15,992	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	*	-	*	-
Ethiopian Cabbage	-	-	*	-	*	-
Tomatoes	-	-	*	*	*	*
Green peppers	-	-	*	*	*	-
Red papers	-	-	*	-	*	*
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	71,512	1,217	67,161	*
Beet root	-	-	*	*	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	*	*	*	*
Potatoes	-	-	*	*	*	*
Yam	-	-	-	-	-	-
Garlic	-	-	*	*	7,913	*
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	47,855	*	49,403	*
Other Temporary	*	-	37,937	*	72,293	*
Fruit Crops	-	-	89,479	349	*	-
Avocado	-	-	*	*	-	-
Bananas	-	-	69,293	259	*	-
Guava	-	-	9,584	*	-	-
Lemons	-	-	*	*	-	-
Mangos	-	-	14,722	*	*	-
Oranges	-	-	7,522	*	-	-
Papayas	-	-	17,216	*	*	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	77,918	*	335,775	17,585	489,701	23,725
Chat	77,918	*	308,587	14,623	482,362	23,593
Coffee	-	-	118,828	2,962	48,820	*
Hops/'Gesho'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	21,740	*	-	-
Other Permanent	-	-	9,789	*	7,436	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Bale

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	421,493	220,027	239,633	66,666	16,994	70,598	69,167	62,365
Cereals	317,224	198,901	227,223	37,201	10,409	65,754	62,571	56,303
Teff	50,948	*	3,940	8,822	2,658	*	*	*
Barley	44,930	24,942	18,611	4,107	*	19,379	12,070	7,889
Wheat	166,539	150,167	195,336	3,595	*	48,751	43,486	43,154
Maize	33,952	5,826	3,126	24,488	3,042	7,470	*	955
Sorghum	6,736	*	*	*	*	*	*	*
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	14,120	6,907	5,851	*	*	15,375	3,739	2,796
Rice	-	-	-	-	-	-	-	-
Pulse	40,287	8,731	4,420	15,193	2,516	14,188	3,229	2,152
Horse/Faba beans	15,347	2,822	1,432	2,113	*	5,116	1,242	*
Field peas	9,562	1,937	709	1,736	*	*	*	*
White Haricot	4,026	*	*	*	*	*	-	*
Red Haricot beans	*	*	-	*	*	-	-	-
Chick peas	*	-	-	-	-	-	-	-
Lentils	4,430	1,359	880	*	*	*	*	*
Vetch/Grass peas	*	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	*	*	*	-	*
Mung bean/'Masho"	*	*	*	-	-	*	*	*
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	19,643	*	*	*	*	-	-	-
Nueg	*	-	-	-	-	-	-	-
Linseed	13,655	*	*	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	*	*	*	*	*	-	-	-
Rapeseed	*	*	-	*	*	-	-	-
Vegetables	4,702	*	*	9,340	263	5,410	*	*
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	281	*	*	-	-	*	*	*
Ethiopian	581	*	*	*	*	*	*	*
Tomatoes	*	*	-	*	*	-	-	-
Green peppers	*	*	*	*	*	-	-	-
Red papers	3,664	*	*	*	*	*	*	*
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	2,997	*	*	6,141	110	*	*	*
Beet root	*	*	-	*	*	-	-	-
Carrot	82	*	*	*	*	*	*	*
Onion	*	*	*	*	*	-	-	-
Potatoes	*	*	*	1,579	*	*	*	*
Yam	-	-	-	-	-	-	-	-
Garlic	*	*	*	*	*	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	-	*	*	-	-	-
Other Temporary	*	*	*	5,078	*	*	*	*
Fruit Crops	607	*	*	*	*			
Avocado	-	-	-	-	-			
Bananas	346	*	*	*	*			
Guava	*	-	-	-	-			
Lemons	-	-	-	-	-			
Mangos	148	15	*	*	14			
Oranges	*	*	*	*	*			
Papayas	65	*	*	*	*			
Pineapples	-	-	-	-	-			
Stimulant Crops	23,979	1,940	*	15,751	1,827			
Chat	6,166	*	*	*	*			
Coffee	17,547	*	*	9,502	*			
Hops/'Gesho'	*	*	*	*	*			
Enset	*	*	*	*	*			
Sugar Cane	*	*	*	*	*			
Other	*	*	*	*	*			

(Table 1: cont'd.)

Bale, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	7,358	3,452	2,083	21,128	35,159	*	66,090	72,562	65,858
Cereals	5,074	*	1,378	20,734	34,194	*	64,104	67,306	61,649
Teff	*	*	*	*	*	*	*	*	*
Barley	*	*	*	*	*	*	16,753	8,350	5,618
Wheat	*	*	*	19,313	*	*	57,394	53,537	51,654
Maize	1,391	*	*	*	*	*	4,187	749	521
Sorghum	-	-	-	-	-	-	*	*	*
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	*	-	*	*	*	*	10,585	2,621	2,241
Rice	-	-	-	-	-	-	-	-	-
Pulse	2,540	794	481	*	*	*	6,136	1,943	1,426
Horse/Faba beans	*	*	*	*	*	*	*	*	*
Field peas	*	*	*	-	-	-	*	*	*
White Haricot beans	-	-	-	-	-	-	*	-	*
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	*	*	*	-	-	-	*	*	*
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	*	*	*
Mung bean/'Masho'	*	*	*	*	*	*	*	*	*
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	*	*	*	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	*	*	*
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	*	*	*	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	*	*	*	*	*	*	*	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	*	*	*	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	*	*	*	-	-	-
Red papers	*	*	*	*	*	*	*	*	*
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	-	-	-	*	*	*
Beet root	-	-	-	-	-	-	-	-	-
Carrot	*	*	*	-	-	-	-	-	-
Onion	-	-	-	-	-	-	*	*	*
Potatoes	*	*	*	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	*	*	*	*	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Bale, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	16,818	*	*	353,104	414,884	577,571	21,407	6,609	11,985
Cereals	*	*	*	315,598	311,049	525,527	16,272	6,176	11,917
Teff	*	*	*	118,239	50,862	21,494	*	*	*
Barley	*	*	*	90,964	44,930	77,091	-	-	-
Wheat	*	*	*	161,143	161,200	377,821	13,235	5,339	11,578
Maize	*	*	*	162,467	33,339	19,953	*	*	*
Sorghum	-	-	-	29,627	6,598	3,137	*	*	*
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	*	*	*	54,120	14,120	26,031	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	134,208	40,124	42,230	*	*	*
Horse/Faba beans	-	-	-	49,928	15,347	17,212	-	-	-
Field peas	-	-	-	38,481	9,562	11,746	-	-	-
White Haricot	-	-	-	30,314	3,863	2,501	*	*	*
Red Haricot beans	-	-	-	5,481	*	*	-	-	-
Chick peas	-	-	-	*	*	*	-	-	-
Lentils	-	-	-	26,946	4,430	4,961	-	-	-
Vetch/Grass peas	-	-	-	*	*	*	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	12,888	*	*	*	-	*
Mung bean/'Masho'	-	-	-	25,131	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	43,678	19,643	9,815	-	-	-
Nueg	-	-	-	*	*	*	-	-	-
Linseed	-	-	-	27,202	13,655	9,027	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	11,738	*	755	-	-	-
Rapeseed	-	-	-	*	*	*	-	-	-
Vegetables	*	*	*	53,708	4,622	-	*	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	*	-	*	*	-
Ethiopian Cabbage	-	-	-	27,362	581	-	-	-	-
Tomatoes	-	-	-	*	*	-	-	-	-
Green peppers	-	-	-	*	*	-	-	-	-
Red papers	*	*	*	23,343	3,638	-	*	*	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	32,701	2,997	-	-	-	-
Beet root	-	-	-	*	*	-	-	-	-
Carrot	-	-	-	3,329	82	-	-	-	-
Onion	-	-	-	6,953	*	-	-	-	-
Potatoes	-	-	-	14,870	*	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	5,529	*	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	*	*	-	-	-	-
Other Temporary	*	*	*	41,158	*	-	*	*	-
Fruit Crops				41,984	596				
Avocado				-	-				
Bananas				22,034	341				
Guava				*	*				
Lemons				-	-				
Mangos				21,306	146				
Oranges				*	*				
Papayas				8,614	63				
Pineapples				-	-				
Stimulant Crops	-	-	-	90,534	23,805		2,155	*	-
Chat				43,938	6,166				
Coffee				49,563	17,375		*	*	-
Hops/'Gesho'				14,349	*				
Enset				*	*				
Sugar Cane				*	*				
Other Permanent				3,614	*				

(Table 1: Cont'd) Bale, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	218,811	231,084	13,889	2,469	174,412	197,275
Cereals	212,745	217,266	6,404	852	170,642	188,909
Teff	67,436	31,636	*	*	44,510	25,290
Barley	54,720	26,261	*	-	46,997	23,662
Wheat	137,863	144,934	1,563	*	120,544	127,794
Maize	16,560	*	*	*	24,175	5,718
Sorghum	*	*	*	-	2,434	*
Finger millet	-	-	-	-	-	-
Oats/'Aja'	35,803	9,511	-	-	24,944	5,798
Rice	-	-	-	-	-	-
Pulse	23,657	8,785	3,131	*	20,771	5,187
Horse/Faba beans	8,815	2,426	-	-	7,451	1,864
Field peas	8,926	2,692	*	*	4,028	997
White Haricot beans	*	*	*	-	*	*
Red Haricot beans	-	-	-	-	-	-
Chick peas	-	-	-	-	*	*
Lentils	*	*	*	*	*	*
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	*	*	*	*	*	*
Mung bean/'Masho'	*	*	*	*	*	*
Gibto	-	-	-	-	-	-
Oil Seeds	3,192	1,273	*	*	*	*
Nueg	-	-	-	-	-	-
Linseed	*	*	*	*	*	*
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	*	*	-	-	*	*
Rapeseed	-	-	-	-	*	*
Vegetables	*	*	*	*	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	*	*	*	*
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	*	*	*	*	*	*
Green peppers	-	-	-	-	-	-
Red papers	*	*	-	-	*	*
Swiss chard	-	-	-	-	-	-
Root Crops	4,930	601	*	*	*	*
Beet root	*	*	-	-	-	-
Carrot	-	-	-	-	*	*
Onion	*	*	*	*	*	*
Potatoes	*	*	-	-	*	*
Yam	-	-	-	-	-	-
Garlic	2,306	*	-	-	*	*
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	*	*	*	*
Other Temporary	3,452	*	-	-	*	*
Fruit Crops	*	*	*	*	*	*
Avocado	-	-	-	-	-	-
Bananas	*	*	*	*	*	*
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	*	*	*	*	-	-
Oranges	*	*	*	*	*	*
Papayas	*	*	*	*	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	4,543	*	*	*	*	*
Chat	2,603	*	5,600	*	*	-
Coffee	*	*	*	*	*	*
Hops/'Gesho'	*	*	-	-	*	*
Enset	-	-	-	-	-	-
Sugar Cane	*	*	*	*	-	-
Other Permanent	-	-	-	-	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Borena

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	70,320	30,367	*	123,612	29,819	-	-	-
Cereals	17,974	5,185	*	39,803	4,637	-	-	-
Teff	3,836	*	*	*	518	-	-	-
Barley	*	*	-	*	*	-	-	-
Wheat	*	*	-	*	*	-	-	-
Maize	10,534	2,972	-	26,382	2,972	-	-	-
Sorghum	*	*	-	*	*	-	-	-
Finger millet	*	*	-	*	*	-	-	-
Oats/'Aja'	*	*	-	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	9,961	3,236	-	40,242	3,236	-	-	-
Horse/Faba beans	*	*	-	*	*	-	-	-
Field peas	*	-	-	-	-	-	-	-
White Haricot	*	*	-	8,630	*	-	-	-
Red Haricot beans	8,947	2,849	-	32,635	2,849	-	-	-
Chick peas	*	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	*	*	-	*	*	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Mung bean/'Masho"	*	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	*	*	-	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	*	*	-	*	*	-	-	-
Vegetables	784	532	-	41,992	532	-	-	-
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-
Ethiopian Cabbage	470	287	-	29,848	287	-	-	-
Tomatoes	*	*	-	*	*	-	-	-
Green peppers	156	101	-	10,346	101	-	-	-
Red papers	*	*	-	*	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	789	*	-	23,195	*	-	-	-
Beet root	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-
Potatoes	*	*	-	*	*	-	-	-
Yam	*	*	-	*	*	-	-	-
Garlic	-	-	-	-	-	-	-	-
Taro/'Godere'	*	*	-	13,666	*	-	-	-
Sweet potatoes	281	*	-	*	*	-	-	-
Other Temporary	350	163	-	18,694	163	-	-	-
Fruit Crops	1,778	1,046	-	46,163	1,046	-	-	-
Avocado	400	229	-	19,456	229	-	-	-
Bananas	1,343	801	-	29,302	801	-	-	-
Guava	-	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-	-
Mangos	*	*	-	*	*	-	-	-
Oranges	*	-	-	-	-	-	-	-
Papayas	*	*	-	*	*	-	-	-
Pineapples	-	-	-	-	-	-	-	-
Stimulant Crops	24,171	11,891	-	76,554	11,891	-	-	-
Chat	*	*	-	*	*	-	-	-
Coffee	22,051	11,206	-	70,286	11,206	-	-	-
Hops/'Gesho'	*	*	-	*	*	-	-	-
Enset	14,106	7,566	-	75,730	7,566	-	-	-
Sugar Cane	339	167	-	6,467	167	-	-	-
Other	*	*	-	3,809	*	-	-	-

(Table 1: cont'd.)

Borena, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	*	*	*	-	-	-
Cereals	-	-	-	*	*	*	-	-	-
Teff	-	-	-	*	*	*	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Borena, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	198,304	69,422	22,244	*	*	*
Cereals	-	-	-	96,364	17,152	14,154	*	*	*
Teff	-	-	-	25,395	3,836	*	-	-	-
Barley	-	-	-	*	*	*	-	-	-
Wheat	-	-	-	*	*	*	*	*	-
Maize	-	-	-	72,407	9,815	7,212	*	*	*
Sorghum	-	-	-	*	*	*	-	-	-
Finger millet	-	-	-	-	-	-	*	*	*
Oats/'Aja'	-	-	-	*	*	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	96,045	9,956	8,090	*	*	*
Horse/Faba beans	-	-	-	*	*	*	-	-	-
Field peas	-	-	-	*	*	*	-	-	-
White Haricot	-	-	-	13,281	*	*	*	*	*
Red Haricot beans	-	-	-	81,033	8,947	7,417	-	-	-
Chick peas	-	-	-	*	*	*	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/"Masho"	-	-	-	*	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	*	*	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	*	*	-	-	-	-
Vegetables	-	-	-	65,719	780	-	*	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	50,105	466	-	*	*	-
Tomatoes	-	-	-	1,425	*	-	-	-	-
Green peppers	-	-	-	15,649	156	-	-	-	-
Red papers	-	-	-	*	*	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	34,627	789	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	*	*	-	-	-	-
Yam	-	-	-	*	*	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	15,552	*	-	-	-	-
Sweet potatoes	-	-	-	16,316	281	-	-	-	-
Other Temporary	-	-	-	30,497	350	-	-	-	-
Fruit Crops				72,274	1,775				
Avocado				31,370	400				
Bananas				49,854	1,341				
Guava				-	-				
Lemons				-	-				
Mangos				*	*				
Oranges				*	*				
Papayas				*	*				
Pineapples				-	-				
Stimulant Crops	-	-	-	125,510	24,146		*	*	-
Chat				*	*				
Coffee				117,307	22,025		*	*	-
Hops/'Gesho'				1,735	*				
Enset				124,736	14,068				
Sugar Cane				11,392	339				
Other Permanent				5,478	*				

(Table 1: Cont'd) Borena, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	*	*	1,658	*	2,743	*
Cereals	*	*	-	-	-	-
Teff	-	-	-	-	-	-
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	*	*	-	-	-	-
Sorghum	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	*	*	-	-	*	*
Horse/Faba beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	*	*	-	-	*	*
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	-	-	*	*	-	-
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	*	*	-	-
Tomatoes	-	-	*	*	-	-
Green peppers	-	-	-	-	-	-
Red papers	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-
Fruit Crops	*	*	-	-	*	*
Avocado	*	*	-	-	-	-
Bananas	-	-	-	-	*	*
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	-	-	-	-	-	-
Oranges	-	-	-	-	-	-
Papayas	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	*	*	*	*
Chat	-	-	-	-	-	-
Coffee	*	*	*	*	*	*
Hops/'Gesho'	-	-	-	-	-	-
Enset	-	-	*	*	-	-
Sugar Cane	-	-	-	-	-	-
Other Permanent	-	-	-	-	-	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

S.West Shewa

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	402,646	322,447	547,036	268,051	24,661	57,556	21,416	19,074
Cereals	291,563	277,598	499,437	94,329	5,231	46,395	16,752	14,504
Teff	158,590	155,186	274,556	2,741	*	*	*	*
Barley	27,939	27,541	36,425	11,174	1,214	*	*	*
Wheat	72,356	71,799	158,022	3,245	*	13,540	2,252	2,671
Maize	26,966	22,778	27,855	82,373	3,349	16,816	2,532	*
Sorghum	5,471	*	*	2,302	*	*	*	*
Finger millet	*	*	*	-	-	-	-	-
Oats/'Aja'	*	*	-	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	84,041	25,531	27,922	48,357	3,888	25,067	4,586	4,494
Horse/Faba beans	19,148	13,192	13,597	37,477	2,000	18,181	2,427	2,712
Field peas	7,399	7,053	8,794	*	*	*	*	*
White Haricot	*	*	*	*	*	*	*	*
Red Haricot beans	*	*	-	*	*	-	-	-
Chick peas	35,065	*	*	*	*	*	*	*
Lentils	8,565	2,923	2,619	*	*	*	*	*
Vetch/Grass peas	11,966	*	*	*	*	-	-	-
Soya beans	-	-	*	-	-	-	-	-
Fenugreek	213	*	-	*	*	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	6,983	643	857	19,195	228	*	*	*
Nueg	2,648	*	*	-	-	-	-	-
Linseed	4,152	*	*	*	*	*	*	*
Ground nuts	*	*	-	*	*	-	-	-
Safflower	*	*	*	*	*	*	*	*
Sesame	-	-	-	-	-	-	-	-
Rapeseed	153	*	*	16,935	*	-	-	-
Vegetables	3,697	*	*	145,054	585	*	*	*
Lettuce	*	-	-	-	-	-	-	-
Head Cabbage	6	4	-	3,515	4	-	-	-
Ethiopian	465	349	*	93,313	347	-	-	-
Tomatoes	*	*	*	*	*	-	-	-
Green peppers	216	152	*	78,369	138	-	-	-
Red papers	*	*	*	*	*	*	*	*
Swiss chard	*	*	-	*	*	-	-	-
Root Crops	1,066	833	*	86,915	388	*	*	*
Beet root	*	*	*	24,256	*	-	-	-
Carrot	*	*	-	3,750	*	-	-	-
Onion	*	*	*	15,740	30	-	-	-
Potatoes	189	144	*	8,236	114	-	-	-
Yam	*	*	-	*	*	-	-	-
Garlic	234	185	*	56,086	99	*	*	*
Taro/'Godere'	*	*	-	*	*	-	-	-
Sweet potatoes	*	*	-	*	*	-	-	-
Other Temporary	674	342	*	72,109	304	*	*	*
Fruit Crops	261	200		48,862	200			
Avocado	66	42		23,594	42			
Bananas	128	*		23,290	*			
Guava	*	*		*	*			
Lemons	11	*		*	*			
Mangos	*	*		11,526	*			
Oranges	*	*		*	*			
Papayas	7	5		*	4			
Pineapples	-	-		-	-			
Stimulant Crops	2,747	2,491		105,911	2,490			
Chat	*	*		51,168	*			
Coffee	493	445		46,897	444			
Hops/'Gesho'	313	195		73,349	195			
Enset	11,387	11,181		180,731	11,179			
Sugar Cane	*	*		13,523	*			
Other	138	88		43,993	88			

(Table 1: cont'd.)

S.West Shewa, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	10,917	1,381	896	102,791	78,388	140,471	67,579	27,104	37,278
Cereals	6,746	999	605	101,152	74,225	121,606	50,195	17,300	25,672
Teff	2,530	708	349	77,696	37,695	57,056	13,844	5,996	*
Barley	*	*	*	25,256	7,496	11,506	24,823	6,822	7,734
Wheat	*	*	*	54,525	17,596	36,345	18,132	3,990	7,242
Maize	1,649	*	*	36,685	11,317	*	11,515	491	466
Sorghum	*	*	*	*	*	*	-	-	-
Finger millet	-	-	-	*	*	*	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	18,825	2,053	4,491	42,151	9,736	11,148
Horse/Faba beans	*	*	*	11,861	1,050	1,527	27,596	5,319	6,091
Field peas	-	-	-	*	*	*	18,486	3,371	4,408
White Haricot beans	-	-	-	*	*	*	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	*	*	*	*	*	*
Lentils	*	*	*	4,198	*	428	*	*	*
Vetch/Grass peas	-	-	-	-	-	-	*	*	*
Soya beans	-	-	-	*	-	*	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	*	*	*	*	*	*
Nueg	-	-	-	*	*	*	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	*	*	*
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	*	*	*	-	-	-	*	*	*
Vegetables	*	*	*	*	*	*	*	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	*	*	*	*	*	*	*	*	*
Tomatoes	-	-	-	*	*	*	-	-	-
Green peppers	*	*	*	*	*	*	*	*	*
Red papers	*	*	*	*	*	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	1,768	*	*	*	*	*	5,751	48	*
Beet root	*	*	*	*	*	*	*	*	*
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	*	*	*	*	*	*
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	-	-	-	4,434	20	*
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	*	*	*	*	*	*	*	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

S. West Shewa, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	171,163	169,497	349,316	374,718	385,191	442,812	67,985	17,455	7,559
Cereals	167,393	163,091	337,050	329,645	274,705	310,946	54,630	16,858	6,715
Teff	141,592	103,924	202,606	239,218	158,157	98,351	*	*	*
Barley	26,173	6,555	11,502	98,425	27,250	50,370	*	*	*
Wheat	108,961	47,596	111,739	196,740	71,415	153,005	3,655	941	1,906
Maize	27,516	5,016	11,196	164,933	12,172	7,890	48,939	14,794	3,154
Sorghum	*	-	*	29,542	5,471	1,169	-	-	-
Finger millet	-	-	-	*	*	*	-	-	-
Oats/'Aja'	-	-	-	1,734	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	23,699	5,059	7,667	255,414	83,546	128,760	3,318	*	795
Horse/Faba beans	14,076	2,325	3,207	156,744	18,829	36,227	*	*	*
Field peas	7,668	1,507	2,088	44,922	7,399	13,830	-	-	-
White Haricot	-	-	-	*	*	*	-	-	-
Red Haricot beans	-	-	-	5,288	*	*	-	-	-
Chick peas	*	*	*	94,868	34,889	50,865	*	*	*
Lentils	5,019	*	*	53,795	8,565	6,437	-	-	-
Vetch/Grass peas	*	*	*	72,382	11,966	21,132	-	-	-
Soya beans	-	-	-	*	-	*	-	-	-
Fenugreek	-	-	-	8,135	213	109	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	57,799	6,946	3,106	*	*	*
Nueg	-	-	-	9,188	2,648	280	-	-	-
Linseed	*	*	*	15,620	4,115	2,726	*	*	*
Ground nuts	-	-	-	*	*	-	-	-	-
Safflower	*	*	*	*	*	*	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	*	*	*	29,038	153	78	-	-	-
Vegetables	*	*	*	193,263	3,696	-	*	*	-
Lettuce	-	-	-	*	*	-	-	-	-
Head Cabbage	-	-	-	3,963	6	-	*	*	-
Ethiopian Cabbage	-	-	-	115,245	465	-	-	-	-
Tomatoes	-	-	-	3,013	*	-	-	-	-
Green peppers	*	*	*	101,142	216	-	-	-	-
Red papers	*	*	*	*	*	-	-	-	-
Swiss chard	-	-	-	16,078	*	-	*	*	-
Root Crops	*	*	*	125,922	1,065	-	*	*	-
Beet root	*	*	*	31,115	*	-	*	*	-
Carrot	-	-	-	2,986	*	-	*	*	-
Onion	2,026	*	*	19,062	*	-	-	-	-
Potatoes	-	-	-	13,216	189	-	-	-	-
Yam	-	-	-	*	*	-	-	-	-
Garlic	*	*	*	85,600	234	-	-	-	-
Taro/'Godere'	-	-	-	*	*	-	-	-	-
Sweet potatoes	-	-	-	3,240	*	-	-	-	-
Other Temporary	-	-	-	107,047	674	-	-	-	-
Fruit Crops	*	*	*	65,618	256				
Avocado				34,145	61				
Bananas				29,420	128				
Guava				*	*				
Lemons				9,125	11				
Mangos				14,138	*				
Oranges				10,032	*				
Papayas				9,550	7				
Pineapples				-	-				
Stimulant Crops	-	-	-	139,383	2,691		*	*	-
Chat				62,316	*				
Coffee				46,924	437		*	*	-
Hops/'Gesho'				104,794	313				
Enset				193,719	11,387				
Sugar Cane				20,325	*				
Other Permanent				67,384	136				

(Table 1: Cont'd) S.West Shewa, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	270,734	236,852	19,863	750	71,464	32,369
Cereals	266,573	221,818	*	*	64,043	29,894
Teff	209,163	135,180	-	-	*	*
Barley	59,699	18,482	-	-	*	*
Wheat	170,040	66,800	-	-	10,582	2,418
Maize	13,639	1,189	*	*	47,314	15,222
Sorghum	*	*	-	-	-	-
Finger millet	*	*	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	39,815	13,646	*	*	6,938	770
Horse/Faba beans	7,448	767	-	-	6,162	654
Field peas	2,964	615	-	-	-	-
White Haricot beans	*	*	-	-	-	-
Red Haricot beans	-	-	-	-	-	-
Chick peas	23,834	9,395	*	*	*	*
Lentils	11,918	1,922	*	*	-	-
Vetch/Grass peas	8,353	856	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	*	*	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	6,723	*	-	-	*	*
Nueg	-	-	-	-	-	-
Linseed	*	*	-	-	*	*
Ground nuts	-	-	-	-	-	-
Safflower	*	*	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	*	*	-	-	*	*
Vegetables	*	*	8,277	30	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	*	*	*	*	-	-
Ethiopian Cabbage	-	-	3,110	*	-	-
Tomatoes	-	-	*	*	*	*
Green peppers	*	*	6,093	11	-	-
Red papers	-	-	*	-	*	*
Swiss chard	-	-	*	*	-	-
Root Crops	5,653	*	6,779	*	*	*
Beet root	*	*	2,227	*	-	-
Carrot	-	-	*	*	-	-
Onion	*	*	*	*	-	-
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	4,409	*	4,061	*	*	*
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	*	*	*	*	*	*
Fruit Crops	-	-	7,406	*	*	*
Avocado	-	-	2,987	*	-	-
Bananas	-	-	5,161	*	*	*
Guava	-	-	-	-	-	-
Lemons	-	-	*	*	-	-
Mangos	-	-	*	*	-	-
Oranges	-	-	-	-	-	-
Papayas	-	-	*	*	*	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	11,591	180	4,490	*
Chat	*	*	*	*	-	-
Coffee	-	-	7,843	*	*	*
Hops/'Gesho'	*	*	5,960	*	*	*
Enset	*	*	*	*		
Sugar Cane	-	-	6,101	*	*	*
Other Permanent	-	-	3,161	*	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Guji

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	160,777	44,469	17,842	113,084	23,335	25,804	16,345	13,209
Cereals	87,668	25,549	10,756	52,082	10,273	19,960	12,404	8,456
Teff	19,650	4,600	1,967	*	*	6,288	*	*
Barley	20,982	10,119	2,977	*	*	8,318	3,225	2,223
Wheat	*	*	*	*	*	*	*	*
Maize	43,340	10,320	5,017	29,393	2,840	8,145	*	*
Sorghum	-	-	-	*	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	35,197	10,272	5,818	31,753	5,527	10,948	3,569	4,474
Horse/Faba beans	11,264	5,239	4,373	14,080	1,612	*	*	*
Field peas	2,322	*	*	*	*	*	*	*
White Haricot	*	*	-	*	*	-	-	-
Red Haricot beans	15,939	*	*	13,196	*	*	*	*
Chick peas	*	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	*	*	-	*	*	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	*	-	-	-	-	-	-	-
Mung bean/'Masho"	*	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	*	*	-	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	*	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	*	*	-	*	*	-	-	-
Vegetables	3,020	2,091	*	58,639	1,174	*	*	*
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	*	*	*	*	*
Ethiopian	1,637	853	*	58,247	840	*	*	*
Tomatoes	-	-	-	-	-	-	-	-
Green peppers	*	*	*	*	*	*	*	*
Red papers	*	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	566	*	*	*	*	*	*	*
Beet root	*	*	-	*	*	-	-	-
Carrot	*	*	*	*	*	*	*	*
Onion	*	-	-	-	-	-	-	-
Potatoes	310	*	*	*	*	-	-	-
Yam	*	-	-	-	-	-	-	-
Garlic	*	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	*	-	-	-	-	-	-	-
Other Temporary	*	*	-	*	*	-	-	-
Fruit Crops	760	*		7,126	*			
Avocado	265	*		*	*			
Bananas	489	*		*	*			
Guava	-	-		-	-			
Lemons	*	-		-	-			
Mangos	-	-		*	-			
Oranges	-	-		-	-			
Papayas	*	*		*	*			
Pineapples	-	-		-	-			
Stimulant Crops	22,090	*		15,628	*			
Chat	*	-		*	-			
Coffee	20,073	*		14,996	*			
Hops/'Gesho'	-	-		-	-			
Enset	9,458	3,093		68,655	3,093			
Sugar Cane	*	*		3,552	*			
Other	*	*		*	*			

(Table 1: cont'd.)

Guji, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	4,140	*	*	*	*	*	*	*	*
Cereals	2,919	*	*	-	-	-	*	*	*
Teff	*	*	*	-	-	-	-	-	-
Barley	-	-	-	-	-	-	*	*	*
Wheat	*	-	*	-	-	-	*	*	*
Maize	*	*	*	-	-	-	*	*	*
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	-	-	-	*	*	*
Horse/Faba beans	*	*	*	-	-	-	*	*	*
Field peas	-	-	-	-	-	-	*	-	*
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	*	*	*	-	-	-	*	-	*
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	*	*	*	*	*	*	*	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	*	*	*	*	*
Ethiopian Cabbage	*	*	*	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	*	*	*	*	*	*
Beet root	-	-	-	-	-	-	-	-	-
Carrot	*	*	*	*	*	*	*	*	*
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	*	*	*
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Guji, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	312,831	148,656	70,259	36,427	12,122	4,961
Cereals	*	*	*	203,760	78,395	44,850	13,557	9,273	3,186
Teff	-	-	-	49,620	18,334	8,521	*	*	*
Barley	*	*	*	60,985	20,741	17,399	*	*	*
Wheat	*	*	*	10,030	*	3,262	*	*	*
Maize	-	-	-	142,115	35,733	15,668	11,510	*	2,044
Sorghum	-	-	-	*	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	147,951	34,303	25,377	*	*	*
Horse/Faba beans	-	-	-	53,424	10,677	10,386	*	*	*
Field peas	-	-	-	14,231	2,322	1,831	-	-	-
White Haricot	-	-	-	20,787	*	*	*	*	*
Red Haricot beans	-	-	-	71,880	15,666	9,060	*	*	*
Chick peas	-	-	-	*	*	*	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	*	*	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	*	*	*	-	-	-
Mung bean/'Masho'	-	-	-	*	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	4,419	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	*	*	*	-	-	-
Vegetables	-	-	-	128,688	2,359	-	*	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	*	-	*	*	-
Ethiopian Cabbage	-	-	-	123,870	1,636	-	*	*	-
Tomatoes	-	-	-	*	-	-	-	-	-
Green peppers	-	-	-	10,799	*	-	-	-	-
Red papers	-	-	-	*	*	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	23,158	438	-	*	*	-
Beet root	-	-	-	*	*	-	*	*	-
Carrot	-	-	-	*	*	-	*	*	-
Onion	-	-	-	*	*	-	-	-	-
Potatoes	-	-	-	14,547	310	-	-	-	-
Yam	-	-	-	*	*	-	-	-	-
Garlic	-	-	-	*	*	-	-	-	-
Taro/'Godere'	-	-	-	*	-	-	-	-	-
Sweet potatoes	-	-	-	4,799	*	-	-	-	-
Other Temporary	-	-	-	48,517	*	-	-	-	-
Fruit Crops				56,483	759				
Avocado				31,922	265				
Bananas				32,338	488				
Guava				*	-				
Lemons				*	*				
Mangos				*	-				
Oranges				*	-				
Papayas				1,580	*				
Pineapples				-	-				
Stimulant Crops	-	-	-	135,378	20,929		16,031	1,161	-
Chat				13,007	*				
Coffee				131,608	18,912		15,577	1,161	-
Hops/'Gesho'				-	-				
Enset				232,645	9,458				
Sugar Cane				20,425	*				
Other Permanent				13,095	*				

(Table 1: Cont'd) Guji, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	*	*	*	*	18,722	10,256
Cereals	*	*	*	-	11,696	7,076
Teff	*	*	-	-	*	*
Barley	*	*	-	-	*	*
Wheat	*	*	-	-	*	*
Maize	*	-	*	-	8,626	*
Sorghum	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	*	*	*	-	*	*
Horse/Faba beans	-	-	-	-	*	*
Field peas	-	-	-	-	-	-
White Haricot beans	-	-	-	-	*	-
Red Haricot beans	*	*	*	-	*	*
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	-	-	*	*	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	*	*
Ethiopian Cabbage	-	-	-	-	*	*
Tomatoes	-	-	-	-	-	-
Green peppers	-	-	*	*	-	-
Red papers	-	-	-	-	*	*
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	-	-	*	*
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	-	-	-	-
Potatoes	-	-	-	-	*	*
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	*	*
Other Temporary	-	-	-	-	-	-
Fruit Crops	-	-	*	*	1,528	*
Avocado	-	-	-	-	*	*
Bananas	-	-	*	*	*	*
Guava	-	-	*	-	-	-
Lemons	-	-	*	*	-	-
Mangos	-	-	-	-	-	-
Oranges	-	-	-	-	-	-
Papayas	-	-	*	-	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	-	-	*	-	3,489	*
Chat	-	-	-	-	*	-
Coffee	-	-	*	-	3,241	*
Hops/'Geshe'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	*	*	-	-
Other Permanent	-	-	*	-	*	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

West Arsi

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	373,419	284,184	317,053	287,912	25,989	138,748	66,497	57,701
Cereals	290,660	228,904	253,908	87,246	5,236	128,206	60,775	51,105
Teff	28,581	15,881	12,068	*	*	*	*	*
Barley	63,086	49,255	48,037	3,859	*	*	10,696	*
Wheat	124,339	115,282	140,863	*	*	44,044	*	26,359
Maize	63,538	44,874	50,327	*	3,130	70,652	13,649	13,519
Sorghum	6,626	*	*	5,694	*	*	*	*
Finger millet	3,892	2,916	1,973	*	*	*	*	*
Oats/'Aja'	*	*	*	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	27,146	17,063	19,043	18,458	1,056	*	*	*
Horse/Faba beans	1,431	920	548	*	*	*	*	*
Field peas	*	*	*	-	-	*	*	*
White Haricot	*	-	-	-	-	-	-	-
Red Haricot beans	18,685	15,452	18,379	11,749	*	*	*	*
Chick peas	*	-	-	-	-	-	-	-
Lentils	*	-	-	-	-	-	-	-
Vetch/Grass peas	*	*	-	*	*	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	-	-	*	*	*
Mung	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	3,599	*	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	3,528	*	*	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	*	*	*	*	*	-	-	-
Vegetables	4,574	4,042	5,386	198,759	1,790	*	*	*
Lettuce	-	-	-	*	-	-	-	-
Head Cabbage	*	*	*	*	*	-	-	-
Ethiopian	2,059	1,790	*	190,056	1,556	*	*	*
Tomatoes	*	*	*	-	-	-	-	-
Green peppers	*	43	-	22,544	43	-	-	-
Red papers	*	*	*	*	*	*	*	*
Swiss chard	*	*	-	*	*	-	-	-
Root Crops	17,181	16,411	36,448	44,034	670	*	*	1,396
Beet root	*	202	*	8,917	*	-	-	-
Carrot	*	*	*	*	*	-	-	-
Onion	*	*	-	*	*	-	-	-
Potatoes	14,924	14,679	33,371	*	*	*	*	1,326
Yam	-	-	-	-	-	-	-	-
Garlic	*	*	*	*	*	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	-	*	*	-	-	-
Other Temporary	445	195	*	35,731	195	-	-	-
Fruit Crops	*	*		17,659	*			
Avocado	*	*		*	*			
Bananas	*	*		13,532	*			
Guava	-	-		-	-			
Lemons	-	-		-	-			
Mangos	*	-		*	-			
Oranges	*	*		*	*			
Papayas	*	*		*	*			
Pineapples	-	-		-	-			
Stimulant Crops	*	*		21,271	*			
Chat	*	*		*	*			
Coffee	*	*		16,415	*			
Hops/'Gesho'	*	-		-	-			
Enset	23,705	16,905		196,473	16,900			
Sugar Cane	*	*		*	*			
Other	29	*		5,627	*			

(Table 1: cont'd.)

West Arsi, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	16,727	2,290	1,770	57,718	26,646	47,974	186,653	120,285	138,733
Cereals	13,692	1,838	*	49,286	20,028	32,178	164,638	106,545	112,832
Teff	3,064	*	*	*	*	*	*	*	2,663
Barley	*	*	*	*	*	*	75,716	30,554	29,331
Wheat	*	*	*	*	*	*	76,596	56,681	64,319
Maize	*	*	*	21,309	*	*	74,132	14,213	15,363
Sorghum	-	-	-	-	-	-	*	*	*
Finger millet	-	-	-	*	*	*	*	*	*
Oats/'Aja'	-	-	-	-	-	-	*	*	*
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	12,570	2,216	*	35,699	5,214	5,990
Horse/Faba beans	-	-	-	-	-	-	9,756	649	465
Field peas	-	-	-	-	-	-	*	*	*
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	*	*	*	12,570	2,216	*	25,943	*	5,462
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	*	*	*
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	*	-	*
Vegetables	*	*	*	*	*	*	*	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	*	*	*	*	*
Ethiopian Cabbage	*	*	*	*	*	*	*	*	*
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	*	*	*	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	*	*	*	48,956	7,559	16,773
Beet root	*	*	*	-	-	-	*	*	*
Carrot	-	-	-	-	-	-	*	*	*
Onion	-	-	-	-	-	-	-	-	-
Potatoes	*	*	*	*	*	*	43,354	6,998	16,015
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	*	*	*	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	*	-	*	*	-	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

West Arsi, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	68,577	42,477	70,875	539,307	300,893	466,021	179,613	72,525	62,308
Cereals	50,772	34,482	56,434	419,652	220,966	433,914	162,258	69,694	61,727
Teff	*	*	*	98,417	26,910	16,615	*	*	*
Barley	8,693	*	*	154,678	56,979	113,535	11,727	*	*
Wheat	23,864	18,631	33,268	151,510	108,721	281,179	33,917	15,618	35,770
Maize	21,221	6,744	9,769	191,323	17,693	18,254	133,706	45,845	16,404
Sorghum	-	-	-	41,966	6,172	918	*	*	*
Finger millet	*	*	*	58,529	3,892	2,816	-	-	-
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	138,113	26,732	29,878	*	*	*
Horse/Faba beans	-	-	-	22,873	1,431	2,395	-	-	-
Field peas	-	-	-	*	*	*	-	-	-
White Haricot	-	-	-	*	*	*	-	-	-
Red Haricot beans	*	*	*	99,155	18,271	22,366	*	*	*
Chick peas	-	-	-	*	*	*	-	-	-
Lentils	-	-	-	*	*	*	-	-	-
Vetch/Grass peas	-	-	-	*	*	*	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	*	*	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibbo	-	-	-	-	-	-	-	-	-
Oil Seeds	*	-	*	12,572	3,599	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	5,793	3,528	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	*	-	*	*	*	*	-	-	-
Vegetables	*	*	*	266,026	4,314	-	*	*	-
Lettuce	-	-	-	*	-	-	-	-	-
Head Cabbage	*	*	*	8,154	*	-	*	*	-
Ethiopian Cabbage	*	*	*	251,048	2,059	-	-	-	-
Tomatoes	*	*	*	-	-	-	*	*	-
Green peppers	-	-	-	31,711	*	-	-	-	-
Red papers	*	*	*	*	*	-	-	-	-
Swiss chard	-	-	-	*	*	-	-	-	-
Root Crops	7,471	2,452	6,906	149,577	17,014	-	*	*	-
Beet root	-	-	-	14,222	*	-	*	*	-
Carrot	-	-	-	*	*	-	*	*	-
Onion	-	-	-	*	*	-	-	-	-
Potatoes	*	2,012	4,877	111,581	14,924	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	27,241	*	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	*	*	-	-	-	-
Other Temporary	-	-	-	71,038	445	-	-	-	-
Fruit Crops	*	*	*	49,028	*				
Avocado				*	*				
Bananas				34,215	*				
Guava				-	-				
Lemons				-	-				
Mangos				*	*				
Oranges				*	*				
Papayas				*	*				
Pineapples				-	-				
Stimulant Crops	-	-	-	*	*		*	*	-
Chat				11,179	*				
Coffee				*	*		*	*	-
Hops/'Gesho'				*	*				
Enset				247,681	22,305				
Sugar Cane				*	*				
Other Permanent				13,613	29				

(Table 1: Cont'd) West Arsi, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	300,221	192,885	5,554	*	293,824	175,551
Cereals	268,603	177,588	*	*	232,113	146,526
Teff	68,555	16,639	-	-	*	*
Barley	115,951	47,226	*	*	61,512	28,255
Wheat	157,267	109,262	-	-	102,395	85,543
Maize	19,579	4,051	-	-	122,216	23,774
Sorghum	-	-	-	-	*	*
Finger millet	*	*	-	-	34,186	2,222
Oats/'Aja'	*	*	-	-	*	*
Rice	-	-	-	-	-	-
Pulse	*	*	-	-	78,516	10,590
Horse/Faba beans	*	*	-	-	4,620	*
Field peas	-	-	-	-	*	*
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	*	*	-	-	73,268	10,189
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	*	*
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	*	*
Vegetables	14,808	*	*	*	36,113	1,610
Lettuce	-	-	-	-	-	-
Head Cabbage	*	*	-	-	*	*
Ethiopian Cabbage	7,493	104	*	*	27,954	*
Tomatoes	*	*	*	*	-	-
Green peppers	-	-	*	*	*	*
Red papers	*	*	-	-	*	*
Swiss chard	-	-	-	-	-	-
Root Crops	71,369	11,208	-	-	58,107	11,280
Beet root	*	*	-	-	*	*
Carrot	*	*	-	-	*	*
Onion	-	-	-	-	*	*
Potatoes	57,621	9,621	-	-	52,678	10,444
Yam	-	-	-	-	-	-
Garlic	*	*	-	-	*	*
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	*	*	*	*	12,138	*
Fruit Crops	-	-	*	*	*	*
Avocado	-	-	-	-	*	*
Bananas	-	-	*	*	*	*
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	-	-	-	-	-	-
Oranges	-	-	-	-	-	-
Papayas	-	-	-	-	*	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	*	*	*	*
Chat	*	*	*	*	*	*
Coffee	*	*	*	*	*	*
Hops/'Gesho'	-	-	-	-	-	-
Enset	*	*	*	*		
Sugar Cane	-	-	*	*	*	*
Other Permanent	-	-	-	-	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Kelem Wolega

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	232,048	52,582	53,059	121,320	11,736	6,790	*	*
Cereals	142,060	42,927	45,828	73,166	8,400	5,706	*	*
Teff	20,839	4,378	*	*	*	*	*	*
Barley	2,766	323	*	6,183	246	-	-	-
Wheat	7,401	*	*	4,044	*	-	-	-
Maize	56,923	33,211	42,138	67,864	6,007	2,101	*	*
Sorghum	33,896	2,204	*	*	*	*	*	*
Finger millet	19,018	*	*	989	*	*	*	*
Oats/'Aja'	*	*	-	*	*	-	-	-
Rice	*	*	*	-	-	-	-	-
Pulse	18,300	1,442	*	37,205	1,185	-	-	-
Horse/Faba beans	6,921	700	*	10,165	699	-	-	-
Field peas	3,601	*	*	1,754	132	-	-	-
White Haricot	*	*	-	*	*	-	-	-
Red Haricot beans	3,530	120	*	20,472	112	-	-	-
Chick peas	1,257	*	-	*	*	-	-	-
Lentils	*	*	-	*	*	-	-	-
Vetch/Grass peas	71	*	-	*	*	-	-	-
Soya beans	135	*	-	*	*	-	-	-
Fenugreek	525	*	*	11,214	*	-	-	-
Mung bean/'Masho'	-	-	-	*	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	6,604	178	*	14,409	149	-	-	-
Nueg	3,908	*	-	*	*	-	-	-
Linseed	85	*	-	*	*	-	-	-
Ground nuts	457	*	*	*	*	-	-	-
Safflower	*	*	*	*	*	-	-	-
Sesame	*	-	-	-	-	-	-	-
Rapeseed	1,236	137	*	12,808	113	-	-	-
Vegetables	11,621	6,665	5,578	65,153	941	*	*	*
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	138	*	*	7,350	*	-	-	-
Ethiopian Cabbage	*	66	-	16,602	66	-	-	-
Tomatoes	*	*	*	*	*	-	-	-
Green peppers	185	128	*	26,908	119	-	-	-
Red papers	10,971	6,389	5,542	32,042	703	*	*	*
Swiss chard	*	-	-	-	-	-	-	-
Root Crops	1,747	*	*	29,313	139	-	-	-
Beet root	27	*	-	5,428	*	-	-	-
Carrot	*	*	*	*	*	-	-	-
Onion	*	*	*	*	*	-	-	-
Potatoes	*	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	38	31	-	4,443	31	-	-	-
Taro/'Godere'	172	28	-	13,125	28	-	-	-
Sweet potatoes	714	47	*	8,687	45	-	-	-
Other Temporary	610	156	*	23,934	152	-	-	-
Fruit Crops	1,338	150		24,310	142			
Avocado	41	*		*	*			
Bananas	938	114		19,414	114			
Guava	*	*		*	*			
Lemons	2	-		-	-			
Mangos	256	*		2,466	*			
Oranges	30	*		*	*			
Papayas	65	9		4,897	9			
Pineapples	-	-		-	-			
Stimulant Crops	48,943	531		27,774	520			
Chat	1,474	*		8,002	*			
Coffee	47,366	445		22,368	442			
Hops/'Gesho'	*	2		2,293	2			
Enset	408	87		21,672	86			
Sugar Cane	308	*		2,364	*			
Other	111	13		11,424	13			

(Table 1: cont'd.)

Kelem Wolega, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	39,660	*	*	58,275	17,781	25,333	3,572	*	*
Cereals	9,520	*	*	53,550	16,354	23,162	*	*	*
Teff	*	*	*	*	*	*	*	*	*
Barley	-	-	-	*	*	*	-	-	-
Wheat	*	*	*	*	*	*	*	*	*
Maize	*	*	*	50,530	13,802	21,684	*	*	*
Sorghum	*	*	*	*	*	*	-	-	-
Finger millet	*	*	*	*	*	*	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	*	*	*	-	-	-	-	-	-
Pulse	*	*	*	*	*	*	*	*	*
Horse/Faba beans	*	*	*	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	*	*	*
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	*	*	*	*	*	*	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	*	*	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	*	*	*	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	-	-	-	*	*	*
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	*	*	*	*	*	*	-	-	-
Vegetables	33,990	*	*	*	1,387	*	*	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	*	*	*	*	*
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	*	*	*	-	-	-	-	-	-
Green peppers	*	*	*	*	*	*	-	-	-
Red papers	32,552	*	*	*	1,387	*	*	*	*
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	*	*	*	*	*	*
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	*	*	*
Onion	*	*	*	-	-	-	*	*	*
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	*	*	*	-	-	-
Other Temporary	*	*	*	*	*	*	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Kelem Wolega, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	54,867	13,017	20,386	243,580	204,748	64,189	102,431	27,301	5,822
Cereals	54,500	12,838	19,117	216,320	114,922	48,368	101,728	27,138	5,822
Teff	6,378	*	720	60,565	20,839	7,813	-	-	-
Barley	*	*	*	36,564	2,694	4,517	*	*	*
Wheat	*	*	*	35,701	7,401	7,988	-	-	-
Maize	49,103	10,182	17,634	171,650	29,886	10,847	101,078	27,037	5,785
Sorghum	*	*	*	151,530	33,896	9,916	-	-	-
Finger millet	*	*	*	106,760	18,989	6,814	*	*	*
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	*	*	*	-	-	-
Pulse	*	*	*	158,043	18,300	14,640	-	-	-
Horse/Faba beans	-	-	-	62,438	6,921	5,400	-	-	-
Field peas	*	*	*	27,277	3,601	1,995	-	-	-
White Haricot	-	-	-	16,653	*	*	-	-	-
Red Haricot beans	-	-	-	103,675	3,530	5,269	-	-	-
Chick peas	-	-	-	13,129	1,257	612	-	-	-
Lentils	-	-	-	*	*	*	-	-	-
Vetch/Grass peas	-	-	-	2,739	71	*	-	-	-
Soya beans	-	-	-	3,231	135	85	-	-	-
Fenugreek	-	-	-	23,194	525	159	-	-	-
Mung bean/'Masho'	-	-	-	*	-	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	76,391	6,604	1,181	-	-	-
Nueg	-	-	-	19,937	3,908	683	-	-	-
Linseed	-	-	-	8,874	85	24	-	-	-
Ground nuts	-	-	-	11,057	457	231	-	-	-
Safflower	*	*	*	17,044	*	28	-	-	-
Sesame	-	-	-	9,092	*	106	-	-	-
Rapeseed	*	*	*	36,374	1,236	109	-	-	-
Vegetables	*	*	*	179,091	11,621	-	*	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	17,928	138	-	-	-	-
Ethiopian Cabbage	-	-	-	26,873	*	-	-	-	-
Tomatoes	-	-	-	3,110	*	-	-	-	-
Green peppers	-	-	-	42,952	185	-	*	*	-
Red papers	*	*	*	133,918	10,971	-	-	-	-
Swiss chard	-	-	-	*	*	-	-	-	-
Root Crops	-	-	-	94,957	1,747	-	-	-	-
Beet root	-	-	-	10,415	27	-	-	-	-
Carrot	-	-	-	2,545	*	-	-	-	-
Onion	-	-	-	10,311	*	-	-	-	-
Potatoes	-	-	-	*	*	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	8,697	38	-	-	-	-
Taro/'Godere'	-	-	-	45,255	172	-	-	-	-
Sweet potatoes	-	-	-	43,455	714	-	-	-	-
Other Temporary	-	-	-	69,559	609	-	*	*	-
Fruit Crops				140,595	1,335				
Avocado				16,942	40				
Bananas				113,628	936				
Guava				*	*				
Lemons				2,337	2				
Mangos				58,588	256				
Oranges				12,554	30				
Papayas				33,384	65				
Pineapples				*	-				
Stimulant Crops	-	-	-	196,402	48,783		*	*	-
Chat				49,525	1,474				
Coffee				186,167	47,207		*	*	-
Hops/'Gesho'				18,573	*				
Enset				77,219	408				
Sugar Cane				14,879	308				
Other Permanent				34,860	111				

(Table 1: Cont'd) Kelem Wolega, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	70,010	28,881	2,948	*	106,000	30,125
Cereals	66,080	27,351	-	-	103,815	29,655
Teff	25,793	9,626	-	-	*	*
Barley	2,233	*	-	-	*	*
Wheat	8,066	1,272	-	-	*	*
Maize	*	*	-	-	99,693	27,292
Sorghum	16,373	5,004	-	-	*	*
Finger millet	30,312	7,509	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	*	*	-	-	-	-
Pulse	*	*	*	*	*	*
Horse/Faba beans	*	*	-	-	*	*
Field peas	*	*	-	-	-	-
White Haricot beans	*	*	-	-	-	-
Red Haricot beans	-	-	*	*	*	*
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	*	*	-	-	3,938	*
Nueg	*	*	-	-	-	-
Linseed	*	*	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	*	*	-	-	*	*
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	3,831	*
Vegetables	*	*	*	*	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	-	-	*	*	-	-
Green peppers	-	-	-	-	-	-
Red papers	*	*	-	-	*	*
Swiss chard	-	-	-	-	-	-
Root Crops	*	*	-	-	*	*
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	*	*	-	-	*	*
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-
Fruit Crops	*	*	*	*	-	-
Avocado	-	-	-	-	-	-
Bananas	*	*	*	*	-	-
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	-	-	*	*	-	-
Oranges	-	-	*	*	-	-
Papayas	-	-	*	*	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	1,318	*	2,573	*
Chat	*	*	*	*	-	-
Coffee	*	*	*	*	2,573	*
Hops/'Gesho'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	1,506	*	-	-
Other Permanent	-	-	-	-	-	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Horoguduru Welega

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	291,403	189,428	252,309	86,628	15,891	14,928	15,769	13,557
Cereals	201,358	165,912	231,983	52,346	11,477	13,888	12,744	*
Teff	91,939	77,919	69,825	5,367	2,412	12,112	12,242	*
Barley	12,295	7,075	4,785	15,586	2,320	*	*	*
Wheat	27,581	26,385	45,227	2,114	*	*	*	*
Maize	56,967	53,917	112,063	43,252	*	3,045	*	*
Sorghum	11,535	*	-	*	*	-	-	-
Finger millet	*	*	*	*	*	-	-	-
Oats/'Aja'	*	*	*	*	*	-	-	-
Rice	*	-	-	-	-	-	-	-
Pulse	23,399	10,417	8,620	27,609	1,866	*	*	*
Horse/Faba beans	8,192	5,478	5,049	13,249	953	*	*	*
Field peas	7,957	4,463	3,511	5,257	478	*	*	*
White Haricot	*	-	-	-	-	-	-	-
Red Haricot beans	*	-	-	-	-	-	-	-
Chick peas	*	*	-	*	*	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	*	-	-	-	-	-	-	-
Fenugreek	180	107	*	14,991	100	-	-	-
Mung bean/'Masho"	*	*	*	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	62,464	12,077	10,549	18,029	*	2,867	*	84
Nueg	50,285	11,004	1,512	*	*	*	*	*
Linseed	*	*	*	*	*	-	-	-
Ground nuts	*	-	-	-	-	-	-	-
Safflower	*	*	-	*	*	-	-	-
Sesame	9,000	*	*	*	*	-	-	-
Rapeseed	363	237	8,759	17,209	108	1,115	4	6
Vegetables	645	336	*	45,942	298	-	-	-
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	32	25	*	9,278	25	-	-	-
Ethiopian	44	32	*	8,543	31	-	-	-
Tomatoes	*	-	-	-	-	-	-	-
Green peppers	275	181	*	35,496	179	-	-	-
Red papers	292	96	*	4,454	61	-	-	-
Swiss chard	*	*	-	786	*	-	-	-
Root Crops	778	407	*	47,374	400	-	-	-
Beet root	48	40	-	13,246	40	-	-	-
Carrot	4	3	-	2,820	3	-	-	-
Onion	52	*	-	7,725	*	-	-	-
Potatoes	436	*	*	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	217	144	*	39,470	143	-	-	-
Taro/'Godere'	*	-	-	-	-	-	-	-
Sweet potatoes	21	*	-	*	*	-	-	-
Other Temporary	262	134	*	28,446	119	*	*	*
Fruit Crops	137	17		4,504	17			
Avocado	*	*		*	*			
Bananas	53	9		3,262	9			
Guava	*	-		-	-			
Lemons	*	*		*	*			
Mangos	*	*		*	*			
Oranges	*	*		*	*			
Papayas	*	*		*	*			
Pineapples	-	-		-	-			
Stimulant Crops	*	87		16,189	85			
Chat	50	9		3,473	9			
Coffee	*	16		4,646	16			
Hops/'Gesho'	311	62		13,704	60			
Enset	23	*		*	*			
Sugar Cane	129	*		1,214	*			
Other	41	18		18,159	18			

(Table 1: cont'd.)

Horoguduru Wolega, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	5,378	*	*	22,258	18,244	34,956	69,713	71,234	61,910
Cereals	4,443	*	*	21,631	17,297	34,527	63,034	57,649	53,497
Teff	*	*	*	3,990	2,249	*	55,830	50,492	45,259
Barley	*	*	*	2,918	*	*	5,663	890	941
Wheat	*	*	*	3,568	1,328	*	10,345	2,906	3,623
Maize	3,523	*	*	20,126	13,092	28,802	11,819	*	3,657
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	*	*	*
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	1,088	133	*	22,010	5,911	6,357
Horse/Faba beans	-	-	-	*	*	*	17,102	3,173	3,828
Field peas	-	-	-	*	*	*	11,297	2,731	2,519
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	*	*	*	*	*	*
Mung bean/'Masho'	-	-	-	*	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	801	*	*	1,847	*	*	14,242	7,656	1,888
Nueg	-	-	-	*	*	*	10,062	7,349	1,195
Linseed	-	-	-	-	-	-	*	*	*
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	*	*	*	-	-	-	-	-	-
Rapeseed	*	*	*	1,450	*	*	4,240	*	417
Vegetables	*	*	*	*	*	*	*	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	*	*	*
Ethiopian Cabbage	*	*	*	-	-	-	*	*	*
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	*	*	*	-	-	-	*	*	*
Red papers	*	*	*	*	*	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	*	*	*
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	*	*	*
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	*	*	*
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	*	*	*	*	*	*	1,587	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Horoguduru Wolega, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	84,357	65,346	140,762	154,232	251,486	203,826	69,808	39,917	10,089
Cereals	84,357	63,857	130,490	146,651	161,454	166,157	69,067	39,904	10,089
Teff	18,621	10,422	10,164	102,944	91,911	66,078	*	*	*
Barley	11,368	3,247	3,200	49,638	12,295	24,020	-	-	-
Wheat	43,980	21,711	38,820	59,892	27,167	67,620	1,142	414	791
Maize	58,346	28,439	78,292	92,954	17,505	5,584	68,471	39,462	9,285
Sorghum	-	-	-	18,315	11,535	2,647	-	-	-
Finger millet	-	-	-	*	*	*	-	-	-
Oats/'Aja'	*	*	*	*	*	*	-	-	-
Rice	-	-	-	*	*	*	-	-	-
Pulse	4,826	997	914	94,404	23,399	25,808	-	-	-
Horse/Faba beans	2,410	*	524	52,805	8,192	11,038	-	-	-
Field peas	2,999	567	390	39,028	7,957	8,643	-	-	-
White Haricot	-	-	-	*	*	*	-	-	-
Red Haricot beans	-	-	-	*	*	*	-	-	-
Chick peas	-	-	-	*	*	166	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	-	-	-	26,037	180	*	-	-	-
Mung bean/'Masho'	-	-	-	*	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	10,879	*	8,422	99,824	62,463	11,861	*	*	-
Nueg	*	*	*	67,608	50,285	7,419	-	-	-
Linseed	-	-	-	5,131	*	*	-	-	-
Ground nuts	-	-	-	11,542	*	*	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	15,887	9,000	984	-	-	-
Rapeseed	10,496	40	8,313	40,858	362	172	*	*	-
Vegetables	*	*	*	77,471	645	-	*	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	13,112	32	-	*	*	-
Ethiopian Cabbage	-	-	-	12,666	44	-	-	-	-
Tomatoes	-	-	-	*	*	-	-	-	-
Green peppers	*	*	*	55,319	275	-	-	-	-
Red papers	-	-	-	15,587	292	-	-	-	-
Swiss chard	-	-	-	786	*	-	-	-	-
Root Crops	-	-	-	77,215	777	-	*	*	-
Beet root	-	-	-	19,350	48	-	*	*	-
Carrot	-	-	-	4,110	4	-	-	-	-
Onion	-	-	-	14,024	52	-	*	*	-
Potatoes	-	-	-	6,514	436	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	64,059	217	-	*	*	-
Taro/'Godere'	-	-	-	*	*	-	-	-	-
Sweet potatoes	-	-	-	4,106	21	-	-	-	-
Other Temporary	*	*	*	57,280	262	-	-	-	-
Fruit Crops	*	*	*	17,291	136	-	-	-	-
Avocado	-	-	-	*	*	-	-	-	-
Bananas	-	-	-	10,009	53	-	-	-	-
Guava	-	-	-	*	*	-	-	-	-
Lemons	-	-	-	3,153	*	-	-	-	-
Mangos	-	-	-	7,416	*	-	-	-	-
Oranges	-	-	-	*	*	-	-	-	-
Papayas	-	-	-	*	*	-	-	-	-
Pineapples	-	-	-	-	-	-	-	-	-
Stimulant Crops	173	2	19	53,756	*	-	*	9	-
Chat	-	-	-	14,270	50	-	-	-	-
Coffee	-	-	-	16,193	*	-	*	8	-
Hops/'Gesho'	-	-	-	43,399	309	-	-	-	-
Enset	-	-	-	6,135	22	-	-	-	-
Sugar Cane	-	-	-	3,526	129	-	-	-	-
Other Permanent	-	-	-	32,946	41	-	-	-	-

(Table 1: Cont'd) Horoguduru Wolega, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	93,715	103,507	1,742	131	80,730	51,665
Cereals	93,304	103,366	-	-	80,286	49,713
Teff	77,589	70,037	-	-	7,208	3,368
Barley	13,045	2,948	-	-	*	*
Wheat	52,461	23,786	-	-	14,245	6,636
Maize	3,643	*	-	-	72,954	39,141
Sorghum	*	*	-	-	-	-
Finger millet	*	*	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	*	*	*	*	*	*
Horse/Faba beans	*	*	*	*	*	*
Field peas	-	-	-	-	*	*
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	*	*	-	-	-	-
Mung bean/'Masho'	-	-	-	-	*	*
Gibto	-	-	-	-	-	-
Oil Seeds	*	*	-	-	10,983	*
Nueg	-	-	-	-	*	*
Linseed	*	*	-	-	-	-
Ground nuts	-	-	-	-	*	*
Safflower	-	-	-	-	*	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	10,339	35
Vegetables	-	-	*	*	-	-
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-
Red papers	-	-	*	*	-	-
Swiss chard	-	-	-	-	-	-
Root Crops	*	*	*	*	*	*
Beet root	*	*	-	-	*	*
Carrot	-	-	-	-	-	-
Onion	-	-	-	-	-	-
Potatoes	-	-	*	*	-	-
Yam	-	-	-	-	-	-
Garlic	*	*	*	*	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	*	*	-	-	*	*
Fruit Crops	-	-	*	*	-	-
Avocado	-	-	-	-	-	-
Bananas	-	-	*	*	-	-
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	-	-	-	-	-	-
Oranges	-	-	-	-	-	-
Papayas	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	-	-	*	*	*	*
Chat	-	-	-	-	-	-
Coffee	-	-	*	*	*	*
Hops/'Gesho'	-	-	*	*	*	*
Enset	-	-	-	-	-	-
Sugar Cane	-	-	952	*	-	-
Other Permanent	*	*	-	-	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Somale Region

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	88,059	*	*	*	*	*	*	*
Cereals	72,028	*	*	*	*	*	*	*
Teff	-	-	-	-	-	-	-	-
Barley	*	-	-	-	-	-	-	-
Wheat	*	-	-	-	-	-	-	-
Maize	24,767	*	*	1,320	*	*	*	*
Sorghum	40,388	*	*	*	*	*	*	*
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	*	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	*	*	-	*	*	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-
White Haricot	*	*	-	*	*	-	-	-
Red Haricot beans	*	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	*	-	-	-	-	-	-	-
Ground nuts	*	*	*	*	*	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	*	-	-	-	-	-	-	-
Rapeseed	*	-	-	-	-	-	-	-
Vegetables	1,038	*	*	*	*	-	-	-
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-
Tomatoes	*	*	*	*	*	-	-	-
Green peppers	*	*	-	*	*	-	-	-
Red papers	*	*	-	*	*	-	-	-
Swiss chard	*	-	-	-	-	-	-	-
Root Crops	*	*	-	*	*	-	-	-
Beet root	*	*	-	*	*	-	-	-
Carrot	*	-	-	-	-	-	-	-
Onion	*	*	-	*	*	-	-	-
Potatoes	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	-	*	*	-	-	-
Other Temporary	*	*	-	*	*	-	-	-
Fruit Crops	*	*	-	1,106	*	-	-	-
Avocado	-	-	-	-	-	-	-	-
Bananas	*	*	-	*	*	-	-	-
Guava	*	*	-	*	*	-	-	-
Lemons	*	*	-	*	*	-	-	-
Mangos	61	*	-	*	*	-	-	-
Oranges	226	*	-	1,106	*	-	-	-
Papayas	*	*	-	*	*	-	-	-
Pineapples	-	-	-	-	-	-	-	-
Stimulant Crops	6,459	*	-	*	*	-	-	-
Chat	6,361	*	-	*	*	-	-	-
Coffee	*	*	-	*	*	-	-	-
Hops/'Gesho'	-	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-	-
Sugar Cane	*	-	-	-	-	-	-	-
Other Permanent	*	*	-	*	*	-	-	-

(Table 1: cont'd.)

Somale Region, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	*	*	*	-	-	-
Cereals	*	*	*	*	*	*	-	-	-
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-	-	-
Sorghum	*	*	*	*	*	*	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	*	*	*	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	*	*	*	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	*	*	*	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Somale Region, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	114,091	86,460	29,505	*	*	*
Cereals	-	-	-	101,228	71,846	25,932	*	*	*
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	*	*	*	-	-	-
Wheat	-	-	-	*	*	3,458	-	-	-
Maize	-	-	-	58,604	24,594	7,873	*	*	*
Sorghum	-	-	-	74,368	40,380	14,248	*	*	*
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	*	*	*	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot	-	-	-	*	*	*	-	-	-
Red Haricot beans	-	-	-	*	*	*	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibbo	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	*	*	*	-	-	-
Rapeseed	-	-	-	*	*	*	-	-	-
Vegetables	-	-	-	9,439	593	-	*	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	7,799	498	-	*	*	-
Green peppers	-	-	-	2,437	*	-	*	*	-
Red papers	-	-	-	*	*	-	-	-	-
Swiss chard	-	-	-	*	*	-	*	*	-
Root Crops	-	-	-	10,123	*	-	*	*	-
Beet root	-	-	-	*	*	-	-	-	-
Carrot	-	-	-	-	-	-	*	*	-
Onion	-	-	-	9,618	*	-	*	*	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	*	*	-	-	-	-
Other Temporary	-	-	-	*	*	-	*	*	-
Fruit Crops				8,125	597				
Avocado				-	-				
Bananas				*	*				
Guava				*	*				
Lemons				2,701	*				
Mangos				2,756	61				
Oranges				2,556	221				
Papayas				*	*				
Pineapples				-	-				
Stimulant Crops	-	-	-	20,449	6,459		-	-	-
Chat				19,485	6,361				
Coffee				*	*		-	-	-
Hops/'Gesho'				-	-				
Enset				-	-				
Sugar Cane				*	*				
Other Permanent				*	*				

(Table 1: Cont'd) **Somale Region, 2016/17**

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	*	*	*	*	*	*
Cereals	*	*	3,522	*	*	*
Teff	-	-	-	-	-	-
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	*	*	*	*	*	*
Sorghum	-	-	2,237	*	*	*
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	-	-	*	*	*	*
Horse/Faba beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
White Haricot beans	-	-	*	*	-	-
Red Haricot beans	-	-	*	*	*	*
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	*	*	*	*
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	*	*	*	*
Rapeseed	-	-	-	-	-	-
Vegetables	*	*	*	*	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	*	*	*	*	*	*
Green peppers	-	-	*	*	*	*
Red papers	-	-	*	*	-	-
Swiss chard	-	-	*	*	*	*
Root Crops	-	-	*	*	*	*
Beet root	-	-	*	*	-	-
Carrot	-	-	*	*	-	-
Onion	-	-	*	*	-	-
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	*	*	*	*
Other Temporary	-	-	*	*	-	-
Fruit Crops	*	*	*	*	*	*
Avocado	-	-	-	-	-	-
Bananas	*	*	*	*	*	*
Guava	-	-	*	*	-	-
Lemons	-	-	4,191	*	*	*
Mangos	-	-	*	*	*	*
Oranges	*	*	2,521	223	*	*
Papayas	-	-	*	*	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	3,602	460	*	*
Chat	*	*	2,847	*	*	*
Coffee	-	-	*	*	-	-
Hops/'Gesho'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	*	*	-	-
Other Permanent	*	*	*	*	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Shinele

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	2,778	336	*	1,340	267	*	*	*
Cereals	1,934	121	*	835	105	*	*	*
Teff	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-
Maize	200	*	*	*	*	*	*	*
Sorghum	1,734	92	*	472	*	-	-	-
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	*	*	-	*	*	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-
White Haricot	*	*	-	*	*	-	-	-
Red Haricot beans	*	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	*	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	*	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-
Vegetables	*	*	*	*	*	-	-	-
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-
Tomatoes	*	*	*	*	*	-	-	-
Green peppers	*	*	-	*	*	-	-	-
Red papers	*	*	-	*	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	12	*	-	*	*	-	-	-
Beet root	*	*	-	*	*	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	*	*	-	*	*	-	-	-
Potatoes	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	-	*	*	-	-	-
Other Temporary	*	*	-	*	*	-	-	-
Fruit Crops	343	*	-	1,106	*	-	-	-
Avocado	-	-	-	-	-	-	-	-
Bananas	*	*	-	*	*	-	-	-
Guava	*	*	-	*	*	-	-	-
Lemons	62	*	-	*	*	-	-	-
Mangos	*	*	-	*	*	-	-	-
Oranges	226	*	-	1,106	*	-	-	-
Papayas	*	*	-	*	*	-	-	-
Pineapples	-	-	-	-	-	-	-	-
Stimulant Crops	*	*	-	*	*	-	-	-
Chat	*	*	-	*	*	-	-	-
Coffee	*	*	-	*	*	-	-	-
Hops/'Gesho'	-	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-	-
Sugar Cane	*	-	-	-	-	-	-	-
Other Permanent	*	*	-	*	*	-	-	-

(Table 1: cont'd.)

Shinele, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	*	*	*	-	-	-
Cereals	*	*	*	-	-	-	-	-	-
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-	-	-
Sorghum	*	*	*	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	*	*	*	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	*	*	*	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Shinele, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	6,849	2,749	460	452	*	*
Cereals	-	-	-	5,185	1,914	458	*	*	*
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	1,443	188	73	*	*	*
Sorghum	-	-	-	4,660	1,726	385	*	*	*
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	*	*	*	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot	-	-	-	*	*	*	-	-	-
Red Haricot beans	-	-	-	*	*	*	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/"Masho"	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	*	*	*	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	346	*	-	*	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	*	*	-	-	-	-
Green peppers	-	-	-	*	*	-	*	*	-
Red papers	-	-	-	*	*	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	266	10	-	*	*	-
Beet root	-	-	-	*	*	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	*	*	-	*	*	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	*	*	-	-	-	-
Other Temporary	-	-	-	*	*	-	*	*	-
Fruit Crops				3,296	339				
Avocado				-	-				
Bananas				*	*				
Guava				*	*				
Lemons				2,048	62				
Mangos				*	*				
Oranges				2,556	221				
Papayas				*	*				
Pineapples				-	-				
Stimulant Crops	-	-	-	2,857	*		-	-	-
Chat				2,847	*				
Coffee				*	*		-	-	-
Hops/'Gesho'				-	-				
Enset				-	-				
Sugar Cane				*	*				
Other Permanent				*	*				

(Table 1: Cont'd) Shinele ,2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	*	*		3,896		1,176
Cereals	*	*		2,031	*	*
Teff	-	-		-	-	-
Barley	-	-		-	-	-
Wheat	-	-		-	-	-
Maize	*	*		769	*	-
Sorghum	-	-		*	*	*
Finger millet	-	-		-	-	-
Oats/'Aja'	-	-		-	-	-
Rice	-	-		-	-	-
Pulse	-	-		*	*	*
Horse/Faba beans	-	-		-	-	-
Field peas	-	-		-	-	-
White Haricot beans	-	-		*	*	-
Red Haricot beans	-	-		*	*	*
Chick peas	-	-		-	-	-
Lentils	-	-		-	-	-
Vetch/Grass peas	-	-		-	-	-
Soya beans	-	-		-	-	-
Fenugreek	-	-		-	-	-
Mung bean/'Masho"	-	-		-	-	-
Gibto	-	-		-	-	-
Oil Seeds	-	-		*	*	*
Nueg	-	-		-	-	-
Linseed	-	-		-	-	-
Ground nuts	-	-		-	-	-
Safflower	-	-		-	-	-
Sesame	-	-		*	*	*
Rapeseed	-	-		-	-	-
Vegetables	*	*		416	*	-
Lettuce	-	-		-	-	-
Head Cabbage	-	-		-	-	-
Ethiopian Cabbage	-	-		-	-	-
Tomatoes	*	*		*	*	-
Green peppers	-	-		*	*	-
Red papers	-	-		*	*	-
Swiss chard	-	-		-	-	-
Root Crops	-	-		390	12	*
Beet root	-	-		*	*	-
Carrot	-	-		-	-	-
Onion	-	-		*	*	-
Potatoes	-	-		-	-	-
Yam	-	-		-	-	-
Garlic	-	-		-	-	-
Taro/'Godere'	-	-		-	-	-
Sweet potatoes	-	-		*	*	*
Other Temporary	-	-		*	*	-
Fruit Crops	*	*		3,226	340	*
Avocado	-	-		-	-	-
Bananas	*	*		*	*	*
Guava	-	-		*	*	-
Lemons	-	-		2,048	61	*
Mangos	-	-		*	*	*
Oranges	*	*		2,521	223	*
Papayas	-	-		*	*	-
Pineapples	-	-		-	-	-
Stimulant Crops	*	*		2,857	*	*
Chat	*	*		2,847	*	*
Coffee	-	-		*	*	-
Hops/'Gesho'	-	-		-	-	-
Enset	-	-		-	-	-
Sugar Cane	-	-		*	*	-
Other Permanent	*	*		*	*	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Jijiga

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	77,734	*	*	*	*	*	*	*
Cereals	66,421	*	*	*	*	*	*	*
Teff	-	-	-	-	-	-	-	-
Barley	*	-	-	-	-	-	-	-
Wheat	*	-	-	-	-	-	-	-
Maize	21,314	*	-	854	*	-	-	-
Sorghum	38,234	*	*	*	*	*	*	*
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	*	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	*	-	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-
White Haricot	*	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	*	-	-	-	-	-	-	-
Ground nuts	*	*	*	*	*	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	*	-	-	-	-	-	-	-
Vegetables	527	*	-	*	*	-	-	-
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-
Tomatoes	477	*	-	*	*	-	-	-
Green peppers	*	*	-	*	*	-	-	-
Red papers	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	1,670	-	-	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	1,635	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	*	-	-	-	-	-	-	-
Other Temporary	*	*	-	*	*	-	-	-
Fruit Crops	*	-	-	-	-	-	-	-
Avocado	-	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-	-
Guava	*	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-	-
Mangos	*	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-	-
Stimulant Crops	5,990	*	-	*	*	-	-	-
Chat	5,930	*	-	*	*	-	-	-
Coffee	*	-	-	-	-	-	-	-
Hops/'Gesho'	-	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-	-	-
Other Permanent	-	-	-	-	-	-	-	-

(Table 1: cont'd.)

Jijiga, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	*	*	*	-	-	-
Cereals	-	-	-	*	*	*	-	-	-
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-	-	-
Sorghum	-	-	-	*	*	*	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	*	*	*	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Jijiga, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	92,525	77,696	27,924	*	*	*
Cereals	-	-	-	86,773	66,383	24,620	*	*	*
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	*	*	*	-	-	-
Wheat	-	-	-	*	*	3,458	-	-	-
Maize	-	-	-	48,636	21,276	6,946	*	*	*
Sorghum	-	-	-	67,471	38,234	13,864	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	*	*	*	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot	-	-	-	*	*	*	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	*	*	*	-	-	-
Vegetables	-	-	-	7,696	527	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	6,201	477	-	-	-	-
Green peppers	-	-	-	*	*	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	9,111	1,670	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	8,838	1,635	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	*	*	-	-	-	-
Other Temporary	-	-	-	*	*	-	-	-	-
Fruit Crops				*	*				
Avocado				-	-				
Bananas				-	-				
Guava				*	*				
Lemons				-	-				
Mangos				*	*				
Oranges				-	-				
Papayas				-	-				
Pineapples				-	-				
Stimulant Crops	-	-	-	16,847	5,990	-	-	-	-
Chat				16,638	5,930				
Coffee				*	*		-	-	-
Hops/'Gesho'				-	-				
Enset				-	-				
Sugar Cane				-	-				
Other Permanent				-	-				

(Table 1: Cont'd) Jijiga, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	-	-	-	-	-	-
Cereals	-	-	-	-	-	-
Teff	-	-	-	-	-	-
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	-	-	-	-	-	-
Sorghum	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-
Red papers	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-
Fruit Crops	-	-	-	-	-	-
Avocado	-	-	-	-	-	-
Bananas	-	-	-	-	-	-
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	-	-	-	-	-	-
Oranges	-	-	-	-	-	-
Papayas	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	-	-	-	-	-	-
Chat	-	-	-	-	-	-
Coffee	-	-	-	-	-	-
Hops/'Geshe'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-
Other Permanent	-	-	-	-	-	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Liben

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	*	-	-	-	-	-	-	-
Cereals	*	-	-	-	-	-	-	-
Teff	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-
Maize	*	-	-	-	-	-	-	-
Sorghum	*	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	*	-	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-
White Haricot	-	-	-	-	-	-	-	-
Red Haricot beans	*	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-
Vegetables	*	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-
Tomatoes	*	-	-	-	-	-	-	-
Green peppers	*	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-
Swiss chard	*	-	-	-	-	-	-	-
Root Crops	*	-	-	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-
Carrot	*	-	-	-	-	-	-	-
Onion	*	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-
Fruit Crops	*	-	-	-	-	-	-	-
Avocado	-	-	-	-	-	-	-	-
Bananas	*	-	-	-	-	-	-	-
Guava	-	-	-	-	-	-	-	-
Lemons	*	-	-	-	-	-	-	-
Mangos	*	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-	-
Papayas	*	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-	-
Stimulant Crops	*	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-	-
Coffee	*	-	-	-	-	-	-	-
Hops/'Gesho'	-	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-	-
Sugar Cane	*	-	-	-	-	-	-	-
Other Permanent	*	-	-	-	-	-	-	-

(Table 1: cont'd.)

Liben, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	-	-	-	-	-	-
Cereals	-	-	-	-	-	-	-	-	-
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Liben, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	14,718	*	*	*	*	*
Cereals	-	-	-	*	*	*	*	*	*
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	*	*	*	*	*	*
Sorghum	-	-	-	*	*	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	*	*	*	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	*	*	*	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	*	*	-	*	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	*	*	-	*	*	-
Green peppers	-	-	-	*	*	-	*	*	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	*	*	-	*	*	-
Root Crops	-	-	-	*	*	-	*	*	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	*	*	-
Onion	-	-	-	*	*	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops				*	*				
Avocado				-	-				
Bananas				*	*				
Guava				-	-				
Lemons				*	*				
Mangos				*	*				
Oranges				-	-				
Papayas				*	*				
Pineapples				-	-				
Stimulant Crops	-	-	-	*	*		-	-	-
Chat				-	-				
Coffee				*	*		-	-	-
Hops/'Gesho'				-	-				
Enset				-	-				
Sugar Cane				-	-				
Other Permanent				-	-				

(Table 1: Cont'd) Liben, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	-	-	*	*	*	*
Cereals	-	-	*	*	*	*
Teff	-	-	-	-	-	-
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	-	-	*	*	*	*
Sorghum	-	-	*	*	-	-
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Veitch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	-	-	*	*	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	-	-	*	*	*	*
Green peppers	-	-	*	*	*	*
Red papers	-	-	-	-	-	-
Swiss chard	-	-	*	*	*	*
Root Crops	-	-	*	*	-	-
Beet root	-	-	-	-	-	-
Carrot	-	-	*	*	-	-
Onion	-	-	*	*	-	-
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-
Fruit Crops	-	-	*	*	*	*
Avocado	-	-	-	-	-	-
Bananas	-	-	*	*	*	*
Guava	-	-	-	-	-	-
Lemons	-	-	*	*	-	-
Mangos	-	-	*	*	-	-
Oranges	-	-	-	-	-	-
Papayas	-	-	*	*	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	-	-	*	*	-	-
Chat	-	-	-	-	-	-
Coffee	-	-	*	*	-	-
Hops/'Geshe'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	*	*	-	-
Other Permanent	-	-	*	*	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Benshangul-GumuzRegion

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	264,582	77,527	56,192	83,223	15,052	38,708	29,818	16,451
Cereals	166,989	62,378	44,274	67,353	11,479	33,326	24,438	13,231
Teff	24,433	16,341	9,531	2,244	607	18,350	12,061	7,457
Barley	773	641	*	2,384	256	*	*	*
Wheat	2,081	*	*	*	*	2,515	*	*
Maize	49,115	30,137	26,555	60,008	9,472	12,538	1,982	1,005
Sorghum	58,378	1,856	508	8,532	765	3,821	807	418
Finger millet	29,681	9,855	4,128	1,509	327	9,757	7,879	3,192
Oats/'Aja'	*	*	*	*	*	*	*	*
Rice	*	*	*	-	-	*	*	*
Pulse	22,571	5,000	2,206	13,141	1,255	11,495	3,585	1,928
Horse/Faba beans	811	625	98	4,149	420	1,907	161	66
Field peas	*	*	*	1,658	*	*	*	*
White Haricot	2,189	*	*	*	*	*	*	*
Red Haricot beans	3,193	264	66	5,232	170	1,118	*	*
Chick peas	423	204	81	*	*	2,144	*	73
Lentils	*	*	*	*	*	*	*	*
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	13,947	2,889	1,749	*	*	6,349	2,784	1,532
Fenugreek	9	*	-	*	*	-	-	-
Mung bean/'Masho'	1,255	*	*	*	*	*	*	*
Gibto	*	*	-	*	*	-	-	-
Oil Seeds	60,777	3,610	923	10,117	953	7,128	*	370
Nueg	10,843	*	*	1,422	*	*	*	*
Linseed	406	*	20	*	*	*	*	*
Ground nuts	19,729	*	*	2,018	125	*	*	*
Safflower	*	*	*	-	-	*	*	*
Sesame	29,180	2,087	383	1,464	128	*	*	*
Rapeseed	189	135	88	4,697	69	2,961	39	*
Vegetables	5,633	4,681	7,731	15,420	239	5,673	462	555
Lettuce	*	-	-	-	-	-	-	-
Head Cabbage	33	*	*	993	*	*	*	*
Ethiopian	67	27	*	2,752	26	*	*	*
Tomatoes	23	*	*	536	*	-	-	-
Green peppers	52	15	9	2,518	8	*	*	*
Red papers	5,456	4,608	7,709	10,132	195	4,718	459	550
Swiss chard	*	*	-	*	*	-	-	-
Root Crops	1,380	808	*	18,141	335	5,777	*	*
Beet root	5	*	*	*	*	*	*	*
Carrot	*	*	-	*	*	-	-	-
Onion	192	103	*	3,642	34	*	*	*
Potatoes	*	*	*	2,848	*	*	*	*
Yam	*	*	-	*	*	-	-	-
Garlic	86	66	17	5,975	41	1,749	*	6
Taro/'Godere'	39	16	*	2,599	15	-	-	-
Sweet potatoes	545	138	*	7,144	109	1,235	*	*
Other Temporary	2,630	655	*	29,152	425	1,174	25	35
Fruit Crops	2,265	196		16,834	171			
Avocado	10	2		545	*			
Bananas	655	42		6,779	42			
Guava	*	*		548	*			
Lemons	71	*		1,046	*			
Mangos	1,192	111		10,503	96			
Oranges	68	7		1,968	6			
Papayas	128	31		3,647	23			
Pineapples	-	-		-	-			
Stimulant Crops	2,101	172		9,277	*			
Chat	813	24		2,033	24			
Coffee	1,215	*		3,532	*			
Hops/'Gesho'	73	22		5,070	21			
Enset	6	*		*	*			
Sugar Cane	171	*		*	*			
Other	60	11		5,749	9			

(Table 1: cont'd.)

Benshabgul- Gumus Region, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	16,615	5,949	2,448	41,741	23,897	33,647	747	478	318
Cereals	8,725	3,727	1,677	31,852	20,131	26,751	612	*	291
Teff	1,468	735	223	5,435	2,766	1,791	*	*	*
Barley	-	-	-	*	*	*	-	-	-
Wheat	*	*	*	*	*	*	*	*	*
Maize	4,341	1,426	855	26,731	15,246	22,479	-	-	-
Sorghum	*	*	*	*	*	*	-	-	-
Finger millet	2,127	863	*	1,324	409	298	*	*	*
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	*	*	*	*	*	*	-	-	-
Pulse	*	*	*	1,196	*	*	*	*	*
Horse/Faba beans	*	*	*	*	*	*	*	*	*
Field peas	-	-	-	*	*	*	-	-	-
White Haricot beans	*	*	*	*	*	*	-	-	-
Red Haricot beans	*	*	*	*	*	*	-	-	-
Chick peas	*	*	*	*	*	*	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	2,734	1,317	265	1,675	418	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	*	*	*	*	*	*	-	-	-
Ground nuts	*	*	*	*	*	*	-	-	-
Safflower	*	*	*	-	-	-	-	-	-
Sesame	1,760	1,126	181	*	*	*	-	-	-
Rapeseed	*	*	*	*	*	*	-	-	-
Vegetables	6,766	724	424	16,929	3,162	6,162	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	*	*	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	*	*	*	*	*	*	-	-	-
Green peppers	*	*	*	*	*	*	-	-	-
Red papers	6,534	719	419	16,593	3,141	6,149	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	1,689	*	*	950	*	*	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	1,039	*	*	*	*	*	-	-	-
Potatoes	-	-	-	*	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	*	*	*	-	-	-
Taro/'Godere'	-	-	-	*	*	*	-	-	-
Sweet potatoes	*	*	*	*	*	*	-	-	-
Other Temporary	1,086	*	*	*	*	*	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Benshangul-Gumuz Region, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	232,221	250,481	105,071	26,037	14,101	3,050
Cereals	*	*	*	219,201	153,223	58,165	21,280	13,766	2,957
Teff	-	-	-	41,369	24,303	12,388	*	*	*
Barley	-	-	-	5,435	773	1,142	-	-	-
Wheat	-	-	-	6,182	2,069	*	*	*	*
Maize	*	*	*	173,003	35,881	10,126	20,419	13,234	2,659
Sorghum	-	-	-	123,990	58,346	14,625	*	*	*
Finger millet	*	*	*	51,684	29,446	12,995	*	*	*
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	5,793	*	*	*	*	*
Pulse	-	-	-	99,084	22,417	19,230	*	*	*
Horse/Faba beans	-	-	-	8,631	811	798	-	-	-
Field peas	-	-	-	4,838	*	*	-	-	-
White Haricot	-	-	-	17,485	2,189	1,027	-	-	-
Red Haricot beans	-	-	-	42,392	3,193	2,228	-	-	-
Chick peas	-	-	-	4,934	423	274	-	-	-
Lentils	-	-	-	*	*	*	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	30,748	13,793	13,838	*	*	*
Fenugreek	-	-	-	1,143	9	*	-	-	-
Mung bean/'Masho'	-	-	-	7,099	1,255	274	-	-	-
Gibto	-	-	-	*	*	*	-	-	-
Oil Seeds	-	-	-	134,749	60,773	27,676	*	*	*
Nueg	-	-	-	36,493	10,843	1,665	-	-	-
Linseed	-	-	-	8,835	406	77	-	-	-
Ground nuts	-	-	-	64,160	19,725	23,163	*	*	*
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	59,753	29,180	2,696	-	-	-
Rapeseed	-	-	-	12,064	189	21	-	-	-
Vegetables	*	*	*	74,747	5,546	-	*	*	-
Lettuce	-	-	-	*	*	-	-	-	-
Head Cabbage	-	-	-	4,726	15	-	*	*	-
Ethiopian Cabbage	-	-	-	8,914	67	-	-	-	-
Tomatoes	-	-	-	5,991	23	-	-	-	-
Green peppers	-	-	-	11,038	51	-	*	*	-
Red papers	*	*	*	54,699	5,387	-	*	*	-
Swiss chard	-	-	-	*	*	-	*	*	-
Root Crops	-	-	-	63,527	1,367	-	*	*	-
Beet root	-	-	-	2,474	5	-	-	-	-
Carrot	-	-	-	1,847	*	-	-	-	-
Onion	-	-	-	10,697	181	-	*	*	-
Potatoes	-	-	-	8,359	*	-	-	-	-
Yam	-	-	-	*	*	-	-	-	-
Garlic	-	-	-	11,781	86	-	-	-	-
Taro/'Godere'	-	-	-	6,760	38	-	*	*	-
Sweet potatoes	-	-	-	38,297	544	-	*	*	-
Other Temporary	*	*	*	104,482	2,629	-	*	*	-
Fruit Crops				117,645	2,235				
Avocado				3,398	10				
Bananas				46,459	655				
Guava				20,349	*				
Lemons				14,066	71				
Mangos				86,800	1,163				
Oranges				16,123	68				
Papayas				34,692	128				
Pineapples				-	-				
Stimulant Crops	-	-	-	44,028	2,054		*	*	-
Chat				15,559	813				
Coffee				26,125	1,168		*	*	-
Hops/'Gesho'				16,619	73				
Enset				1,472	6				
Sugar Cane				4,339	171				
Other Permanent				25,728	59				

(Table 1: Cont'd) Benshangule-Gumuz Region, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	25,961	24,998	9,001	929	64,778	48,242
Cereals	24,941	22,966	*	*	56,292	39,224
Teff	10,932	8,093	-	-	11,647	7,609
Barley	-	-	-	-	*	*
Wheat	*	*	-	-	*	*
Maize	5,359	3,043	*	*	44,926	21,525
Sorghum	1,622	*	-	-	1,698	559
Finger millet	12,161	10,316	*	*	10,726	7,731
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	*	693
Pulse	*	*	-	-	6,201	1,996
Horse/Faba beans	-	-	-	-	*	*
Field peas	-	-	-	-	*	*
White Haricot beans	*	*	-	-	-	-
Red Haricot beans	-	-	-	-	1,103	*
Chick peas	-	-	-	-	*	*
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	*	*	-	-	*	*
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho"	*	*	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	*	*	*	*	11,827	3,713
Nueg	*	*	-	-	*	*
Linseed	-	-	-	-	*	*
Ground nuts	*	*	-	-	5,964	2,605
Safflower	-	-	-	-	*	*
Sesame	*	*	-	-	*	*
Rapeseed	-	-	*	*	2,817	47
Vegetables	520	*	*	*	15,678	*
Lettuce	-	-	-	-	-	-
Head Cabbage	*	*	-	-	*	*
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	*	*	*	*	*	*
Green peppers	-	-	*	*	*	*
Red papers	*	*	*	*	14,705	*
Swiss chard	-	-	*	*	*	*
Root Crops	-	-	*	*	4,048	106
Beet root	-	-	-	-	-	-
Carrot	-	-	*	*	*	*
Onion	-	-	*	*	*	*
Potatoes	-	-	-	-	*	*
Yam	-	-	-	-	-	-
Garlic	-	-	*	*	*	*
Taro/'Godere'	-	-	*	*	*	*
Sweet potatoes	-	-	-	-	1,347	26
Other Temporary	*	*	1,248	*	6,412	229
Fruit Crops	*	*	4,270	194	4,604	124
Avocado	-	-	*	*	*	*
Bananas	-	-	3,277	166	*	*
Guava	-	-	-	-	*	*
Lemons	-	-	-	-	-	-
Mangos	*	*	1,640	*	4,174	80
Oranges	-	-	*	*	*	*
Papayas	-	-	1,425	*	1,484	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	*	*	*	*
Chat	*	*	*	*	*	*
Coffee	-	-	*	*	*	*
Hops/'Gesho'	-	-	*	*	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	*	*	-	-
Other Permanent	-	-	613	*	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Metekel

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	157,179	54,415	37,420	48,826	10,517	24,408	23,487	13,383
Cereals	100,451	46,109	31,028	38,806	7,831	21,539	20,575	11,442
Teff	20,094	13,222	8,142	1,286	488	12,189	10,273	6,754
Barley	763	639	*	2,341	256	*	*	*
Wheat	*	*	*	*	*	2,448	*	*
Maize	23,398	19,618	15,623	35,673	6,660	6,693	1,244	563
Sorghum	24,315	*	-	*	*	-	-	-
Finger millet	27,574	9,169	3,819	*	282	7,500	7,366	2,977
Oats/'Aja'	*	*	*	-	-	*	*	*
Rice	*	*	*	-	-	*	*	*
Pulse	12,792	2,857	1,044	10,208	1,141	4,733	1,619	918
Horse/Faba beans	785	625	98	4,105	420	1,907	161	66
Field peas	*	*	*	1,615	*	*	*	*
White Haricot	*	*	*	*	*	-	-	-
Red Haricot beans	1,747	208	*	3,451	*	*	*	*
Chick peas	*	-	-	-	-	-	-	-
Lentils	*	*	*	*	*	*	*	*
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	8,049	*	*	-	-	*	*	*
Fenugreek	9	*	-	*	*	-	-	-
Mung bean/'Masho'	*	-	-	-	-	-	-	-
Gibto	*	*	-	*	*	-	-	-
Oil Seeds	38,986	2,483	526	6,410	*	4,604	*	*
Nueg	3,653	*	*	*	*	*	*	*
Linseed	135	*	*	*	*	*	*	*
Ground nuts	17,559	*	*	*	*	-	-	-
Safflower	*	*	*	-	-	*	*	*
Sesame	17,047	1,571	296	*	*	*	*	*
Rapeseed	185	135	87	4,503	69	2,848	39	*
Vegetables	1,830	1,677	3,875	8,342	89	3,077	323	430
Lettuce	*	-	-	-	-	-	-	-
Head Cabbage	12	*	*	*	*	*	*	*
Ethiopian	23	*	-	*	*	-	-	-
Tomatoes	*	*	-	*	*	-	-	-
Green peppers	*	11	8	1,678	*	*	*	*
Red papers	1,757	1,643	3,867	5,242	62	2,239	321	426
Swiss chard	*	*	-	*	*	-	-	-
Root Crops	805	*	*	12,007	242	4,731	*	*
Beet root	3	*	*	*	*	*	*	*
Carrot	*	*	-	*	*	-	-	-
Onion	39	*	*	3,352	*	*	*	*
Potatoes	*	*	*	2,650	*	*	*	*
Yam	*	*	-	*	*	-	-	-
Garlic	85	65	16	5,861	40	1,749	*	6
Taro/'Godere'	*	*	*	*	*	-	-	-
Sweet potatoes	162	36	*	2,384	*	*	*	*
Other Temporary	946	378	*	15,736	231	*	*	*
Fruit Crops	608	146		10,992	123			
Avocado	*	*		*	*			
Bananas	170	*		3,940	*			
Guava	*	*		*	*			
Lemons	5	*		*	*			
Mangos	327	86		8,401	71			
Oranges	3	*		628	*			
Papayas	94	29		2,790	20			
Pineapples	-	-		-	-			
Stimulant Crops	*	*		5,967	*			
Chat	*	*		*	*			
Coffee	*	*		*	*			
Hops/'Gesho'	47	17		4,100	17			
Enset	-	-		-	-			
Sugar Cane	*	-		-	-			
Other	28	7		5,161	7			

(Table 1: cont'd.)

Metekel, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	10,806	3,904	1,519	20,847	13,700	18,884	747	478	318
Cereals	6,186	2,542	1,067	16,531	12,560	15,911	612	*	291
Teff	1,001	529	*	1,931	1,759	1,154	*	*	*
Barley	-	-	-	*	*	*	-	-	-
Wheat	-	-	-	*	*	*	*	*	*
Maize	3,104	742	*	13,154	8,963	12,470	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	*	*	*	715	*	*	*	*	*
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	*	*	*	*	*	*	-	-	-
Pulse	*	*	*	*	*	*	*	*	*
Horse/Faba beans	*	*	*	*	*	*	*	*	*
Field peas	-	-	-	*	*	*	-	-	-
White Haricot beans	*	*	*	-	-	-	-	-	-
Red Haricot beans	*	*	*	*	*	*	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	2,237	1,060	183	762	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	*	*	*	-	-	-	-	-	-
Ground nuts	*	*	*	-	-	-	-	-	-
Safflower	*	*	*	-	-	-	-	-	-
Sesame	1,493	978	145	*	*	*	-	-	-
Rapeseed	*	*	*	*	*	*	-	-	-
Vegetables	3,972	*	*	7,151	926	2,630	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	*	*	*	*	*	*	-	-	-
Red papers	3,827	*	*	7,003	926	2,629	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	697	*	*	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	*	*	*	*	*	*	-	-	-
Potatoes	-	-	-	*	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	*	*	*	-	-	-
Taro/'Godere'	-	-	-	*	*	*	-	-	-
Sweet potatoes	*	*	*	-	-	-	-	-	-
Other Temporary	*	*	*	*	*	*	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Metekel, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	113,236	148,189	83,200	12,474	8,990	1,835
Cereals	*	*	*	104,231	91,714	44,040	10,060	8,737	1,744
Teff	-	-	-	24,505	19,985	11,345	*	*	*
Barley	-	-	-	5,043	763	1,126	-	-	-
Wheat	-	-	-	4,961	*	*	-	-	-
Maize	*	*	*	79,635	15,131	5,061	9,544	8,268	1,509
Sorghum	-	-	-	36,462	24,315	7,323	-	-	-
Finger millet	*	*	*	38,624	27,339	12,432	*	*	*
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	5,793	*	*	*	*	*
Pulse	-	-	-	56,234	12,639	14,678	*	*	*
Horse/Faba beans	-	-	-	8,239	785	780	-	-	-
Field peas	-	-	-	4,762	*	*	-	-	-
White Haricot	-	-	-	8,797	*	*	-	-	-
Red Haricot beans	-	-	-	21,662	1,747	1,582	-	-	-
Chick peas	-	-	-	*	*	*	-	-	-
Lentils	-	-	-	*	*	*	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	18,118	7,896	10,836	*	*	*
Fenugreek	-	-	-	1,115	9	*	-	-	-
Mung bean/'Masho'	-	-	-	*	*	*	-	-	-
Gibto	-	-	-	*	*	*	-	-	-
Oil Seeds	-	-	-	69,632	38,986	24,482	-	-	-
Nueg	-	-	-	6,976	3,653	627	-	-	-
Linseed	-	-	-	1,563	135	43	-	-	-
Ground nuts	-	-	-	41,678	17,559	22,274	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	29,600	17,047	1,466	-	-	-
Rapeseed	-	-	-	11,340	185	21	-	-	-
Vegetables	*	*	*	39,493	1,757	-	*	*	-
Lettuce	-	-	-	*	*	-	-	-	-
Head Cabbage	-	-	-	3,103	9	-	*	*	-
Ethiopian Cabbage	-	-	-	4,612	23	-	-	-	-
Tomatoes	-	-	-	*	*	-	-	-	-
Green peppers	-	-	-	6,752	*	-	*	*	-
Red papers	*	*	*	27,182	1,689	-	*	*	-
Swiss chard	-	-	-	*	*	-	*	*	-
Root Crops	-	-	-	31,777	805	-	-	-	-
Beet root	-	-	-	1,758	3	-	-	-	-
Carrot	-	-	-	*	*	-	-	-	-
Onion	-	-	-	6,312	39	-	-	-	-
Potatoes	-	-	-	7,839	*	-	-	-	-
Yam	-	-	-	*	*	-	-	-	-
Garlic	-	-	-	11,368	85	-	-	-	-
Taro/'Godere'	-	-	-	2,264	*	-	-	-	-
Sweet potatoes	-	-	-	12,516	162	-	-	-	-
Other Temporary	*	*	*	50,624	946	-	*	*	-
Fruit Crops	-	-	-	46,927	581				
Avocado				*	*				
Bananas				14,469	170				
Guava				4,271	*				
Lemons				4,548	5				
Mangos				37,034	300				
Oranges				3,288	3				
Papayas				21,969	94				
Pineapples				-	-				
Stimulant Crops	-	-	-	18,490	*		*	*	-
Chat				3,458	*				
Coffee				8,195	*		*	*	-
Hops/'Gesho'				10,232	47				
Enset				-	-				
Sugar Cane				*	*				
Other Permanent				17,941	28				

(Table 1: Cont'd) Metekel, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	19,703	20,977	5,346	*	40,733	36,164
Cereals	19,703	20,829	*	*	35,804	30,561
Teff	8,652	7,479	-	-	7,785	6,360
Barley	-	-	-	-	*	*
Wheat	*	*	-	-	*	*
Maize	2,554	*	-	-	26,408	14,748
Sorghum	*	*	-	-	*	*
Finger millet	11,986	10,299	*	*	9,441	7,556
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	*	693
Pulse	*	*	-	-	3,080	935
Horse/Faba beans	-	-	-	-	*	*
Field peas	-	-	-	-	*	*
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	*	*
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	*	*	-	-	1,061	*
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	*	*	9,435	3,291
Nueg	-	-	-	-	*	*
Linseed	-	-	-	-	*	*
Ground nuts	-	-	-	-	4,861	2,434
Safflower	-	-	-	-	*	*
Sesame	-	-	-	-	*	*
Rapeseed	-	-	*	*	2,704	46
Vegetables	*	*	*	*	8,914	1,070
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	*	*
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-
Green peppers	-	-	*	*	*	*
Red papers	*	*	*	*	7,976	1,069
Swiss chard	-	-	*	*	*	*
Root Crops	-	-	*	*	2,895	38
Beet root	-	-	-	-	-	-
Carrot	-	-	*	*	*	*
Onion	-	-	*	*	*	*
Potatoes	-	-	-	-	*	*
Yam	-	-	-	-	-	-
Garlic	-	-	*	*	*	*
Taro/'Godere'	-	-	*	*	*	*
Sweet potatoes	-	-	-	-	638	*
Other Temporary	*	*	*	*	3,208	*
Fruit Crops	*	*	1,688	*	3,890	115
Avocado	-	-	-	-	*	*
Bananas	-	-	*	*	*	*
Guava	-	-	-	-	*	*
Lemons	-	-	-	-	-	-
Mangos	*	*	1,414	*	3,603	72
Oranges	-	-	*	*	*	*
Papayas	-	-	766	*	1,484	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	*	*	*	*
Chat	*	*	*	*	*	*
Coffee	-	-	*	*	*	*
Hops/'Gesho'	-	-	*	*	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	*	*	-	-
Other Permanent	-	-	*	*	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Asosa

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	61,536	15,127	10,615	25,357	2,879	12,972	5,571	2,668
Cereals	38,616	9,481	5,476	20,591	2,318	10,649	3,281	1,434
Teff	3,365	2,818	1,268	*	*	5,774	1,641	606
Barley	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-
Maize	12,328	4,727	3,547	16,741	1,770	5,243	589	341
Sorghum	21,635	1,511	471	4,533	480	3,481	750	382
Finger millet	1,288	425	191	*	*	1,913	301	106
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	5,753	2,085	1,150	*	*	6,633	1,960	1,004
Horse/Faba beans	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-
White Haricot	*	*	*	*	*	*	*	*
Red Haricot beans	590	*	*	*	*	*	*	*
Chick peas	281	204	81	*	*	2,144	*	73
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	*	1,838	1,049	*	*	5,613	*	*
Fenugreek	-	-	-	-	-	-	-	-
Mung bean/'Masho'	303	*	*	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	10,785	570	*	2,825	115	2,161	*	*
Nueg	6,211	*	*	*	*	*	*	*
Linseed	179	*	*	*	*	*	*	*
Ground nuts	1,151	*	*	1,662	89	*	*	*
Safflower	*	*	*	-	-	*	*	*
Sesame	3,229	*	*	*	*	*	*	*
Rapeseed	*	*	*	*	*	*	*	*
Vegetables	*	*	*	5,301	*	2,437	136	121
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	*	*	-	-	-
Ethiopian	22	*	*	*	*	*	*	*
Tomatoes	*	*	*	*	*	-	-	-
Green peppers	*	*	-	*	*	-	-	-
Red papers	*	*	*	*	*	2,321	135	121
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	312	111	*	3,195	38	*	*	*
Beet root	*	-	-	-	-	-	-	-
Carrot	*	-	-	-	-	-	-	-
Onion	*	*	*	-	-	-	-	-
Potatoes	*	*	-	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	*	-	-	-	-	-	-	-
Taro/'Godere'	*	*	-	*	*	-	-	-
Sweet potatoes	219	58	*	2,641	35	*	*	*
Other Temporary	1,244	212	*	9,626	*	*	*	*
Fruit Crops	1,369	29		3,587	29			
Avocado	7	*		*	*			
Bananas	344	*		1,844	*			
Guava	*	*		*	*			
Lemons	*	-		-	-			
Mangos	768	*		1,180	*			
Oranges	*	*		508	*			
Papayas	20	*		*	*			
Pineapples	-	-		-	-			
Stimulant Crops	421	27		2,565	26			
Chat	*	*		*	*			
Coffee	276	*		808	*			
Hops/'Gesho'	*	*		*	*			
Enset	-	-		-	-			
Sugar Cane	*	*		*	*			
Other	25	*		*	*			

(Table 1: cont'd.)

Asosa, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	4,601	1,083	386	15,844	5,594	7,561	-	-	-
Cereals	1,861	535	153	10,501	3,348	3,889	-	-	-
Teff	*	*	*	3,330	929	*	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	626	*	*	9,266	2,302	3,179	-	-	-
Sorghum	*	*	*	*	*	*	-	-	-
Finger millet	*	*	*	490	51	*	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	*	*	*	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	*	*	*	*	*	*	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	*	*	*	*	*	*	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	2,186	*	*	9,528	*	*	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	*	*	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	*	*	*	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	2,186	*	*	9,339	*	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	*	*	*	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	*	*	*	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	*	*	*	-	-	-
Other Temporary	*	*	*	*	*	*	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Asosa, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	84,661	59,730	13,728	9,168	1,806	408
Cereals	-	-	-	82,365	36,878	9,377	6,928	1,738	406
Teff	-	-	-	13,491	3,345	826	*	*	*
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	63,213	10,642	2,786	6,642	1,686	401
Sorghum	-	-	-	62,385	21,603	5,408	*	*	*
Finger millet	-	-	-	8,315	1,288	356	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	28,347	5,753	2,488	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot	-	-	-	5,734	*	158	-	-	-
Red Haricot beans	-	-	-	10,993	590	228	-	-	-
Chick peas	-	-	-	3,915	281	119	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	10,736	*	*	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	4,779	303	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	44,684	10,781	1,863	*	*	*
Nueg	-	-	-	22,719	6,211	907	-	-	-
Linseed	-	-	-	5,200	179	22	-	-	-
Ground nuts	-	-	-	15,751	1,148	558	*	*	*
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	16,886	3,229	375	-	-	-
Rapeseed	-	-	-	*	*	*	-	-	-
Vegetables	-	-	-	24,651	*	-	*	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	1,232	*	-	*	*	-
Ethiopian Cabbage	-	-	-	2,651	22	-	-	-	-
Tomatoes	-	-	-	2,441	*	-	-	-	-
Green peppers	-	-	-	2,435	*	-	-	-	-
Red papers	-	-	-	20,023	*	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	18,725	312	-	*	*	-
Beet root	-	-	-	*	*	-	-	-	-
Carrot	-	-	-	*	*	-	-	-	-
Onion	-	-	-	*	*	-	*	*	-
Potatoes	-	-	-	*	*	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	*	*	-	-	-	-
Taro/'Godere'	-	-	-	*	*	-	-	-	-
Sweet potatoes	-	-	-	15,712	219	-	-	-	-
Other Temporary	-	-	-	37,385	1,244	-	-	-	-
Fruit Crops				56,302	1,366				
Avocado				1,758	7				
Bananas				23,276	344				
Guava				15,021	*				
Lemons				8,767	*				
Mangos				41,519	766				
Oranges				8,557	*				
Papayas				9,553	20				
Pineapples				-	-				
Stimulant Crops	-	-	-	19,006	374		*	*	-
Chat				6,867	*				
Coffee				14,223	230		*	*	-
Hops/'Gesho'				6,353	*				
Enset				-	-				
Sugar Cane				*	*				
Other Permanent				6,336	24				

(Table 1: Cont'd) Asosa, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	5,209	1,109	3,284	186	19,034	8,246
Cereals	*	*	-	-	15,567	4,908
Teff	*	*	-	-	*	*
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	*	*	-	-	14,110	3,264
Sorghum	*	*	-	-	1,115	*
Finger millet	*	*	-	-	*	*
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	*	*	-	-	*	*
Horse/Faba beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
White Haricot beans	*	*	-	-	-	-
Red Haricot beans	-	-	-	-	*	*
Chick peas	-	-	-	-	*	*
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	*	*
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	*	*	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	*	*	-	-	2,183	*
Nueg	*	*	-	-	*	*
Linseed	-	-	-	-	*	*
Ground nuts	*	*	-	-	1,103	*
Safflower	-	-	-	-	-	-
Sesame	*	*	-	-	-	-
Rapeseed	-	-	-	-	*	*
Vegetables	*	*	*	*	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	*	*	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	*	*	*	*	-	-
Green peppers	-	-	-	-	-	-
Red papers	*	*	-	-	*	*
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	-	-	1,030	*
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	-	-	*	*
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	*	*
Other Temporary	-	-	*	*	*	*
Fruit Crops	-	-	2,519	94	*	*
Avocado	-	-	*	*	-	-
Bananas	-	-	2,284	88	-	-
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	-	-	*	*	*	*
Oranges	-	-	*	*	*	*
Papayas	-	-	*	*	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	-	-	*	*	*	*
Chat	-	-	*	*	-	-
Coffee	-	-	*	*	*	*
Hops/'Gesho'	-	-	*	*	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	*	*	-	-
Other Permanent	-	-	*	*	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Kemashi

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	34,800	7,071	7,613	5,605	1,314	1,106	*	*
Cereals	20,784	5,993	7,248	4,948	1,089	*	*	*
Teff	488	*	*	336	77	*	*	*
Barley	*	*	-	*	*	-	-	-
Wheat	*	*	-	*	*	-	-	-
Maize	10,168	5,194	6,976	4,587	807	*	*	*
Sorghum	9,698	*	*	1,069	*	*	*	*
Finger millet	425	*	*	*	*	*	*	*
Oats/'Aja'	*	*	-	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	3,410	*	*	732	*	*	*	*
Horse/Faba beans	*	*	-	*	*	-	-	-
Field peas	*	*	-	*	*	-	-	-
White Haricot	117	*	*	*	*	-	-	-
Red Haricot beans	385	*	*	416	*	-	-	-
Chick peas	-	-	-	-	-	-	-	-
Lentils	*	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	1,952	*	*	*	*	*	*	*
Fenugreek	-	-	-	-	-	-	-	-
Mung bean/'Masho'	949	*	*	*	*	*	*	*
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	9,479	552	90	*	*	362	*	26
Nueg	145	*	*	*	*	*	*	*
Linseed	*	-	-	-	-	-	-	-
Ground nuts	902	*	-	*	*	-	-	-
Safflower	*	-	-	-	-	-	-	-
Sesame	8,421	504	85	*	*	276	*	21
Rapeseed	-	-	-	-	-	-	-	-
Vegetables	772	*	*	1,097	11	*	*	*
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-
Ethiopian Cabbage	*	*	-	*	*	-	-	-
Tomatoes	*	*	*	*	*	-	-	-
Green peppers	5	*	*	*	*	-	-	-
Red papers	757	*	*	942	9	*	*	*
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	91	31	*	1,447	*	-	-	-
Beet root	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	*	*	*	*	*	-	-	-
Potatoes	*	*	-	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	*	*	*	*	*	-	-	-
Taro/'Godere'	1	*	-	*	*	-	-	-
Sweet potatoes	58	*	*	1,205	*	-	-	-
Other Temporary	140	38	*	1,620	30	*	*	*
Fruit Crops	104	*		1,258	*			
Avocado	1	*		*	*			
Bananas	47	*		320	*			
Guava	*	*		*	*			
Lemons	*	*		*	*			
Mangos	42	*		826	*			
Oranges	*	*		*	*			
Papayas	*	*		*	*			
Pineapples	-	-		-	-			
Stimulant Crops	*	-		-	-			
Chat	*	-		-	-			
Coffee	*	-		-	-			
Hops/'Gesho'	-	-		-	-			
Enset	-	-		-	-			
Sugar Cane	*	-		-	-			
Other Permanent	2	*		*	*			

(Table 1: cont'd.)

Kemashi, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	1,024	938	*	2,817	4,105	6,703	-	-	-
Cereals	493	626	*	2,617	3,742	6,467	-	-	-
Teff	-	-	-	*	*	*	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	457	*	*	2,530	3,661	6,443	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	*	*	*	*	*	*	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	*	*	*	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	*	*	*	-	-	-
Red Haricot beans	-	-	-	*	*	*	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	*	*	*	*	*	*	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	*	*	*	*	*	*	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	*	*	*	-	-	-	-	-	-
Green peppers	*	*	*	-	-	-	-	-	-
Red papers	*	*	*	*	*	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	-	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	*	*	*	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	*	-	-	-	-	-	-
Other Temporary	*	*	*	*	*	*	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	19,540	31,883	6,159	2,327	2,916	665
Cereals	-	-	-	18,789	17,867	3,223	2,298	2,916	665
Teff	-	-	-	1,479	488	159	-	-	-
Barley	-	-	-	*	*	*	-	-	-
Wheat	-	-	-	*	*	*	-	-	-
Maize	-	-	-	17,019	7,252	1,604	2,298	2,916	665
Sorghum	-	-	-	14,849	9,698	1,352	-	-	-
Finger millet	-	-	-	1,380	425	*	-	-	-
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	8,527	3,410	1,836	-	-	-
Horse/Faba beans	-	-	-	*	*	*	-	-	-
Field peas	-	-	-	*	*	*	-	-	-
White Haricot	-	-	-	2,250	117	*	-	-	-
Red Haricot beans	-	-	-	4,577	385	249	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	*	*	*	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	1,495	1,952	1,085	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/"Masho"	-	-	-	2,009	949	193	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	12,771	9,479	1,100	-	-	-
Nueg	-	-	-	1,762	145	22	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	4,447	902	*	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	10,737	8,421	791	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	5,517	772	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	316	*	-	-	-	-
Tomatoes	-	-	-	252	*	-	-	-	-
Green peppers	-	-	-	701	5	-	-	-	-
Red papers	-	-	-	4,664	757	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	5,025	91	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	960	*	-	-	-	-
Potatoes	-	-	-	*	*	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	215	*	-	-	-	-
Taro/'Godere'	-	-	-	295	1	-	-	-	-
Sweet potatoes	-	-	-	4,049	58	-	-	-	-
Other Temporary	-	-	-	5,486	140	-	-	-	-
Fruit Crops				6,265	104				
Avocado				*	1				
Bananas				3,218	47				
Guava				900	*				
Lemons				324	*				
Mangos				4,310	42				
Oranges				883	*				
Papayas				1,340	*				
Pineapples				-	-				
Stimulant Crops	-	-	-	265	*		-	-	-
Chat				*	*				
Coffee				177	*		-	-	-
Hops/'Gesho'				-	-				
Enset				-	-				
Sugar Cane				*	*				
Other Permanent				780	2				

(Table 1: Cont'd) Kemashi, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	*	*	*	*	2,754	3,353
Cereals	*	*	-	-	2,718	3,297
Teff	-	-	-	-	*	*
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	*	*	-	-	2,630	3,208
Sorghum	*	*	-	-	*	*
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	*	*	-	-	*	*
Horse/Faba beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	*	*
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	*	*
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	*	*	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	*	*	-	-	*	*
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	*	*	-	-	*	*
Rapeseed	-	-	-	-	-	-
Vegetables	-	-	*	*	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	-	-	*	*	*	*
Green peppers	-	-	-	-	-	-
Red papers	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	*	*	*	*
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	*	*	*	*
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	*	*	*	*
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	-	-	*	*	*	*
Fruit Crops	-	-	-	-	*	*
Avocado	-	-	-	-	-	-
Bananas	-	-	-	-	-	-
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	-	-	-	-	*	*
Oranges	-	-	-	-	-	-
Papayas	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	-	-	-	-
Chat	*	*	-	-	-	-
Coffee	-	-	-	-	-	-
Hops/'Gesho'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-
Other Permanent	-	-	-	-	-	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Mao Komo

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	11,068	915	543	3,435	343	222	46	*
Cereals	7,138	796	521	3,008	241	222	46	*
Teff	485	*	-	*	*	-	-	-
Barley	9	*	*	-	-	-	-	-
Wheat	301	*	*	-	-	*	*	*
Maize	3,220	598	409	3,008	233	155	30	11
Sorghum	2,729	*	*	-	-	-	-	-
Finger millet	394	*	*	*	*	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	616	*	*	*	*	-	-	-
Horse/Faba beans	26	-	-	-	-	-	-	-
Field peas	*	-	-	-	-	-	-	-
White Haricot	65	-	-	-	-	-	-	-
Red Haricot beans	471	*	*	*	*	-	-	-
Chick peas	*	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	*	-	-	-	-	-	-	-
Fenugreek	*	-	-	-	-	-	-	-
Mung bean/'Masho'	*	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	1,527	*	*	167	*	-	-	-
Nueg	833	*	-	*	*	-	-	-
Linseed	91	*	*	*	*	-	-	-
Ground nuts	117	*	-	*	*	-	-	-
Safflower	*	-	-	-	-	-	-	-
Sesame	483	*	-	*	*	-	-	-
Rapeseed	*	*	-	*	*	-	-	-
Vegetables	*	4	-	679	4	-	-	-
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	*	*	-	*	*	-	-	-
Ethiopian Cabbage	13	*	-	*	*	-	-	-
Tomatoes	4	*	-	*	*	-	-	-
Green peppers	7	*	-	*	*	-	-	-
Red papers	*	*	-	*	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	171	38	*	1,492	26	-	-	-
Beet root	*	-	-	-	-	-	-	-
Carrot	*	-	-	-	-	-	-	-
Onion	40	*	*	*	*	-	-	-
Potatoes	*	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	*	-	-	-	-	-	-	-
Taro/'Godere'	25	8	*	938	7	-	-	-
Sweet potatoes	106	17	*	913	16	-	-	-
Other Temporary	300	26	*	2,170	24	-	-	-
Fruit Crops	184	*	-	997	*	-	-	-
Avocado	1	*	-	*	*	-	-	-
Bananas	93	*	-	*	*	-	-	-
Guava	*	*	-	*	*	-	-	-
Lemons	1	*	-	*	*	-	-	-
Mangos	55	*	-	*	*	-	-	-
Oranges	26	*	-	*	*	-	-	-
Papayas	7	*	-	321	*	-	-	-
Pineapples	-	-	-	-	-	-	-	-
Stimulant Crops	1,006	17	-	745	17	-	-	-
Chat	630	*	-	454	*	-	-	-
Coffee	376	9	-	448	9	-	-	-
Hops/'Gesho'	*	-	-	-	-	-	-	-
Enset	6	*	-	*	*	-	-	-
Sugar Cane	*	*	-	*	*	-	-	-
Other Permanent	*	*	-	*	*	-	-	-

(Table 1: cont'd.)

Mao Komo, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	2,234	499	500	-	-	-
Cereals	*	*	*	2,203	481	484	-	-	-
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	*	*	*	-	-	-
Wheat	*	*	*	*	*	*	-	-	-
Maize	*	*	*	1,781	321	388	-	-	-
Sorghum	-	-	-	*	*	*	-	-	-
Finger millet	-	-	-	*	*	*	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	*	*	*	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	*	*	*	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	*	*	*	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	*	*	*	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	*	*	*	-	-	-
Sweet potatoes	-	-	-	*	*	*	-	-	-
Other Temporary	-	-	-	*	*	*	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Mao Komo, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	14,784	10,679	1,983	2,068	389	142
Cereals	-	-	-	13,815	6,763	1,526	1,995	376	142
Teff	-	-	-	1,894	485	59	-	-	-
Barley	-	-	-	*	9	*	-	-	-
Wheat	-	-	-	1,178	289	136	*	*	*
Maize	-	-	-	13,135	2,857	673	1,935	364	84
Sorghum	-	-	-	10,294	2,729	543	-	-	-
Finger millet	-	-	-	3,365	394	99	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	5,976	616	227	-	-	-
Horse/Faba beans	-	-	-	348	26	*	-	-	-
Field peas	-	-	-	*	*	*	-	-	-
White Haricot	-	-	-	704	65	24	-	-	-
Red Haricot beans	-	-	-	5,160	471	169	-	-	-
Chick peas	-	-	-	*	*	*	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	400	*	*	-	-	-
Fenugreek	-	-	-	*	*	*	-	-	-
Mung bean/'Masho'	-	-	-	*	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	7,661	1,527	230	-	-	-
Nueg	-	-	-	5,035	833	110	-	-	-
Linseed	-	-	-	1,947	91	12	-	-	-
Ground nuts	-	-	-	2,284	117	43	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	2,530	483	65	-	-	-
Rapeseed	-	-	-	*	*	*	-	-	-
Vegetables	-	-	-	5,086	*	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	391	*	-	-	-	-
Ethiopian Cabbage	-	-	-	1,335	13	-	-	-	-
Tomatoes	-	-	-	955	4	-	-	-	-
Green peppers	-	-	-	1,150	7	-	-	-	-
Red papers	-	-	-	2,829	*	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	8,000	159	-	*	*	-
Beet root	-	-	-	*	*	-	-	-	-
Carrot	-	-	-	*	*	-	-	-	-
Onion	-	-	-	1,122	30	-	*	*	-
Potatoes	-	-	-	*	*	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	*	*	-	-	-	-
Taro/'Godere'	-	-	-	3,193	24	-	*	*	-
Sweet potatoes	-	-	-	6,019	104	-	*	*	-
Other Temporary	-	-	-	10,987	300	-	*	*	-
Fruit Crops				8,151	184				
Avocado				499	1				
Bananas				5,497	93				
Guava				*	*				
Lemons				427	1				
Mangos				3,938	55				
Oranges				3,395	26				
Papayas				1,829	7				
Pineapples				-	-				
Stimulant Crops	-	-	-	6,267	1,006		-	-	-
Chat				5,147	630				
Coffee				3,530	376		-	-	-
Hops/'Gesho'				*	*				
Enset				1,472	6				
Sugar Cane				368	*				
Other Permanent				670	*				

(Table 1: Cont'd) Mao Komo, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	*	*	248	*	2,256	479
Cereals	*	*	*	*	2,203	458
Teff	*	*	-	-	-	-
Barley	-	-	-	-	*	*
Wheat	*	*	-	-	*	*
Maize	*	*	*	*	1,778	305
Sorghum	-	-	-	-	*	*
Finger millet	*	*	-	-	*	*
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	*	*	-	-	*	*
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	*	*
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	*	*	-	-	*	*
Rapeseed	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-
Red papers	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	-	-	*	*
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	-	-	*	*
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	*	*
Sweet potatoes	-	-	-	-	*	*
Other Temporary	*	*	-	-	*	*
Fruit Crops	-	-	*	*	*	*
Avocado	-	-	-	-	-	-
Bananas	-	-	*	*	-	-
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	-	-	-	-	-	-
Oranges	-	-	-	-	*	*
Papayas	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	-	-	*	*	*	*
Chat	-	-	*	*	*	*
Coffee	-	-	-	-	-	-
Hops/'Gesho'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	*	*	-	-
Other Permanent	-	-	-	-	-	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

SNNP Region

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	2,026,353	1,299,293	1,209,261	3,888,691	531,487	1,025,713	155,892	143,778
Cereals	885,143	645,675	929,505	517,020	37,754	488,279	88,726	77,642
Teff	246,099	202,095	255,121	*	*	226,715	41,405	36,979
Barley	84,037	59,254	82,067	111,457	7,995	116,057	11,292	10,573
Wheat	127,212	118,989	229,481	27,455	980	73,731	10,132	11,698
Maize	322,714	235,199	321,974	341,116	16,087	137,090	22,223	15,605
Sorghum	97,489	25,421	36,361	86,503	4,958	24,729	2,211	1,559
Finger millet	3,627	2,866	3,279	1,480	*	12,059	682	643
Oats/'Aja'	*	*	*	*	*	*	*	*
Rice	3,700	*	*	*	*	*	*	*
Pulse	225,574	112,130	114,022	698,039	21,883	655,557	49,046	46,928
Horse/Faba	67,025	33,785	30,999	237,112	8,003	159,212	15,216	14,328
Field peas	47,591	14,543	14,117	62,909	1,975	50,978	6,144	5,675
White	4,319	*	*	24,850	282	6,338	*	*
Red Haricot	94,005	56,024	60,894	412,279	10,401	457,096	24,963	24,606
Chick peas	9,773	3,837	3,807	15,689	868	26,310	1,797	1,439
Lentils	526	367	167	*	*	*	*	*
Vetch/Grass	*	*	*	1,696	*	-	-	-
Soya beans	209	*	*	*	*	*	*	*
Fenugreek	372	207	*	7,059	39	*	*	*
Mung	908	*	175	*	*	*	*	*
Gibto	*	*	*	-	-	*	*	*
Oil Seeds	5,312	1,414	1,817	36,432	592	7,127	470	305
Nueg	*	*	*	*	*	*	*	*
Linseed	930	288	228	9,756	122	2,945	*	40
Ground nuts	606	*	*	2,951	*	*	*	*
Safflower	182	45	*	2,564	14	*	*	*
Sesame	*	*	*	*	*	*	*	*
Rapeseed	1,766	837	1,407	20,133	384	3,588	*	*
Vegetables	52,961	44,622	73,296	1,796,784	19,791	83,765	1,576	1,965
Lettuce	*	*	-	*	*	-	-	-
Head	1,521	1,170	*	47,057	282	*	*	*
Ethiopian	25,288	19,774	4,970	1,696,062	17,897	48,326	645	790
Tomatoes	980	608	*	44,903	341	*	*	*
Green	1,820	1,097	*	203,811	729	*	*	*
Red papers	23,266	21,908	62,645	74,231	477	15,863	685	838
Swiss chard	63	44	*	16,597	44	-	-	-
Root Crops	99,022	58,135	30,557	1,406,070	44,834	95,129	3,060	3,124
Beet root	617	356	*	61,177	166	*	*	*
Carrot	305	262	*	21,578	67	*	*	*
Onion	1,682	976	2,309	72,897	372	3,490	*	*
Potatoes	11,702	10,307	21,864	100,284	1,763	41,285	1,724	1,636
Yam	5,452	3,484	*	275,563	3,282	*	*	*
Garlic	868	612	*	75,262	502	*	*	*
Taro/'Godere'	42,341	21,432	1,814	869,812	20,241	11,988	193	242
Sweet	36,056	20,705	2,871	595,850	18,441	38,287	945	1,001
Other	42,969	17,301	13,669	953,021	11,754	45,191	1,612	1,443
Fruit Crops	68,580	26,288		1,499,143	23,818			
Avocado	13,537	6,607		729,372	6,349			
Bananas	45,740	16,350		1,027,823	14,387			
Guava	324	117		38,171	102			
Lemons	235	98		28,553	86			
Mangos	5,940	1,958		269,877	1,774			
Oranges	774	451		108,517	445			
Papayas	1,410	540		145,055	507			
Pineapples	622	167		16,500	167			
Stimulant	285,383	136,111		2,341,715	119,086			
Chat	65,549	37,731		616,441	28,690			
Coffee	217,307	97,551		2,142,813	89,613			
Hops/'Gesho'	2,527	830		98,517	783			
Enset	337,319	247,027		3,389,754	244,214			
Sugar Cane	17,005	8,342		458,984	5,976			
Other	7,085	2,247		475,568	1,784			

(Table 1: cont'd.)

SNNP Region, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	176,930	21,405	14,581	926,746	312,483	574,602	276,714	61,689	65,176
Cereals	61,174	12,372	6,456	814,243	267,562	468,762	184,120	43,972	39,695
Teff	16,806	5,838	2,834	283,414	65,299	105,548	68,190	16,283	14,192
Barley	8,667	496	318	165,068	17,095	34,559	31,554	2,791	2,790
Wheat	7,860	646	518	257,101	56,486	113,598	23,384	3,298	4,184
Maize	25,837	4,395	2,280	436,564	115,084	193,780	86,284	20,232	17,016
Sorghum	7,054	900	443	86,608	11,375	18,716	12,358	1,197	1,230
Finger millet	*	*	*	17,782	1,567	1,988	*	*	*
Oats/'Aja'	*	*	*	*	*	*	-	-	-
Rice	*	*	*	*	*	*	-	-	-
Pulse	31,567	1,333	1,030	248,463	14,267	26,350	134,716	15,486	16,432
Horse/Faba beans	5,102	253	141	59,083	3,361	6,009	55,490	4,278	5,522
Field peas	3,303	64	59	27,979	1,294	1,975	36,636	3,332	3,270
White Haricot beans	*	*	*	*	*	*	*	14	*
Red Haricot beans	20,677	731	591	163,844	7,187	14,106	63,356	7,632	7,495
Chick peas	*	*	*	6,516	*	1,836	*	*	*
Lentils	*	*	*	*	*	*	541	20	11
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	*	*	*	*	*	*	-	-	-
Fenugreek	*	*	*	*	*	*	-	-	-
Mung bean/'Masho'	*	*	*	861	*	*	*	*	*
Gibto	-	-	-	*	*	*	-	-	-
Oil Seeds	-	-	-	6,148	90	218	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	2,877	40	78	*	*	*
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	*	*	*	*	*	*
Sesame	-	-	-	*	*	*	*	*	*
Rapeseed	-	-	-	2,289	31	78	*	*	*
Vegetables	23,032	865	776	142,144	17,180	44,660	8,380	197	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	5,874	*	*	*	*	*
Ethiopian Cabbage	13,860	171	158	38,198	834	*	5,261	82	124
Tomatoes	*	*	*	*	*	*	*	*	*
Green peppers	*	*	*	*	*	*	*	*	*
Red papers	6,218	*	*	98,442	15,965	41,206	*	110	*
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	39,267	1,418	1,199	79,676	4,185	9,339	28,836	575	883
Beet root	2,914	*	*	*	*	*	*	*	*
Carrot	*	*	*	*	*	*	-	-	-
Onion	*	*	*	4,902	*	*	2,919	60	*
Potatoes	5,639	*	140	45,851	3,166	6,638	14,070	260	441
Yam	-	-	-	*	*	*	-	-	-
Garlic	*	*	*	2,260	*	*	*	*	*
Taro/'Godere'	17,111	649	579	10,874	231	631	*	*	*
Sweet potatoes	13,646	497	392	13,067	163	468	7,824	177	243
Other Temporary	14,713	401	*	50,734	2,507	6,590	8,362	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

SNNP Region, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	543,090	216,339	411,125	5,041,159	1,765,984	628,699	1,051,276	260,369	138,910
Cereals	528,777	195,289	336,951	2,413,253	644,575	452,074	808,752	240,568	132,045
Teff	211,878	65,909	95,568	951,554	227,442	110,232	88,746	18,658	7,867
Barley	184,541	19,584	33,827	770,236	82,669	110,650	12,904	1,368	1,579
Wheat	192,583	47,447	99,483	468,119	85,725	146,515	196,526	41,487	72,674
Maize	216,622	57,178	93,293	951,796	144,282	54,472	633,455	178,433	49,728
Sorghum	47,669	4,780	14,414	597,220	97,066	26,218	3,139	424	*
Finger millet	*	*	*	42,485	3,427	1,338	*	*	*
Oats/'Aja'	*	*	*	8,912	*	89	-	-	-
Rice	-	-	-	13,270	3,700	2,560	-	-	-
Pulse	144,279	10,115	23,283	2,286,258	218,861	175,331	135,516	6,713	6,865
Horse/Faba beans	45,395	2,675	4,999	811,763	66,075	67,369	8,472	950	1,353
Field peas	25,240	1,734	3,138	437,451	47,328	31,941	*	*	*
White Haricot	*	*	*	59,023	3,994	*	*	*	*
Red Haricot beans	85,701	5,109	14,096	1,407,205	89,269	65,908	115,054	4,737	4,769
Chick peas	*	*	*	81,690	9,458	4,947	*	*	*
Lentils	*	*	*	11,172	462	192	*	*	*
Vetch/Grass peas	*	*	*	7,416	*	*	-	-	-
Soya beans	-	-	-	11,442	204	*	*	*	*
Fenugreek	*	*	*	20,573	372	*	-	-	-
Mung bean/'Masho'	-	-	-	7,646	*	224	*	*	*
Gibto	-	-	-	*	*	*	-	-	-
Oil Seeds	3,341	83	600	132,422	5,303	1,294	*	*	-
Nueg	-	-	-	*	*	*	-	-	-
Linseed	*	*	*	46,958	930	386	-	-	-
Ground nuts	-	-	-	12,249	606	298	-	-	-
Safflower	*	*	*	9,949	182	60	-	-	-
Sesame	-	-	-	7,850	*	*	*	*	-
Rapeseed	1,491	*	*	55,222	1,765	198	*	*	-
Vegetables	47,540	5,014	21,948	2,548,007	52,023	-	22,801	938	-
Lettuce	-	-	-	3,125	*	-	*	*	-
Head Cabbage	*	*	*	78,340	1,115	-	11,985	*	-
Ethiopian Cabbage	14,334	146	1,442	2,304,344	25,270	-	1,585	18	-
Tomatoes	*	*	*	78,704	848	-	*	*	-
Green peppers	*	*	*	369,913	1,789	-	*	*	-
Red papers	28,960	4,028	16,218	273,013	22,916	-	*	*	-
Swiss chard	*	*	*	19,141	62	-	2,427	1	-
Root Crops	78,244	4,062	16,012	2,417,745	97,898	-	43,196	1,124	-
Beet root	2,356	*	*	96,216	574	-	11,582	43	-
Carrot	*	*	*	34,772	288	-	11,968	17	-
Onion	4,738	*	*	145,138	1,329	-	7,859	*	-
Potatoes	59,108	3,210	13,010	310,191	11,255	-	*	*	-
Yam	*	*	*	403,247	5,448	-	*	*	-
Garlic	*	*	*	129,935	868	-	*	*	-
Taro/'Godere'	4,235	43	*	1,531,390	42,329	-	*	*	-
Sweet potatoes	*	*	*	1,011,483	35,807	-	*	*	-
Other Temporary	24,016	685	4,261	1,703,336	42,856	-	*	*	-
Fruit Crops	24,009	459	3,629	2,666,574	68,489				
Avocado				1,454,477	13,504				
Bananas				1,932,952	45,718				
Guava				87,865	324				
Lemons				86,014	235				
Mangos				696,771	5,925				
Oranges				200,968	771				
Papayas				340,696	1,390				
Pineapples				49,252	622				
Stimulant Crops	1,555	28	384	3,509,764	275,429		112,177	9,954	-
Chat				1,156,505	65,285				
Coffee				3,201,992	207,622		103,363	9,685	-
Hops/'Geshe'				267,264	2,522				
Enset				4,327,383	336,572				
Sugar Cane				949,331	17,005				
Other Permanent				1,112,340	6,974				

(Table 1: Cont'd) **SNNP Region, 2016/17**

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	818,547	267,706	198,670	44,695	1,686,472	531,146
Cereals	695,126	242,575	35,273	8,353	1,373,892	443,775
<i>Teff</i>	410,747	115,178	*	*	485,120	118,912
<i>Barley</i>	150,364	14,166	*	*	232,925	26,689
<i>Wheat</i>	336,380	88,588	1,108	*	358,242	77,048
<i>Maize</i>	29,859	7,898	24,362	6,644	726,023	205,236
<i>Sorghum</i>	56,681	14,819	*	*	117,870	14,055
<i>Finger millet</i>	7,520	881	-	-	17,482	1,357
<i>Oats/'Aja'</i>	*	*	-	-	*	*
<i>Rice</i>	3,644	1,044	-	-	*	*
Pulse	49,009	5,900	9,026	*	641,375	57,352
<i>Horse/Faba beans</i>	25,975	2,199	*	*	137,413	13,935
<i>Field peas</i>	9,442	951	-	-	62,355	5,708
<i>White Haricot beans</i>	-	-	*	*	*	*
<i>Red Haricot beans</i>	14,141	*	*	*	465,559	34,899
<i>Chick peas</i>	*	*	*	*	23,562	1,538
<i>Lentils</i>	*	*	-	-	*	*
<i>Vetch/Grass peas</i>	*	*	-	-	-	-
<i>Soya beans</i>	-	-	*	*	1,981	*
<i>Fenugreek</i>	-	-	-	-	*	*
<i>Mung bean/'Masho'</i>	-	-	*	*	2,893	*
<i>Gibto</i>	-	-	-	-	-	-
Oil Seeds	*	*	*	*	10,257	399
<i>Nueg</i>	-	-	-	-	*	*
<i>Linseed</i>	*	*	-	-	2,603	*
<i>Ground nuts</i>	-	-	-	-	*	*
<i>Safflower</i>	-	-	-	-	*	*
<i>Sesame</i>	-	-	*	*	*	*
<i>Rapeseed</i>	*	*	*	*	4,247	*
Vegetables	70,925	4,750	41,947	844	114,339	6,316
<i>Lettuce</i>	-	-	*	*	*	*
<i>Head Cabbage</i>	8,331	*	*	*	11,455	*
<i>Ethiopian Cabbage</i>	42,211	649	33,783	273	53,362	714
<i>Tomatoes</i>	4,541	*	4,068	*	5,299	*
<i>Green peppers</i>	*	*	*	*	5,362	*
<i>Red papers</i>	23,423	3,198	*	*	46,089	4,952
<i>Swiss chard</i>	-	-	*	*	*	*
Root Crops	52,099	4,382	27,036	*	197,946	7,915
<i>Beet root</i>	*	*	4,819	*	8,920	*
<i>Carrot</i>	*	*	*	*	8,181	*
<i>Onion</i>	*	*	6,861	*	15,954	563
<i>Potatoes</i>	44,485	3,904	*	*	92,536	4,224
<i>Yam</i>	*	*	*	*	*	*
<i>Garlic</i>	*	*	*	*	4,086	*
<i>Taro/'Godere'</i>	1,451	*	*	*	26,909	780
<i>Sweet potatoes</i>	*	*	*	*	56,526	2,087
Other Temporary	13,110	570	28,701	*	100,737	4,184
Fruit Crops	14,241	106	104,128	*	69,904	1,805
<i>Avocado</i>	4,121	45	*	*	13,682	173
<i>Bananas</i>	2,125	*	68,923	*	51,037	1,475
<i>Guava</i>	-	-	*	*	*	*
<i>Lemons</i>	*	*	*	*	*	*
<i>Mangos</i>	2,687	*	19,759	*	8,097	140
<i>Oranges</i>	*	*	*	*	*	*
<i>Papayas</i>	*	*	18,289	*	2,495	*
<i>Pineapples</i>	-	-	*	*	-	-
Stimulant Crops	107,589	8,341	113,903	*	166,433	6,093
<i>Chat</i>	*	*	*	*	53,046	1,581
<i>Coffee</i>	33,205	*	96,025	2,482	136,659	4,464
<i>Hops/'Gesho'</i>	*	*	*	*	5,059	*
Enset	13,506	*	*	*		
Sugar Cane	2,263	*	*	*	17,672	*
Other Permanent	3,641	*	28,834	*	21,971	479

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Gurage-Zene

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	154,456	133,638	150,779	246,024	38,366	46,533	14,127	11,062
Cereals	96,349	85,860	124,644	42,647	2,123	33,890	*	8,786
Teff	28,620	26,050	28,819	*	*	*	*	*
Barley	10,385	10,109	17,832	9,893	290	12,464	*	*
Wheat	*	*	26,777	2,916	59	12,038	1,089	841
Maize	32,151	29,078	50,906	28,889	1,685	9,870	*	*
Sorghum	*	*	*	*	*	*	*	*
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	*	*	*	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	12,917	5,972	6,369	70,397	1,798	15,452	2,039	2,102
Horse/Faba beans	3,448	2,588	1,614	48,090	1,571	9,425	457	499
Field peas	3,372	1,846	2,482	2,987	*	6,956	*	*
White Haricot	111	*	*	8,696	52	-	-	-
Red Haricot beans	*	97	*	13,638	29	-	-	-
Chick peas	*	*	*	*	*	*	*	*
Lentils	*	*	*	-	-	-	-	-
Vetch/Grass peas	*	*	-	*	*	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	*	*	-	*	*	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-	-	-
Gibto	*	-	-	-	-	-	-	-
Oil Seeds	*	*	*	4,996	*	-	-	-
Nueg	*	-	-	-	-	-	-	-
Linseed	*	*	*	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-
Safflower	*	*	-	*	*	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	*	*	-	4,996	*	-	-	-
Vegetables	8,868	8,621	16,536	130,032	1,990	*	*	*
Lettuce	*	*	-	*	*	-	-	-
Head Cabbage	*	*	*	*	*	-	-	-
Ethiopian	2,065	1,880	*	122,769	1,842	-	-	-
Tomatoes	*	*	*	1,315	*	-	-	-
Green peppers	*	*	*	8,303	*	-	-	-
Red papers	*	*	*	*	*	*	*	*
Swiss chard	*	*	-	8,570	*	-	-	-
Root Crops	1,309	1,200	*	78,532	806	*	*	*
Beet root	*	*	*	*	*	-	-	-
Carrot	6	5	*	6,271	4	*	*	*
Onion	*	*	*	*	*	*	*	*
Potatoes	*	*	*	4,510	*	*	*	*
Yam	8	8	-	8,409	8	-	-	-
Garlic	*	*	*	25,147	*	*	*	*
Taro/'Godere'	512	441	-	41,082	441	-	-	-
Sweet potatoes	*	*	-	1,341	*	-	-	-
Other Temporary	570	463	*	52,199	272	*	*	*
Fruit Crops	1,544	1,330		112,288	1,325			
Avocado	758	681		80,971	678			
Bananas	245	207		27,716	207			
Guava	35	17		5,416	17			
Lemons	24	17		7,447	17			
Mangos	191	142		20,008	142			
Oranges	247	226		44,165	226			
Papayas	45	39		16,696	38			
Pineapples	-	-		-	-			
Stimulant Crops	10,643	9,168		148,736	9,138			
Chat	6,129	5,117		90,874	5,092			
Coffee	3,934	3,656		123,317	3,652			
Hops/'Gesho'	*	*		36,283	*			
Enset	20,743	20,599		203,828	20,498			
Sugar Cane	*	*		18,413	*			
Other	275	187		54,368	182			

(Table 1: cont'd.)

Gurage-Zone, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	14,817	2,571	1,749	134,036	54,892	104,038	*	*	*
Cereals	10,016	1,784	1,019	128,639	47,503	86,266	*	*	*
Teff	*	*	*	24,107	12,436	17,283	*	*	*
Barley	*	*	*	58,908	7,693	15,419	-	-	-
Wheat	2,193	255	192	41,322	7,809	13,455	*	*	*
Maize	3,964	421	234	48,648	19,558	40,085	*	*	*
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	25,567	1,631	3,395	*	*	*
Horse/Faba beans	*	*	*	12,636	406	851	*	*	*
Field peas	-	-	-	11,100	600	*	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	*	*	*	*	*	*
Chick peas	*	*	*	*	*	*	-	-	-
Lentils	-	-	-	*	*	*	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	4,048	*	*	21,020	*	*	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	*	*	*	*	*	*	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	*	*	*	20,709	*	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	4,350	120	369	-	-	-
Beet root	*	*	*	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	*	*	*	-	-	-
Potatoes	-	-	-	*	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	*	*	*	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	*	*	*	*	*	*	*	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Gurage-Zone, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	21,304	*	*	280,306	108,641	56,931	99,242	45,815	22,941
Cereals	20,425	*	*	166,878	51,860	45,338	82,043	44,490	22,857
Teff	11,769	*	*	50,314	23,280	6,642	9,503	*	*
Barley	-	-	-	79,053	10,162	16,471	2,583	*	*
Wheat	*	*	*	50,113	*	20,529	*	*	*
Maize	*	*	*	41,390	2,075	927	77,036	30,076	7,476
Sorghum	*	*	*	20,367	*	752	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	130,475	12,628	11,369	*	*	*
Horse/Faba beans	*	*	*	83,647	3,420	4,643	*	*	*
Field peas	*	*	*	27,710	3,372	3,333	-	-	-
White Haricot	*	*	*	11,613	111	*	-	-	-
Red Haricot beans	*	*	*	27,010	*	*	*	*	*
Chick peas	-	-	-	14,646	*	*	*	*	*
Lentils	*	*	*	1,219	*	*	-	-	-
Vetch/Grass peas	-	-	-	*	*	*	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	*	*	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	*	*	-	-	-	-
Oil Seeds	-	-	-	12,446	*	*	-	-	-
Nueg	-	-	-	*	*	*	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	*	*	*	-	-	-
Vegetables	*	*	*	156,230	8,288	-	8,291	*	-
Lettuce	-	-	-	*	*	-	*	*	-
Head Cabbage	*	*	*	*	*	-	*	*	-
Ethiopian Cabbage	-	-	-	136,972	2,062	-	*	*	-
Tomatoes	*	*	*	*	*	-	*	*	-
Green peppers	*	*	*	9,894	*	-	-	-	-
Red papers	-	-	-	26,085	*	-	*	*	-
Swiss chard	-	-	-	*	*	-	*	*	-
Root Crops	*	*	*	89,333	1,057	-	6,886	*	-
Beet root	-	-	-	*	*	-	*	*	-
Carrot	-	-	-	6,190	4	-	*	*	-
Onion	*	*	*	12,584	*	-	*	*	-
Potatoes	*	*	*	8,352	73	-	*	*	-
Yam	-	-	-	8,997	8	-	-	-	-
Garlic	-	-	-	27,486	*	-	-	-	-
Taro/'Godere'	-	-	-	45,387	512	-	-	-	-
Sweet potatoes	-	-	-	1,513	*	-	*	*	-
Other Temporary	*	*	*	70,153	570	-	-	-	-
Fruit Crops	*	*	*	125,456	1,510				
Avocado				88,743	735				
Bananas				36,603	245				
Guava				8,045	35				
Lemons				10,149	24				
Mangos				26,442	186				
Oranges				49,944	246				
Papayas				19,717	40				
Pineapples				-	-				
Stimulant Crops	-	-	-	176,074	10,547		6,239	96	-
Chat				107,993	6,111				
Coffee				131,116	3,861		5,837	73	-
Hops/'Gesho'				54,354	*				
Enset				207,978	20,692				
Sugar Cane				20,612	*				
Other Permanent				79,854	252				

(Table 1: Cont'd) Gurage-Zone, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	76,590	43,000	*	*	123,954	68,082
Cereals	65,487	39,185	*	*	110,036	64,241
Teff	33,645	18,997	-	-	20,074	*
Barley	5,863	326	*	*	26,664	3,532
Wheat	39,350	*	*	*	35,960	*
Maize	3,618	*	*	*	77,070	29,709
Sorghum	*	*	-	-	*	*
Finger millet	-	-	-	-	-	-
Oats/'Aja'	*	*	-	-	*	*
Rice	-	-	-	-	-	-
Pulse	6,436	709	-	-	25,921	1,830
Horse/Faba beans	*	*	-	-	15,178	718
Field peas	*	*	-	-	8,349	707
White Haricot beans	-	-	-	-	*	*
Red Haricot beans	-	-	-	-	4,354	*
Chick peas	*	*	-	-	*	*
Lentils	*	*	-	-	*	*
Vetch/Grass peas	*	*	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	*	*	*	*	*	*
Nueg	-	-	-	-	*	*
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	*	*	*	*	-	-
Vegetables	*	*	*	*	13,496	*
Lettuce	-	-	-	-	-	-
Head Cabbage	*	*	*	*	*	*
Ethiopian Cabbage	*	*	*	*	4,964	53
Tomatoes	*	*	*	*	*	*
Green peppers	*	*	*	*	*	*
Red papers	*	*	*	*	*	*
Swiss chard	-	-	*	*	*	*
Root Crops	*	*	*	*	8,963	*
Beet root	-	-	*	*	*	*
Carrot	-	-	-	-	*	*
Onion	*	*	*	*	*	*
Potatoes	*	*	*	*	*	*
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	*	*
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	*	*	*	*	4,329	78
Fruit Crops	*	*	*	*	1,882	*
Avocado	*	*	*	*	*	*
Bananas	*	*	*	*	*	*
Guava	-	-	*	*	-	-
Lemons	*	*	*	*	-	-
Mangos	-	-	*	*	*	*
Oranges	*	*	*	*	-	-
Papayas	*	*	*	*	*	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	*	*	3,538	*
Chat	*	*	*	*	*	*
Coffee	*	*	*	*	*	*
Hops/'Gesho'	*	*	*	*	*	*
Enset	*	*	*	*		
Sugar Cane	-	-	*	*	*	*
Other Permanent	*	*	*	*	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Hadiya

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	167,907	148,112	203,130	275,442	29,482	99,757	23,248	23,507
Cereals	107,641	103,574	174,804	43,031	2,060	75,606	16,616	16,769
Teff	38,850	38,661	56,090	*	*	36,681	8,527	8,227
Barley	7,477	7,377	17,882	6,481	201	19,718	796	1,121
Wheat	35,795	35,709	73,924	*	*	23,944	3,671	4,958
Maize	20,041	19,689	24,133	22,090	1,251	26,067	3,403	2,164
Sorghum	5,183	1,866	*	21,534	574	*	*	*
Finger millet	*	*	*	*	*	*	*	*
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	12,335	11,031	14,453	22,407	342	40,810	4,459	4,329
Horse/Faba beans	7,093	6,815	9,684	*	*	26,691	3,250	3,326
Field peas	2,296	2,188	2,274	*	*	9,284	759	*
White Haricot	*	*	*	*	*	-	-	-
Red Haricot beans	2,725	1,897	*	12,689	134	9,824	401	282
Chick peas	*	*	*	-	-	*	*	*
Lentils	*	*	*	-	-	*	*	*
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	*	-	-	-	-	-	-	-
Fenugreek	*	*	*	*	*	*	*	*
Mung bean/'Masho"	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	1,011	493	*	4,231	*	2,628	*	*
Nueg	-	-	-	-	-	-	-	-
Linseed	*	*	*	*	*	*	*	*
Ground nuts	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	885	403	*	*	*	*	*	*
Vegetables	5,132	4,651	*	221,641	3,086	*	*	*
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	112	*	*	11,111	*	-	-	-
Ethiopian	3,683	3,371	*	216,155	2,778	*	*	*
Tomatoes	238	160	*	20,920	157	-	-	-
Green peppers	122	67	*	20,971	57	-	-	-
Red papers	*	*	*	*	*	*	*	*
Swiss chard	*	*	-	*	*	-	-	-
Root Crops	4,790	3,297	3,278	85,903	1,294	11,064	*	*
Beet root	68	60	*	26,109	53	*	*	*
Carrot	32	*	*	3,522	*	-	-	-
Onion	17	12	-	11,277	12	-	-	-
Potatoes	2,096	2,012	3,252	4,301	28	10,649	*	*
Yam	56	*	-	*	*	-	-	-
Garlic	*	*	*	2,287	*	-	-	-
Taro/'Godere'	2,332	*	*	43,433	*	-	-	-
Sweet potatoes	*	19	-	3,793	19	-	-	-
Other Temporary	1,647	1,278	820	94,349	951	*	*	*
Fruit Crops	4,312	1,546		110,265	1,164			
Avocado	864	331		59,179	300			
Bananas	3,033	1,071		75,385	751			
Guava	*	*		*	*			
Lemons	*	*		*	*			
Mangos	*	*		14,455	*			
Oranges	32	*		3,599	*			
Papayas	*	*		10,602	*			
Pineapples	-	-		-	-			
Stimulant Crops	9,701	4,038		116,530	2,410			
Chat	1,485	785		36,978	725			
Coffee	8,127	3,202		98,074	1,635			
Hops/'Gesho'	89	51		11,703	50			
Enset	17,999	16,833		240,239	16,795			
Sugar Cane	3,099	1,220		38,867	1,101			
Other	240	151		31,807	69			

(Table 1: cont'd.)

Hadiya, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	11,024	*	*	162,960	68,566	125,347	31,420	2,923	4,310
Cereals	*	*	*	160,310	63,278	113,075	13,838	967	1,513
Teff	*	*	*	90,215	20,759	35,022	*	*	*
Barley	*	*	*	43,383	3,838	9,039	*	*	*
Wheat	-	-	-	84,416	22,819	45,289	*	*	*
Maize	*	*	*	58,771	14,820	21,738	-	-	-
Sorghum	*	*	*	*	*	*	*	*	*
Finger millet	-	-	-	*	*	*	*	*	*
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	22,106	2,200	3,881	22,363	1,943	2,772
Horse/Faba beans	-	-	-	12,588	1,585	2,957	14,992	916	*
Field peas	-	-	-	3,172	*	181	*	*	833
White Haricot beans	-	-	-	*	*	*	-	-	-
Red Haricot beans	*	*	*	6,364	*	*	*	*	*
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	*	*	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	3,366	*	*	11,826	*	*	*	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	*	*	-	-	-
Ethiopian Cabbage	2,814	*	*	*	*	*	*	*	*
Tomatoes	-	-	-	-	-	-	*	*	*
Green peppers	*	*	*	*	*	*	-	-	-
Red papers	-	-	-	*	*	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	*	1,182	2,456	-	-	-
Beet root	*	*	*	*	*	*	-	-	-
Carrot	-	-	-	*	*	*	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	*	1,172	2,440	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	*	*	*	-	-	-
Taro/'Godere'	*	*	*	*	*	*	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	*	*	*	8,399	*	*	*	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Hadiya, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	61,584	22,817	49,415	299,465	143,853	117,370	99,346	24,055	20,560
Cereals	60,136	19,879	43,165	247,553	84,263	103,557	94,464	23,378	19,959
Teff	26,594	*	*	136,332	34,029	17,510	22,666	4,821	2,128
Barley	22,851	*	*	92,355	7,442	20,539	*	*	*
Wheat	31,929	8,819	22,785	114,665	28,834	58,668	33,501	6,961	14,496
Maize	*	*	*	60,041	8,532	5,244	52,789	11,509	3,180
Sorghum	*	*	*	81,576	5,130	1,464	*	*	*
Finger millet	*	*	*	*	*	*	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	16,041	1,986	3,387	128,209	11,763	13,731	*	*	*
Horse/Faba beans	*	*	*	70,158	6,557	9,573	*	*	*
Field peas	*	*	*	24,760	2,296	2,392	-	-	-
White Haricot	-	-	-	*	*	*	-	-	-
Red Haricot beans	*	*	*	53,350	2,688	1,653	*	*	*
Chick peas	-	-	-	*	*	*	-	-	-
Lentils	*	*	*	*	*	*	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	*	*	-	-	-	-
Fenugreek	-	-	-	*	*	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibbo	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	12,497	1,011	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	3,395	*	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	9,102	885	6	-	-	-
Vegetables	*	*	*	248,616	5,099	-	1,832	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	14,197	*	-	*	*	-
Ethiopian Cabbage	*	*	*	239,666	3,683	-	-	-	-
Tomatoes	-	-	-	27,524	233	-	*	*	-
Green peppers	*	*	*	28,232	122	-	-	-	-
Red papers	*	*	*	17,960	*	-	-	-	-
Swiss chard	-	-	-	*	*	-	-	-	-
Root Crops	*	*	*	136,085	4,788	-	*	*	-
Beet root	*	*	*	33,779	68	-	-	-	-
Carrot	*	*	*	7,022	*	-	*	*	-
Onion	-	-	-	16,067	17	-	-	-	-
Potatoes	*	*	*	32,565	2,096	-	-	-	-
Yam	-	-	-	14,053	56	-	-	-	-
Garlic	-	-	-	3,214	*	-	-	-	-
Taro/'Godere'	-	-	-	69,477	2,332	-	-	-	-
Sweet potatoes	-	-	-	9,795	*	-	-	-	-
Other Temporary	*	*	*	131,931	1,647	-	-	-	-
Fruit Crops	*	*	*	164,013	4,310				
Avocado				103,333	862				
Bananas				123,161	3,033				
Guava				*	*				
Lemons				*	*				
Mangos				33,029	*				
Oranges				9,076	32				
Papayas				13,708	*				
Pineapples				-	-				
Stimulant Crops	-	-	-	172,662	9,635		*	*	-
Chat				58,302	1,485				
Coffee				148,086	8,060		*	*	-
Hops/'Gesho'				22,560	89				
Enset				262,724	17,999				
Sugar Cane				70,974	3,099				
Other Permanent				77,763	239				

(Table 1: Cont'd) Hadiya, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	207,675	74,384	2,931	*	126,061	41,443
Cereals	197,462	70,437	-	-	116,377	36,065
Teff	125,049	34,290	-	-	45,261	12,027
Barley	61,313	5,420	-	-	14,983	*
Wheat	113,782	30,292	-	-	49,456	11,548
Maize	*	*	-	-	44,921	10,136
Sorghum	*	*	-	-	*	*
Finger millet	-	-	-	-	*	*
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	7,954	*	-	-	29,472	3,276
Horse/Faba beans	*	*	-	-	18,893	2,868
Field peas	*	*	-	-	*	*
White Haricot beans	-	-	-	-	*	*
Red Haricot beans	*	*	-	-	8,744	307
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	*	*
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	*	*	-	-	-	-
Nueg	-	-	-	-	-	-
Linseed	*	*	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	16,282	*	*	*	13,003	*
Lettuce	-	-	-	-	-	-
Head Cabbage	*	*	-	-	*	*
Ethiopian Cabbage	9,712	*	*	*	7,544	*
Tomatoes	*	*	*	*	*	*
Green peppers	*	*	-	-	*	*
Red papers	*	*	-	-	*	*
Swiss chard	-	-	-	-	-	-
Root Crops	*	*	-	-	*	*
Beet root	*	*	-	-	*	*
Carrot	-	-	-	-	*	*
Onion	-	-	-	-	-	-
Potatoes	*	*	-	-	*	*
Yam	-	-	-	-	-	-
Garlic	*	*	-	-	*	*
Taro/'Godere'	*	*	-	-	*	*
Sweet potatoes	-	-	-	-	-	-
Other Temporary	2,377	*	*	*	*	*
Fruit Crops	1,965	*	-	-	4,431	*
Avocado	*	*	-	-	*	*
Bananas	*	*	-	-	2,625	*
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	*	*	-	-	*	*
Oranges	-	-	-	-	-	-
Papayas	-	-	-	-	*	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	3,222	*	-	-	9,150	*
Chat	*	*	-	-	*	*
Coffee	1,819	*	-	-	8,242	*
Hops/'Gesho'	-	-	-	-	-	-
Enset	*	*	*	*		
Sugar Cane	2,263	*	*	*	*	*
Other Permanent	*	*	*	*	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Kembata Alaba Tembaro

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	60,951	55,822	96,977	133,306	17,845	27,565	3,031	2,554
Cereals	32,091	30,762	71,370	16,567	702	12,943	1,753	1,256
Teff	11,223	11,219	23,122	-	-	*	*	*
Barley	1,844	1,801	4,916	2,857	35	3,411	*	*
Wheat	13,070	13,064	38,952	2,720	123	1,758	162	240
Maize	*	*	*	3,397	107	*	*	*
Sorghum	2,069	1,020	*	9,665	434	*	*	*
Finger millet	*	*	*	-	-	*	*	*
Oats/'Aja'	*	*	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	4,720	4,128	5,224	29,353	680	16,103	1,014	980
Horse/Faba beans	2,902	2,732	4,075	13,471	273	10,265	814	817
Field peas	897	735	731	3,345	85	2,891	94	73
White Haricot	-	-	-	-	-	-	-	-
Red Haricot beans	790	593	413	15,560	261	4,818	*	87
Chick peas	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	*	*	-	*	*	-	-	-
Soya beans	*	*	*	*	*	-	-	-
Fenugreek	*	*	*	*	*	*	*	*
Mung bean/'Masho'	-	-	-	-	-	-	-	-
Gibto	*	*	*	-	-	*	*	*
Oil Seeds	*	*	*	864	*	*	*	*
Nueg	*	*	-	*	*	-	-	-
Linseed	*	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	*	*	*	*	*	*	*	*
Vegetables	1,983	1,844	*	96,655	1,080	*	*	*
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	2,586	*	*	*	*
Ethiopian	1,030	959	*	93,860	914	*	*	*
Tomatoes	*	*	*	8,480	*	*	*	*
Green peppers	27	25	*	8,352	24	*	*	*
Red papers	*	*	*	1,484	*	*	*	*
Swiss chard	*	*	-	*	*	-	-	-
Root Crops	5,870	5,103	12,942	63,787	2,113	4,417	114	125
Beet root	*	70	65	4,550	34	*	*	*
Carrot	*	*	*	1,464	*	-	-	-
Onion	*	*	*	2,652	3	*	*	*
Potatoes	2,503	2,489	11,751	6,849	71	2,106	60	72
Yam	*	24	*	3,646	23	-	-	-
Garlic	20	12	*	1,187	*	-	-	-
Taro/'Godere'	2,296	1,780	414	48,060	1,485	*	*	*
Sweet potatoes	731	573	103	22,044	478	*	*	*
Other Temporary	750	634	1,431	47,828	321	*	*	*
Fruit Crops	2,405	1,709		70,718	1,586			
Avocado	465	325		46,564	320			
Bananas	1,722	1,251		59,067	1,137			
Guava	*	*		*	*			
Lemons	8	7		3,892	7			
Mangos	170	93		20,237	90			
Oranges	17	15		4,716	15			
Papayas	19	17		7,266	17			
Pineapples	*	*		*	*			
Stimulant Crops	3,868	2,986		79,316	2,742			
Chat	470	175		6,924	157			
Coffee	3,313	2,748		77,484	2,537			
Hops/'Gesho'	85	62		10,042	48			
Enset	8,713	8,434		125,934	8,431			
Sugar Cane	370	139		23,801	125			
Other	118	65		30,059	62			

(Table 1: cont'd.)

Kembata Alaba Tembaro, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	10,046	429	366	51,655	12,912	28,351	30,278	3,014	6,017
Cereals	*	*	*	48,718	11,024	23,754	16,510	1,488	2,435
Teff	*	*	*	28,468	4,175	8,421	6,777	574	*
Barley	-	-	-	9,902	580	*	3,738	*	*
Wheat	*	*	*	31,964	5,196	13,118	3,339	249	455
Maize	-	-	-	*	*	*	*	*	*
Sorghum	-	-	-	1,921	*	*	*	*	*
Finger millet	-	-	-	*	*	*	*	*	*
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	1,277	21	14	9,909	617	992	18,619	1,321	1,996
Horse/Faba beans	*	*	*	7,077	398	719	12,679	788	1,338
Field peas	-	-	-	3,340	193	249	4,219	*	395
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	*	*	*	*	*	*	5,110	178	*
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	*	*	*	-	-	-	-	-	-
Fenugreek	*	*	*	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	*	*	*
Vegetables	*	*	*	3,154	*	*	1,007	*	23
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	*	*	*	-	-	-
Ethiopian Cabbage	*	*	*	-	-	-	1,007	*	23
Tomatoes	-	-	-	*	*	*	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	*	*	*	*	*	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	6,033	208	177	14,703	894	2,463	3,864	129	*
Beet root	*	*	*	*	*	*	-	-	-
Carrot	*	*	*	*	*	*	-	-	-
Onion	-	-	-	*	*	*	-	-	-
Potatoes	*	*	*	12,396	759	2,133	*	*	*
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	*	*	*
Taro/'Godere'	3,753	144	117	*	*	*	*	*	*
Sweet potatoes	1,977	*	33	*	*	*	*	*	*
Other Temporary	1,522	*	*	3,002	*	*	*	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Kembata Alaba Tembaro, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	55,326	18,593	59,688	140,632	50,752	30,321	53,847	10,199	13,146
Cereals	53,549	15,700	43,848	109,818	22,036	25,476	51,110	10,056	13,120
Teff	27,912	5,806	12,983	61,021	10,094	4,861	11,542	1,129	454
Barley	14,426	751	2,621	33,549	1,802	4,674	*	*	*
Wheat	37,848	7,308	25,121	52,210	7,261	15,335	33,328	5,809	11,648
Maize	*	*	*	6,392	*	154	*	*	*
Sorghum	*	*	*	30,096	2,069	424	-	-	-
Finger millet	-	-	-	*	*	*	-	-	-
Oats/'Aja'	*	*	*	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	6,292	473	1,242	77,368	4,676	4,811	*	*	*
Horse/Faba beans	5,557	451	1,196	49,964	2,902	3,635	-	-	-
Field peas	*	*	*	17,030	897	707	-	-	-
White Haricot	-	-	-	-	-	-	-	-	-
Red Haricot beans	*	*	*	30,706	746	468	*	*	*
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	*	*	-	-	-	-
Soya beans	-	-	-	*	*	-	-	-	-
Fenugreek	-	-	-	1,391	*	1	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	*	*	*	-	-	-
Oil Seeds	*	*	*	3,352	*	*	-	-	-
Nueg	-	-	-	*	*	*	-	-	-
Linseed	-	-	-	1,041	*	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	*	*	*	*	*	*	-	-	-
Vegetables	*	*	*	103,417	1,901	-	*	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	8,692	*	-	*	*	-
Ethiopian Cabbage	*	*	*	98,640	1,028	-	*	*	-
Tomatoes	-	-	-	10,842	*	-	-	-	-
Green peppers	-	-	-	9,497	27	-	-	-	-
Red papers	*	*	*	6,178	*	-	-	-	-
Swiss chard	-	-	-	*	*	-	-	-	-
Root Crops	17,765	1,645	9,870	92,672	5,870	-	-	-	-
Beet root	*	*	*	8,536	*	-	-	-	-
Carrot	*	*	*	*	*	-	-	-	-
Onion	*	*	*	3,909	*	-	-	-	-
Potatoes	15,497	1,497	9,253	38,276	2,503	-	-	-	-
Yam	*	*	*	4,053	*	-	-	-	-
Garlic	*	*	*	2,154	20	-	-	-	-
Taro/'Godere'	*	*	*	56,725	2,296	-	-	-	-
Sweet potatoes	*	*	*	27,592	731	-	-	-	-
Other Temporary	2,129	*	*	68,462	750	-	-	-	-
Fruit Crops	2,965	42	514	87,920	2,403				
Avocado				63,359	464				
Bananas				72,753	1,722				
Guava				1,965	*				
Lemons				5,189	8				
Mangos				29,526	169				
Oranges				6,397	17				
Papayas				8,004	19				
Pineapples				*	*				
Stimulant Crops	-	-	-	94,031	3,857		*	*	-
Chat				10,697	470				
Coffee				91,569	3,301		*	*	-
Hops/'Gesho'				18,113	85				
Enset				130,251	8,710				
Sugar Cane				30,901	370				
Other Permanent				48,589	117				

(Table 1: Cont'd) **Kembata Alaba Tembaro, 2016/17**

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	96,767	25,876	*	*	77,058	18,537
Cereals	93,993	22,406	*	*	73,069	15,884
<i>Teff</i>	47,970	7,620	-	-	21,772	2,996
<i>Barley</i>	19,091	1,468	-	-	12,146	794
<i>Wheat</i>	67,422	12,121	*	*	48,373	8,955
<i>Maize</i>	*	*	*	*	*	*
<i>Sorghum</i>	*	*	*	*	*	*
<i>Finger millet</i>	*	*	-	-	-	-
<i>Oats/'Aja'</i>	-	-	-	-	-	-
<i>Rice</i>	-	-	-	-	-	-
Pulse	5,654	520	-	-	16,282	1,334
<i>Horse/Faba beans</i>	5,252	470	-	-	12,119	953
<i>Field peas</i>	*	*	-	-	*	*
<i>White Haricot beans</i>	-	-	-	-	-	-
<i>Red Haricot beans</i>	-	-	-	-	3,982	*
<i>Chick peas</i>	-	-	-	-	-	-
<i>Lentils</i>	-	-	-	-	-	-
<i>Vetch/Grass peas</i>	-	-	-	-	-	-
<i>Soya beans</i>	-	-	-	-	*	*
<i>Fenugreek</i>	-	-	-	-	-	-
<i>Mung bean/'Masho'</i>	-	-	-	-	-	-
<i>Gibto</i>	-	-	-	-	-	-
Oil Seeds	-	-	-	-	*	*
<i>Nueg</i>	-	-	-	-	-	-
<i>Linseed</i>	-	-	-	-	-	-
<i>Ground nuts</i>	-	-	-	-	-	-
<i>Safflower</i>	-	-	-	-	-	-
<i>Sesame</i>	-	-	-	-	-	-
<i>Rapeseed</i>	-	-	-	-	*	*
Vegetables	12,486	557	*	*	2,674	*
<i>Lettuce</i>	-	-	-	-	-	-
<i>Head Cabbage</i>	*	*	-	-	*	*
<i>Ethiopian Cabbage</i>	*	*	*	*	*	*
<i>Tomatoes</i>	*	*	*	*	*	*
<i>Green peppers</i>	*	*	-	-	-	-
<i>Red papers</i>	*	*	-	-	*	*
<i>Swiss chard</i>	-	-	-	-	-	-
Root Crops	26,963	2,337	-	-	10,417	1,016
<i>Beet root</i>	*	*	-	-	*	*
<i>Carrot</i>	*	*	-	-	*	*
<i>Onion</i>	*	*	-	-	-	-
<i>Potatoes</i>	26,138	2,222	-	-	8,576	*
<i>Yam</i>	-	-	-	-	*	*
<i>Garlic</i>	-	-	-	-	-	-
<i>Taro/'Godere'</i>	-	-	-	-	*	*
<i>Sweet potatoes</i>	-	-	-	-	*	*
Other Temporary	*	*	-	-	*	*
Fruit Crops	*	*	-	-	3,104	37
<i>Avocado</i>	*	*	-	-	*	*
<i>Bananas</i>	-	-	-	-	2,731	31
<i>Guava</i>	-	-	-	-	-	-
<i>Lemons</i>	-	-	-	-	-	-
<i>Mangos</i>	-	-	-	-	*	*
<i>Oranges</i>	-	-	-	-	-	-
<i>Papayas</i>	-	-	-	-	-	-
<i>Pineapples</i>	-	-	-	-	-	-
Stimulant Crops	1,505	22	*	*	5,806	100
<i>Chat</i>	*	*	-	-	*	*
<i>Coffee</i>	1,309	14	*	*	5,392	98
<i>Hops/'Gesho'</i>	-	-	-	-	*	*
Enset	*	*	-	-	-	-
Sugar Cane	-	-	-	-	*	*
Other Permanent	-	-	*	*	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Sidama

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	386,443	286,179	101,330	1,441,668	218,399	385,718	29,750	30,407
Cereals	53,467	47,349	51,058	119,629	*	95,128	9,908	8,105
Teff	*	*	*	*	*	17,549	*	*
Barley	11,766	10,207	7,445	28,248	2,364	59,494	6,096	5,125
Wheat	*	*	*	*	*	-	-	-
Maize	31,548	27,446	39,982	98,563	4,720	21,585	1,307	771
Sorghum	*	*	*	-	-	*	*	*
Finger millet	*	*	*	-	-	*	*	*
Oats/'Aja'	*	*	*	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	23,311	19,434	19,471	232,156	*	298,201	9,033	10,965
Horse/Faba	6,939	4,890	*	69,058	1,740	*	*	*
Field peas	*	*	*	*	*	*	*	*
White Haricot	*	*	*	*	*	*	*	*
Red Haricot	14,535	13,343	15,147	159,208	*	237,745	5,596	7,389
Chick peas	*	*	*	-	-	*	*	*
Lentils	*	*	-	*	*	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	*	*	*	-	-	*	*	*
Fenugreek	*	-	-	-	-	-	-	-
Mung	*	*	-	*	*	-	-	-
Gibto	*	*	*	-	-	-	-	-
Oil Seeds	*	*	-	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	*	*	-	*	*	-	-	-
Ground nuts	*	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-
Vegetables	9,229	7,326	2,447	564,862	5,978	56,548	607	864
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	*	*	*	*	*
Ethiopian	7,760	5,988	727	550,928	5,562	32,021	319	474
Tomatoes	*	*	*	-	-	-	-	-
Green peppers	761	*	*	53,111	*	*	*	*
Red papers	*	*	*	*	*	*	*	*
Swiss chard	*	-	-	-	-	-	-	-
Root Crops	9,633	5,748	3,451	246,430	3,254	40,941	1,254	1,313
Beet root	*	*	-	*	*	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	*	*	-	*	*	-	-	-
Potatoes	*	*	*	12,795	*	*	*	*
Yam	1,296	966	*	68,099	764	*	*	*
Garlic	*	*	-	*	*	-	-	-
Taro/'Godere'	868	622	*	68,729	513	*	*	*
Sweet potatoes	5,484	2,623	1,148	108,357	1,781	27,862	*	818
Other Temporary	3,039	2,407	*	202,310	2,298	*	*	*
Fruit Crops	12,243	7,495		427,869	7,111			
Avocado	2,974	1,553		141,470	1,464			
Bananas	8,476	5,726		344,812	5,455			
Guava	141	*		*	*			
Lemons	*	-		-	-			
Mangos	*	*		13,658	*			
Oranges	*	*		*	*			
Papayas	38	*		*	*			
Pineapples	*	*		*	*			
Stimulant Crops	119,182	72,765		955,222	60,123			
Chat	45,980	26,636		359,339	18,767			
Coffee	73,030	46,070		858,871	41,297			
Hops/'Gesho'	*	*		7,539	*			
Enset	149,233	119,275		1,374,042	116,948			
Sugar Cane	6,353	4,103		136,800	2,178			
Other	435	264		40,394	236			

(Table 1: cont'd.)

Sidama, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	198,956	30,736	64,396	*	*	*
Cereals	*	*	*	133,121	21,708	41,117	*	*	*
Teff	-	-	-	*	*	*	-	-	-
Barley	-	-	-	*	*	*	-	-	-
Wheat	-	-	-	*	*	*	-	-	-
Maize	*	*	*	111,446	18,968	37,375	*	*	*
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	*	*	*	-	-	-
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	93,227	*	*	*	*	*
Horse/Faba beans	-	-	-	*	*	*	-	-	-
Field peas	-	-	-	-	-	-	*	*	*
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	*	*	*	86,978	*	*	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	*	*	*	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	*	*	*	32,452	701	1,543	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	*	*	-	-	-
Ethiopian Cabbage	*	*	*	11,380	*	*	-	-	-
Tomatoes	-	-	-	*	*	*	-	-	-
Green peppers	*	*	*	*	*	*	-	-	-
Red papers	*	*	*	*	*	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	23,881	*	2,102	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	*	*	*	-	-	-
Yam	-	-	-	*	*	*	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	*	*	*	*	*	*	-	-	-
Sweet potatoes	-	-	-	*	*	*	-	-	-
Other Temporary	-	-	-	*	*	*	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Sidama, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	1,667,810	362,903	58,463	242,063	23,541	12,543
Cereals	-	-	-	320,293	37,082	24,932	92,744	16,385	9,125
Teff	-	-	-	37,712	*	*	-	-	-
Barley	-	-	-	130,078	11,600	14,750	*	*	*
Wheat	-	-	-	*	*	*	*	*	*
Maize	-	-	-	200,127	15,429	5,565	90,730	16,119	9,021
Sorghum	-	-	-	7,338	*	*	-	-	-
Finger millet	-	-	-	*	*	*	-	-	-
Oats/'Aja'	-	-	-	*	*	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	563,780	20,890	33,358	95,075	2,421	3,418
Horse/Faba beans	-	-	-	150,914	6,926	*	*	*	*
Field peas	-	-	-	*	*	*	*	*	*
White Haricot	-	-	-	*	*	*	-	-	-
Red Haricot beans	-	-	-	396,371	12,200	20,658	91,900	2,335	3,348
Chick peas	-	-	-	*	*	*	-	-	-
Lentils	-	-	-	-	-	-	*	*	*
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	-	-	-	*	*	-	-	-	-
Mung bean/"Masho"	-	-	-	*	*	*	-	-	-
Gibto	-	-	-	*	*	*	-	-	-
Oil Seeds	-	-	-	9,954	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	5,679	*	*	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	781,426	9,198	-	*	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	*	-	-	-	-
Ethiopian Cabbage	-	-	-	728,124	7,760	-	-	-	-
Tomatoes	-	-	-	*	*	-	-	-	-
Green peppers	-	-	-	101,555	730	-	*	*	-
Red papers	-	-	-	38,785	*	-	-	-	-
Swiss chard	-	-	-	*	*	-	-	-	-
Root Crops	-	-	-	437,323	9,050	-	*	*	-
Beet root	-	-	-	*	*	-	*	*	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	*	*	-	-	-	-
Potatoes	-	-	-	40,794	*	-	*	*	-
Yam	-	-	-	99,009	1,296	-	-	-	-
Garlic	-	-	-	*	*	-	-	-	-
Taro/'Godere'	-	-	-	101,688	868	-	-	-	-
Sweet potatoes	-	-	-	235,951	5,240	-	*	*	-
Other Temporary	-	-	-	290,539	3,008	-	*	*	-
Fruit Crops	-	-	-	715,448	12,230				
Avocado	-	-	-	328,179	2,974				
Bananas				564,222	8,463				
Guava				35,466	141				
Lemons				*	*				
Mangos				40,532	*				
Oranges				7,625	*				
Papayas				*	38				
Pineapples				*	*				
Stimulant Crops	-	-	-	1,213,644	115,772		53,455	*	-
Chat				648,379	45,753				
Coffee				1,082,324	69,847		46,198	*	-
Hops/'Gesho'				21,783	*				
Enset				1,629,173	148,613				
Sugar Cane				286,566	6,353				
Other Permanent				89,114	387				

(Table 1: Cont'd) Sidama, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	*	*	*	*	182,960	25,488
Cereals	*	*	*	*	85,139	16,918
Teff	*	*	-	-	*	*
Barley	-	-	*	*	16,605	*
Wheat	-	-	-	-	*	*
Maize	*	*	-	-	59,100	13,646
Sorghum	-	-	-	-	-	-
Finger millet	-	-	-	-	*	*
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	*	*	*	*	116,985	3,962
Horse/Faba beans	-	-	-	-	*	*
Field peas	-	-	-	-	-	-
White Haricot beans	-	-	*	*	*	*
Red Haricot beans	*	*	-	-	110,053	3,603
Chick peas	-	-	-	-	*	*
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	*	*	*	*	22,987	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	*	*
Ethiopian Cabbage	*	*	*	*	11,087	*
Tomatoes	-	-	-	-	-	-
Green peppers	-	-	*	*	*	*
Red papers	-	-	-	-	*	*
Swiss chard	-	-	*	*	-	-
Root Crops	*	*	*	*	21,309	333
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	-	-	-	-
Potatoes	*	*	-	-	*	*
Yam	-	-	-	-	*	*
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	*	*	-	-
Sweet potatoes	-	-	*	*	17,603	*
Other Temporary	-	-	-	-	*	*
Fruit Crops	-	-	*	*	*	*
Avocado	-	-	*	*	-	-
Bananas	-	-	*	*	*	*
Guava	-	-	*	*	-	-
Lemons	-	-	-	-	-	-
Mangos	-	-	*	*	-	-
Oranges	-	-	-	-	-	-
Papayas	-	-	*	*	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	*	*	66,709	2,326
Chat	*	*	*	*	32,085	1,018
Coffee	*	*	*	*	55,078	1,294
Hops/'Gesho'	-	-	*	*	*	*
Enset	*	*	*	*		
Sugar Cane	-	-	*	*	*	*
Other Permanent	-	-	*	*	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Gedio

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	88,818	55,320	5,580	256,916	51,618	8,705	1,679	1,770
Cereals	9,457	5,637	4,698	42,589	2,498	*	1,290	1,361
Teff	*	*	*	-	-	-	-	-
Barley	3,006	*	*	*	*	*	*	*
Wheat	441	340	*	*	*	*	*	*
Maize	5,381	2,796	2,940	32,046	1,071	*	905	1,177
Sorghum	*	*	-	*	*	-	-	-
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	*	*	-	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	2,214	1,236	*	22,139	926	*	*	*
Horse/Faba beans	1,503	1,130	*	10,912	825	*	*	*
Field peas	*	*	-	*	*	-	-	-
White Haricot	13	*	-	*	*	-	-	-
Red Haricot beans	*	29	*	3,788	25	-	-	-
Chick peas	*	*	-	*	*	-	-	-
Lentils	*	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	*	*	-	*	*	-	-	-
Fenugreek	*	-	-	-	-	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	*	*	-	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	*	*	-	*	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-
Safflower	*	*	-	*	*	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	*	*	-	*	*	-	-	-
Vegetables	2,110	1,674	*	102,312	1,526	*	*	*
Lettuce	*	*	-	*	*	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-
Ethiopian Cabbage	2,004	1,577	*	90,855	1,429	*	*	*
Tomatoes	4	4	-	2,915	4	-	-	-
Green peppers	99	91	-	19,011	91	-	-	-
Red papers	*	-	-	-	-	-	-	-
Swiss chard	*	*	-	*	*	-	-	-
Root Crops	2,007	1,365	*	77,715	1,365	-	-	-
Beet root	*	*	*	6,138	*	-	-	-
Carrot	8	*	-	3,366	*	-	-	-
Onion	*	*	-	*	*	-	-	-
Potatoes	*	*	-	*	*	-	-	-
Yam	*	116	-	17,888	116	-	-	-
Garlic	*	-	-	-	-	-	-	-
Taro/'Godere'	1,092	820	-	56,703	820	-	-	-
Sweet potatoes	*	*	-	*	*	-	-	-
Other Temporary	*	*	-	42,129	*	-	-	-
Fruit Crops	2,584	2,007		76,332	2,007			
Avocado	1,172	860		48,351	860			
Bananas	1,203	997		42,260	997			
Guava	-	-		-	-			
Lemons	-	-		-	-			
Mangos	*	*		*	*			
Oranges	-	-		-	-			
Papayas	*	-		-	-			
Pineapples	*	*		*	*			
Stimulant Crops	39,243	22,628		179,522	22,553			
Chat	*	*		*	*			
Coffee	38,487	22,392		178,459	22,317			
Hops/'Gesho'	*	*		*	*			
Enset	29,766	19,861		231,003	19,831			
Sugar Cane	*	185		16,338	185			
Other	*	46		10,656	46			

(Table 1: cont'd.)

Gedio, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	11,811	1,884	3,613	-	-	-
Cereals	-	-	-	11,224	1,709	3,140	-	-	-
Teff	-	-	-	*	*	*	-	-	-
Barley	-	-	-	*	*	*	-	-	-
Wheat	-	-	-	*	*	*	-	-	-
Maize	-	-	-	*	*	*	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	*	*	*	-	-	-
Horse/Faba beans	-	-	-	*	*	*	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	*	*	*	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	*	*	*	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	*	*	*	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	*	*	*	-	-	-
Beet root	-	-	-	*	*	*	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Gedio, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	322,403	83,364	8,876	33,541	5,454	905
Cereals	*	*	*	66,279	8,257	6,390	6,885	1,200	837
Teff	-	-	-	*	*	*	-	-	-
Barley	*	*	*	18,562	2,963	3,409	*	*	*
Wheat	-	-	-	*	*	*	*	*	*
Maize	-	-	-	50,566	4,329	2,557	5,712	1,052	636
Sorghum	-	-	-	2,003	*	*	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	*	*	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	38,321	2,132	2,453	*	*	*
Horse/Faba beans	-	-	-	21,535	1,440	1,958	*	*	*
Field peas	-	-	-	3,294	*	*	-	-	-
White Haricot	-	-	-	7,527	13	*	-	-	-
Red Haricot beans	-	-	-	*	*	*	*	*	*
Chick peas	-	-	-	*	*	*	*	*	*
Lentils	-	-	-	*	*	*	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	-	-	-	*	*	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	*	*	*	-	-	-
Vegetables	-	-	-	131,366	2,109	-	*	*	-
Lettuce	-	-	-	*	*	-	*	*	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	121,098	2,004	-	-	-	-
Tomatoes	-	-	-	2,915	4	-	-	-	-
Green peppers	-	-	-	22,265	99	-	-	-	-
Red papers	-	-	-	*	*	-	-	-	-
Swiss chard	-	-	-	*	*	-	*	*	-
Root Crops	-	-	-	98,455	1,992	-	3,597	*	-
Beet root	-	-	-	5,565	*	-	2,846	3	-
Carrot	-	-	-	*	*	-	2,202	*	-
Onion	-	-	-	*	*	-	-	-	-
Potatoes	-	-	-	*	*	-	*	*	-
Yam	-	-	-	23,905	*	-	-	-	-
Garlic	-	-	-	*	*	-	-	-	-
Taro/'Godere'	-	-	-	72,822	1,092	-	-	-	-
Sweet potatoes	-	-	-	10,850	*	-	-	-	-
Other Temporary	-	-	-	56,806	*	-	-	-	-
Fruit Crops	-	-	-	106,709	2,584				
Avocado				71,200	1,172				
Bananas				53,592	1,203				
Guava				-	-				
Lemons				-	-				
Mangos				*	*				
Oranges				-	-				
Papayas				*	*				
Pineapples				*	*				
Stimulant Crops	-	-	-	250,505	35,093		*	*	-
Chat				*	*				
Coffee				248,340	34,337		*	*	-
Hops/'Gesho'				*	*				
Enset				301,471	29,760				
Sugar Cane				26,624	*				
Other Permanent				18,074	*				

(Table 1: Cont'd) Gedio, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	*	*	3,826	*	17,025	3,217
Cereals	*	*	*	*	*	*
Teff	-	-	-	-	-	-
Barley	-	-	*	*	*	*
Wheat	-	-	-	-	*	*
Maize	*	*	*	*	*	*
Sorghum	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	-	-	*	*	*	*
Horse/Faba beans	-	-	-	-	*	*
Field peas	-	-	-	-	-	-
White Haricot beans	-	-	-	-	*	*
Red Haricot beans	-	-	-	-	-	-
Chick peas	-	-	*	*	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	*	*	*	*	*	*
Lettuce	-	-	*	*	*	*
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	*	*	-	-	*	*
Tomatoes	*	*	-	-	-	-
Green peppers	-	-	*	*	-	-
Red papers	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	*	*	2,203	*
Beet root	-	-	*	*	*	*
Carrot	-	-	*	*	*	*
Onion	-	-	*	*	-	-
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	*	*
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	*	*
Sweet potatoes	-	-	-	-	-	-
Other Temporary	-	-	*	*	-	-
Fruit Crops	*	*	*	*	*	*
Avocado	*	*	*	*	*	*
Bananas	-	-	*	*	*	*
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	-	-	-	-	*	*
Oranges	-	-	-	-	-	-
Papayas	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	*	*	8,056	*
Chat	-	-	-	-	-	-
Coffee	*	*	*	*	8,056	*
Hops/'Gesho'	-	-	-	-	-	-
Enset	*	*	*	*		
Sugar Cane	-	-	-	-	*	*
Other Permanent	-	-	-	-	-	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Wolayita

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	153,270	133,785	86,197	485,342	64,942	272,071	35,819	33,148
Cereals	42,392	41,284	54,565	49,944	1,404	132,245	15,158	15,477
Teff	23,483	23,483	32,801	*	*	101,317	11,675	12,859
Barley	*	*	*	*	*	*	*	*
Wheat	*	*	*	2,795	*	10,714	*	*
Maize	13,719	13,588	14,709	33,246	856	29,563	2,177	1,402
Sorghum	1,374	459	*	19,441	361	*	*	*
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	*	*	*	-	-	*	*	*
Rice	-	-	-	-	-	-	-	-
Pulse	29,959	25,214	17,753	147,950	5,114	200,812	17,279	14,249
Horse/Faba beans	1,075	790	*	20,730	*	*	*	*
Field peas	1,680	932	*	21,183	486	*	*	*
White Haricot	-	-	-	-	-	-	-	-
Red Haricot beans	24,955	21,641	15,879	121,723	3,687	181,139	15,436	12,956
Chick peas	2,205	1,807	1,053	9,253	*	18,776	1,114	662
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	*	*	*	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	2,647	*	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	*	*	*	-	-	-	-	-
Ground nuts	*	*	-	*	*	-	-	-
Safflower	*	*	-	*	*	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	*	*	-	*	*	-	-	-
Vegetables	2,581	2,444	*	161,617	1,052	*	*	*
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	8,568	*	*	*	*
Ethiopian	764	694	*	131,241	662	*	*	*
Tomatoes	*	*	*	*	*	-	-	-
Green peppers	141	116	*	35,317	104	-	-	-
Red papers	*	*	*	24,864	203	*	*	*
Swiss chard	*	*	-	*	*	-	-	-
Root Crops	29,446	26,116	2,906	397,816	23,743	30,127	769	771
Beet root	*	*	*	5,298	*	*	*	*
Carrot	*	*	*	*	*	-	-	-
Onion	*	*	*	*	*	*	*	*
Potatoes	1,277	1,179	1,237	26,183	297	17,346	453	453
Yam	1,103	1,037	-	97,166	1,037	-	-	-
Garlic	*	*	-	*	*	-	-	-
Taro/'Godere'	12,421	10,754	788	310,326	10,122	5,346	100	121
Sweet potatoes	14,406	12,935	625	324,781	12,253	9,809	182	165
Other Temporary	9,544	6,797	5,970	232,162	3,383	32,263	1,277	983
Fruit Crops	10,287	6,653		357,582	6,143			
Avocado	2,536	1,748		211,213	1,693			
Bananas	5,179	3,676		283,600	3,308			
Guava	38	*		5,642	*			
Lemons	*	*		*	*			
Mangos	2,249	1,010		123,841	923			
Oranges	78	56		17,710	56			
Papayas	109	83		28,071	83			
Pineapples	*	*		5,268	*			
Stimulant Crops	12,226	9,728		390,122	8,892			
Chat	207	*		14,847	*			
Coffee	11,914	9,563		387,034	8,732			
Hops/'Gesho'	105	64		15,434	61			
Enset	14,446	13,621		441,940	13,550			
Sugar Cane	1,892	1,659		124,068	1,392			
Other	470	241		114,346	241			

(Table 1: cont'd.)

Wolayita, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	28,650	1,524	1,293	142,356	31,268	51,555	*	*	*
Cereals	-	-	-	113,207	24,684	39,076	*	*	*
Teff	-	-	-	76,083	11,679	19,930	*	*	*
Barley	-	-	-	*	*	*	-	-	-
Wheat	-	-	-	17,092	*	*	-	-	-
Maize	-	-	-	42,206	10,556	13,307	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	6,609	137	115	41,242	2,504	3,268	*	*	*
Horse/Faba beans	-	-	-	*	*	*	-	-	-
Field peas	*	*	*	*	*	*	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	5,169	112	90	38,603	2,226	2,713	*	*	*
Chick peas	*	*	*	*	*	*	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	*	*	*	*	*	*	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	*	*	-	-	-
Ethiopian Cabbage	*	*	*	-	-	-	-	-	-
Tomatoes	-	-	-	*	*	*	-	-	-
Green peppers	-	-	-	*	*	*	-	-	-
Red papers	*	*	*	*	*	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	24,189	1,047	878	16,760	558	1,257	-	-	-
Beet root	*	*	*	*	*	*	-	-	-
Carrot	*	*	*	*	*	*	-	-	-
Onion	-	-	-	*	*	*	-	-	-
Potatoes	*	*	*	8,265	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	10,825	445	415	*	87	252	-	-	-
Sweet potatoes	10,423	446	*	*	*	*	-	-	-
Other Temporary	*	*	*	23,376	*	*	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Wolayita, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	503,733	140,767	49,269	71,619	12,504	8,809
Cereals	-	-	-	220,237	30,603	25,665	59,501	11,789	8,290
Teff	-	-	-	151,872	20,660	16,749	22,175	2,823	2,199
Barley	-	-	-	6,077	*	*	*	*	*
Wheat	-	-	-	*	*	*	13,630	685	*
Maize	-	-	-	65,295	5,445	2,642	31,040	8,274	1,521
Sorghum	-	-	-	41,993	1,374	428	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	362,989	29,355	23,593	8,706	*	*
Horse/Faba beans	-	-	-	41,594	1,069	970	*	*	*
Field peas	-	-	-	50,774	1,680	1,487	-	-	-
White Haricot	-	-	-	-	-	-	-	-	-
Red Haricot beans	*	*	*	317,357	24,375	19,997	*	*	*
Chick peas	-	-	-	35,926	2,187	1,137	*	*	*
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	3,943	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	*	*	-	-	-	-
Vegetables	-	-	-	177,534	2,570	-	*	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	9,950	*	-	*	*	-
Ethiopian Cabbage	-	-	-	140,436	764	-	-	-	-
Tomatoes	-	-	-	*	*	-	-	-	-
Green peppers	-	-	-	42,200	141	-	-	-	-
Red papers	-	-	-	40,507	*	-	-	-	-
Swiss chard	-	-	-	*	*	-	-	-	-
Root Crops	-	-	-	441,289	29,429	-	*	*	-
Beet root	-	-	-	*	*	-	*	*	-
Carrot	-	-	-	*	*	-	*	*	-
Onion	-	-	-	*	*	-	*	*	-
Potatoes	-	-	-	53,329	1,277	-	-	-	-
Yam	-	-	-	104,018	1,099	-	*	*	-
Garlic	-	-	-	*	*	-	-	-	-
Taro/'Godere'	-	-	-	360,618	12,416	-	*	*	-
Sweet potatoes	-	-	-	364,007	14,406	-	-	-	-
Other Temporary	*	*	*	309,110	9,463	-	*	*	-
Fruit Crops	-	-	-	438,445	10,285				
Avocado				295,153	2,535				
Bananas				356,605	5,178				
Guava				12,985	38				
Lemons				*	*				
Mangos				228,543	2,249				
Oranges				27,099	78				
Papayas				43,332	109				
Pineapples				10,406	*				
Stimulant Crops	-	-	-	435,528	12,226		-	-	-
Chat				24,607	207				
Coffee				431,152	11,914		-	-	-
Hops/'Gesho'				27,787	105				
Enset				468,387	14,446				
Sugar Cane				151,210	1,892				
Other Permanent				167,854	470				

(Table 1: Cont'd) Wolayita, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	16,033	1,182	*	*	311,122	59,619
Cereals	4,964	457	-	-	195,651	36,230
Teff	3,670	259	-	-	147,842	20,955
Barley	-	-	-	-	*	*
Wheat	-	-	-	-	29,422	*
Maize	*	*	-	-	59,159	11,564
Sorghum	-	-	-	-	*	*
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	*	*
Rice	-	-	-	-	-	-
Pulse	*	*	-	-	189,464	16,806
Horse/Faba beans	-	-	-	-	*	*
Field peas	*	*	-	-	8,632	*
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	*	*	-	-	172,841	14,969
Chick peas	*	*	-	-	15,073	998
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	*	*
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	*	*	*	*	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	*	*	*	*
Ethiopian Cabbage	-	-	*	*	*	*
Tomatoes	-	-	-	-	-	-
Green peppers	-	-	-	-	*	*
Red papers	*	*	-	-	*	*
Swiss chard	-	-	-	-	-	-
Root Crops	*	*	*	*	41,861	1,460
Beet root	-	-	*	*	*	*
Carrot	*	*	*	*	*	*
Onion	-	-	-	-	*	*
Potatoes	*	*	-	-	17,857	473
Yam	*	*	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	13,993	586
Sweet potatoes	-	-	-	-	11,548	278
Other Temporary	*	*	-	-	45,706	2,975
Fruit Crops	*	*	-	-	23,016	440
Avocado	*	*	-	-	3,781	*
Bananas	-	-	-	-	17,944	338
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	*	*	-	-	*	*
Oranges	-	-	-	-	-	-
Papayas	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	*	*	21,584	624
Chat	-	-	-	-	-	-
Coffee	*	*	*	*	20,854	623
Hops/'Gesho'	*	*	-	-	*	*
Enset	-	-	-	-	-	-
Sugar Cane	-	-	-	-	*	*
Other Permanent	*	*	-	-	-	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

South Omo Zone

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	81,385	20,607	20,017	39,123	4,534	4,445	*	838
Cereals	48,284	14,720	15,554	9,781	821	4,445	*	689
Teff	2,699	*	*	-	-	-	-	-
Barley	4,557	*	*	*	*	-	-	-
Wheat	*	*	*	-	-	*	*	*
Maize	22,397	11,231	10,920	6,648	*	4,192	*	530
Sorghum	15,739	1,353	1,037	*	*	*	*	*
Finger millet	*	*	*	*	*	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	9,789	2,438	3,145	9,050	*	*	*	*
Horse/Faba beans	2,309	*	*	*	*	-	-	-
Field peas	*	*	*	*	*	-	-	-
White Haricot	*	*	*	-	-	-	-	-
Red Haricot beans	4,585	1,298	2,544	*	*	*	*	*
Chick peas	-	-	-	-	-	-	-	-
Lentils	*	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Mung bean/'Masho"	*	*	*	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	1,288	59	*	1,479	14	*	*	*
Nueg	*	-	-	-	-	-	-	-
Linseed	*	*	-	*	*	-	-	-
Ground nuts	*	-	-	-	-	-	-	-
Safflower	124	38	*	*	*	*	*	*
Sesame	*	*	*	*	*	*	*	*
Rapeseed	-	-	-	-	-	-	-	-
Vegetables	441	*	*	13,096	*	-	-	-
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	*	*	-	*	*	-	-	-
Ethiopian Cabbage	381	*	*	12,534	*	-	-	-
Tomatoes	15	*	-	*	*	-	-	-
Green peppers	33	*	-	*	*	-	-	-
Red papers	*	-	-	-	-	-	-	-
Swiss chard	*	*	-	*	*	-	-	-
Root Crops	2,571	381	*	17,666	184	*	*	*
Beet root	*	*	-	*	*	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	*	*	*	8,386	*	*	*	*
Potatoes	*	*	-	*	*	-	-	-
Yam	*	*	-	*	*	-	-	-
Garlic	*	*	*	*	*	-	-	-
Taro/'Godere'	1,115	*	-	7,123	*	-	-	-
Sweet potatoes	671	*	-	*	*	-	-	-
Other Temporary	*	128	*	7,850	107	-	-	-
Fruit Crops	2,397	151		9,896	146			
Avocado	471	*		*	*			
Bananas	1,404	63		6,678	63			
Guava	*	-		-	-			
Lemons	*	*		-	-			
Mangos	353	*		*	*			
Oranges	10	*		*	*			
Papayas	131	25		*	25			
Pineapples	14	-		-	-			
Stimulant Crops	5,877	345		9,620	332			
Chat	*	*		*	*			
Coffee	5,333	336		9,123	327			
Hops/'Gesho'	40	*		*	*			
Enset	4,650	1,920		24,754	1,920			
Sugar Cane	432	*		2,563	*			
Other	973	*		6,614	*			

(Table 1: cont'd.)

South Omon Zone, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	20,146	*	*	7,200	2,799	*
Cereals	*	*	*	20,146	*	*	6,978	*	*
Teff	-	-	-	-	-	-	*	*	*
Barley	-	-	-	-	-	-	*	*	*
Wheat	-	-	-	*	*	*	*	*	*
Maize	*	*	*	14,614	*	*	*	*	*
Sorghum	*	*	*	*	*	*	*	*	*
Finger millet	-	-	-	*	*	*	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	6,523	453	1,097	*	*	*
Horse/Faba beans	-	-	-	-	-	-	*	*	*
Field peas	-	-	-	-	-	-	*	*	*
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	*	*	*	*	412	1,048	*	*	*
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	*	*	*	*	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	*	*	*	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	*	*	*	*	*	*
Sesame	-	-	-	*	*	*	*	*	*
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	*	*	*	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	*	*	*	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	*	*	*	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	*	*	*	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	*	*	*	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	*	*	*	*	*	*
Fruit Crops							-	-	-
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

South Omo Zone, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	11,606	4,490	5,284	151,349	71,321	16,178	33,161	10,063	3,356
Cereals	11,606	3,773	3,934	112,855	38,449	12,221	32,692	9,835	3,341
Teff	*	*	*	7,579	2,699	340	-	-	-
Barley	*	*	*	26,833	4,557	4,289	-	-	-
Wheat	*	*	*	*	*	*	*	*	*
Maize	*	*	2,316	69,186	14,318	3,954	28,380	8,079	1,907
Sorghum	*	*	*	56,030	15,573	2,859	*	*	*
Finger millet	-	-	-	*	*	*	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	74,405	9,760	3,719	*	*	*
Horse/Faba beans	-	-	-	21,293	2,309	1,230	-	-	-
Field peas	-	-	-	15,068	*	*	-	-	-
White Haricot	*	*	*	*	*	*	-	-	-
Red Haricot beans	*	*	*	49,149	4,560	1,460	*	*	*
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	*	*	*	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	*	*	*	*	*	*
Gibbo	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	16,932	1,281	238	*	*	-
Nueg	-	-	-	*	*	*	-	-	-
Linseed	-	-	-	3,103	*	*	-	-	-
Ground nuts	-	-	-	1,826	*	*	-	-	-
Safflower	-	-	-	5,426	124	30	-	-	-
Sesame	-	-	-	6,822	*	*	*	*	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	*	*	*	38,157	441	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	*	-	-	-	-
Ethiopian Cabbage	*	*	*	32,962	381	-	-	-	-
Tomatoes	-	-	-	4,775	15	-	-	-	-
Green peppers	-	-	-	4,058	33	-	-	-	-
Red papers	-	-	-	*	*	-	-	-	-
Swiss chard	-	-	-	*	*	-	-	-	-
Root Crops	-	-	-	74,668	2,391	-	*	*	-
Beet root	-	-	-	1,212	*	-	*	*	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	12,915	107	-	*	*	-
Potatoes	-	-	-	*	*	-	-	-	-
Yam	-	-	-	7,196	*	-	-	-	-
Garlic	-	-	-	4,820	*	-	-	-	-
Taro/'Godere'	-	-	-	48,462	1,115	-	-	-	-
Sweet potatoes	-	-	-	22,702	671	-	-	-	-
Other Temporary	-	-	-	66,449	*	-	-	-	-
Fruit Crops	*	*	*	76,964	2,397				
Avocado				35,395	471				
Bananas				53,121	1,404				
Guava				*	*				
Lemons				2,153	*				
Mangos				30,358	353				
Oranges				1,780	10				
Papayas				18,241	131				
Pineapples				2,155	14				
Stimulant Crops	-	-	-	72,056	5,877		-	-	-
Chat				12,704	*				
Coffee				69,775	5,333		-	-	-
Hops/'Gesho'				5,378	40				
Enset				81,576	4,650				
Sugar Cane				21,401	432				
Other Permanent				66,385	962				

(Table 1: Cont'd) South Omo Zone, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	*	*	*	*	49,842	18,263
Cereals	*	*	*	*	49,575	15,661
Teff	-	-	-	-	*	*
Barley	-	-	-	-	*	*
Wheat	*	*	-	-	*	*
Maize	-	-	3,165	*	39,787	12,286
Sorghum	-	-	*	*	*	1,087
Finger millet	-	-	-	-	*	*
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	-	-	*	*	19,747	1,996
Horse/Faba beans	-	-	-	-	*	*
Field peas	-	-	-	-	*	*
White Haricot beans	-	-	-	-	*	*
Red Haricot beans	-	-	-	-	16,736	1,381
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	*	*	*	*
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	*	*	2,703	65
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	*	*
Safflower	-	-	-	-	*	*
Sesame	-	-	*	*	*	*
Rapeseed	-	-	-	-	-	-
Vegetables	-	-	*	*	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	*	*	*	*
Tomatoes	-	-	*	*	*	*
Green peppers	-	-	-	-	-	-
Red papers	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	*	*	*	*
Beet root	-	-	*	*	*	*
Carrot	-	-	-	-	-	-
Onion	-	-	1,407	*	*	*
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	*	*
Garlic	-	-	*	*	*	*
Taro/'Godere'	-	-	-	-	*	*
Sweet potatoes	-	-	-	-	*	*
Other Temporary	-	-	*	*	*	*
Fruit Crops	-	-	*	*	*	*
Avocado	-	-	-	-	*	*
Bananas	-	-	*	*	*	*
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	-	-	*	*	*	*
Oranges	-	-	-	-	-	-
Papayas	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	-	-	-	-	*	*
Chat	-	-	-	-	*	*
Coffee	-	-	-	-	*	*
Hops/'Geshe'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	*	*	-	-
Other Permanent	-	-	*	*	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Sheka

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	47,178	6,596	1,177	27,997	4,825	3,327	861	471
Cereals	13,208	3,297	1,118	*	*	3,137	819	419
Teff	632	*	*	-	-	-	-	-
Barley	282	*	*	*	*	-	-	-
Wheat	*	-	-	-	-	-	-	-
Maize	*	*	*	1,109	*	2,344	*	*
Sorghum	7,699	*	357	*	*	1,436	197	130
Finger millet	*	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	*	*	*	*	*	*	*	*
Pulse	2,675	*	*	2,675	*	*	*	*
Horse/Faba beans	*	*	-	*	*	-	-	-
Field peas	1,577	*	-	*	-	-	-	-
White Haricot	*	*	-	*	*	-	-	-
Red Haricot beans	270	13	*	*	*	*	*	*
Chick peas	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	*	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Ground nuts	*	-	-	-	-	-	-	-
Safflower	*	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-
Vegetables	500	37	*	5,585	*	*	*	*
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	*	-	-	-	-	-	-	-
Ethiopian Cabbage	270	31	*	4,234	*	*	*	*
Tomatoes	*	*	-	*	*	-	-	-
Green peppers	82	3	-	1,458	3	-	-	-
Red papers	75	*	-	*	*	-	-	-
Swiss chard	*	-	-	-	-	-	-	-
Root Crops	933	216	*	11,726	*	*	*	*
Beet root	*	*	-	*	*	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	*	*	*	*	*	*	*	*
Potatoes	*	-	-	-	-	-	-	-
Yam	75	*	-	*	*	-	-	-
Garlic	21	*	-	*	*	-	-	-
Taro/'Godere'	707	*	*	10,810	*	-	-	-
Sweet potatoes	7	*	-	*	*	-	-	-
Other Temporary	1,653	*	-	*	*	-	-	-
Fruit Crops	1,419	122		12,542	121			
Avocado	497	31		6,292	31			
Bananas	495	42		7,642	41			
Guava	4	*		*	*			
Lemons	5	*		*	*			
Mangos	224	*		*	*			
Oranges	74	*		*	*			
Papayas	117	*		6,316	*			
Pineapples	*	-		-	-			
Stimulant Crops	18,565	*		16,093	*			
Chat	324	*		1,473	*			
Coffee	18,156	*		15,350	*			
Hops/'Gesho'	*	*		1,075	*			
Enset	7,854	832		19,237	832			
Sugar Cane	229	*		*	*			
Other Permanent	115	13		5,761	13			

(Table 1: cont'd.)

Sheka, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	2,055	*	*	1,943	*	406	-	-	-
Cereals	1,854	*	*	1,943	*	403	-	-	-
Teff	*	*	*	-	-	-	-	-	-
Barley	*	*	*	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	*	*	*	*	*	*	-	-	-
Sorghum	*	*	*	*	*	*	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	*	*	*	*	*	*	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	*	*	*	*	*	*	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	*	*	*	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	*	*	*	*	*	*	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops							-	-	-
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Sheka, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	92,866	45,950	6,893	4,310	*	*
Cereals	-	-	-	45,580	12,026	5,393	*	*	*
Teff	-	-	-	6,510	632	*	-	-	-
Barley	-	-	-	2,695	282	359	-	-	-
Wheat	-	-	-	*	*	*	-	-	-
Maize	-	-	-	13,455	2,355	410	*	*	*
Sorghum	-	-	-	34,306	7,643	2,557	*	*	*
Finger millet	-	-	-	*	*	*	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	4,663	*	*	-	-	-
Pulse	-	-	-	26,198	2,675	1,500	-	-	-
Horse/Faba beans	-	-	-	5,767	*	*	-	-	-
Field peas	-	-	-	8,436	1,577	743	-	-	-
White Haricot	-	-	-	*	*	*	-	-	-
Red Haricot beans	-	-	-	17,518	270	*	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/"Masho"	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	933	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	50,092	499	-	*	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	*	-	*	*	-
Ethiopian Cabbage	-	-	-	40,963	270	-	-	-	-
Tomatoes	-	-	-	3,563	*	-	*	*	-
Green peppers	-	-	-	13,743	82	-	-	-	-
Red papers	-	-	-	3,432	75	-	-	-	-
Swiss chard	-	-	-	*	*	-	-	-	-
Root Crops	-	-	-	57,454	928	-	*	*	-
Beet root	-	-	-	*	*	-	*	*	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	*	*	-	-	-	-
Potatoes	-	-	-	1,167	*	-	-	-	-
Yam	-	-	-	9,658	75	-	-	-	-
Garlic	-	-	-	11,245	21	-	-	-	-
Taro/'Godere'	-	-	-	46,573	703	-	*	*	-
Sweet potatoes	-	-	-	2,943	7	-	-	-	-
Other Temporary	-	-	-	41,470	1,653	-	-	-	-
Fruit Crops	-	-	-	64,586	1,419				
Avocado				49,899	497				
Bananas				39,386	494				
Guava				2,145	4				
Lemons				2,802	5				
Mangos				27,068	224				
Oranges				16,273	74				
Papayas				30,430	117				
Pineapples				907	*				
Stimulant Crops	-	-	-	71,274	18,558		*	*	-
Chat				8,801	324				
Coffee				69,961	18,149		*	*	-
Hops/'Gesho'				9,298	*				
Enset				76,703	7,827				
Sugar Cane				26,117	229				
Other Permanent				43,217	108				

(Table 1: Cont'd) Sheka, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	19,593	6,115	*	*	6,011	1,636
Cereals	17,966	5,096	-	-	4,916	*
Teff	*	*	-	-	*	*
Barley	*	*	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	1,026	*	-	-	3,939	*
Sorghum	15,475	3,760	-	-	1,607	231
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	*	*	-	-	-	-
Pulse	*	*	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	*	*	-	-	-	-
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	-	-	-	-	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	*	*
Tomatoes	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-
Red papers	-	-	-	-	*	*
Swiss chard	-	-	-	-	-	-
Root Crops	*	*	*	*	*	*
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	-	-	*	*
Potatoes	-	-	-	-	-	-
Yam	*	*	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	*	*	*	*	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	*	*	-	-	-	-
Fruit Crops	-	-	*	*	-	-
Avocado	-	-	*	*	-	-
Bananas	-	-	*	*	-	-
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	-	-	-	-	-	-
Oranges	-	-	*	*	-	-
Papayas	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	3,050	*	*	*	*	*
Chat	-	-	*	*	-	-
Coffee	*	*	*	*	*	*
Hops/'Gesho'	*	*	-	-	*	*
Enset	*	*	-	-	-	-
Sugar Cane	-	-	*	*	-	-
Other Permanent	-	-	*	*	-	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Kaffa

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	213,395	34,356	26,952	163,394	11,419	38,567	9,626	9,260
Cereals	89,161	21,208	24,459	*	589	34,911	8,306	8,120
Teff	28,273	8,202	8,516	*	*	13,429	2,317	1,995
Barley	12,928	2,180	1,945	*	*	8,196	*	*
Wheat	7,138	4,469	7,013	-	-	10,883	*	*
Maize	25,206	6,216	6,857	*	*	*	*	*
Sorghum	14,960	*	*	*	*	-	-	-
Finger millet	*	*	*	-	-	*	*	*
Oats/'Aja'	*	-	-	-	-	-	-	-
Rice	*	-	-	-	-	-	-	-
Pulse	46,616	2,381	1,601	19,191	*	7,105	1,143	876
Horse/Faba beans	19,947	1,463	853	*	*	4,329	721	390
Field peas	17,551	461	*	*	*	*	*	*
White Haricot	*	*	-	*	*	-	-	-
Red Haricot beans	8,116	372	318	15,662	44	2,198	137	*
Chick peas	-	-	-	-	-	-	-	-
Lentils	*	-	-	-	-	-	-	-
Vetch/Grass peas	*	*	-	*	*	-	-	-
Soya beans	*	*	*	-	-	*	*	*
Fenugreek	*	-	-	-	-	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	206	*	-	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	61	*	-	*	*	-	-	-
Ground nuts	*	*	-	*	*	-	-	-
Safflower	*	*	-	*	*	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	89	*	-	*	*	-	-	-
Vegetables	2,565	695	*	101,830	638	*	*	*
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	278	*	-	*	*	-	-	-
Ethiopian	1,470	553	*	97,760	551	*	*	*
Tomatoes	*	-	-	-	-	-	-	-
Green peppers	291	32	-	18,872	32	-	-	-
Red papers	*	*	*	3,498	*	-	-	-
Swiss chard	*	-	-	-	-	-	-	-
Root Crops	6,432	545	*	49,064	522	*	*	*
Beet root	81	*	-	*	*	-	-	-
Carrot	*	-	-	-	-	-	-	-
Onion	*	*	*	*	*	*	*	*
Potatoes	*	*	-	*	*	-	-	-
Yam	131	*	-	*	*	-	-	-
Garlic	143	*	-	*	*	-	-	-
Taro/'Godere'	5,081	500	-	45,077	500	-	-	-
Sweet potatoes	486	11	*	3,480	*	-	-	-
Other Temporary	3,805	238	*	36,611	237	*	*	*
Fruit Crops	4,271	420		47,499	410			
Avocado	1,348	140		28,313	132			
Bananas	2,623	241		24,378	239			
Guava	*	-		-	-			
Lemons	*	*		*	*			
Mangos	127	*		*	*			
Oranges	21	*		*	*			
Papayas	102	*		4,001	*			
Pineapples	*	*		*	*			
Stimulant Crops	23,788	1,904		59,726	1,719			
Chat	*	*		5,993	*			
Coffee	22,664	1,850		56,444	1,707			
Hops/'Gesho'	*	*		1,773	*			
Enset	34,655	6,804		118,053	6,777			
Sugar Cane	939	71		17,247	71			
Other	*	*		10,385	*			

(Table 1: cont'd.)

Kaffa, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	18,149	*	7,090	19,557	4,897	4,631
Cereals	*	*	*	18,149	*	6,794	16,817	4,209	3,990
Teff	*	*	*	*	*	*	11,958	*	2,393
Barley	*	*	*	*	*	*	*	*	*
Wheat	*	*	*	*	*	*	*	*	*
Maize	-	-	-	*	*	*	*	*	*
Sorghum	-	-	-	-	-	-	*	*	*
Finger millet	-	-	-	*	*	*	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	*	*	*	*	*	*
Horse/Faba beans	-	-	-	-	-	-	*	*	*
Field peas	-	-	-	-	-	-	*	*	*
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	*	*	*	*	*	*
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	*	*	*	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	*	*	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	*	*	*
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	*	*	*
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Kaffa, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	16,929	2,886	5,754	364,763	204,170	89,402	49,057	9,225	5,424
Cereals	16,365	2,799	5,340	249,072	81,827	57,651	40,936	7,333	5,424
Teff	*	*	*	157,731	27,330	22,944	*	*	*
Barley	*	*	*	90,349	12,842	14,469	*	*	*
Wheat	*	*	1,791	32,106	5,143	*	15,411	1,995	2,952
Maize	*	*	*	71,898	20,897	9,891	18,036	4,309	*
Sorghum	-	-	-	67,894	14,960	4,370	-	-	-
Finger millet	-	-	-	*	*	*	-	-	-
Oats/'Aja'	-	-	-	*	*	-	-	-	-
Rice	-	-	-	*	*	*	-	-	-
Pulse	*	*	*	243,689	46,616	31,655	-	-	-
Horse/Faba beans	*	*	*	115,903	19,947	15,240	-	-	-
Field peas	-	-	-	93,864	17,551	9,100	-	-	-
White Haricot	-	-	-	*	*	*	-	-	-
Red Haricot beans	-	-	-	129,587	8,116	6,446	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	*	*	*	-	-	-
Vetch/Grass peas	-	-	-	*	*	-	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	-	-	-	*	*	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	22,562	206	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	4,601	61	*	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	17,398	89	*	-	-	-
Vegetables	-	-	-	267,112	2,564	-	*	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	13,378	277	-	*	*	-
Ethiopian Cabbage	-	-	-	239,072	1,470	-	-	-	-
Tomatoes	-	-	-	*	*	-	-	-	-
Green peppers	-	-	-	69,823	291	-	-	-	-
Red papers	-	-	-	31,037	*	-	-	-	-
Swiss chard	-	-	-	*	*	-	-	-	-
Root Crops	-	-	-	276,751	6,428	-	*	*	-
Beet root	-	-	-	12,709	81	-	*	*	-
Carrot	-	-	-	*	*	-	-	-	-
Onion	-	-	-	28,458	*	-	-	-	-
Potatoes	-	-	-	9,382	*	-	-	-	-
Yam	-	-	-	20,789	131	-	-	-	-
Garlic	-	-	-	27,791	143	-	-	-	-
Taro/'Godere'	-	-	-	245,025	5,078	-	*	*	-
Sweet potatoes	-	-	-	38,938	486	-	-	-	-
Other Temporary	-	-	-	147,152	3,805	-	-	-	-
Fruit Crops	*	*	*	205,971	4,269				
Avocado				121,100	1,347				
Bananas				153,374	2,622				
Guava				*	*				
Lemons				5,637	*				
Mangos				19,512	127				
Oranges				7,579	21				
Papayas				24,587	102				
Pineapples				*	*				
Stimulant Crops	-	-	-	258,508	21,905		*	*	-
Chat				54,197	*				
Coffee				250,758	20,781		*	*	-
Hops/'Gesho'				27,293	*				
Enset				339,493	34,653				
Sugar Cane				107,815	939				
Other Permanent				129,857	*				

(Table 1: Cont'd) Kaffu, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	134,174	35,701	*	*	80,492	21,150
Cereals	130,834	35,140	-	-	74,936	18,553
Teff	98,514	18,483	-	-	36,393	7,175
Barley	26,117	4,101	-	-	12,310	1,767
Wheat	19,864	*	-	-	24,138	4,053
Maize	*	*	-	-	19,914	5,419
Sorghum	31,705	8,034	-	-	*	*
Finger millet	*	*	-	-	*	*
Oats/'Aja'	-	-	-	-	-	-
Rice	*	*	-	-	-	-
Pulse	*	*	-	-	11,009	1,837
Horse/Faba beans	*	*	-	-	7,693	1,219
Field peas	*	*	-	-	3,161	*
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	*	*	-	-	2,810	*
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	*	*
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	*	*	-	-	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	*	*	-	-	*	*
Tomatoes	-	-	-	-	-	-
Green peppers	-	-	-	-	*	*
Red papers	-	-	-	-	*	*
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	-	-	*	*
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	-	-	*	*
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	*	*
Sweet potatoes	-	-	-	-	-	-
Other Temporary	-	-	-	-	*	*
Fruit Crops	*	*	-	-	*	*
Avocado	*	*	-	-	*	*
Bananas	*	*	-	-	*	*
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	-	-	-	-	-	-
Oranges	-	-	-	-	-	-
Papayas	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	4,641	*	*	*	8,667	*
Chat	*	*	*	*	*	*
Coffee	3,553	*	*	*	8,110	*
Hops/'Gesho'	-	-	-	-	-	-
Enset	*	*	-	-	-	-
Sugar Cane	-	-	-	-	*	*
Other Permanent	-	-	-	-	-	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Gamo Goffa

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	219,968	132,579	120,948	346,745	37,445	*	*	*
Cereals	122,418	89,984	94,872	114,704	8,964	*	*	*
Teff	35,109	29,478	32,586	*	*	*	*	*
Barley	18,059	16,273	15,084	45,831	3,379	-	-	-
Wheat	6,960	5,932	6,877	12,927	396	-	-	-
Maize	54,628	36,349	37,187	62,396	*	-	-	-
Sorghum	7,650	*	*	*	*	-	-	-
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	*	*	-	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	21,850	11,376	15,713	62,714	1,503	-	-	-
Horse/Faba beans	2,508	1,373	1,106	19,931	483	-	-	-
Field peas	2,822	*	*	14,753	171	-	-	-
White Haricot	*	*	-	*	*	-	-	-
Red Haricot beans	15,410	8,273	12,907	34,711	634	-	-	-
Chick peas	*	*	*	*	*	-	-	-
Lentils	*	*	*	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	*	*	-	-	-
Mung bean/'Masho"	*	*	*	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	131	*	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	83	56	*	*	*	-	-	-
Ground nuts	*	*	-	*	*	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	*	*	-	*	*	-	-	-
Rapeseed	-	-	-	-	-	-	-	-
Vegetables	1,111	785	*	118,964	747	-	-	-
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	*	*	-	*	*	-	-	-
Ethiopian	916	763	*	111,707	726	-	-	-
Tomatoes	*	*	-	*	*	-	-	-
Green peppers	*	12	-	11,235	12	-	-	-
Red papers	*	*	-	*	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	20,893	9,326	5,027	212,076	6,804	-	-	-
Beet root	6	*	-	*	*	-	-	-
Carrot	*	-	-	-	-	-	-	-
Onion	447	*	*	27,190	*	-	-	-
Potatoes	3,128	2,843	3,432	37,151	1,106	-	-	-
Yam	1,893	1,160	*	55,331	1,159	-	-	-
Garlic	*	*	*	20,069	*	-	-	-
Taro/'Godere'	3,591	1,166	*	103,296	1,094	-	-	-
Sweet potatoes	11,668	3,743	984	100,100	3,102	-	-	-
Other Temporary	10,725	2,736	1,359	129,224	2,249	-	-	-
Fruit Crops	*	*		97,254	1,688			
Avocado	562	79		15,508	79			
Bananas	*	*		69,140	1,311			
Guava	*	*		*	*			
Lemons	49	*		*	*			
Mangos	1,117	171		33,990	171			
Oranges	71	*		9,273	*			
Papayas	288	94		23,439	94			
Pineapples	*	-		-	-			
Stimulant Crops	6,840	2,522		151,642	2,350			
Chat	873	*		3,449	*			
Coffee	5,890	2,344		148,337	2,228			
Hops/'Gesho'	78	23		5,805	23			
Enset	15,411	12,391		297,094	12,280			
Sugar Cane	1,314	285		35,178	263			
Other	1,632	569		89,608	519			

(Table 1: cont'd.)

Gamo Goffa, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	17,449	*	*	*	*	*	111,222	25,469	20,203
Cereals	10,346	*	*	*	*	*	77,043	18,192	13,254
Teff	*	*	*	*	*	*	28,504	6,490	*
Barley	*	*	*	-	-	-	*	*	*
Wheat	2,645	*	*	-	-	-	*	*	*
Maize	*	*	*	*	*	*	47,529	*	7,790
Sorghum	-	-	-	-	-	-	*	*	*
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	-	-	-	45,670	5,894	5,197
Horse/Faba beans	*	*	*	-	-	-	*	*	*
Field peas	*	*	*	-	-	-	*	*	*
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	*	*	*	-	-	-	37,402	4,741	4,263
Chick peas	-	-	-	-	-	-	*	*	*
Lentils	*	*	*	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	*	*	*
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	*	*	*	-	-	-	*	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	*	*	*	-	-	-	*	*	*
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	3,779	41	37	-	-	-	20,968	401	474
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	*	*	*	-	-	-	2,843	60	*
Potatoes	*	*	*	-	-	-	*	*	*
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	*	*	*
Sweet potatoes	*	*	*	-	-	-	6,933	*	219
Other Temporary	*	*	*	-	-	-	4,710	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Gamo Goffa, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	241,469	65,458	97,046	481,549	196,486	45,933	100,099	23,482	5,241
Cereals	234,268	58,994	78,180	381,928	99,008	37,545	96,159	23,410	5,241
Teff	87,097	21,970	27,542	139,765	35,109	10,881	-	-	-
Barley	101,631	11,872	14,449	154,027	17,792	12,181	*	*	*
Wheat	55,667	5,320	6,698	71,192	6,340	4,106	14,231	619	590
Maize	90,181	18,631	26,374	193,696	32,105	8,631	82,587	22,523	4,611
Sorghum	11,459	*	*	54,060	7,650	1,746	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	*	*	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	72,333	3,750	10,352	243,840	21,850	8,339	-	-	-
Horse/Faba beans	15,513	427	772	69,204	2,508	1,548	-	-	-
Field peas	7,004	*	*	62,475	2,822	1,313	-	-	-
White Haricot	-	-	-	*	*	*	-	-	-
Red Haricot beans	58,513	2,741	8,511	178,870	15,410	5,165	-	-	-
Chick peas	*	*	*	6,834	*	*	-	-	-
Lentils	*	*	*	*	*	*	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	*	*	*	-	-	-
Mung bean/'Masho'	-	-	-	*	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	13,649	131	49	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	*	*	*	12,307	83	34	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	*	*	*	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	5,547	34	*	146,443	1,111	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	*	-	-	-	-
Ethiopian Cabbage	5,547	34	*	132,411	916	-	-	-	-
Tomatoes	-	-	-	6,325	*	-	-	-	-
Green peppers	-	-	-	18,210	*	-	-	-	-
Red papers	-	-	-	*	*	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	54,863	2,080	4,516	359,836	20,848	-	*	*	-
Beet root	-	-	-	3,494	6	-	-	-	-
Carrot	-	-	-	*	*	-	-	-	-
Onion	*	*	*	42,371	447	-	-	-	-
Potatoes	41,457	1,561	*	101,578	3,083	-	*	*	-
Yam	*	*	*	83,864	1,893	-	-	-	-
Garlic	*	*	*	23,425	*	-	-	-	-
Taro/'Godere'	3,380	*	*	189,493	3,591	-	-	-	-
Sweet potatoes	*	*	*	235,425	11,668	-	-	-	-
Other Temporary	10,042	127	928	265,699	10,725	-	*	*	-
Fruit Crops	*	*	*	269,653	*				
Avocado				83,388	562				
Bananas				207,272	*				
Guava				4,231	*				
Lemons				17,446	49				
Mangos				149,468	1,117				
Oranges				27,450	71				
Papayas				64,774	288				
Pineapples				*	*				
Stimulant Crops	-	-	-	287,517	6,840		-	-	-
Chat				33,139	873				
Coffee				275,567	5,890		-	-	-
Hops/'Gesho'				14,521	78				
Enset				376,839	15,392				
Sugar Cane				85,241	1,314				
Other Permanent				195,289	1,625				

(Table 1: Cont'd) **Gamo Goffa, 2016/17**

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	*	*	37,747	*	338,139	104,018
Cereals	*	*	*	*	314,630	89,084
Teff	-	-	*	*	115,389	28,784
Barley	*	*	-	-	111,080	12,614
Wheat	*	*	-	-	59,759	5,401
Maize	-	-	*	*	154,501	40,927
Sorghum	-	-	-	-	12,581	*
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	-	-	*	*	119,531	9,937
Horse/Faba beans	-	-	-	-	22,592	*
Field peas	-	-	-	-	14,454	*
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	*	*	97,982	7,679
Chick peas	-	-	-	-	*	*
Lentils	-	-	-	-	*	*
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	*	*
Mung bean/'Masho"	-	-	-	-	*	*
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	*	*
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	*	*
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	-	-	3,399	*	8,418	74
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	*	*	7,178	38
Tomatoes	-	-	*	*	*	*
Green peppers	-	-	*	*	-	-
Red papers	-	-	*	*	-	-
Swiss chard	-	-	-	-	-	-
Root Crops	*	*	*	*	80,518	3,198
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	*	*	3,903	67
Potatoes	-	-	-	-	49,661	1,571
Yam	*	*	*	*	*	*
Garlic	-	-	*	*	*	*
Taro/'Godere'	-	-	*	*	5,123	*
Sweet potatoes	-	-	*	*	24,930	*
Other Temporary	-	-	*	*	21,131	*
Fruit Crops	-	-	*	*	8,640	*
Avocado	-	-	*	*	-	-
Bananas	-	-	*	*	8,640	*
Guava	-	-	-	-	-	-
Lemons	-	-	*	*	-	-
Mangos	-	-	*	*	-	-
Oranges	-	-	-	-	-	-
Papayas	-	-	*	*	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	-	-	*	*	12,862	157
Chat	-	-	*	*	*	*
Coffee	-	-	*	*	12,312	116
Hops/'Gesho'	-	-	-	-	-	-
Enset	-	-	*	*		
Sugar Cane	-	-	*	*	*	*
Other Permanent	-	-	*	*	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Bench Maji

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	84,588	22,626	24,599	65,173	3,416	12,303	3,829	3,201
Cereals	36,674	18,224	20,518	7,239	*	11,696	3,437	2,690
Teff	3,522	1,045	848	-	-	*	*	*
Barley	2,543	*	*	-	-	*	*	*
Wheat	*	*	*	-	-	*	*	*
Maize	12,776	9,177	11,819	6,540	*	6,403	*	1,330
Sorghum	15,587	6,488	6,494	*	*	*	*	*
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	*	*	*	-	-	*	*	*
Pulse	7,351	984	2,378	5,658	*	*	*	*
Horse/Faba beans	2,316	*	*	*	*	*	*	*
Field peas	2,068	*	-	*	*	-	-	-
White Haricot	*	-	-	-	-	-	-	-
Red Haricot beans	2,767	730	2,057	5,239	9	*	*	*
Chick peas	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	*	*	*	*	*	-	-	-
Vegetables	1,495	256	*	41,029	238	*	*	*
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	61	-	-	-	-	-	-	-
Ethiopian	704	241	*	37,508	224	*	*	*
Tomatoes	*	*	*	*	*	-	-	-
Green peppers	60	9	-	5,676	9	-	-	-
Red papers	*	*	*	*	*	-	-	-
Swiss chard	*	*	-	*	*	-	-	-
Root Crops	5,931	483	*	28,759	418	-	-	-
Beet root	*	*	*	-	-	-	-	-
Carrot	*	*	*	*	*	-	-	-
Onion	49	*	-	*	*	-	-	-
Potatoes	*	-	-	-	-	-	-	-
Yam	81	-	-	-	-	-	-	-
Garlic	*	*	-	*	*	-	-	-
Taro/'Godere'	5,067	431	*	28,352	402	-	-	-
Sweet potatoes	*	*	-	*	*	-	-	-
Other Temporary	2,449	131	*	17,012	65	*	*	*
Fruit Crops	3,466	355		24,270	299			
Avocado	373	45		7,122	45			
Bananas	2,529	238		16,355	182			
Guava	*	-		-	-			
Lemons	4	-		-	-			
Mangos	366	*		*	*			
Oranges	47	*		*	*			
Papayas	119	*		6,739	*			
Pineapples	*	*		*	*			
Stimulant Crops	22,204	1,052		37,328	901			
Chat	1,769	*		3,003	*			
Coffee	20,053	873		36,730	795			
Hops/'Gesho'	382	*		1,758	*			
Enset	3,748	901		40,461	899			
Sugar Cane	776	*		7,129	*			
Other	99	41		14,146	40			

(Table 1: cont'd.)

Bench Maji, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	2,161	322	235	22,875	9,025	11,004	*	*	*
Cereals	*	275	188	22,656	8,754	10,333	*	*	*
Teff	-	-	-	*	*	*	*	*	*
Barley	-	-	-	*	*	*	*	*	*
Wheat	-	-	-	*	*	*	*	*	*
Maize	*	*	*	14,540	3,033	4,450	*	*	*
Sorghum	*	*	*	9,141	*	5,297	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	*	*	*	*	*	*	-	-	-
Pulse	-	-	-	2,918	153	364	*	327	793
Horse/Faba beans	-	-	-	*	*	*	*	*	*
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	2,734	149	351	*	*	*
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	*	*	*
Vegetables	*	*	*	*	*	*	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	*	*	*	-	-	-
Tomatoes	*	*	*	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	*	*	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	*	*	*	*	*	*
Beet root	*	*	*	-	-	-	-	-	-
Carrot	*	*	*	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	*	*	*	*	*	*
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	*	*	*	-	-	-	*	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Bench Maji, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	7,607	*	5,232	165,303	77,368	17,270	26,419	7,220	1,852
Cereals	7,607	*	*	93,946	29,677	12,809	24,670	6,997	1,852
Teff	-	-	-	10,115	3,497	1,444	*	*	*
Barley	-	-	-	18,081	2,543	2,486	-	-	-
Wheat	-	-	-	*	*	*	*	*	*
Maize	6,680	*	*	45,999	5,982	2,734	23,653	6,794	1,625
Sorghum	*	*	*	45,078	15,587	4,716	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	*	*	*	-	-	-
Pulse	*	*	*	70,478	7,351	4,409	-	-	-
Horse/Faba beans	-	-	-	15,825	2,316	2,147	-	-	-
Field peas	-	-	-	13,353	2,068	963	-	-	-
White Haricot	-	-	-	*	*	*	-	-	-
Red Haricot beans	*	*	*	56,391	2,767	1,299	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibbo	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	*	*	*	-	-	-
Vegetables	-	-	-	105,631	1,487	-	*	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	2,809	*	-	*	*	-
Ethiopian Cabbage	-	-	-	91,670	704	-	-	-	-
Tomatoes	-	-	-	*	*	-	-	-	-
Green peppers	-	-	-	18,404	60	-	-	-	-
Red papers	-	-	-	8,268	*	-	-	-	-
Swiss chard	-	-	-	*	*	-	-	-	-
Root Crops	-	-	-	119,467	5,926	-	*	*	-
Beet root	-	-	-	*	*	-	-	-	-
Carrot	-	-	-	*	*	-	-	-	-
Onion	-	-	-	2,583	44	-	*	*	-
Potatoes	-	-	-	*	*	-	-	-	-
Yam	-	-	-	9,177	81	-	-	-	-
Garlic	-	-	-	*	*	-	-	-	-
Taro/'Godere'	-	-	-	114,692	5,067	-	-	-	-
Sweet potatoes	-	-	-	13,574	*	-	-	-	-
Other Temporary	-	-	-	84,780	2,449	-	-	-	-
Fruit Crops	*	*	*	119,930	3,464				
Avocado				50,357	373				
Bananas				99,059	2,526				
Guava				2,573	*				
Lemons				2,931	4				
Mangos				32,057	366				
Oranges				12,512	47				
Papayas				30,444	119				
Pineapples				3,361	*				
Stimulant Crops	438	19	293	139,361	21,997		*	*	-
Chat				36,517	1,769				
Coffee				136,646	19,846		*	*	-
Hops/'Geshe'				32,445	382				
Enset				122,850	3,748				
Sugar Cane				47,606	776				
Other Permanent				48,355	99				

(Table 1: Cont'd) Bench Maji, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	*	*	1,875	*	45,821	15,600
Cereals	*	*	*	*	42,337	14,166
Teff	*	*	-	-	2,956	*
Barley	*	*	-	-	*	*
Wheat	*	*	-	-	*	*
Maize	*	*	*	*	31,115	7,697
Sorghum	*	*	-	-	10,463	*
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	*	*
Pulse	*	*	*	*	11,727	901
Horse/Faba beans	-	-	*	*	*	*
Field peas	*	*	-	-	-	-
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	10,123	666
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	*	*
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	*	*
Vegetables	*	*	*	*	3,047	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	*	*	*	*
Ethiopian Cabbage	-	-	-	-	*	*
Tomatoes	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-
Red papers	*	*	-	-	*	*
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	*	*	*	*
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	-	-	*	*
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	*	*	*	*
Sweet potatoes	-	-	-	-	*	*
Other Temporary	-	-	*	*	1,119	*
Fruit Crops	*	*	*	*	3,585	*
Avocado	-	-	-	-	*	*
Bananas	-	-	*	*	2,905	*
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	*	*	-	-	*	*
Oranges	*	*	-	-	-	-
Papayas	-	-	*	*	*	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	*	*	4,126	147
Chat	-	-	-	-	*	*
Coffee	*	*	*	*	2,479	*
Hops/'Gesho'	*	*	-	-	*	*
Enset	-	-	*	*		
Sugar Cane	-	-	-	-	-	-
Other Permanent	-	-	*	*	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Yem Special

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	27,593	21,792	30,132	25,913	4,086	-	-	-
Cereals	19,237	16,503	27,301	7,093	309	-	-	-
Teff	8,690	8,256	13,546	*	*	-	-	-
Barley	1,313	845	1,188	1,384	*	-	-	-
Wheat	4,802	4,174	6,538	414	*	-	-	-
Maize	3,552	3,070	5,992	5,744	162	-	-	-
Sorghum	869	*	*	421	*	-	-	-
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	*	*	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	3,088	1,923	1,486	10,620	590	-	-	-
Horse/Faba beans	1,716	1,149	793	5,192	417	-	-	-
Field peas	1,271	721	674	1,602	*	-	-	-
White Haricot	11	*	*	1,985	*	-	-	-
Red Haricot beans	29	12	*	4,078	12	-	-	-
Chick peas	*	-	-	-	-	-	-	-
Lentils	45	32	15	449	5	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	*	*	-	*	*	-	-	-
Fenugreek	8	3	*	1,214	3	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	184	*	*	864	*	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	169	*	3	*	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-
Safflower	*	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	15	*	*	494	*	-	-	-
Vegetables	255	215	386	20,100	142	-	-	-
Lettuce	*	*	-	*	*	-	-	-
Head Cabbage	*	*	*	647	*	-	-	-
Ethiopian Cabbage	151	125	*	19,181	120	-	-	-
Tomatoes	7	6	*	1,172	6	-	-	-
Green peppers	9	6	*	3,936	6	-	-	-
Red papers	*	*	347	1,387	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	535	313	*	15,845	301	-	-	-
Beet root	4	3	-	1,589	3	-	-	-
Carrot	1	1	*	473	1	-	-	-
Onion	2	*	-	684	*	-	-	-
Potatoes	13	11	*	552	*	-	-	-
Yam	*	*	-	*	*	-	-	-
Garlic	7	5	*	3,203	5	-	-	-
Taro/'Godere'	375	249	*	12,849	246	-	-	-
Sweet potatoes	133	42	*	5,001	42	-	-	-
Other Temporary	115	61	*	8,328	55	-	-	-
Fruit Crops	358	183		11,284	175			
Avocado	165	80		8,867	73			
Bananas	153	*		6,366	*			
Guava	8	3		962	3			
Lemons	*	-		-	-			
Mangos	17	10		1,947	9			
Oranges	10	5		1,439	5			
Papayas	1	*		320	*			
Pineapples	*	*		*	*			
Stimulant Crops	860	418		14,019	363			
Chat	394	179		8,802	168			
Coffee	442	229		11,476	184			
Hops/'Gesho'	24	10		2,451	10			
Enset	2,679	1,988		21,808	1,985			
Sugar Cane	242	88		7,556	87			
Other	39	20		4,936	16			

(Table 1: cont'd.)

Yem Special, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	2,685	*	*	-	-	-	14,085	4,892	5,371
Cereals	2,358	*	*	-	-	-	11,410	3,896	4,263
Teff	*	*	*	-	-	-	8,026	2,141	2,390
Barley	*	*	*	-	-	-	2,286	206	221
Wheat	*	*	*	-	-	-	4,926	1,157	1,310
Maize	*	*	*	-	-	-	2,591	285	317
Sorghum	*	*	*	-	-	-	*	*	*
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	*	*	*	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	-	-	-	5,870	927	803
Horse/Faba beans	*	*	*	-	-	-	3,966	482	*
Field peas	*	*	*	-	-	-	2,260	424	390
White Haricot beans	-	-	-	-	-	-	*	*	*
Red Haricot beans	-	-	-	-	-	-	*	*	*
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	*	*	*	-	-	-	541	20	11
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	*	*	*
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	*	*	*	-	-	-	1,432	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	*	*	*
Ethiopian Cabbage	-	-	-	-	-	-	*	*	*
Tomatoes	*	*	*	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	*	*	*
Red papers	-	-	-	-	-	-	*	*	*
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	*	*	*
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	*	*	*
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	*	*	*
Taro/'Godere'	-	-	-	-	-	-	*	*	*
Sweet potatoes	-	-	-	-	-	-	*	*	*
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Yem Special, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	20,501	12,149	24,219	28,216	24,995	17,083	9,540	2,597	739
Cereals	20,093	11,673	22,527	26,924	16,667	14,304	8,553	2,570	737
Teff	15,216	5,784	10,903	22,257	8,600	4,611	*	*	*
Barley	3,298	510	929	12,848	1,309	2,022	*	*	*
Wheat	9,244	2,812	5,065	16,949	4,716	6,623	300	*	*
Maize	9,687	2,566	5,629	14,274	1,163	883	8,093	2,389	567
Sorghum	-	-	-	5,056	869	159	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	*	*	*	381	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	2,288	366	652	21,087	3,076	2,728	*	*	*
Horse/Faba beans	1,565	223	370	14,181	1,706	1,641	*	*	*
Field peas	791	141	*	7,479	1,269	1,041	*	*	*
White Haricot	-	-	-	3,162	11	*	-	-	-
Red Haricot beans	-	-	-	8,419	29	2	-	-	-
Chick peas	-	-	-	*	*	*	-	-	-
Lentils	*	*	*	2,175	45	33	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	*	*	*	2,764	8	3	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	552	12	*	2,626	184	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	*	*	*	1,694	169	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	*	*	*	1,082	15	*	-	-	-
Vegetables	703	*	*	23,322	252	-	*	*	-
Lettuce	-	-	-	*	*	-	-	-	-
Head Cabbage	*	*	*	935	*	-	*	*	-
Ethiopian Cabbage	-	-	-	22,019	151	-	-	-	-
Tomatoes	-	-	-	1,381	*	-	*	*	-
Green peppers	*	*	*	5,358	9	-	*	*	-
Red papers	503	*	*	3,598	*	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	561	*	*	20,171	535	-	*	*	-
Beet root	-	-	-	2,229	4	-	*	*	-
Carrot	*	*	*	551	1	-	-	-	-
Onion	-	-	-	1,070	2	-	*	*	-
Potatoes	*	*	*	1,084	13	-	-	-	-
Yam	-	-	-	*	*	-	-	-	-
Garlic	*	*	*	3,897	7	-	*	*	-
Taro/'Godere'	*	*	*	16,808	375	-	-	-	-
Sweet potatoes	-	-	-	8,617	133	-	-	-	-
Other Temporary	*	*	*	12,916	115	-	-	-	-
Fruit Crops	841	46	501	17,296	358				
Avocado				14,394	165				
Bananas				10,386	152				
Guava				2,096	8				
Lemons				*	*				
Mangos				3,591	17				
Oranges				2,945	10				
Papayas				704	1				
Pineapples				*	*				
Stimulant Crops	-	-	-	22,815	858		*	*	-
Chat				15,093	394				
Coffee				19,201	440		*	*	-
Hops/'Geshe'				6,065	24				
Enset				27,047	2,671				
Sugar Cane				14,317	242				
Other Permanent				10,231	39				

(Table 1: Cont'd) *Yem Special, 2016/17*

<i>Crop type</i>	<i>PESTICIDE</i>		<i>IRRIGATION</i>		<i>EXTENSION PACKAGE</i>	
	<i>Holder</i>	<i>Hectare</i>	<i>Holder</i>	<i>Hectare</i>	<i>Holder</i>	<i>Hectare</i>
<i>All</i>	18,882	9,997	654	22	21,321	10,625
<i>Cereals</i>	18,670	9,922	*	*	19,881	9,621
<i>Teff</i>	15,919	6,398	*	*	9,986	3,333
<i>Barley</i>	3,275	369	-	-	3,535	494
<i>Wheat</i>	9,734	2,994	-	-	10,311	2,980
<i>Maize</i>	*	*	-	-	10,162	2,652
<i>Sorghum</i>	*	*	-	-	*	*
<i>Finger millet</i>	-	-	-	-	-	-
<i>Oats/'Aja'</i>	-	-	-	-	-	-
<i>Rice</i>	-	-	-	-	-	-
<i>Pulse</i>	*	*	-	-	5,760	862
<i>Horse/Faba beans</i>	*	*	-	-	5,159	692
<i>Field peas</i>	-	-	-	-	1,207	166
<i>White Haricot beans</i>	-	-	-	-	-	-
<i>Red Haricot beans</i>	-	-	-	-	-	-
<i>Chick peas</i>	-	-	-	-	-	-
<i>Lentils</i>	-	-	-	-	*	*
<i>Vetch/Grass peas</i>	-	-	-	-	-	-
<i>Soya beans</i>	-	-	-	-	-	-
<i>Fenugreek</i>	-	-	-	-	-	-
<i>Mung bean/'Masho'</i>	-	-	-	-	-	-
<i>Gibto</i>	-	-	-	-	-	-
<i>Oil Seeds</i>	-	-	-	-	*	*
<i>Nueg</i>	-	-	-	-	-	-
<i>Linseed</i>	-	-	-	-	*	*
<i>Ground nuts</i>	-	-	-	-	-	-
<i>Safflower</i>	-	-	-	-	-	-
<i>Sesame</i>	-	-	-	-	-	-
<i>Rapeseed</i>	-	-	-	-	*	*
<i>Vegetables</i>	*	*	*	*	1,384	61
<i>Lettuce</i>	-	-	-	-	-	-
<i>Head Cabbage</i>	-	-	-	-	*	*
<i>Ethiopian Cabbage</i>	-	-	-	-	*	*
<i>Tomatoes</i>	-	-	*	*	*	*
<i>Green peppers</i>	-	-	*	*	*	*
<i>Red papers</i>	*	*	-	-	804	*
<i>Swiss chard</i>	-	-	-	-	-	-
<i>Root Crops</i>	*	*	*	*	693	*
<i>Beet root</i>	-	-	*	*	*	*
<i>Carrot</i>	-	-	-	-	-	-
<i>Onion</i>	-	-	*	*	*	*
<i>Potatoes</i>	-	-	-	-	*	*
<i>Yam</i>	-	-	-	-	-	-
<i>Garlic</i>	-	-	-	-	*	*
<i>Taro/'Godere'</i>	-	-	*	*	*	*
<i>Sweet potatoes</i>	*	*	*	*	*	*
<i>Other Temporary</i>	-	-	-	-	*	*
<i>Fruit Crops</i>	-	-	*	*	413	*
<i>Avocado</i>	-	-	*	*	413	*
<i>Bananas</i>	-	-	*	*	*	*
<i>Guava</i>	-	-	-	-	-	-
<i>Lemons</i>	-	-	-	-	-	-
<i>Mangos</i>	-	-	-	-	-	-
<i>Oranges</i>	-	-	-	-	-	-
<i>Papayas</i>	-	-	-	-	-	-
<i>Pineapples</i>	-	-	-	-	-	-
<i>Stimulant Crops</i>	*	*	*	*	590	*
<i>Chat</i>	-	-	*	*	*	*
<i>Coffee</i>	*	*	*	*	284	*
<i>Hops/'Gesho'</i>	-	-	-	-	-	-
<i>Enset</i>	*	*	*	*		
<i>Sugar Cane</i>	-	-	*	*	*	*
<i>Other Permanent</i>	*	*	-	-	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Dawro

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	67,601	44,866	21,358	128,938	20,968	57,453	19,938	16,823
Cereals	21,213	14,805	11,301	7,614	1,135	35,664	10,600	7,720
Teff	10,186	7,839	7,197	2,614	197	28,340	6,305	5,211
Barley	947	*	*	*	*	*	*	*
Wheat	1,409	1,181	1,190	*	*	6,831	1,153	1,190
Maize	6,139	*	*	1,670	*	3,420	2,712	*
Sorghum	2,519	*	*	2,537	*	*	*	*
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	*	*	-	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	19,145	10,784	9,750	15,273	870	36,053	9,078	8,898
Horse/Faba beans	7,958	4,776	4,214	6,755	*	19,982	4,034	3,847
Field peas	5,821	2,843	2,506	*	*	13,159	2,371	2,119
White Haricot	*	*	*	*	*	*	*	*
Red Haricot beans	5,170	3,023	*	7,450	*	10,836	2,566	*
Chick peas	*	*	-	*	*	-	-	-
Lentils	161	*	*	*	*	*	*	*
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	*	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Mung bean/'Masho'	*	*	*	-	-	*	*	*
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	827	*	1,717	*	*
Nueg	*	*	*	-	-	*	*	*
Linseed	81	25	*	*	*	1,249	23	*
Ground nuts	*	*	*	*	*	*	*	*
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	*	*	-	*	*	-	-	-
Vegetables	605	490	*	61,796	471	*	*	*
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	*	*	-	-	-
Ethiopian	527	421	*	56,485	420	*	*	*
Tomatoes	*	*	*	*	*	-	-	-
Green peppers	25	17	-	5,640	17	-	-	-
Red papers	11	10	-	4,656	10	-	-	-
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	5,194	2,825	*	73,132	2,798	882	*	*
Beet root	*	*	-	*	*	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	*	*	*	*	*	*	*	*
Potatoes	19	18	-	2,547	18	-	-	-
Yam	81	67	-	7,359	67	-	-	-
Garlic	*	*	-	*	*	-	-	-
Taro/'Godere'	4,552	2,401	*	65,836	2,376	*	*	*
Sweet potatoes	512	333	-	14,719	333	-	-	-
Other Temporary	859	420	*	26,758	367	*	*	*
Fruit Crops	1,876	636		55,245	636			
Avocado	617	273		30,687	273			
Bananas	963	238		24,645	238			
Guava	7	*		*	*			
Lemons	11	*		*	*			
Mangos	127	55		9,641	55			
Oranges	54	15		3,721	15			
Papayas	98	50		10,290	50			
Pineapples	*	-		-	-			
Stimulant Crops	2,650	1,180		53,111	1,170			
Chat	63	25		2,278	25			
Coffee	2,520	1,138		51,561	1,132			
Hops/'Gesho'	67	17		2,068	12			
Enset	15,389	13,394		117,181	13,370			
Sugar Cane	202	94		12,732	94			
Other	111	49		10,072	47			

(Table 1: cont'd.)

Dawro, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	2,620	*	212	6,026	*	3,663	*	*	*
Cereals	1,524	201	131	4,933	*	*	*	*	*
Teff	1,301	167	121	*	*	*	*	*	*
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	*	*	*	-	-	-
Sorghum	*	*	*	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	*	99	*	*	*	*
Horse/Faba beans	*	*	*	*	*	*	*	*	*
Field peas	-	-	-	-	-	-	*	*	*
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	*	*	*	*	*	*	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	*	*	*	*	*	*	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	*	*	*	*	*	*	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	*	*	*	*	*	*	-	-	-
Fruit Crops							-	-	-
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Dawro, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	143,187	61,731	24,355	13,079	5,869	2,778
Cereals	-	-	-	64,801	17,353	8,525	5,802	*	1,207
Teff	-	-	-	48,729	10,049	5,531	*	*	*
Barley	-	-	-	5,698	947	790	-	-	-
Wheat	-	-	-	7,961	899	1,046	2,462	509	719
Maize	-	-	-	7,248	2,924	620	*	*	*
Sorghum	-	-	-	12,705	2,519	521	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	77,133	17,151	15,686	7,302	*	1,571
Horse/Faba beans	-	-	-	45,696	7,679	7,453	1,652	*	*
Field peas	-	-	-	33,321	5,573	5,169	*	*	*
White Haricot	-	-	-	*	*	*	-	-	-
Red Haricot beans	-	-	-	27,550	3,722	3,024	*	*	*
Chick peas	-	-	-	*	*	*	-	-	-
Lentils	-	-	-	1,413	161	*	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	*	*	*
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	7,790	*	*	-	-	-
Nueg	-	-	-	*	*	*	-	-	-
Linseed	-	-	-	6,048	81	43	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	*	*	*	-	-	-
Vegetables	-	-	-	77,558	605	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	*	-	-	-	-
Ethiopian Cabbage	-	-	-	71,438	527	-	-	-	-
Tomatoes	-	-	-	*	*	-	-	-	-
Green peppers	-	-	-	8,481	25	-	-	-	-
Red papers	-	-	-	5,493	11	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	111,609	5,191	-	*	*	-
Beet root	-	-	-	*	*	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	2,411	*	-	*	*	-
Potatoes	-	-	-	2,756	19	-	-	-	-
Yam	-	-	-	10,771	81	-	-	-	-
Garlic	-	-	-	*	*	-	-	-	-
Taro/'Godere'	-	-	-	103,100	4,552	-	-	-	-
Sweet potatoes	-	-	-	21,086	512	-	-	-	-
Other Temporary	-	-	-	44,968	859	-	-	-	-
Fruit Crops	-	-	-	103,285	1,874				
Avocado				69,915	617				
Bananas				64,002	961				
Guava				*	7				
Lemons				4,798	11				
Mangos				26,159	127				
Oranges				11,427	54				
Papayas				18,595	98				
Pineapples				*	*				
Stimulant Crops	-	-	-	96,240	2,650		-	-	-
Chat				5,441	63				
Coffee				93,396	2,520		-	-	-
Hops/'Geshe'				11,725	67				
Enset				135,795	15,378				
Sugar Cane				25,502	202				
Other Permanent				24,436	111				

(Table 1: Cont'd) Dawro, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	7,610	1,784	*	*	52,295	18,457
Cereals	5,895	1,288	-	-	34,540	11,532
Teff	5,470	1,009	-	-	29,115	6,045
Barley	-	-	-	-	*	*
Wheat	*	*	-	-	4,800	757
Maize	-	-	-	-	4,645	*
Sorghum	-	-	-	-	*	*
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	*	475	-	-	28,522	6,818
Horse/Faba beans	*	*	-	-	14,235	2,882
Field peas	*	*	-	-	9,715	1,693
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	*	*	-	-	9,816	*
Chick peas	-	-	-	-	-	-
Lentils	*	*	-	-	*	*
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	*	*
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	*	*
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	*	*
Nueg	-	-	-	-	*	*
Linseed	-	-	-	-	*	*
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	-	-	*	*	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	*	*	*	*
Tomatoes	-	-	-	-	*	*
Green peppers	-	-	-	-	-	-
Red papers	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-
Root Crops	*	*	-	-	*	*
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	-	-	*	*
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	*	*
Garlic	-	-	-	-	-	-
Taro/'Godere'	*	*	-	-	*	*
Sweet potatoes	-	-	-	-	-	-
Other Temporary	-	-	-	-	*	*
Fruit Crops	-	-	*	*	-	-
Avocado	-	-	-	-	-	-
Bananas	-	-	*	*	-	-
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	-	-	-	-	-	-
Oranges	-	-	-	-	-	-
Papayas	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	-	-	-	-	836	12
Chat	-	-	-	-	-	-
Coffee	-	-	-	-	*	*
Hops/'Gesho'	-	-	-	-	*	*
Enset	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-
Other Permanent	-	-	-	-	-	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Basketo

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	6,647	3,181	3,204	8,966	910	-	-	-
Cereals	2,982	1,898	1,897	2,009	46	-	-	-
Teff	660	217	*	-	-	-	-	-
Barley	*	13	*	*	*	-	-	-
Wheat	*	-	-	-	-	-	-	-
Maize	1,892	1,644	1,752	1,677	25	-	-	-
Sorghum	303	*	*	438	*	-	-	-
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	673	414	1,210	1,614	18	-	-	-
Horse/Faba beans	*	*	*	*	*	-	-	-
Field peas	80	21	*	331	11	-	-	-
White Haricot	17	*	*	*	*	-	-	-
Red Haricot beans	521	374	1,139	1,184	7	-	-	-
Chick peas	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	*	-	-	-	-	-	-	-
Mung bean/'Masho'	*	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	3	*	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	*	*	-	*	*	-	-	-
Ground nuts	*	-	-	-	-	-	-	-
Safflower	2	*	*	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-
Vegetables	15	6	*	1,491	4	-	-	-
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	*	2	*	313	*	-	-	-
Ethiopian Cabbage	6	4	*	741	1	-	-	-
Tomatoes	*	*	-	*	*	-	-	-
Green peppers	1	1	-	431	1	-	-	-
Red papers	-	-	-	-	-	-	-	-
Swiss chard	*	*	-	*	*	-	-	-
Root Crops	902	116	15	5,275	109	-	-	-
Beet root	4	1	*	261	*	-	-	-
Carrot	*	*	-	*	*	-	-	-
Onion	43	*	*	*	*	-	-	-
Potatoes	5	2	*	215	1	-	-	-
Yam	39	5	-	626	5	-	-	-
Garlic	-	-	-	-	-	-	-	-
Taro/'Godere'	370	79	*	4,599	76	-	-	-
Sweet potatoes	442	27	*	1,254	25	-	-	-
Other Temporary	345	52	*	5,074	50	-	-	-
Fruit Crops	440	131		6,479	129			
Avocado	183	83		4,683	82			
Bananas	188	40		3,836	39			
Guava	4	*		266	*			
Lemons	1	-		-	-			
Mangos	51	5		1,053	5			
Oranges	*	*		*	*			
Papayas	9	2		312	2			
Pineapples	2	*		223	*			
Stimulant Crops	624	232		7,162	225			
Chat	7	*		360	*			
Coffee	606	226		7,124	218			
Hops/'Gesho'	11	2		285	2			
Enset	561	292		8,205	290			
Sugar Cane	85	36		3,487	36			
Other Permanent	16	3		1,441	3			

(Table 1: cont'd.)

Basketo ,2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	*	*	*	3,864	1,380	1,068
Cereals	*	*	*	*	*	*	3,641	1,192	690
Teff	*	*	*	-	-	-	492	116	53
Barley	-	-	-	-	-	-	*	*	*
Wheat	-	-	-	-	-	-	-	-	-
Maize	*	*	*	*	*	*	3,400	1,069	629
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	-	-	-	2,318	174	337
Horse/Faba beans	-	-	-	-	-	-	*	*	*
Field peas	-	-	-	-	-	-	*	*	*
White Haricot beans	-	-	-	-	-	-	*	*	*
Red Haricot beans	*	*	*	-	-	-	2,149	155	317
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	*	*	*
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	*	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	*	*	*
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	454	5	9
Beet root	-	-	-	-	-	-	*	*	*
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	*	*	*
Potatoes	-	-	-	-	-	-	*	*	*
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	175	2	*
Sweet potatoes	-	-	-	-	-	-	*	*	*
Other Temporary	-	-	-	-	-	-	264	*	*
Fruit Crops							-	-	-
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Basketo2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	3,900	882	2,131	15,105	5,730	1,006	5,999	917	325
Cereals	3,860	651	1,202	9,706	2,070	743	5,852	912	325
Teff	185	*	*	2,534	657	267	*	*	*
Barley	-	-	-	595	*	*	-	-	-
Wheat	-	-	-	*	*	*	-	-	-
Maize	3,822	546	1,119	7,078	*	*	5,852	908	320
Sorghum	*	*	*	3,284	303	70	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	2,911	221	873	9,399	673	263	-	-	-
Horse/Faba beans	*	*	*	247	*	*	-	-	-
Field peas	*	*	*	1,719	80	29	-	-	-
White Haricot	*	*	*	339	17	6	-	-	-
Red Haricot beans	2,840	212	822	8,614	521	212	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	*	*	*	-	-	-
Mung bean/'Masho'	-	-	-	*	*	*	-	-	-
Gibbo	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	460	3	1	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	*	*	*	264	2	*	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	134	*	*	2,587	14	-	*	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	389	*	-	*	*	-
Ethiopian Cabbage	*	*	*	1,332	6	-	-	-	-
Tomatoes	-	-	-	203	*	-	-	-	-
Green peppers	-	-	-	697	1	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	*	*	-	-	-	-
Root Crops	254	3	7	13,111	898	-	340	*	-
Beet root	-	-	-	697	*	-	179	*	-
Carrot	-	-	-	*	*	-	*	*	-
Onion	*	*	*	770	*	-	161	*	-
Potatoes	*	*	*	744	5	-	-	-	-
Yam	-	-	-	2,307	39	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	*	*	*	10,613	370	-	-	-	-
Sweet potatoes	*	*	*	9,180	442	-	-	-	-
Other Temporary	*	*	*	12,669	345	-	-	-	-
Fruit Crops	*	*	*	14,095	439				
Avocado				11,084	182				
Bananas				10,642	188				
Guava				839	4				
Lemons				530	1				
Mangos				6,513	51				
Oranges				767	*				
Papayas				1,862	9				
Pineapples				1,170	2				
Stimulant Crops	-	-	-	13,626	623		*	*	-
Chat				768	7				
Coffee				13,547	605		*	*	-
Hops/'Gesho'				1,330	11				
Enset				13,160	561				
Sugar Cane				7,658	85				
Other Permanent				3,660	16				

(Table 1: Cont'd) Basketo, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	*	*	744	*	7,832	2,284
Cereals	*	*	*	*	7,348	1,854
Teff	-	-	-	-	682	224
Barley	-	-	-	-	*	*
Wheat	-	-	-	-	-	-
Maize	*	*	*	*	7,061	1,613
Sorghum	-	-	-	-	*	*
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	-	-	*	*	5,050	389
Horse/Faba beans	-	-	-	-	*	*
Field peas	-	-	-	-	214	*
White Haricot beans	-	-	*	*	*	*
Red Haricot beans	-	-	*	*	4,880	361
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	*	*
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	*	*
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	-	-	*	*	271	4
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	134	*
Ethiopian Cabbage	-	-	-	-	171	*
Tomatoes	-	-	*	*	-	-
Green peppers	-	-	*	*	-	-
Red papers	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	*	*	1,136	13
Beet root	-	-	*	*	297	1
Carrot	-	-	-	-	*	*
Onion	-	-	*	*	281	7
Potatoes	-	-	-	-	*	*
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	*	*	356	3
Sweet potatoes	-	-	*	*	*	*
Other Temporary	-	-	*	*	378	2
Fruit Crops	-	-	*	*	600	*
Avocado	-	-	*	*	*	*
Bananas	-	-	*	*	224	1
Guava	-	-	*	*	-	-
Lemons	-	-	-	-	-	-
Mangos	-	-	*	*	*	*
Oranges	-	-	-	-	-	-
Papayas	-	-	-	-	-	-
Pineapples	-	-	*	*	-	-
Stimulant Crops	-	-	*	*	781	12
Chat	-	-	-	-	-	-
Coffee	-	-	*	*	781	12
Hops/'Geshe'	-	-	-	-	-	-
Enset	-	-	*	*	-	-
Sugar Cane	-	-	-	-	*	*
Other Permanent	-	-	*	*	-	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Konta

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	20,226	10,412	5,519	39,177	4,206	14,639	4,158	2,946
Cereals	6,712	3,832	3,341	1,998	327	7,721	1,593	983
Teff	2,642	1,492	1,117	676	*	5,242	860	588
Barley	*	*	*	*	*	*	*	*
Wheat	*	*	*	-	-	*	*	*
Maize	866	437	*	*	*	943	*	*
Sorghum	*	*	*	*	*	*	*	*
Finger millet	*	-	-	-	-	-	-	-
Oats/'Aja'	*	*	*	-	-	*	*	*
Rice	*	*	*	-	-	*	*	*
Pulse	5,728	2,851	1,967	3,724	285	10,052	2,497	1,886
Horse/Faba beans	2,835	1,939	1,425	2,314	114	8,015	1,801	1,400
Field peas	2,285	686	440	*	*	2,702	641	416
White Haricot	*	*	-	*	*	-	-	-
Red Haricot beans	440	122	*	1,463	*	*	*	*
Chick peas	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	*	*	-	*	*	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Mung bean/'Masho'	*	*	*	-	-	-	-	-
Gibto	*	-	-	-	-	-	-	-
Oil Seeds	69	*	*	*	*	*	*	*
Nueg	-	-	-	-	-	-	-	-
Linseed	*	*	*	*	*	*	*	*
Ground nuts	*	*	-	*	*	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	*	-	-	-	-	-	-	-
Rapeseed	*	*	-	*	*	-	-	-
Vegetables	216	116	*	13,775	110	*	*	*
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	4	4	-	935	4	-	-	-
Ethiopian Cabbage	133	78	*	10,842	73	*	*	*
Tomatoes	*	*	-	*	*	-	-	-
Green peppers	53	*	-	3,774	*	-	-	-
Red papers	*	*	-	1,447	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	2,155	887	*	22,914	870	*	*	*
Beet root	*	*	-	*	*	-	-	-
Carrot	*	-	-	-	-	-	-	-
Onion	18	*	-	*	*	-	-	-
Potatoes	12	8	*	*	*	*	*	*
Yam	38	13	-	1,857	13	-	-	-
Garlic	4	*	*	905	*	*	*	*
Taro/'Godere'	1,872	817	*	21,306	804	*	*	*
Sweet potatoes	*	30	-	2,399	30	-	-	-
Other Temporary	*	118	-	9,137	118	-	-	-
Fruit Crops	1,279	570		20,382	503			
Avocado	354	221		12,729	188			
Bananas	674	206		11,032	200			
Guava	5	*		*	*			
Lemons	10	*		*	*			
Mangos	81	*		4,570	*			
Oranges	*	7		1,812	7			
Papayas	87	42		7,068	39			
Pineapples	*	*		*	*			
Stimulant Crops	990	359		16,547	350			
Chat	*	*		*	*			
Coffee	928	350		16,452	347			
Hops/'Gesho'	25	*		*	*			
Enset	2,462	1,623		34,912	1,590			
Sugar Cane	60	34		4,649	34			
Other	26	9		4,879	9			

(Table 1: cont'd.)

Konta, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	5,259	1,992	2,532	-	-	-
Cereals	*	*	*	5,023	1,871	2,331	-	-	-
Teff	*	*	*	1,741	*	516	-	-	-
Barley	-	-	-	*	*	*	-	-	-
Wheat	-	-	-	*	*	*	-	-	-
Maize	*	*	*	479	*	*	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	*	*	*	*	*	*	-	-	-
Pulse	*	*	*	*	*	*	-	-	-
Horse/Faba beans	-	-	-	*	*	*	-	-	-
Field peas	*	*	*	*	*	*	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	*	*	*	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	*	*	*	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Konta,2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	51,973	19,851	6,494	2,684	375	*
Cereals	*	*	*	23,597	6,370	2,903	1,426	342	*
Teff	*	*	*	12,753	2,585	1,140	*	*	*
Barley	-	-	-	3,967	*	*	-	-	-
Wheat	-	-	-	*	*	*	*	*	*
Maize	-	-	-	4,748	690	213	490	*	*
Sorghum	-	-	-	5,995	*	*	-	-	-
Finger millet	-	-	-	*	*	*	-	-	-
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	*	*	*	-	-	-
Pulse	-	-	-	25,588	5,712	3,566	*	*	*
Horse/Faba beans	-	-	-	14,773	2,835	1,766	-	-	-
Field peas	-	-	-	10,442	2,285	1,472	-	-	-
White Haricot	-	-	-	*	*	*	-	-	-
Red Haricot beans	-	-	-	11,366	430	299	*	*	*
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	*	*	*	*	*	*
Gibto	-	-	-	*	*	*	-	-	-
Oil Seeds	-	-	-	1,928	69	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	707	*	*	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	*	*	*	-	-	-
Rapeseed	-	-	-	*	*	*	-	-	-
Vegetables	-	-	-	22,119	215	-	*	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	*	-	*	*	-
Ethiopian Cabbage	-	-	-	16,768	133	-	-	-	-
Tomatoes	-	-	-	443	*	-	-	-	-
Green peppers	-	-	-	7,068	53	-	*	*	-
Red papers	-	-	-	3,376	*	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	42,466	2,155	-	*	*	-
Beet root	-	-	-	*	*	-	*	*	-
Carrot	-	-	-	*	*	-	*	*	-
Onion	-	-	-	1,970	18	-	*	*	-
Potatoes	-	-	-	1,003	12	-	-	-	-
Yam	-	-	-	3,403	38	-	-	-	-
Garlic	-	-	-	2,004	4	-	-	-	-
Taro/'Godere'	-	-	-	40,671	1,872	-	-	-	-
Sweet potatoes	-	-	-	6,026	*	-	-	-	-
Other Temporary	-	-	-	18,484	*	-	-	-	-
Fruit Crops				38,911	1,279				
Avocado				25,003	354				
Bananas				30,410	674				
Guava				2,020	5				
Lemons				3,034	10				
Mangos				9,349	81				
Oranges				3,907	*				
Papayas				12,175	87				
Pineapples				*	*				
Stimulant Crops	-	-	-	32,394	975		*	*	-
Chat				3,392	*				
Coffee				31,853	919		*	*	-
Hops/'Gesho'				3,356	25				
Enset				47,026	2,462				
Sugar Cane				7,936	60				
Other Permanent				12,127	26				

(Table 1: Cont'd) Kanta, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	5,199	881	*	*	15,969	5,351
Cereals	4,546	774	-	-	10,525	2,894
Teff	*	597	-	-	5,967	1,351
Barley	*	*	-	-	*	*
Wheat	*	*	-	-	*	*
Maize	*	*	-	-	1,263	331
Sorghum	*	*	-	-	*	*
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	*	*
Rice	-	-	-	-	*	*
Pulse	*	*	*	*	9,481	2,399
Horse/Faba beans	*	*	*	*	7,262	1,709
Field peas	*	*	-	-	2,720	615
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	*	*	-	-	*	*
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	*	*
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	*	*
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	*	*
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	-	-	*	*	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	*	*	*	*
Ethiopian Cabbage	-	-	*	*	*	*
Tomatoes	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-
Red papers	-	-	-	-	*	*
Swiss chard	-	-	-	-	-	-
Root Crops	*	*	*	*	1,103	*
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	*	*
Onion	-	-	-	-	*	*
Potatoes	-	-	-	-	*	*
Yam	-	-	-	-	-	-
Garlic	-	-	*	*	*	*
Taro/'Godere'	*	*	-	-	*	*
Sweet potatoes	-	-	-	-	-	-
Other Temporary	-	-	*	*	-	-
Fruit Crops	*	*	*	*	*	*
Avocado	-	-	-	-	*	*
Bananas	*	*	*	*	*	*
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	-	-	-	-	-	-
Oranges	-	-	-	-	*	*
Papayas	-	-	-	-	*	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	-	-	*	*	*	*
Chat	-	-	-	-	-	-
Coffee	-	-	*	*	*	*
Hops/'Gesho'	-	-	-	-	-	-
Enset	-	-	*	*	-	-
Sugar Cane	-	-	-	-	-	-
Other Permanent	-	-	-	-	-	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Silite

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	123,774	119,032	211,737	136,772	12,236	27,002	2,004	1,771
Cereals	97,408	95,651	179,617	16,168	285	12,648	1,197	1,060
Teff	15,764	15,642	22,595	*	*	*	*	*
Barley	6,692	6,574	13,082	*	*	2,209	*	*
Wheat	23,363	23,363	50,596	*	*	1,391	*	*
Maize	44,019	43,875	79,183	11,837	106	6,082	606	514
Sorghum	7,428	6,055	14,065	*	*	3,594	261	*
Finger millet	*	*	*	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	6,778	5,749	5,953	33,635	1,435	16,523	641	506
Horse/Faba beans	3,447	3,303	2,365	26,176	1,191	12,651	346	259
Field peas	1,355	1,327	1,927	3,977	*	*	*	*
White Haricot	*	*	*	*	*	*	*	*
Red Haricot beans	625	441	588	3,477	*	*	*	*
Chick peas	518	*	*	*	*	*	*	*
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	*	*	*	*	*	-	-	-
Soya beans	*	*	*	-	-	-	-	-
Fenugreek	*	*	*	1,235	*	*	*	*
Mung bean/'Masho'	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	149	133	270	*	*	*	*	*
Nueg	-	-	-	-	-	-	-	-
Linseed	36	22	*	*	*	*	*	*
Ground nuts	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	113	112	250	*	*	*	*	*
Vegetables	8,082	7,752	22,096	102,498	1,800	5,523	*	*
Lettuce	*	*	-	*	*	-	-	-
Head Cabbage	*	*	*	*	*	*	*	*
Ethiopian	2,362	2,055	*	100,779	1,730	4,335	*	*
Tomatoes	37	*	*	2,732	*	-	-	-
Green peppers	*	*	*	*	*	-	-	-
Red papers	5,652	5,652	20,845	*	*	*	*	*
Swiss chard	*	*	*	1,591	*	-	-	-
Root Crops	123	105	*	11,688	29	*	*	*
Beet root	9	5	*	3,169	*	-	-	-
Carrot	*	6	*	*	*	-	-	-
Onion	*	*	*	*	*	*	*	*
Potatoes	*	*	*	*	*	*	*	*
Yam	-	-	-	-	-	-	-	-
Garlic	*	*	*	*	*	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	-	*	*	-	-	-
Other Temporary	649	556	*	20,788	152	*	*	*
Fruit Crops	396	273		39,872	242			
Avocado	84	55		17,072	52			
Bananas	107	75		15,960	72			
Guava	12	*		*	*			
Lemons	*	*		3,424	*			
Mangos	49	29		5,307	*			
Oranges	45	44		12,734	44			
Papayas	78	*		9,373	32			
Pineapples	-	-		-	-			
Stimulant Crops	4,277	3,030		70,019	2,556			
Chat	3,704	2,660		56,559	2,220			
Coffee	471	318		41,387	284			
Hops/'Gesho'	*	*		*	*			
Enset	5,687	5,640		65,492	5,600			
Sugar Cane	*	*		5,235	*			
Other	182	115		36,277	108			

(Table 1: cont'd.)

Sillite, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	16,955	1,490	859	94,309	49,593	97,454	21,599	2,401	1,988
Cereals	8,138	935	388	93,658	45,005	85,778	10,551	1,576	1,135
Teff	*	*	*	20,576	5,496	*	1,617	*	*
Barley	*	*	*	30,231	2,245	4,677	5,130	219	189
Wheat	*	*	*	50,970	12,231	25,696	2,141	*	*
Maize	*	*	*	78,964	22,225	39,199	*	*	*
Sorghum	3,160	363	*	32,137	2,809	6,334	4,538	*	*
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	5,730	177	129	26,918	1,233	1,859	14,382	713	702
Horse/Faba beans	2,104	*	*	17,941	616	831	11,960	540	493
Field peas	*	*	*	5,578	133	182	*	*	*
White Haricot beans	*	*	*	*	*	*	*	*	*
Red Haricot beans	*	*	*	*	*	*	*	*	*
Chick peas	-	-	-	*	*	*	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	*	*	*	-	-	-	-	-	-
Fenugreek	-	-	-	*	*	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	2,929	43	90	*	*	*
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	2,289	31	78	*	*	*
Vegetables	4,965	58	58	27,043	3,015	8,895	*	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	4,965	56	56	8,589	82	241	*	*	*
Tomatoes	-	-	-	*	*	*	-	-	-
Green peppers	-	-	-	*	*	*	-	-	-
Red papers	*	*	*	21,942	2,932	8,652	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	*	*	*	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	*	*	*	-	-	-
Potatoes	-	-	-	*	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	*	*	*	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	*	*	*	7,952	95	*	*	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Silite, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	88,862	51,308	109,665	189,137	66,444	48,931	153,335	57,330	31,872
Cereals	87,688	46,653	91,255	152,673	40,742	42,680	149,241	56,666	31,521
Teff	25,526	9,078	12,153	48,172	14,077	4,354	5,635	*	864
Barley	39,992	3,912	8,125	78,395	6,206	12,054	4,393	485	*
Wheat	41,309	10,706	24,497	57,403	10,707	21,478	42,460	12,655	20,274
Maize	64,933	20,713	39,295	24,522	2,288	*	140,321	41,731	9,655
Sorghum	22,437	2,102	7,087	71,535	7,321	*	*	*	*
Finger millet	*	*	*	*	*	*	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	27,006	1,551	2,755	111,292	6,332	6,179	*	*	*
Horse/Faba beans	13,999	554	747	84,981	3,432	3,160	*	*	*
Field peas	14,193	821	1,399	34,813	1,353	1,730	*	*	*
White Haricot	*	*	*	*	*	*	*	*	*
Red Haricot beans	4,087	*	*	17,553	522	326	*	*	*
Chick peas	*	*	*	13,473	518	*	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	*	*	*	*	*	*	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	*	*	*	2,496	*	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	8,788	149	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	3,536	36	23	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	*	*	*	5,580	113	*	-	-	-
Vegetables	20,799	2,690	12,939	143,241	7,996	-	1,276	*	-
Lettuce	-	-	-	*	*	-	-	-	-
Head Cabbage	-	-	-	3,880	*	-	-	-	-
Ethiopian Cabbage	4,028	*	*	130,523	2,349	-	*	*	-
Tomatoes	*	*	*	5,927	37	-	-	-	-
Green peppers	-	-	-	*	*	-	-	-	-
Red papers	18,097	2,625	*	43,580	5,579	-	*	*	-
Swiss chard	*	*	*	2,170	*	-	-	-	-
Root Crops	1,491	*	*	18,533	117	-	3,136	*	-
Beet root	*	*	*	5,007	*	-	*	*	-
Carrot	*	*	*	5,309	*	-	*	*	-
Onion	*	*	*	4,812	*	-	*	*	-
Potatoes	-	-	-	2,103	*	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	*	*	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	*	*	-	-	-	-
Other Temporary	6,381	274	*	42,147	649	-	-	-	-
Fruit Crops	4,507	44	*	56,350	370				
Avocado				28,276	83				
Bananas				21,881	107				
Guava				4,789	12				
Lemons				4,835	*				
Mangos				7,513	40				
Oranges				14,056	43				
Papayas				15,483	64				
Pineapples				-	-				
Stimulant Crops	1,117	10	92	92,932	4,188		10,932	*	-
Chat				82,297	3,700				
Coffee				50,554	386		10,328	*	-
Hops/'Gesho'				1,283	*				
Enset				68,113	5,687				
Sugar Cane				9,346	*				
Other Permanent				54,438	171				

(Table 1: Cont'd) Silite, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	119,965	40,689	*	*	159,310	72,547
Cereals	107,593	37,378	*	*	156,153	69,627
Teff	42,951	14,079	-	-	17,528	5,750
Barley	31,108	2,090	-	-	23,193	1,985
Wheat	74,486	18,770	*	*	66,109	17,034
Maize	8,349	*	*	*	138,226	41,775
Sorghum	3,192	*	-	-	40,546	3,083
Finger millet	*	*	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	9,097	328	-	-	32,487	1,625
Horse/Faba beans	8,367	306	-	-	20,568	852
Field peas	*	*	-	-	9,793	245
White Haricot beans	-	-	-	-	*	*
Red Haricot beans	*	*	-	-	*	*
Chick peas	-	-	-	-	*	*
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	*	*
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	2,520	*
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	2,520	*
Vegetables	17,262	*	*	*	16,142	861
Lettuce	-	-	-	-	-	-
Head Cabbage	*	*	-	-	*	*
Ethiopian Cabbage	10,801	143	*	*	10,467	108
Tomatoes	-	-	*	*	*	*
Green peppers	*	*	-	-	*	*
Red papers	*	*	*	*	6,942	752
Swiss chard	-	-	*	*	-	-
Root Crops	*	*	*	*	3,905	*
Beet root	-	-	*	*	*	*
Carrot	-	-	-	-	*	*
Onion	*	*	*	*	*	*
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	*	*	*	*	9,967	161
Fruit Crops	*	*	*	*	5,033	10
Avocado	*	*	*	*	*	*
Bananas	-	-	*	*	1,666	3
Guava	-	-	-	-	*	*
Lemons	-	-	-	-	*	*
Mangos	*	*	-	-	*	*
Oranges	*	*	-	-	-	-
Papayas	-	-	-	-	*	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	18,033	1,166	*	*	10,496	116
Chat	17,020	1,112	*	*	4,635	81
Coffee	2,943	*	*	*	6,973	35
Hops/'Gesho'	-	-	-	-	-	-
Enset	*	*	-	-	-	-
Sugar Cane	-	-	-	-	-	-
Other Permanent	*	*	*	*	1,733	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Alaba

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	51,197	46,597	78,921	39,773	3,324	20,332	4,330	4,178
Cereals	38,924	35,606	53,381	17,069	1,086	18,341	3,826	3,575
Teff	8,852	8,685	11,789	-	-	4,795	976	917
Barley	249	122	173	-	-	*	*	*
Wheat	3,531	3,420	4,921	*	*	1,653	*	*
Maize	19,898	18,403	27,258	14,950	918	10,472	1,567	1,493
Sorghum	3,979	2,788	6,555	5,022	146	6,554	463	408
Finger millet	2,413	2,186	2,679	*	*	6,548	468	397
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	*	*	*	-	-	-	-	-
Pulse	1,812	1,438	2,577	7,315	169	3,698	135	142
Horse/Faba beans	*	*	*	*	*	-	-	-
Field peas	*	*	*	-	-	-	-	-
White Haricot	*	*	*	*	*	*	*	*
Red Haricot beans	1,626	1,269	2,297	6,707	161	3,533	109	103
Chick peas	*	*	*	-	-	*	*	*
Lentils	*	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	*	*	-	*	*	-	-	-
Fenugreek	*	*	-	*	*	-	-	-
Mung bean/'Masho'	*	*	*	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	41	30	*	1,942	15	*	*	*
Nueg	*	*	-	*	*	-	-	-
Linseed	14	*	*	*	*	*	*	*
Ground nuts	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	27	*	*	1,624	14	*	*	*
Vegetables	7,515	7,370	21,004	29,156	568	3,701	187	243
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	23	22	*	2,369	*	*	*	*
Ethiopian	820	705	391	28,402	520	1,744	21	29
Tomatoes	*	*	-	*	*	-	-	-
Green peppers	*	*	*	726	*	-	-	-
Red papers	6,668	6,640	20,594	2,387	30	2,307	163	210
Swiss chard	*	*	-	*	*	-	-	-
Root Crops	49	44	42	4,377	15	*	*	*
Beet root	5	*	*	929	*	-	-	-
Carrot	*	*	*	*	*	-	-	-
Onion	*	*	*	*	*	-	-	-
Potatoes	36	32	38	1,626	*	*	*	*
Yam	*	*	-	*	*	-	-	-
Garlic	*	*	*	*	*	-	-	-
Taro/'Godere'	*	*	-	*	*	-	-	-
Sweet potatoes	2	2	-	797	2	-	-	-
Other Temporary	329	294	686	8,475	148	1,276	*	*
Fruit Crops	108	*		12,037	56			
Avocado	*	*		4,974	19			
Bananas	26	19		4,366	18			
Guava	*	*		*	*			
Lemons	*	*		*	*			
Mangos	*	*		954	*			
Oranges	*	*		*	*			
Papayas	12	10		4,727	10			
Pineapples	-	-		-	-			
Stimulant Crops	2,339	1,665		27,293	1,207			
Chat	2,080	1,441		21,839	1,005			
Coffee	259	225		15,908	202			
Hops/'Gesho'	*	*		*	*			
Enset	*	*		5,144	*			
Sugar Cane	13	6		945	*			
Other	31	25		5,635	22			

(Table 1: cont'd.)

Alaba, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	2,373	*	*	48,536	33,205	59,831	*	*	*
Cereals	1,400	*	*	46,162	26,001	41,625	*	*	*
Teff	*	*	*	23,322	6,176	9,024	*	*	*
Barley	-	-	-	1,367	*	*	*	*	*
Wheat	-	-	-	11,955	3,058	4,548	-	-	-
Maize	*	*	*	41,766	13,527	21,756	*	*	*
Sorghum	*	*	*	25,039	1,796	4,360	*	*	*
Finger millet	*	*	*	14,349	1,357	1,803	*	*	*
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	*	-	-	*	*	*	-	-	-
Pulse	*	*	*	12,893	797	1,254	*	*	*
Horse/Faba beans	-	-	-	*	*	*	-	-	-
Field peas	-	-	-	*	*	*	-	-	-
White Haricot beans	-	-	-	*	*	*	-	-	-
Red Haricot beans	*	*	*	11,079	662	1,013	*	*	*
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	*	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	966	*	*	33,043	5,996	15,853	*	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	583	*	*	-	-	-
Ethiopian Cabbage	*	*	*	6,994	158	356	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	*	*	*	-	-	-
Red papers	*	*	*	30,535	5,834	15,482	*	*	*
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	1,335	15	*	-	-	-
Beet root	-	-	-	*	*	*	-	-	-
Carrot	-	-	-	*	*	*	-	-	-
Onion	-	-	-	*	*	*	-	-	-
Potatoes	-	-	-	773	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	*	*	*	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	*	*	*	4,695	101	332	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Alaba 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	62,852	31,492	11,775	51,754	19,705	7,704
Cereals	*	*	*	57,020	19,541	10,819	51,754	19,382	7,508
Teff	*	*	*	27,115	7,255	2,373	6,770	1,597	512
Barley	*	*	*	3,275	249	*	-	-	-
Wheat	*	*	*	10,412	2,299	3,975	5,171	1,232	1,795
Maize	*	*	*	22,565	3,586	1,970	50,598	16,312	5,146
Sorghum	*	*	*	43,610	3,936	1,279	973	*	*
Finger millet	*	*	*	24,584	2,214	842	*	*	*
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	*	*	*	-	-	-
Pulse	*	*	*	28,138	1,612	949	3,383	200	196
Horse/Faba beans	-	-	-	*	*	*	-	-	-
Field peas	-	-	-	*	*	*	*	*	*
White Haricot	-	-	-	610	*	*	-	-	-
Red Haricot beans	*	*	*	26,205	1,477	875	2,883	*	*
Chick peas	-	-	-	*	*	*	*	*	*
Lentils	-	-	-	*	*	*	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	*	*	*	-	-	-
Fenugreek	-	-	-	*	*	*	-	-	-
Mung bean/'Masho'	-	-	-	*	*	*	*	*	*
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	4,032	40	*	*	*	-
Nueg	-	-	-	*	*	*	-	-	-
Linseed	-	-	-	917	14	1	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	3,105	26	*	*	*	-
Vegetables	*	*	*	51,076	7,415	-	860	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	2,991	22	-	*	*	-
Ethiopian Cabbage	-	-	-	38,433	820	-	-	-	-
Tomatoes	-	-	-	*	*	-	-	-	-
Green peppers	-	-	-	1,631	*	-	-	-	-
Red papers	*	*	*	37,633	6,568	-	*	*	-
Swiss chard	-	-	-	*	*	-	-	-	-
Root Crops	-	-	-	7,309	48	-	*	*	-
Beet root	-	-	-	1,253	*	-	*	*	-
Carrot	-	-	-	*	*	-	*	*	-
Onion	-	-	-	*	*	-	*	*	-
Potatoes	-	-	-	3,626	36	-	-	-	-
Yam	-	-	-	*	*	-	-	-	-
Garlic	-	-	-	*	*	-	-	-	-
Taro/'Godere'	-	-	-	*	*	-	-	-	-
Sweet potatoes	-	-	-	932	2	-	-	-	-
Other Temporary	*	*	*	16,801	329	-	-	-	-
Fruit Crops	*	*	*	16,691	105				
Avocado				7,270	*				
Bananas				6,201	26				
Guava				1,745	*				
Lemons				*	*				
Mangos				1,412	*				
Oranges				*	*				
Papayas				6,158	12				
Pineapples				-	-				
Stimulant Crops	-	-	-	39,992	2,322		1,569	*	-
Chat				36,940	2,072				
Coffee				19,600	250		*	*	-
Hops/'Gesho'				*	*				
Enset				5,729	*				
Sugar Cane				2,071	13				
Other Permanent				8,409	31				

(Table 1: Cont'd) Silite, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	29,300	9,694	*	*	52,647	26,054
Cereals	28,656	9,213	-	-	52,157	22,912
Teff	25,028	7,214	-	-	16,054	3,864
Barley	*	*	-	-	*	*
Wheat	5,512	*	-	-	8,865	1,855
Maize	*	*	-	-	49,156	14,451
Sorghum	*	*	-	-	23,407	1,540
Finger millet	6,614	759	-	-	11,703	1,163
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	*	*
Pulse	*	*	-	-	13,045	693
Horse/Faba beans	-	-	-	-	*	*
Field peas	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	*	*	-	-	12,579	632
Chick peas	*	*	-	-	*	*
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	*	*
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	*	*
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	*	*
Vegetables	2,282	*	-	-	14,433	2,008
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	1,052	2
Ethiopian Cabbage	*	*	-	-	4,739	74
Tomatoes	-	-	-	-	-	-
Green peppers	-	-	-	-	*	*
Red papers	*	*	-	-	9,822	1,932
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	*	*	*	*
Beet root	-	-	*	*	*	*
Carrot	-	-	-	-	*	*
Onion	-	-	-	-	*	*
Potatoes	-	-	-	-	*	*
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	*	*	-	-	6,642	139
Fruit Crops	*	*	-	-	780	*
Avocado	*	*	-	-	*	*
Bananas	-	-	-	-	*	*
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	-	-	-	-	-	-
Oranges	-	-	-	-	*	*
Papayas	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	1,552	129	-	-	10,099	290
Chat	1,233	*	-	-	9,333	273
Coffee	*	*	-	-	2,422	17
Hops/'Gesho'	-	-	-	-	-	-
Enset	*	*	-	-	-	-
Sugar Cane	-	-	-	-	*	*
Other Permanent	-	-	-	-	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Segen

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	70,956	23,792	*	28,021	3,467	6,129	1,565	1,660
Cereals	47,525	*	*	2,779	96	*	444	*
Teff	17,360	*	*	*	*	*	*	*
Barley	1,001	*	*	*	*	*	*	*
Wheat	711	*	*	*	*	*	*	*
Maize	21,302	*	*	2,079	45	*	*	*
Sorghum	7,140	*	-	*	*	-	-	-
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	*	*	*	-	-	*	*	*
Rice	-	-	-	-	-	-	-	-
Pulse	14,613	*	*	2,169	*	4,582	1,088	1,176
Horse/Faba beans	*	*	-	*	*	-	-	-
Field peas	517	*	*	*	*	*	*	*
White Haricot	*	*	*	*	*	*	*	*
Red Haricot beans	10,586	*	*	644	*	*	*	*
Chick peas	898	*	*	-	-	*	*	*
Lentils	*	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	*	-	-	-	-	-	-	-
Fenugreek	*	-	-	-	-	-	-	-
Mung bean/'Masho"	*	*	*	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	*	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	*	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-
Safflower	*	-	-	-	-	-	-	-
Sesame	*	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-
Vegetables	258	116	*	10,344	114	-	-	-
Lettuce	*	*	-	*	*	-	-	-
Head Cabbage	*	*	*	*	*	-	-	-
Ethiopian Cabbage	243	113	*	10,083	111	-	-	-
Tomatoes	*	*	-	*	*	-	-	-
Green peppers	*	3	-	1,363	3	-	-	-
Red papers	-	-	-	-	-	-	-	-
Swiss chard	*	*	-	*	*	-	-	-
Root Crops	248	66	*	*	*	-	-	-
Beet root	*	*	-	*	*	-	-	-
Carrot	*	-	-	-	-	-	-	-
Onion	*	*	*	*	*	-	-	-
Potatoes	*	*	*	*	*	-	-	-
Yam	*	*	-	*	*	-	-	-
Garlic	*	*	-	*	*	-	-	-
Taro/'Godere'	*	*	-	*	*	-	-	-
Sweet potatoes	*	*	-	*	*	-	-	-
Other Temporary	580	*	*	*	*	*	*	*
Fruit Crops	1,552	120		7,329	77			
Avocado	66	*		2,563	*			
Bananas	*	51		4,586	*			
Guava	*	*		*	*			
Lemons	17	*		*	*			
Mangos	*	*		*	*			
Oranges	*	*		*	*			
Papayas	*	*		*	*			
Pineapples	-	-		-	-			
Stimulant Crops	1,506	353		9,708	*			
Chat	*	*		*	*			
Coffee	1,182	*		9,684	*			
Hops/'Gesho'	*	*		*	*			
Enset	3,287	2,588		20,427	2,588			
Sugar Cane	139	*		1,413	*			
Other	1,242	*		4,184	*			

(Table 1: cont'd.)

Segen, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	*	*	*	*	*	*
Cereals	*	*	*	*	*	*	*	*	*
Teff	*	*	*	*	*	*	*	*	*
Barley	*	*	*	*	*	*	*	*	*
Wheat	-	-	-	*	*	*	*	*	*
Maize	*	*	*	*	*	*	*	*	*
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	*	*	*	*	*	*
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	*	*	*	-	-	-
Red Haricot beans	*	*	*	*	*	*	*	*	*
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	*	*	*
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	*	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	*	*	*
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	-	-	-	*	*	*
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	*	*	*	-	-	-	-	-	-
Potatoes	*	*	*	-	-	-	*	*	*
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	*	*	*	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Segen, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	*	*	*	80,510	70,166	22,148	*	*	*
Cereals	*	*	*	64,092	46,744	15,126	*	*	*
Teff	*	*	*	28,205	17,356	6,203	*	*	*
Barley	*	*	*	13,797	990	911	*	*	-
Wheat	-	-	-	6,056	710	708	*	*	*
Maize	*	*	*	53,318	20,536	6,141	*	*	*
Sorghum	-	-	-	14,296	7,140	1,159	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	53,871	14,607	7,022	*	*	*
Horse/Faba beans	-	-	-	4,303	*	53	-	-	-
Field peas	-	-	-	5,548	517	*	-	-	-
White Haricot	*	*	*	*	*	*	-	-	-
Red Haricot beans	*	*	*	40,627	10,586	3,285	-	-	-
Chick peas	-	-	-	5,085	898	335	-	-	-
Lentils	-	-	-	*	*	*	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	*	*	*	*	*	*
Fenugreek	-	-	-	*	*	*	-	-	-
Mung bean/'Masho'	-	-	-	*	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	*	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	*	*	*	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	*	*	*	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	22,080	258	-	*	*	-
Lettuce	-	-	-	*	*	-	-	-	-
Head Cabbage	-	-	-	*	*	-	-	-	-
Ethiopian Cabbage	-	-	-	21,816	243	-	*	*	-
Tomatoes	-	-	-	*	*	-	-	-	-
Green peppers	-	-	-	2,763	*	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	*	*	-	-	-	-
Root Crops	-	-	-	21,211	246	-	*	*	-
Beet root	-	-	-	*	*	-	-	-	-
Carrot	-	-	-	*	*	-	-	-	-
Onion	-	-	-	1,428	*	-	-	-	-
Potatoes	-	-	-	*	*	-	-	-	-
Yam	-	-	-	*	*	-	-	-	-
Garlic	-	-	-	*	*	-	-	-	-
Taro/'Godere'	-	-	-	8,753	*	-	-	-	-
Sweet potatoes	-	-	-	2,061	*	-	*	*	-
Other Temporary	-	-	-	22,800	580	-	-	-	-
Fruit Crops	*	*	*	44,853	1,552				
Avocado				8,433	66				
Bananas				30,284	*				
Guava				1,930	*				
Lemons				6,095	17				
Mangos				16,708	*				
Oranges				*	*				
Papayas				9,431	*				
Pineapples				-	-				
Stimulant Crops	-	-	-	40,604	1,505		*	*	-
Chat				7,633	*				
Coffee				38,546	1,181		*	*	-
Hops/'Gesho'				*	*				
Enset				33,068	3,286				
Sugar Cane				7,434	139				
Other Permanent				34,687	1,241				

(Table 1: Cont'd) Segen, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	*	*	12,377	*	18,612	*
Cereals	*	*	*	*	18,020	*
Teff	*	*	*	*	13,094	*
Barley	*	*	*	*	*	*
Wheat	*	*	*	*	*	*
Maize	*	*	*	*	8,009	3,301
Sorghum	*	*	-	-	*	*
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	*	*	*	*	5,300	*
Horse/Faba beans	*	*	-	-	*	*
Field peas	*	*	-	-	-	-
White Haricot beans	-	-	*	*	*	*
Red Haricot beans	*	*	*	*	4,923	*
Chick peas	*	*	*	*	*	*
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	*	*	*	*
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	*	*
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	*	*	874	*	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	*	*	*	*
Ethiopian Cabbage	*	*	846	*	*	*
Tomatoes	-	-	*	*	-	-
Green peppers	-	-	*	*	-	-
Red papers	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	*	*	*	*
Beet root	-	-	-	-	-	-
Carrot	-	-	*	*	*	*
Onion	-	-	*	*	*	*
Potatoes	-	-	-	-	*	*
Yam	-	-	*	*	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	*	*	*	*
Sweet potatoes	-	-	*	*	-	-
Other Temporary	*	*	2,718	*	*	*
Fruit Crops	*	*	9,086	*	*	*
Avocado	*	*	3,302	*	*	*
Bananas	-	-	6,941	*	*	*
Guava	-	-	*	*	-	-
Lemons	-	-	*	*	-	-
Mangos	*	*	*	*	*	*
Oranges	-	-	*	*	-	-
Papayas	-	-	*	*	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	-	-	7,798	*	*	*
Chat	-	-	*	*	*	*
Coffee	-	-	7,798	*	*	*
Hops/'Gesho'	-	-	*	*	*	*
Enset	*	*	7,853	*		
Sugar Cane	-	-	*	*	*	*
Other Permanent	*	*	*	*	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Gambela Region

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	19,278	127	*	2,859	88	-	-	-
Cereals	7,109	*	-	*	*	-	-	-
Teff	*	-	-	-	-	-	-	-
Barley	*	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-
Maize	4,062	*	-	*	*	-	-	-
Sorghum	2,847	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	*	-	-	-	-	-	-	-
Pulse	91	*	-	*	*	-	-	-
Horse/Faba beans	*	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-
White Haricot	*	-	-	-	-	-	-	-
Red Haricot beans	*	*	-	*	*	-	-	-
Chick peas	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	*	-	-	-	-	-	-	-
Soya beans	1	-	-	-	-	-	-	-
Fenugreek	*	-	-	-	-	-	-	-
Mung bean/'Masho'	*	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	*	*	-	*	*	-	-	-
Nueg	*	-	-	-	-	-	-	-
Linseed	*	-	-	-	-	-	-	-
Ground nuts	*	*	-	*	*	-	-	-
Safflower	*	-	-	-	-	-	-	-
Sesame	*	-	-	-	-	-	-	-
Rapeseed	*	-	-	-	-	-	-	-
Vegetables	535	*	*	1,094	5	-	-	-
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	*	-	-	-	-	-	-	-
Ethiopian Cabbage	91	3	-	888	3	-	-	-
Tomatoes	*	*	*	*	*	-	-	-
Green peppers	19	*	-	*	*	-	-	-
Red papers	*	*	-	*	*	-	-	-
Swiss chard	*	-	-	-	-	-	-	-
Root Crops	372	*	-	569	*	-	-	-
Beet root	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	*	*	-	*	*	-	-	-
Potatoes	*	-	-	-	-	-	-	-
Yam	*	-	-	-	-	-	-	-
Garlic	*	-	-	-	-	-	-	-
Taro/'Godere'	155	*	-	*	*	-	-	-
Sweet potatoes	132	*	-	*	*	-	-	-
Other Temporary	604	*	-	683	*	-	-	-
Fruit Crops	1,013	*	-	793	*	-	-	-
Avocado	163	*	-	482	*	-	-	-
Bananas	437	1	-	171	1	-	-	-
Guava	*	-	-	-	-	-	-	-
Lemons	6	-	-	-	-	-	-	-
Mangos	237	*	-	*	*	-	-	-
Oranges	21	*	-	*	*	-	-	-
Papayas	132	*	-	*	*	-	-	-
Pineapples	7	-	-	-	-	-	-	-
Stimulant Crops	8,776	*	-	710	*	-	-	-
Chat	346	*	-	*	*	-	-	-
Coffee	8,343	*	-	672	*	-	-	-
Hops/'Gesho'	87	*	-	*	*	-	-	-
Enset	450	*	-	970	*	-	-	-
Sugar Cane	239	*	-	300	*	-	-	-
Other Permanent	17	*	-	*	*	-	-	-

(Table 1: cont'd.)

Gambela Region, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	*	*	*	-	-	-
Cereals	-	-	-	-	-	-	-	-	-
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	*	*	*	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	*	*	*	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Gambela Region, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	66,789	19,229	5,251	*	*	*
Cereals	-	-	-	49,556	7,083	5,197	*	*	*
Teff	-	-	-	*	*	*	-	-	-
Barley	-	-	-	*	*	*	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	36,905	4,037	3,226	*	*	*
Sorghum	-	-	-	16,045	2,846	*	*	*	*
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	*	*	*	-	-	-
Pulse	-	-	-	6,325	91	31	-	-	-
Horse/Faba beans	-	-	-	*	*	*	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot	-	-	-	1,287	*	*	-	-	-
Red Haricot beans	-	-	-	4,488	*	*	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	*	*	-	-	-	-
Soya beans	-	-	-	284	1	*	-	-	-
Fenugreek	-	-	-	*	*	-	-	-	-
Mung bean/"Masho"	-	-	-	472	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	*	*	*	-	-	-
Nueg	-	-	-	*	*	*	-	-	-
Linseed	-	-	-	48	*	-	-	-	-
Ground nuts	-	-	-	179	*	*	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	*	*	*	-	-	-
Rapeseed	-	-	-	*	*	*	-	-	-
Vegetables	-	-	-	16,608	534	-	18	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	*	-	-	-	-
Ethiopian Cabbage	-	-	-	10,409	91	-	-	-	-
Tomatoes	-	-	-	2,228	*	-	18	*	-
Green peppers	-	-	-	1,899	19	-	-	-	-
Red papers	-	-	-	4,609	*	-	-	-	-
Swiss chard	-	-	-	*	*	-	-	-	-
Root Crops	-	-	-	16,419	372	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	*	*	-	-	-	-
Potatoes	-	-	-	*	*	-	-	-	-
Yam	-	-	-	2,266	*	-	-	-	-
Garlic	-	-	-	*	*	-	-	-	-
Taro/'Godere'	-	-	-	8,925	155	-	-	-	-
Sweet potatoes	-	-	-	7,608	132	-	-	-	-
Other Temporary	-	-	-	22,077	604	-	*	*	-
Fruit Crops				40,388	990				
Avocado				14,166	163				
Bananas				18,827	437				
Guava				1,440	*				
Lemons				2,610	6				
Mangos				19,582	232				
Oranges				4,193	21				
Papayas				20,956	114				
Pineapples				1,849	7				
Stimulant Crops	-	-	-	20,256	8,776		-	-	-
Chat				4,135	346				
Coffee				19,165	8,343		-	-	-
Hops/'Gesho'				5,561	87				
Enset				14,301	450				
Sugar Cane				13,728	239				
Other Permanent				11,322	17				

(Table 1: Cont'd) Gambela Region, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	5,572	2,295	1,118	*	2,287	279
Cereals	4,076	715	*	*	1,207	123
Teff	-	-	-	-	-	-
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	*	*	-	-	1,207	123
Sorghum	2,037	*	-	-	-	-
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	*	*	-	-
Pulse	*	*	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	*	*	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	*	*	*	*	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	*	*	*	*	*	*
Tomatoes	*	*	*	*	*	*
Green peppers	-	-	-	-	-	-
Red papers	-	-	-	-	*	*
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	*	*	*	*
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	*	*	*	*
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	*	*	-	-	*	*
Fruit Crops	*	*	449	*	*	*
Avocado	*	*	*	*	-	-
Bananas	-	-	*	*	-	-
Guava	-	-	-	-	-	-
Lemons	-	-	*	*	-	-
Mangos	*	*	*	*	*	*
Oranges	-	-	*	*	-	-
Papayas	-	-	*	*	*	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	1,315	*	*	*	*	*
Chat	-	-	*	*	-	-
Coffee	1,315	*	*	*	*	*
Hops/'Gesho'	-	-	*	*	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	*	*	-	-
Other Permanent	-	-	*	*	-	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Agnuwake

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	3,423	*	*	*	*	-	-	-
Cereals	1,772	*	-	*	*	-	-	-
Teff	*	-	-	-	-	-	-	-
Barley	*	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-
Maize	1,148	*	-	*	*	-	-	-
Sorghum	*	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	*	-	-	-	-	-	-	-
Pulse	*	-	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-
White Haricot	*	-	-	-	-	-	-	-
Red Haricot beans	*	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	*	-	-	-	-	-	-	-
Fenugreek	*	-	-	-	-	-	-	-
Mung bean/'Masho"	*	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	*	-	-	-	-	-	-	-
Nueg	*	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Ground nuts	*	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	*	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-
Vegetables	*	*	*	*	*	-	-	-
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-
Ethiopian Cabbage	*	-	-	-	-	-	-	-
Tomatoes	*	*	*	*	*	-	-	-
Green peppers	*	-	-	-	-	-	-	-
Red papers	*	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	146	*	-	*	*	-	-	-
Beet root	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	*	*	-	*	*	-	-	-
Potatoes	-	-	-	-	-	-	-	-
Yam	*	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-
Taro/'Godere'	7	-	-	-	-	-	-	-
Sweet potatoes	92	-	-	-	-	-	-	-
Other Temporary	229	-	-	-	-	-	-	-
Fruit Crops	282	-	-	-	-	-	-	-
Avocado	*	-	-	-	-	-	-	-
Bananas	82	-	-	-	-	-	-	-
Guava	*	-	-	-	-	-	-	-
Lemons	4	-	-	-	-	-	-	-
Mangos	96	-	-	-	-	-	-	-
Oranges	*	-	-	-	-	-	-	-
Papayas	86	-	-	-	-	-	-	-
Pineapples	*	-	-	-	-	-	-	-
Stimulant Crops	*	-	-	-	-	-	-	-
Chat	*	-	-	-	-	-	-	-
Coffee	*	-	-	-	-	-	-	-
Hops/'Gesho'	*	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-	-
Sugar Cane	*	-	-	-	-	-	-	-
Other Permanent	7	-	-	-	-	-	-	-

(Table 1: cont'd.)

Agnuwake, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	*	*	*	-	-	-
Cereals	-	-	-	-	-	-	-	-	-
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	*	*	*	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	*	*	*	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Agnuwake, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	26,037	3,379	3,419	*	*	*
Cereals	-	-	-	21,774	1,752	3,373	*	*	*
Teff	-	-	-	*	*	*	-	-	-
Barley	-	-	-	*	*	*	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	17,798	1,128	2,174	*	*	*
Sorghum	-	-	-	*	*	*	*	*	*
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	*	*	*	-	-	-
Pulse	-	-	-	2,106	*	*	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot	-	-	-	845	*	*	-	-	-
Red Haricot beans	-	-	-	797	*	*	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	*	*	-	-	-	-
Fenugreek	-	-	-	*	*	-	-	-	-
Mung bean/'Masho'	-	-	-	472	*	*	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	*	*	*	-	-	-
Nueg	-	-	-	*	*	*	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	*	*	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	4,456	*	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	454	*	-	-	-	-
Tomatoes	-	-	-	844	*	-	-	-	-
Green peppers	-	-	-	*	*	-	-	-	-
Red papers	-	-	-	*	*	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	6,876	146	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	*	*	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	*	*	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	908	7	-	-	-	-
Sweet potatoes	-	-	-	5,090	92	-	-	-	-
Other Temporary	-	-	-	8,402	229	-	*	*	-
Fruit Crops				15,764	259				
Avocado				*	*				
Bananas				4,482	81				
Guava				*	*				
Lemons				1,189	4				
Mangos				7,440	91				
Oranges				255	*				
Papayas				10,578	69				
Pineapples				*	*				
Stimulant Crops	-	-	-	*	*		-	-	-
Chat				*	*				
Coffee				*	*		-	-	-
Hops/'Gesho'				*	*				
Enset				-	-				
Sugar Cane				*	*				
Other Permanent				2,002	6				

(Table 1: Cont'd) Agnuwake, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	*	*	*	*	*	*
Cereals	*	*	-	-	*	*
Teff	-	-	-	-	-	-
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	-	-	-	-	*	*
Sorghum	*	*	-	-	-	-
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	*	*	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho"	*	*	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	*	*	*	*	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	*	*	*	*	*	*
Tomatoes	*	*	*	*	*	*
Green peppers	-	-	-	-	-	-
Red papers	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	*	*	*	*
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	*	*	*	*
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	-	-	-	-	*	*
Fruit Crops	-	-	*	*	*	*
Avocado	-	-	-	-	-	-
Bananas	-	-	*	*	-	-
Guava	-	-	-	-	-	-
Lemons	-	-	*	*	-	-
Mangos	-	-	*	*	*	*
Oranges	-	-	*	*	-	-
Papayas	-	-	*	*	*	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	-	-	*	*	*	*
Chat	-	-	-	-	-	-
Coffee	-	-	*	*	*	*
Hops/'Gesho'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	*	*	-	-
Other Permanent	-	-	-	-	-	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Nuaware

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	2,053	*	-	*	*	-	-	-
Cereals	2,033	*	-	*	*	-	-	-
Teff	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-
Maize	2,033	*	-	*	*	-	-	-
Sorghum	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	*	-	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-
White Haricot	*	-	-	-	-	-	-	-
Red Haricot beans	*	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-
Other Temporary	3	-	-	-	-	-	-	-
Fruit Crops	16	-	-	-	-	-	-	-
Avocado	-	-	-	-	-	-	-	-
Bananas	*	-	-	-	-	-	-	-
Guava	-	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-	-
Mangos	4	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-	-
Papayas	11	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-	-
Stimulant Crops	-	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-	-
Hops/'Gesho'	-	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-	-	-
Other Permanent	-	-	-	-	-	-	-	-

(Table 1: cont'd.)

Nuware, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	-	-	-	-	-	-
Cereals	-	-	-	-	-	-	-	-	-
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Nuware, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	11,944	2,048	734	*	*	*
Cereals	-	-	-	11,839	2,029	733	*	*	*
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	11,839	2,029	733	*	*	*
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	*	*	*	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot	-	-	-	*	*	*	-	-	-
Red Haricot beans	-	-	-	*	*	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	384	3	-	-	-	-
Fruit Crops				2,255	16				
Avocado				-	-				
Bananas				*	*				
Guava				-	-				
Lemons				-	-				
Mangos				783	4				
Oranges				-	-				
Papayas				1,615	11				
Pineapples				-	-				
Stimulant Crops	-	-	-	-	-		-	-	-
Chat				-	-				
Coffee				-	-		-	-	-
Hops/'Geshe'				-	-				
Enset				-	-				
Sugar Cane				-	-				
Other Permanent				-	-				

(Table 1: Cont'd) Nuware, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	*	*	-	-	-	-
Cereals	*	*	-	-	-	-
Teff	-	-	-	-	-	-
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	*	*	-	-	-	-
Sorghum	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-
Red papers	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-
Fruit Crops	*	*	-	-	-	-
Avocado	-	-	-	-	-	-
Bananas	-	-	-	-	-	-
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	*	*	-	-	-	-
Oranges	-	-	-	-	-	-
Papayas	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	-	-	-	-	-	-
Chat	-	-	-	-	-	-
Coffee	-	-	-	-	-	-
Hops/'Gesho'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-
Other Permanent	-	-	-	-	-	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Mezengere

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	13,022	82	-	2,613	82	-	-	-
Cereals	2,691	*	-	*	*	-	-	-
Teff	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-
Maize	268	*	-	*	*	-	-	-
Sorghum	2,416	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	*	-	-	-	-	-	-	-
Pulse	16	*	-	*	*	-	-	-
Horse/Faba beans	*	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-
White Haricot	*	-	-	-	-	-	-	-
Red Haricot beans	10	*	-	*	*	-	-	-
Chick peas	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	*	-	-	-	-	-	-	-
Soya beans	1	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	*	*	-	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Ground nuts	*	*	-	*	*	-	-	-
Safflower	*	-	-	-	-	-	-	-
Sesame	*	-	-	-	-	-	-	-
Rapeseed	*	-	-	-	-	-	-	-
Vegetables	148	4	-	998	4	-	-	-
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	*	-	-	-	-	-	-	-
Ethiopian Cabbage	69	3	-	888	3	-	-	-
Tomatoes	*	*	-	*	*	-	-	-
Green peppers	17	*	-	*	*	-	-	-
Red papers	48	*	-	*	*	-	-	-
Swiss chard	*	-	-	-	-	-	-	-
Root Crops	212	*	-	473	*	-	-	-
Beet root	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-
Potatoes	*	-	-	-	-	-	-	-
Yam	*	-	-	-	-	-	-	-
Garlic	*	-	-	-	-	-	-	-
Taro/'Godere'	141	*	-	*	*	-	-	-
Sweet potatoes	*	*	-	*	*	-	-	-
Other Temporary	365	*	-	683	*	-	-	-
Fruit Crops	579	*	-	793	*	-	-	-
Avocado	160	*	-	482	*	-	-	-
Bananas	275	1	-	171	1	-	-	-
Guava	1	-	-	-	-	-	-	-
Lemons	3	-	-	-	-	-	-	-
Mangos	82	*	-	*	*	-	-	-
Oranges	18	*	-	*	*	-	-	-
Papayas	34	*	-	*	*	-	-	-
Pineapples	7	-	-	-	-	-	-	-
Stimulant Crops	8,347	*	-	710	*	-	-	-
Chat	342	*	-	*	*	-	-	-
Coffee	7,947	*	-	672	*	-	-	-
Hops/'Gesho'	58	*	-	*	*	-	-	-
Enset	450	*	-	970	*	-	-	-
Sugar Cane	198	*	-	300	*	-	-	-
Other Permanent	10	*	-	*	*	-	-	-

(Table 1: cont'd.)

Mezengere, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	-	-	-	-	-	-
Cereals	-	-	-	-	-	-	-	-	-
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Mezengere, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	25,360	13,022	854	-	-	-
Cereals	-	-	-	12,733	2,691	846	-	-	-
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	4,057	268	74	-	-	-
Sorghum	-	-	-	10,675	2,416	767	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	*	*	*	-	-	-
Pulse	-	-	-	4,188	16	*	-	-	-
Horse/Faba beans	-	-	-	*	*	*	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot	-	-	-	*	*	*	-	-	-
Red Haricot beans	-	-	-	3,675	10	2	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	*	*	-	-	-	-
Soya beans	-	-	-	246	1	*	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	318	*	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	*	*	*	-	-	-
Sesame	-	-	-	*	*	*	-	-	-
Rapeseed	-	-	-	*	*	*	-	-	-
Vegetables	-	-	-	11,691	148	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	*	-	-	-	-
Ethiopian Cabbage	-	-	-	9,655	69	-	-	-	-
Tomatoes	-	-	-	1,174	*	-	-	-	-
Green peppers	-	-	-	1,667	17	-	-	-	-
Red papers	-	-	-	1,273	48	-	-	-	-
Swiss chard	-	-	-	*	*	-	-	-	-
Root Crops	-	-	-	9,008	212	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	*	*	-	-	-	-
Yam	-	-	-	2,093	*	-	-	-	-
Garlic	-	-	-	*	*	-	-	-	-
Taro/'Godere'	-	-	-	7,684	141	-	-	-	-
Sweet potatoes	-	-	-	2,301	*	-	-	-	-
Other Temporary	-	-	-	13,018	365	-	-	-	-
Fruit Crops				20,039	579				
Avocado				13,853	160				
Bananas				12,855	275				
Guava				598	1				
Lemons				1,421	3				
Mangos				9,397	82				
Oranges				3,920	18				
Papayas				8,439	34				
Pineapples				1,817	7				
Stimulant Crops	-	-	-	18,181	8,347		-	-	-
Chat				4,039	342				
Coffee				17,473	7,947		-	-	-
Hops/'Geshe'				4,123	58				
Enset				14,301	450				
Sugar Cane				11,688	198				
Other Permanent				9,263	10				

(Table 1: Cont'd) Mezengere, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	3,091	*	*	*	*	*
Cereals	1,941	*	*	*	-	-
Teff	-	-	-	-	-	-
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	*	*	-	-	-	-
Sorghum	1,941	*	-	-	-	-
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	*	*	-	-
Pulse	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	-	-	*	*	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	*	*	*	*
Tomatoes	-	-	*	*	*	*
Green peppers	-	-	-	-	-	-
Red papers	-	-	-	-	*	*
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	*	*	-	-	-	-
Fruit Crops	*	*	*	*	-	-
Avocado	*	*	*	*	-	-
Bananas	-	-	*	*	-	-
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	-	-	-	-	-	-
Oranges	-	-	*	*	-	-
Papayas	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	1,315	*	*	*	*	*
Chat	-	-	*	*	-	-
Coffee	1,315	*	*	*	*	*
Hops/'Gesho'	-	-	*	*	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-
Other Permanent	-	-	*	*	-	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Itange

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	781	-	-	-	-	-	-	-
Cereals	612	-	-	-	-	-	-	-
Teff	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-
Maize	612	-	-	-	-	-	-	-
Sorghum	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-
White Haricot	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	*	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-
Linseed	*	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-
Vegetables	13	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-
Ethiopian Cabbage	4	-	-	-	-	-	-	-
Tomatoes	9	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	14	-	-	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-
Taro/'Godere'	7	-	-	-	-	-	-	-
Sweet potatoes	7	-	-	-	-	-	-	-
Other Temporary	7	-	-	-	-	-	-	-
Fruit Crops	136	-	-	-	-	-	-	-
Avocado	-	-	-	-	-	-	-	-
Bananas	81	-	-	-	-	-	-	-
Guava	1	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-	-
Mangos	54	-	-	-	-	-	-	-
Oranges	*	-	-	-	-	-	-	-
Papayas	*	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-	-
Stimulant Crops	-	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-	-
Hops/'Gesho'	-	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-	-
Sugar Cane	*	-	-	-	-	-	-	-
Other Permanent	*	-	-	-	-	-	-	-

(Table 1: cont'd.)

Itange, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	-	-	-	-	-	-
Cereals	-	-	-	-	-	-	-	-	-
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Itange, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	3,448	781	244	18	-	-
Cereals	-	-	-	3,211	612	244	-	-	-
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	3,211	612	244	-	-	-
Sorghum	-	-	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot	-	-	-	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	48	*	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	48	*	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	-	-	-	462	12	-	18	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	300	4	-	-	-	-
Tomatoes	-	-	-	209	8	-	18	*	-
Green peppers	-	-	-	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	535	14	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	332	7	-	-	-	-
Sweet potatoes	-	-	-	217	7	-	-	-	-
Other Temporary	-	-	-	272	7	-	-	-	-
Fruit Crops				2,331	136				
Avocado				-	-				
Bananas				1,451	81				
Guava				132	1				
Lemons				-	-				
Mangos				1,963	54				
Oranges				18	*				
Papayas				324	*				
Pineapples				-	-				
Stimulant Crops	-	-	-	-	-		-	-	-
Chat				-	-				
Coffee				-	-		-	-	-
Hops/'Gesho'				-	-				
Enset				-	-				
Sugar Cane				54	*				
Other Permanent				57	*				

(Table 1: Cont'd) Itange, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	683	105	-	-	701	105
Cereals	683	105	-	-	683	105
Teff	-	-	-	-	-	-
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	683	105	-	-	683	105
Sorghum	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	-	-	-	-	18	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	-	-	-	-	18	*
Green peppers	-	-	-	-	-	-
Red papers	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-
Fruit Crops	-	-	-	-	-	-
Avocado	-	-	-	-	-	-
Bananas	-	-	-	-	-	-
Guava	-	-	-	-	-	-
Lemons	-	-	-	-	-	-
Mangos	-	-	-	-	-	-
Oranges	-	-	-	-	-	-
Papayas	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-
Stimulant Crops	-	-	-	-	-	-
Chat	-	-	-	-	-	-
Coffee	-	-	-	-	-	-
Hops/'Gesho'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-
Other Permanent	-	-	-	-	-	-

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Hararie Region

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	19,066	14,956	24,012	21,210	5,625	4,091	1,573	1,333
Cereals	8,682	7,093	12,600	13,022	2,650	3,382	754	639
Teff	-	-	-	-	-	-	-	-
Barley	*	*	*	-	-	*	*	*
Wheat	*	*	*	*	*	*	*	*
Maize	1,408	1,290	4,571	5,631	292	1,860	175	*
Sorghum	7,152	5,681	7,694	11,634	2,348	2,564	*	426
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	*	*	-	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	*	*	*	*	*	*	*	*
Horse/Faba beans	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-
White Haricot	*	*	*	*	*	*	*	*
Red Haricot beans	*	*	*	*	*	*	*	*
Chick peas	-	-	-	-	-	-	-	-
Lentils	*	*	-	*	*	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	2,786	1,964	822	6,801	1,252	*	*	*
Nueg	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Ground nuts	2,577	1,794	820	6,707	1,084	*	*	*
Safflower	-	-	-	-	-	-	-	-
Sesame	*	*	*	*	*	-	-	-
Rapeseed	-	-	-	-	-	-	-	-
Vegetables	*	*	*	323	*	*	*	*
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	-	-	-	-	-
Ethiopian	-	-	-	-	-	-	-	-
Tomatoes	*	*	*	*	*	*	*	*
Green peppers	*	*	*	*	*	*	*	*
Red papers	*	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	64	53	96	842	*	*	*	*
Beet root	*	*	*	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	*	*	*	*	*	-	-	-
Potatoes	*	*	*	*	*	*	*	*
Yam	-	-	-	-	-	-	-	-
Garlic	*	*	-	*	*	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	58	47	84	498	*	*	*	*
Other Temporary	24	22	*	2,828	13	*	*	*
Fruit Crops	750	407		10,938	253			
Avocado	*	-		-	-			
Bananas	51	19		3,613	12			
Guava	45	23		1,655	*			
Lemons	92	52		2,631	21			
Mangos	479	269		6,229	190			
Oranges	*	-		-	-			
Papayas	82	44		1,486	*			
Pineapples	-	-		-	-			
Stimulant Crops	6,402	5,330		12,139	1,416			
Chat	6,365	5,297		11,429	1,394			
Coffee	37	33		1,190	*			
Hops/'Gesho'	-	-		-	-			
Enset	-	-		-	-			
Sugar Cane	275	*		*	*			
Other	24	*		1,965	*			

(Table 1: cont'd.)

Hararie Region, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	6,138	2,188	1,851	5,905	2,633	6,716	*	*	*
Cereals	5,769	1,029	869	5,424	1,266	3,250	*	*	*
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	*	*	*	*	*	*	-	-	-
Maize	3,016	150	139	3,409	275	825	*	*	*
Sorghum	5,110	876	727	4,929	990	2,422	*	51	*
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	*	*	*	*	*	*	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	*	*	*	-	-	-	-	-	-
Red Haricot beans	-	-	-	*	*	*	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	2,080	281	239	1,384	162	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	2,080	279	237	1,384	162	*	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	*	*	*	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	*	*	*	*	*	*	*	*	*
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	*	*	*	*	*	*
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-	-
Green peppers	*	*	*	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	636	*	*	*	*	*
Beet root	-	-	-	*	*	*	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	*	*	*	*	*	*	-	-	-
Potatoes	-	-	-	*	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	*	*	*	*	*	*
Other Temporary	*	*	*	*	*	*	*	*	*
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Hararie Region, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	5,458	2,754	13,514	35,146	18,714	5,774	4,752	352	204
Cereals	5,358	1,332	7,527	33,372	8,330	3,715	4,703	352	204
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	*	*	*	-	-	-
Wheat	*	*	*	690	*	*	*	*	*
Maize	4,414	389	3,274	17,002	1,116	579	3,913	292	133
Sorghum	4,595	859	3,957	31,478	7,140	3,049	*	*	*
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	*	*	*	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	510	*	*	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot	-	-	-	*	*	*	-	-	-
Red Haricot beans	-	-	-	*	*	*	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	*	*	*	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	14,612	2,786	2,045	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	*	*	*	14,563	2,577	2,034	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	1,577	*	11	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	*	*	*	1,142	*	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	*	*	*	301	*	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	*	*	-	-	-	-
Green peppers	-	-	-	450	*	-	-	-	-
Red papers	-	-	-	*	*	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	2,527	64	-	-	-	-
Beet root	-	-	-	*	*	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	*	*	-	-	-	-
Potatoes	-	-	-	388	*	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	*	*	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	*	*	*	1,768	58	-	-	-	-
Other Temporary	*	*	*	3,955	24	-	-	-	-
Fruit Crops	5,349	1,405	5,756	19,435	750				
Avocado				*	*				
Bananas				6,069	51				
Guava				4,008	45				
Lemons				5,567	92				
Mangos				14,392	479				
Oranges				*	*				
Papayas				3,535	82				
Pineapples				-	-				
Stimulant Crops	534	111	379	32,063	6,402		-	-	-
Chat				32,056	6,365				
Coffee				1,962	37		-	-	-
Hops/'Geshe'				-	-				
Enset				-	-				
Sugar Cane				5,287	275				
Other Permanent				4,131	24				

(Table 1: Cont'd) Hararie Region, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	4,714	1,358	11,894	3,057	17,454	6,742
Cereals	923	122	7,185	710	17,024	3,499
Teff	-	-	-	-	-	-
Barley	-	-	-	-	*	*
Wheat	-	-	-	-	*	*
Maize	789	*	4,679	219	11,543	900
Sorghum	612	73	4,674	482	14,312	2,534
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	*	*	-	-
Rice	-	-	-	-	-	-
Pulse	-	-	-	-	*	*
Horse/Faba beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
White Haricot beans	-	-	-	-	*	*
Red Haricot beans	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/'Masho"	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	*	*	2,948	297	3,164	380
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	*	*	2,948	297	3,164	378
Safflower	-	-	-	-	-	-
Sesame	*	*	-	-	*	*
Rapeseed	-	-	-	-	-	-
Vegetables	-	-	551	*	402	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	*	*	301	*
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	-	-	*	*	*	*
Green peppers	-	-	*	*	-	-
Red papers	-	-	*	*	-	-
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	643	31	954	21
Beet root	-	-	-	-	*	*
Carrot	-	-	-	-	-	-
Onion	-	-	-	-	*	*
Potatoes	-	-	-	-	*	*
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	643	31	603	*
Other Temporary	-	-	*	*	686	*
Fruit Crops	-	-	5,077	249	2,614	100
Avocado	-	-	*	*	-	-
Bananas	-	-	*	*	351	*
Guava	-	-	*	*	*	*
Lemons	-	-	1,997	39	1,126	*
Mangos	-	-	3,409	106	1,249	48
Oranges	-	-	*	*	-	-
Papayas	-	-	1,756	60	429	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	4,391	1,230	9,383	1,496	15,943	2,702
Chat	4,391	1,230	9,221	1,487	15,943	2,697
Coffee	*	*	*	*	363	*
Hops/'Gesho'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	4,710	242	*	*
Other Permanent	*	*	*	*	*	*

Table1: Number of Holders, Inputs Applied Area and Quantity of Inputs used, 2016/17

Dire Dawa Region

Crop type	All Crop Area	All Fertilizers		Natural		DAP		
		Hectare	Quintal	Holder	Hectare	Holder	Hectare	Quintal
All	13,154	4,226	202	14,571	3,928	336	*	*
Cereals	10,760	3,282	102	13,412	3,073	*	*	*
Teff	-	-	-	-	-	-	-	-
Barley	*	*	*	-	-	-	-	-
Wheat	*	*	*	*	*	-	-	-
Maize	240	135	13	2,902	124	*	*	*
Sorghum	10,508	3,144	87	12,962	2,948	*	*	*
Finger millet	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulse	643	268	*	5,931	249	*	*	*
Horse/Faba beans	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-
White Haricot	319	111	*	2,746	104	*	*	*
Red Haricot beans	321	157	*	3,629	145	-	-	-
Chick peas	-	-	-	-	-	-	-	-
Lentils	*	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	199	*	*	1,235	*	*	*	*
Nueg	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Ground nuts	*	*	*	*	*	*	*	*
Safflower	-	-	-	-	-	-	-	-
Sesame	52	8	-	517	8	-	-	-
Rapeseed	*	*	-	*	*	-	-	-
Vegetables	36	26	*	1,809	25	-	-	-
Lettuce	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-
Ethiopian Cabbage	*	*	-	*	*	-	-	-
Tomatoes	24	17	*	1,009	17	-	-	-
Green peppers	4	3	*	763	3	-	-	-
Red papers	*	*	-	*	*	-	-	-
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	58	36	*	1,525	30	-	-	-
Beet root	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	*	*	*	*	*	-	-	-
Potatoes	*	*	-	*	*	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	38	26	-	1,298	26	-	-	-
Other Temporary	*	*	-	*	*	-	-	-
Fruit Crops	126	54	-	3,929	53	-	-	-
Avocado	*	*	-	*	*	-	-	-
Bananas	*	*	-	*	*	-	-	-
Guava	14	4	-	1,169	4	-	-	-
Lemons	1	1	-	382	1	-	-	-
Mangos	*	5	-	930	5	-	-	-
Oranges	*	*	-	246	*	-	-	-
Papayas	*	*	-	1,878	*	-	-	-
Pineapples	-	-	-	-	-	-	-	-
Stimulant Crops	1,294	489	-	6,621	440	-	-	-
Chat	1,160	417	-	5,424	368	-	-	-
Coffee	134	71	-	2,325	71	-	-	-
Hops/'Gesho'	*	*	-	*	*	-	-	-
Enset	-	-	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-	-	-
Other Permanent	31	14	-	2,443	14	-	-	-

(Table 1: cont'd.)

Dire Dawa Region, 2016/17

Crop type	UREA			UREA + DAP			NPS		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	1,214	237	97	*	*	*	-	-	-
Cereals	1,010	179	51	*	*	*	-	-	-
Teff	-	-	-	-	-	-	-	-	-
Barley	*	*	*	-	-	-	-	-	-
Wheat	*	*	*	-	-	-	-	-	-
Maize	*	*	*	*	*	*	-	-	-
Sorghum	773	169	42	*	*	*	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	612	15	12	*	*	*	-	-	-
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot beans	*	*	*	*	*	*	-	-	-
Red Haricot beans	387	*	*	*	*	*	-	-	-
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	*	*	*	-	-	-	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	-	-	-	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	*	*	*	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	*	*	*	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-	-	-	-
Tomatoes	*	*	*	-	-	-	-	-	-
Green peppers	*	*	*	-	-	-	-	-	-
Red papers	-	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	*	*	*	-	-	-	-	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	*	*	*	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-	-	-	-
Fruit Crops									
Avocado									
Bananas									
Guava									
Lemons									
Mangos									
Oranges									
Papayas									
Pineapples									
Stimulant Crops									
Chat									
Coffee									
Hops/'Gesho'									
Enset									
Sugar Cane									
Other Permanent									

(Table 1: cont'd.)

Dire Dawa Region, 2016/17

Crop type	NPS & UREA			INDIGENOUS SEED			IMPROVED SEED		
	Holder	Hectare	Quintal	Holder	Hectare	Quintal	Holder	Hectare	Quintal
All	-	-	-	27,599	13,010	2,871	2,345	134	*
Cereals	-	-	-	27,174	10,681	2,642	856	*	*
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	*	*	*	-	-	-
Wheat	-	-	-	*	*	*	-	-	-
Maize	-	-	-	4,603	188	77	646	*	*
Sorghum	-	-	-	27,001	10,481	2,552	410	*	*
Finger millet	-	-	-	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulse	-	-	-	11,442	620	155	626	*	*
Horse/Faba beans	-	-	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
White Haricot	-	-	-	5,434	299	85	571	*	*
Red Haricot beans	-	-	-	7,086	319	69	*	*	*
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	*	*	*	-	-	-
Vetch/Grass peas	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	*	*	*	-	-	-
Mung bean/'Masho'	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	-	-	-	3,221	199	*	-	-	-
Nueg	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	*	*	*	-	-	-
Safflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	1,588	52	3	-	-	-
Rapeseed	-	-	-	*	*	*	-	-	-
Vegetables	-	-	-	2,512	35	-	*	*	-
Lettuce	-	-	-	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	*	*	-	-	-	-
Tomatoes	-	-	-	1,309	22	-	*	*	-
Green peppers	-	-	-	1,054	4	-	-	-	-
Red papers	-	-	-	*	*	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Root Crops	-	-	-	2,759	56	-	*	*	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	-	-	-	896	*	-	-	-	-
Potatoes	-	-	-	*	*	-	-	-	-
Yam	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	1,921	35	-	*	*	-
Other Temporary	-	-	-	*	*	-	*	*	-
Fruit Crops				7,365	116				
Avocado				*	*				
Bananas				*	*				
Guava				2,577	12				
Lemons				629	1				
Mangos				2,582	*				
Oranges				*	*				
Papayas				2,778	*				
Pineapples				-	-				
Stimulant Crops	-	-	-	14,089	1,268		*	*	-
Chat				13,418	1,160				
Coffee				3,574	107		*	*	-
Hops/'Gesho'				*	*				
Enset				-	-				
Sugar Cane				-	-				
Other Permanent				4,429	31				

(Table 1: Cont'd) Dire Dawa Region, 2016/17

Crop type	PESTICIDE		IRRIGATION		EXTENSION PACKAGE	
	Holder	Hectare	Holder	Hectare	Holder	Hectare
All	*	*	6,438	1,290	1,898	414
Cereals	*	*	5,192	664	1,711	355
Teff	-	-	-	-	-	-
Barley	-	-	*	*	-	-
Wheat	-	-	-	-	-	-
Maize	*	*	1,920	*	367	*
Sorghum	*	*	4,642	576	1,486	*
Finger millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	-	-	1,599	*	531	*
Horse/Faba beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
White Haricot beans	-	-	601	9	*	*
Red Haricot beans	-	-	*	*	309	6
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/"Masho"	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oil Seeds	-	-	-	-	-	-
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	-	-	1,018	15	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	-	-	420	*	*	*
Green peppers	-	-	561	*	-	-
Red papers	-	-	*	*	-	-
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	1,446	22	*	*
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	*	*	-	-
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	1,035	*	*	*
Other Temporary	*	*	*	*	*	*
Fruit Crops	*	*	3,437	65	*	*
Avocado	-	-	-	-	-	-
Bananas	-	-	*	*	*	*
Guava	*	*	536	2	-	-
Lemons	-	-	299	*	-	-
Mangos	-	-	*	*	-	-
Oranges	-	-	*	*	-	-
Papayas	-	-	2,285	*	*	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	5,438	464	530	32
Chat	*	*	3,793	362	473	30
Coffee	-	-	3,321	101	*	*
Hops/'Gesho'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-
Other Permanent	*	*	1,565	*	*	*

Table 2. Number of Holders Applying Inputs by Educational Status, 2016/17

Ethiopia					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	10,666,711	4,527,931	2,480,313	2,732,203	1,153,608
Literate (informal)	1,797,017	897,204	520,184	567,904	293,617
Grades 1 – 3	2,287,133	1,066,331	604,406	714,583	194,243
Grades 4 – 6	2,741,666	1,337,198	721,525	847,398	281,603
Grades 7 – 8	1,177,124	550,097	308,451	366,945	96,337
Grades 9 – 11	844,208	410,427	243,169	283,795	60,624
Grade 12 complete	67,987	35,627	22,185	26,352	6,949
Above grade 12	197,343	94,120	50,477	52,840	17,563
Total	19,779,189	8,918,934	4,950,711	5,592,021	2,104,545

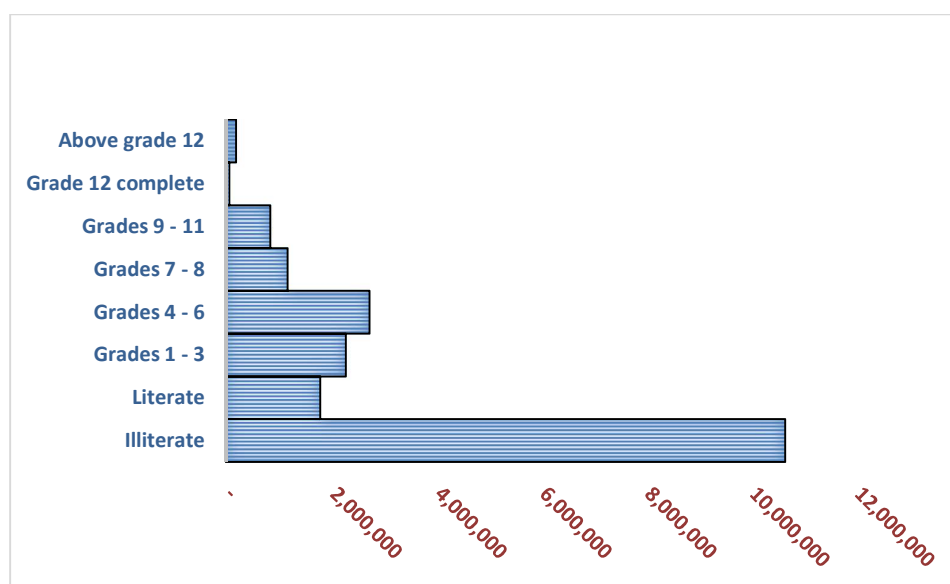


Figure 5: Number of holders by educational level at national level, Main season 2016/17

Table 2.1 Number of Holders Applying Inputs by Educational Status

Educational Status of Holders	Tigray Region				
	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	514,318	356,424	92,497	126,685	92,946
Literate (informal)	141,377	105,394	29,328	43,698	32,222
Grades 1 – 3	98,095	68,926	16,949	33,463	18,491
Grades 4 – 6	111,413	81,534	20,719	40,139	22,262
Grades 7 – 8	47,067	34,328	7,775	13,849	9,657
Grades 9 – 11	32,489	23,989	5,755	11,126	5,275
Grade 12 complete	1,395	*	*	*	-
Above grade 12	3,975	2,450	*	*	-
Total	950,128	673,504	174,026	270,600	180,853

Table 2.1.1 Number of Holders Applying Inputs by Educational Status

Educational Status of Holders	North West Tigray				
	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	114,866	86,343	8,198	42,365	14,282
Literate (informal)	26,672	20,705	*	14,874	3,414
Grades 1 – 3	24,978	18,535	4,472	9,967	6,457
Grades 4 – 6	25,584	18,971	3,313	13,242	5,285
Grades 7 – 8	13,077	10,646	2,472	3,889	3,062
Grades 9 – 11	5,780	3,833	*	2,370	*
Grade 12 complete	-	-	-	-	-
Above grade 12	-	-	-	-	-
Total	210,958	159,032	21,205	86,706	33,367

Table 2.1.2 Number of Holders Applying Inputs by Educational Status

Educational Status of Holders	Central Tigray				
	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	137,343	108,108	17,558	35,678	24,933
Literate (informal)	33,817	28,765	4,850	10,664	8,529
Grades 1 – 3	25,593	20,640	2,794	8,983	4,302
Grades 4 – 6	38,769	34,030	6,577	15,612	6,839
Grades 7 – 8	12,229	10,847	*	4,419	2,081
Grades 9 – 11	13,708	12,113	3,206	5,106	2,076
Grade 12 complete	*	*	-	*	-
Above grade 12	*	*	-	*	-
Total	263,632	216,308	36,717	81,428	48,760

Table 2.1.3 Number of Holders Applying Inputs by Educational Status

Educational Status of Holders	East Tigray				
	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	84,468	71,009	32,445	13,509	21,459
Literate (informal)	26,456	24,700	11,068	4,968	6,427
Grades 1 – 3	15,513	14,549	6,501	2,314	4,257
Grades 4 – 6	18,123	16,368	6,487	2,392	5,435
Grades 7 – 8	5,554	5,245	1,797	*	2,465
Grades 9 – 11	2,668	2,668	1,085	*	*
Grade 12 complete	-	-	-	-	-
Above grade 12	*	*	*	-	-
Total	153,710	135,465	60,056	24,410	40,285

Table 2.1.4 Number of Holders Applying Inputs by Educational Status

Educational Status of Holders	South Tigray				
	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	127,192	78,842	30,831	15,100	25,433
Literate (informal)	36,978	26,092	9,865	4,948	11,471
Grades 1 – 3	17,850	10,937	2,477	3,031	2,241
Grades 4 – 6	13,629	7,231	3,131	1,867	2,806
Grades 7 – 8	8,097	4,680	*	*	*
Grades 9 – 11	6,218	3,987	*	*	1,998
Grade 12 complete	-	-	-	-	-
Above grade 12	*	-	-	-	-
Total	210,736	131,770	47,958	26,580	45,419

Table 2.1.5 Number of Holders Applying Inputs by Educational Status

Western Tigray					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	50,449	12,123	3,464	20,033	6,838
Literate (informal)	17,454	5,132	1,357	8,244	2,381
Grades 1 – 3	14,160	4,265	*	9,169	1,234
Grades 4 – 6	15,307	4,935	1,211	7,027	1,898
Grades 7 – 8	8,110	2,911	756	4,447	*
Grades 9 – 11	4,114	1,387	*	1,880	*
Grade 12 complete	*	*	*	*	-
Above grade 12	*	*	*	*	-
Total	111,093	30,929	8,090	51,475	13,022

Table 2.2 Number of Holders Applying Inputs by Educational Status Afar Region

Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	163,127	*	*	1,193	132,327
Literate (informal)	34,279	*	*	*	30,876
Grades 1 – 3	*	*	*	*	*
Grades 4 – 6	*	*	*	194	*
Grades 7 – 8	*	-	-	*	*
Grades 9 – 11	*	*	*	*	*
Grade 12 complete	-	-	-	-	-
Above grade 12	*	-	*	*	*
Total	221,217	*	79,108	3,737	184,953

Table 2.2.1 Number of Holders Applying Inputs by Educational Status

Zone 1					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	160,446	*	*	-	131,432
Literate (informal)	33,447	-	*	*	30,665
Grades 1 – 3	*	-	-	-	*
Grades 4 – 6	*	-	*	-	*
Grades 7 – 8	*	-	-	-	*
Grades 9 – 11	*	-	-	-	*
Grade 12 complete	-	-	-	-	-
Above grade 12	*	-	*	-	*
Total	217,086	*	78,584	*	183,443

Table 2.2.2 Number of Holders Applying Inputs by Educational Status

Zone 3					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	2,681	*	*	1,193	895
Literate (informal)	*	*	*	*	*
Grades 1 – 3	*	*	*	*	*
Grades 4 – 6	194	*	-	194	*
Grades 7 – 8	*	-	-	*	*
Grades 9 – 11	*	*	*	*	*
Grade 12 complete	-	-	-	-	-
Above grade 12	*	-	-	*	*
Total	4,131	1,170	*	2,219	1,509

Table 2.3 Number of Holders Applying Inputs by Educational Status

Amhara Region					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	2,918,070	1,408,662	792,620	727,182	464,148
Literate (informal)	846,434	477,210	301,570	245,421	163,088
Grades 1 – 3	257,390	142,465	84,121	82,476	41,657
Grades 4 – 6	413,822	211,284	133,223	130,548	76,160
Grades 7 – 8	163,920	78,089	47,273	42,273	19,929
Grades 9 – 11	99,241	40,656	30,644	23,933	11,602
Grade 12 complete	9,281	*	*	*	*
Above grade 12	13,630	5,293	*	*	*
Total	4,721,789	2,367,815	1,395,201	1,259,537	780,365

Table 2.3.1 Number of Holders Applying Inputs by Educational Status

North Gondar					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	500,615	266,770	86,132	93,212	52,831
Literate (informal)	118,462	74,171	29,009	28,033	11,741
Grades 1 – 3	46,108	26,223	8,410	6,987	*
Grades 4 – 6	54,418	30,365	12,554	10,593	8,106
Grades 7 – 8	16,755	4,722	*	*	*
Grades 9 – 11	10,162	5,175	*	*	*
Grade 12 complete	-	-	-	-	-
Above grade 12	*	-	-	-	-
Total	747,445	407,428	143,569	144,535	79,351

Table 2.3.2 Number of Holders Applying Inputs by Educational Status

South Gondar					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	330,515	237,708	43,892	60,948	39,288
Literate (informal)	104,742	85,105	23,626	17,658	17,536
Grades 1 – 3	22,699	19,749	4,498	6,550	4,193
Grades 4 – 6	35,448	29,273	9,382	12,214	6,966
Grades 7 – 8	15,081	12,498	3,174	2,640	*
Grades 9 – 11	7,839	7,839	*	*	*
Grade 12 complete	*	-	-	-	-
Above grade 12	*	*	*	-	*
Total	520,027	395,288	86,379	100,725	70,410

Table 2.3.3 Number of Holders Applying Inputs by Educational Status

North Wolo					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	257,608	76,023	43,570	18,795	47,490
Literate (informal)	65,020	32,583	15,021	4,087	11,322
Grades 1 – 3	14,952	8,061	3,036	*	4,282
Grades 4 – 6	38,231	18,108	13,008	3,173	*
Grades 7 – 8	14,813	7,059	3,730	3,600	*
Grades 9 – 11	3,313	*	*	*	*
Grade 12 complete	*	-	-	-	-
Above grade 12	*	*	*	-	*
Total	395,236	143,880	79,840	30,904	78,047

Table 2.3.4 Number of Holders Applying Inputs by Educational Status

South Wolo					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	420,470	159,931	48,125	45,002	29,244
Literate (informal)	103,402	37,529	12,115	13,966	21,201
Grades 1 – 3	38,423	18,199	7,891	*	*
Grades 4 – 6	66,010	28,909	9,860	10,017	8,304
Grades 7 – 8	28,443	13,879	5,616	*	*
Grades 9 – 11	23,856	7,176	*	*	*
Grade 12 complete	*	-	-	-	*
Above grade 12	*	-	-	-	-
Total	683,737	265,622	85,999	76,055	66,554

Table 2.3.5 Number of Holders Applying Inputs by Educational Status

North Shewa (Amahara)					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	281,491	105,741	7,455	122,476	54,326
Literate (informal)	109,018	40,644	4,664	46,584	24,568
Grades 1 – 3	37,038	20,835	3,890	23,658	8,810
Grades 4 – 6	66,705	31,415	3,911	31,557	11,235
Grades 7 – 8	29,706	12,718	*	12,937	4,339
Grades 9 – 11	10,890	3,560	*	4,640	*
Grade 12 complete	2,582	*	-	*	-
Above grade 12	*	*	-	*	-
Total	538,667	216,613	22,163	244,138	105,175

Table 2.3.6 Number of Holders Applying Inputs by Educational Status

East Gojjam					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	355,939	150,689	143,589	91,579	50,259
Literate (informal)	141,409	68,419	71,961	37,836	21,553
Grades 1 – 3	32,802	15,927	17,963	10,921	6,044
Grades 4 – 6	63,362	23,542	29,407	21,772	8,571
Grades 7 – 8	23,608	8,363	9,215	6,168	*
Grades 9 – 11	20,291	6,444	10,496	7,900	*
Grade 12 complete	*	*	*	*	-
Above grade 12	*	*	-	*	-
Total	641,987	276,010	285,230	180,073	88,960

Table 2.3.7 Number of Holders Applying Inputs by Educational Status

West Gojjam					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	399,266	263,903	314,549	205,417	125,221
Literate (informal)	131,378	97,686	112,899	71,405	33,971
Grades 1 – 3	34,207	21,291	27,699	19,014	7,604
Grades 4 – 6	52,577	30,835	41,774	30,228	14,020
Grades 7 – 8	17,837	9,319	12,533	8,870	3,949
Grades 9 – 11	12,566	*	7,881	4,090	-
Grade 12 complete	*	*	*	*	*
Above grade 12	*	-	*	*	*
Total	648,909	427,966	518,415	340,104	185,843

Table 2.3.8 Number of Holders Applying Inputs by Educational Status

Waghamera					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	82,534	21,244	10,471	*	5,089
Literate (informal)	7,724	2,401	*	795	*
Grades 1 – 3	8,273	2,455	918	-	*
Grades 4 – 6	7,877	2,383	1,195	*	718
Grades 7 – 8	3,345	1,510	724	-	834
Grades 9 – 11	917	*	*	*	-
Grade 12 complete	-	-	-	-	-
Above grade 12	*	-	-	-	-
Total	110,837	30,180	14,162	*	7,967

Table 2.3.9 Number of Holders Applying Inputs by Educational Status

Agewawi					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	178,713	110,404	90,479	57,396	43,765
Literate (informal)	46,062	34,973	30,216	19,415	12,869
Grades 1 – 3	16,042	9,012	9,815	7,945	4,849
Grades 4 – 6	22,097	15,403	11,982	8,736	5,165
Grades 7 – 8	12,720	7,102	5,625	*	*
Grades 9 – 11	8,373	4,190	4,565	*	*
Grade 12 complete	*	*	*	*	*
Above grade 12	3,251	*	*	-	-
Total	288,192	181,980	153,579	98,719	70,287

Table 2.3.10 Number of Holders Applying Inputs by Educational Status

Oromia Zone					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	103,006	15,243	*	24,113	16,087
Literate (informal)	18,555	3,419	*	5,115	7,270
Grades 1 – 3	6,609	*	-	1,913	*
Grades 4 – 6	6,885	*	*	1,515	*
Grades 7 – 8	*	*	-	*	*
Grades 9 – 11	1,035	*	-	-	*
Grade 12 complete	-	-	-	-	-
Above grade 12	-	-	-	-	-
Total	137,688	21,468	5,379	33,576	27,118

Table 2.3.11 Number of Holders Applying Inputs by Educational Status

Aregoba Special Zone					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	7,914	1,005	409	5,489	549
Literate (informal)	661	280	*	527	*
Grades 1 – 3	235	*	-	192	-
Grades 4 – 6	212	*	-	174	*
Grades 7 – 8	*	-	-	*	-
Grades 9 – 11	-	-	-	-	-
Grade 12 complete	*	-	*	-	-
Above grade 12	-	-	-	-	-
Total	9,065	1,379	486	6,398	653

Table 2.4 Number of Holders Applying Inputs by Educational Status

Oromia Region					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	4,302,776	1,766,662	1,054,990	1,455,137	381,501
Literate (informal)	578,606	248,275	124,250	246,900	56,205
Grades 1 – 3	1,164,717	539,313	323,851	481,692	87,423
Grades 4 – 6	1,240,193	628,560	376,638	529,071	111,837
Grades 7 – 8	537,638	262,008	162,254	236,862	36,779
Grades 9 – 11	392,522	217,406	127,173	198,463	34,505
Grade 12 complete	31,389	16,336	11,431	15,603	*
Above grade 12	96,859	48,517	29,805	37,823	7,914
Total	8,344,699	3,727,078	2,210,391	3,201,551	719,530

Table 2.4.1 Number of Holders Applying Inputs by Educational Status

West Welega					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	162,921	62,704	64,552	32,676	*
Literate (informal)	8,084	1,542	2,650	*	-
Grades 1 – 3	60,625	24,177	27,815	12,820	*
Grades 4 – 6	85,596	37,339	42,527	27,371	*
Grades 7 – 8	36,626	12,102	16,172	10,966	*
Grades 9 – 11	25,843	10,725	11,118	7,294	-
Grade 12 complete	3,744	*	1,772	*	-
Above grade 12	7,578	3,739	4,322	*	*
Total	391,016	153,476	170,928	95,549	7,579

Table 2.4.2 Number of Holders Applying Inputs by Educational Status

East Welega					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	145,349	59,270	67,950	64,837	*
Literate (informal)	11,242	5,451	7,189	5,195	*
Grades 1 – 3	50,164	25,479	25,360	26,331	*
Grades 4 – 6	42,834	15,566	21,348	17,773	1,323
Grades 7 – 8	16,376	7,059	9,920	9,454	*
Grades 9 – 11	11,742	4,462	6,251	4,310	-
Grade 12 complete	1,462	*	*	*	-
Above grade 12	4,570	2,511	2,123	1,636	-
Total	283,740	120,798	140,844	129,943	6,983

Table 2.4.3 Number of Holders Applying Inputs by Educational Status

Illubabor					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	182,822	59,372	67,512	36,546	*
Literate (informal)	12,822	6,355	4,478	3,906	-
Grades 1 – 3	72,079	34,242	28,493	20,464	-
Grades 4 – 6	80,703	32,825	39,623	24,659	*
Grades 7 – 8	30,350	10,079	13,312	6,600	*
Grades 9 – 11	23,078	9,175	10,039	5,593	*
Grade 12 complete	2,509	*	1,585	-	-
Above grade 12	13,550	*	5,010	*	*
Total	417,911	154,490	170,053	98,980	6,915

Table 2.4.4 Number of Holders Applying Inputs by Educational Status

Jimma					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	432,753	214,714	158,005	232,670	5,145
Literate (informal)	104,735	48,088	32,159	61,145	*
Grades 1 – 3	129,337	55,603	48,940	71,152	-
Grades 4 – 6	105,447	53,710	40,877	50,446	*
Grades 7 – 8	50,667	16,508	13,062	16,734	*
Grades 9 – 11	22,369	12,187	6,190	11,120	*
Grade 12 complete	-	-	-	-	-
Above grade 12	*	-	-	-	-
Total	848,758	400,810	299,233	443,267	8,842

Table 2.4.5 Number of Holders Applying Inputs by Educational Status

West Shewa					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	280,109	129,658	80,074	185,245	11,798
Literate (informal)	26,980	15,698	*	21,054	*
Grades 1 – 3	73,428	49,705	24,486	51,004	*
Grades 4 – 6	81,405	49,607	33,381	62,430	*
Grades 7 – 8	42,504	25,461	17,613	35,700	*
Grades 9 – 11	35,519	21,972	10,681	26,595	*
Grade 12 complete	2,574	*	*	*	-
Above grade 12	7,496	4,765	*	3,798	*
Total	550,015	298,883	174,670	387,845	21,443

Table 2.4.6 Number of Holders Applying Inputs by Educational Status

North Shewa (Oromia)					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	224,722	80,508	12,054	92,207	10,537
Literate (informal)	40,145	12,202	*	17,787	*
Grades 1 – 3	31,346	11,717	2,723	16,468	*
Grades 4 – 6	30,002	8,977	3,419	21,206	*
Grades 7 – 8	9,925	*	*	4,012	*
Grades 9 – 11	6,069	*	*	2,147	-
Grade 12 complete	*	-	-	*	-
Above grade 12	-	-	-	-	-
Total	342,572	117,169	21,811	154,189	17,107

Table 2.4.7 Number of Holders Applying Inputs by Educational Status

East Shewa					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	191,345	95,952	28,398	136,465	*
Literate (informal)	28,437	15,750	3,660	24,030	*
Grades 1 – 3	52,368	28,667	11,918	38,875	*
Grades 4 – 6	50,681	29,672	13,953	38,694	*
Grades 7 – 8	25,130	11,820	10,084	16,265	*
Grades 9 – 11	22,848	10,352	5,614	17,505	*
Grade 12 complete	*	*	*	*	-
Above grade 12	*	*	*	*	*
Total	377,162	196,460	75,398	276,133	18,505

Table 2.4.8 Number of Holders Applying Inputs by Educational Status

Arsi					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	238,616	169,911	47,800	155,837	7,792
Literate (informal)	52,963	38,212	6,720	34,645	*
Grades 1 – 3	98,304	78,006	19,408	68,006	*
Grades 4 – 6	127,806	105,680	25,460	100,371	*
Grades 7 – 8	58,320	48,064	10,784	45,253	*
Grades 9 – 11	48,883	42,964	12,692	41,967	*
Grade 12 complete	4,074	3,641	*	3,523	-
Above grade 12	12,945	9,386	*	11,125	*
Total	641,911	495,864	125,838	460,727	26,154

Table 2.4.9 Number of Holders Applying Inputs by Educational Status

West Harerge					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	493,794	132,670	89,571	44,706	114,823
Literate (informal)	100,733	28,135	20,615	*	22,728
Grades 1 – 3	117,304	44,282	28,710	17,748	24,914
Grades 4 – 6	123,374	44,925	27,648	16,488	31,490
Grades 7 – 8	39,502	14,335	11,791	*	*
Grades 9 – 11	18,695	*	5,333	*	*
Grade 12 complete	*	-	-	-	*
Above grade 12	*	-	*	-	-
Total	897,827	270,089	184,845	101,605	204,838

Table 2.4.10 Number of Holders Applying Inputs by Educational Status

East Harerge					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	894,596	366,734	232,192	66,040	194,926
Literate (informal)	72,474	35,331	21,304	*	23,649
Grades 1 – 3	135,094	51,671	32,686	*	41,762
Grades 4 – 6	188,139	90,430	46,699	12,559	56,804
Grades 7 – 8	61,985	29,650	16,538	*	13,299
Grades 9 – 11	37,888	12,526	9,324	*	*
Grade 12 complete	*	-	-	-	*
Above grade 12	11,403	*	*	-	*
Total	1,403,208	595,856	362,488	94,826	352,372

Table 2.4.11 Number of Holders Applying Inputs by Educational Status

Bale					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	130,837	47,071	5,472	71,093	6,019
Literate (informal)	43,179	9,933	*	27,604	1,619
Grades 1 – 3	70,751	23,116	3,057	46,156	*
Grades 4 – 6	60,484	36,134	5,399	38,189	*
Grades 7 – 8	24,948	16,557	3,194	19,922	*
Grades 9 – 11	18,603	11,606	3,179	12,645	*
Grade 12 complete	*	*	-	*	*
Above grade 12	3,113	2,295	-	2,803	-
Total	353,480	147,880	21,407	218,811	13,889

Table 2.4.12 Number of Holders Applying Inputs by Educational Status

Borena					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	120,099	*	*	*	*
Literate (informal)	3,896	-	-	-	-
Grades 1 – 3	29,744	-	*	*	-
Grades 4 – 6	25,978	-	*	-	-
Grades 7 – 8	10,821	-	-	-	-
Grades 9 – 11	5,421	*	*	-	-
Grade 12 complete	*	-	-	-	-
Above grade 12	*	-	-	-	*
Total	198,509	*	*	*	1,658

Table 2.4.13 Number of Holders Applying Inputs by Educational Status

South West Shewa					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	209,415	98,132	38,031	136,778	6,433
Literate (informal)	13,320	7,681	*	10,534	*
Grades 1 – 3	42,501	30,105	8,729	35,482	*
Grades 4 – 6	49,141	25,042	7,812	39,577	4,349
Grades 7 – 8	34,353	20,906	6,160	26,432	3,559
Grades 9 – 11	19,048	13,029	3,517	16,256	*
Grade 12 complete	1,977	*	*	1,977	-
Above grade 12	*	*	*	3,698	-
Total	374,718	196,511	67,985	270,734	19,863

Table 2.4.14 Number of Holders Applying Inputs by Educational Status

Guji					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	154,061	12,390	11,949	*	*
Literate (informal)	18,728	*	*	-	-
Grades 1 – 3	59,676	4,829	4,448	*	*
Grades 4 – 6	46,054	8,329	9,510	*	*
Grades 7 – 8	19,511	3,856	*	-	-
Grades 9 – 11	13,735	4,068	4,197	*	*
Grade 12 complete	*	*	*	-	-
Above grade 12	*	*	-	-	-
Total	313,309	36,238	36,427	*	*

Table 2.4.15 Number of Holders Applying Inputs by Educational Status

Kelem					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	96,223	31,174	38,378	26,115	1,531
Literate (informal)	7,504	1,613	2,881	1,150	-
Grades 1 – 3	43,383	15,629	17,040	13,546	*
Grades 4 – 6	45,374	20,479	22,182	15,702	*
Grades 7 – 8	23,055	7,442	10,418	5,651	*
Grades 9 – 11	21,219	7,333	9,308	6,289	-
Grade 12 complete	1,773	*	*	*	-
Above grade 12	5,513	1,784	*	*	-
Total	244,043	86,346	102,431	70,010	2,948

Table 2.4.16 Number of Holders Applying Inputs by Educational Status

Horoguduru					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	81,509	46,440	32,834	44,412	*
Literate (informal)	9,835	6,090	5,785	4,421	-
Grades 1 – 3	16,007	10,488	7,770	11,454	*
Grades 4 – 6	19,604	12,861	10,040	14,419	*
Grades 7 – 8	13,102	8,330	5,764	8,852	*
Grades 9 – 11	9,026	6,680	5,256	7,409	*
Grade 12 complete	1,904	1,376	1,368	1,514	*
Above grade 12	3,502	1,855	*	1,233	-
Total	154,488	94,120	69,808	93,715	1,742

Table 2.4.17 Number of Holders Applying Inputs by Educational Status

West Arsi					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	263,604	159,542	76,507	127,163	*
Literate (informal)	23,530	14,242	6,036	12,699	-
Grades 1 – 3	82,606	51,598	30,861	44,926	*
Grades 4 – 6	77,570	56,985	25,608	48,302	-
Grades 7 – 8	40,463	28,193	11,941	24,026	*
Grades 9 – 11	52,537	41,993	22,858	34,478	*
Grade 12 complete	2,991	*	*	*	-
Above grade 12	8,731	6,376	4,733	6,363	-
Total	552,032	361,191	179,613	300,221	5,554

Table 2.5 Number of Holders Applying Inputs by Educational Status

Somalie Region					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	75,114	*	*	*	5,596
Literate (informal)	26,996	*	*	*	*
Grades 1 – 3	7,250	*	*	*	*
Grades 4 – 6	4,102	*	-	-	*
Grades 7 – 8	1,275	*	*	-	*
Grades 9 – 11	*	-	*	-	*
Grade 12 complete	-	-	-	-	-
Above grade 12	*	-	-	-	-
Total	115,649	*	*	*	*

Table 2.5.1 Number of Holders Applying Inputs by Educational Status

Shinele					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	4,759	*	*	*	2,055
Literate (informal)	*	*	*	*	*
Grades 1 – 3	*	*	*	*	*
Grades 4 – 6	472	*	-	-	*
Grades 7 – 8	254	-	*	-	*
Grades 9 – 11	*	-	*	-	*
Grade 12 complete	-	-	-	-	-
Above grade 12	*	-	-	-	-
Total	6,916	*	452	*	3,896

Table 2.5.2 Number of Holders Applying Inputs by Educational Status

Jijiga					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	60,598	*	-	-	-
Literate (informal)	21,745	-	*	-	-
Grades 1 – 3	4,967	*	-	-	-
Grades 4 – 6	3,385	*	-	-	-
Grades 7 – 8	1,021	*	-	-	-
Grades 9 – 11	*	-	-	-	-
Grade 12 complete	-	-	-	-	-
Above grade 12	*	-	-	-	-
Total	92,525	*	*	-	-

Table 2.5.3 Number of Holders Applying Inputs by Educational Status

Liben					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	*	-	*	-	*
Literate (informal)	*	-	*	-	*
Grades 1 – 3	*	-	*	-	*
Grades 4 – 6	*	-	-	-	-
Grades 7 – 8	-	-	-	-	-
Grades 9 – 11	-	-	-	-	-
Grade 12 complete	-	-	-	-	-
Above grade 12	-	-	-	-	-
Total	16,209	-	*	-	*

Table 2.6 Number of Holders Applying Inputs by Educational Status

Benishangul – Gumuz Region					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	124,025	36,967	13,396	12,562	3,632
Literate (informal)	14,711	7,851	1,890	2,371	868
Grades 1 – 3	27,566	9,229	2,759	3,459	1,576
Grades 4 – 6	33,409	11,046	4,037	4,242	2,169
Grades 7 – 8	16,379	4,382	1,718	1,648	*
Grades 9 – 11	10,687	3,551	1,712	1,078	*
Grade 12 complete	*	*	-	-	-
Above grade 12	4,907	1,933	*	601	-
Total	232,221	75,092	26,037	25,961	9,001

Table 2.6.1 Number of Holders Applying Inputs by Educational Status

Metekel					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	63,975	22,588	6,877	9,212	*
Literate (informal)	7,658	5,039	*	1,819	*
Grades 1 – 3	13,410	5,423	*	2,750	*
Grades 4 – 6	15,021	6,559	2,509	3,320	*
Grades 7 – 8	7,055	2,018	*	1,246	-
Grades 9 – 11	3,487	2,007	*	1,078	*
Grade 12 complete	*	-	-	-	-
Above grade 12	2,487	1,364	*	*	-
Total	113,236	44,998	12,474	19,703	5,346

Table 2.6.2 Number of Holders Applying Inputs by Educational Status

Asosa					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	43,753	11,231	4,342	*	*
Literate (informal)	5,933	2,526	941	*	*
Grades 1 – 3	8,907	2,574	1,162	*	*
Grades 4 – 6	13,046	3,606	1,055	611	*
Grades 7 – 8	5,980	1,734	618	*	*
Grades 9 – 11	4,979	1,218	889	-	*
Grade 12 complete	*	*	-	-	-
Above grade 12	1,699	*	*	*	-
Total	84,661	23,344	9,168	5,209	3,284

Table 2.6.3 Number of Holders Applying Inputs by Educational Status

Kemashi					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	7,985	1,626	982	*	-
Literate (informal)	861	*	*	*	*
Grades 1 – 3	2,654	737	452	*	-
Grades 4 – 6	3,473	655	247	*	*
Grades 7 – 8	2,297	478	290	-	-
Grades 9 – 11	1,673	*	*	-	-
Grade 12 complete	-	-	-	-	-
Above grade 12	598	*	*	-	-
Total	19,540	4,230	2,327	*	*

Table 2.6.4 Number of Holders Applying Inputs by Educational Status

Mao Komo					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	8,312	1,521	1,195	*	*
Literate (informal)	*	*	-	-	-
Grades 1 – 3	2,596	495	402	*	-
Grades 4 – 6	1,869	226	226	*	*
Grades 7 – 8	1,047	152	152	-	*
Grades 9 – 11	547	*	*	-	-
Grade 12 complete	*	-	-	-	-
Above grade 12	122	*	*	-	-
Total	14,784	2,519	2,068	*	248

Table 2.7 Number of Holders Applying Inputs by Educational Status

S.N.N.P. Region					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	2,495,886	935,007	458,048	403,885	62,543
Literate (informal)	149,658	57,284	48,139	26,739	4,919
Grades 1 – 3	715,196	302,678	174,775	111,839	37,143
Grades 4 – 6	908,669	401,091	181,195	141,325	54,254
Grades 7 – 8	396,898	170,148	88,318	71,272	23,800
Grades 9 – 11	300,938	124,528	77,349	48,524	*
Grade 12 complete	24,594	14,544	6,920	4,734	*
Above grade 12	71,376	35,329	16,531	10,228	*
Total	5,063,215	2,040,608	1,051,276	818,547	198,670

Table 2.7.1 Number of Holders Applying Inputs by Educational Status

Gurage					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	159,979	80,023	39,505	32,667	*
Literate (informal)	18,898	13,249	7,203	6,335	*
Grades 1 – 3	30,819	21,207	14,874	12,558	3,074
Grades 4 – 6	39,442	27,643	22,143	13,318	*
Grades 7 – 8	19,143	11,190	9,448	*	*
Grades 9 – 11	9,340	6,452	4,605	3,099	-
Grade 12 complete	2,764	*	*	*	-
Above grade 12	3,044	2,074	*	*	-
Total	283,429	163,760	99,242	76,590	*

Table 2.7.2 Number of Holders Applying Inputs by Educational Status

Hadiya					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	133,877	96,382	44,032	82,826	2,022
Literate (informal)	2,843	2,408	*	*	-
Grades 1 – 3	38,281	31,028	14,441	25,457	-
Grades 4 – 6	62,563	49,833	21,583	45,695	*
Grades 7 – 8	30,189	21,173	8,477	24,534	*
Grades 9 – 11	26,111	20,493	7,246	21,454	-
Grade 12 complete	*	*	*	*	-
Above grade 12	6,588	5,264	1,708	4,836	-
Total	301,425	227,094	99,346	207,675	2,931

Table 2.7.3 Number of Holders Applying Inputs by Educational Status

Kembata - Tembaro					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	61,016	35,724	19,094	40,299	*
Literate (informal)	*	1,479	1,278	1,096	-
Grades 1 – 3	14,747	10,625	6,508	11,876	-
Grades 4 – 6	30,707	22,924	12,390	20,923	*
Grades 7 – 8	15,301	10,746	7,340	11,199	-
Grades 9 – 11	10,440	7,553	3,870	7,154	-
Grade 12 complete	3,149	2,161	1,872	2,321	-
Above grade 12	3,238	2,073	1,495	1,898	-
Total	140,838	93,283	53,847	96,767	*

Table 2.7.4 Number of Holders Applying Inputs by Educational Status

Sidama					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	688,131	225,532	73,919	*	20,323
Literate (informal)	49,521	*	*	-	-
Grades 1 – 3	268,022	97,255	49,252	*	*
Grades 4 – 6	374,167	148,020	50,277	*	*
Grades 7 – 8	149,920	55,455	21,960	6,981	*
Grades 9 – 11	115,853	39,749	32,593	*	*
Grade 12 complete	8,932	*	-	-	*
Above grade 12	17,768	*	*	-	*
Total	1,672,313	584,923	242,063	*	*

Table 2.7.5 Number of Holders Applying Inputs by Educational Status

Gedio					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	134,565	7,696	7,349	*	*
Literate (informal)	10,467	*	*	*	-
Grades 1 – 3	57,804	*	8,541	*	-
Grades 4 – 6	65,450	7,421	5,967	*	*
Grades 7 – 8	25,223	*	*	*	*
Grades 9 – 11	21,817	*	*	*	-
Grade 12 complete	-	-	-	-	-
Above grade 12	7,718	*	*	-	-
Total	323,042	20,516	33,541	*	3,826

Table 2.7.6 Number of Holders Applying Inputs by Educational Status

Wolayita					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	234,041	163,350	22,951	7,981	-
Literate (informal)	12,623	6,928	*	-	-
Grades 1 – 3	71,898	49,895	10,777	*	*
Grades 4 – 6	79,480	57,874	12,464	5,669	*
Grades 7 – 8	50,152	37,076	7,406	-	*
Grades 9 – 11	36,917	24,541	7,229	*	*
Grade 12 complete	5,538	5,538	*	-	-
Above grade 12	13,743	13,743	*	-	-
Total	504,393	358,944	71,619	16,033	*

Table 2.7.7 Number of Holders Applying Inputs by Educational Status

South Omo					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	93,267	16,819	14,735	-	*
Literate (informal)	5,446	*	1,403	*	*
Grades 1 – 3	19,349	7,771	7,124	-	2,187
Grades 4 – 6	19,639	6,021	7,636	-	*
Grades 7 – 8	7,253	*	*	-	-
Grades 9 – 11	5,946	*	*	-	-
Grade 12 complete	*	-	-	-	-
Above grade 12	*	-	*	-	-
Total	152,573	32,855	33,161	*	*

Table 2.7.8 Number of Holders Applying Inputs by Educational Status

Sheka					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	36,979	3,081	*	6,901	*
Literate (informal)	4,516	-	-	839	-
Grades 1 – 3	14,762	741	*	4,862	-
Grades 4 – 6	20,319	1,928	*	5,224	*
Grades 7 – 8	9,682	*	910	1,445	-
Grades 9 – 11	5,646	*	*	*	-
Grade 12 complete	*	-	-	-	-
Above grade 12	*	-	-	-	-
Total	92,866	7,124	4,310	19,593	*

Table 2.7.9 Number of Holders Applying Inputs by Educational Status

Keffa					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	218,135	44,831	28,697	81,837	*
Literate (informal)	*	*	*	-	-
Grades 1 – 3	46,460	10,480	7,668	16,606	*
Grades 4 – 6	53,400	12,349	5,979	20,499	*
Grades 7 – 8	28,572	4,546	4,066	11,339	-
Grades 9 – 11	11,301	*	*	2,995	-
Grade 12 complete	*	*	-	-	-
Above grade 12	2,554	*	*	*	-
Total	364,763	76,944	49,057	134,174	*

Table 2.7.10 Number of Holders Applying Inputs by Educational Status

Gamo Gofa					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	307,270	72,530	52,959	*	17,750
Literate (informal)	5,771	*	*	-	*
Grades 1 – 3	57,305	19,141	13,953	*	*
Grades 4 – 6	60,549	18,957	12,366	-	7,430
Grades 7 – 8	22,567	7,312	9,227	-	*
Grades 9 – 11	23,098	6,851	8,102	-	*
Grade 12 complete	-	-	-	-	-
Above grade 12	*	*	*	-	*
Total	482,783	128,315	100,099	*	37,747

Table 2.7.11 Number of Holders Applying Inputs by Educational Status

Bench - Maji					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	98,624	26,793	15,867	*	*
Literate (informal)	*	*	*	*	*
Grades 1 – 3	19,604	5,612	2,666	*	*
Grades 4 – 6	26,348	7,350	4,566	*	*
Grades 7 – 8	9,138	2,268	1,559	*	-
Grades 9 – 11	6,379	1,051	1,066	*	-
Grade 12 complete	*	-	-	-	-
Above grade 12	1,849	*	*	*	-
Total	165,513	45,362	26,419	*	1,875

Table 2.7.12 Number of Holders Applying Inputs by Educational Status

Yem Special Wereda					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	13,882	7,604	4,700	9,342	380
Literate (informal)	663	382	*	528	-
Grades 1 – 3	4,485	2,044	1,435	2,952	-
Grades 4 – 6	4,979	3,234	1,751	3,240	*
Grades 7 – 8	2,622	1,525	952	2,009	*
Grades 9 – 11	1,327	858	386	812	-
Grade 12 complete	*	*	-	-	-
Above grade 12	*	*	-	-	-
Total	28,216	15,776	9,540	18,882	654

Table 2.7.13 Number of Holders Applying Inputs by Educational Status

Segen Peoples					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	47,506	8,061	*	*	4,706
Literate (informal)	2,677	*	-	-	*
Grades 1 – 3	8,972	2,933	*	*	1,491
Grades 4 – 6	12,284	3,565	*	*	3,698
Grades 7 – 8	5,119	2,255	*	*	*
Grades 9 – 11	2,758	773	*	*	*
Grade 12 complete	*	*	-	-	*
Above grade 12	*	-	-	*	*
Total	80,521	18,018	*	*	12,377

Table 2.7.14 Number of Holders Applying Inputs by Educational Status

Dawro					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	72,086	28,197	4,408	*	-
Literate (informal)	5,939	3,830	1,342	*	-
Grades 1 – 3	16,840	8,783	1,643	*	*
Grades 4 – 6	23,190	10,704	2,145	*	*
Grades 7 – 8	9,709	5,037	1,820	*	-
Grades 9 – 11	12,223	6,225	*	1,044	-
Grade 12 complete	*	-	-	-	-
Above grade 12	3,377	1,755	*	*	-
Total	143,677	64,531	13,079	7,610	*

Table 2.7.15 Number of Holders Applying Inputs by Educational Status

Basketo Special Wereda					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	8,718	2,173	3,062	-	*
Literate (informal)	361	*	*	-	-
Grades 1 – 3	1,791	611	881	-	*
Grades 4 – 6	2,013	596	1,062	*	*
Grades 7 – 8	817	*	327	-	-
Grades 9 – 11	1,247	336	521	-	*
Grade 12 complete	*	-	-	-	-
Above grade 12	*	-	-	-	-
Total	15,105	3,968	5,999	*	744

Table 2.7.16 Number of Holders Applying Inputs by Educational Status

Konta Special Wereda					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	29,864	9,932	*	3,752	*
Literate (informal)	2,244	789	*	*	*
Grades 1 – 3	6,116	2,576	*	*	*
Grades 4 – 6	7,996	2,660	*	538	-
Grades 7 – 8	3,126	1,201	-	-	-
Grades 9 – 11	2,095	*	*	*	-
Grade 12 complete	*	-	-	-	-
Above grade 12	*	-	-	-	-
Total	51,973	17,579	2,684	5,199	*

Table 2.7.17 Number of Holders Applying Inputs by Educational Status

Educational Status of Holders	Silitie				
	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	111,859	65,642	87,070	68,154	2,045
Literate (informal)	17,701	11,597	14,402	13,490	*
Grades 1 – 3	31,806	23,339	28,348	20,731	*
Grades 4 – 6	19,351	13,519	13,003	9,477	*
Grades 7 – 8	6,387	4,570	5,163	*	*
Grades 9 – 11	7,141	*	4,279	4,256	-
Grade 12 complete	*	-	*	*	-
Above grade 12	1,588	*	*	*	*
Total	196,160	124,484	153,335	119,965	*

Table 2.7.18 Number of Holders Applying Inputs by Educational Status

Educational Status of Holders	Alaba Special Wereda				
	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	46,088	40,637	36,583	18,894	*
Literate (informal)	699	*	699	*	-
Grades 1 – 3	6,136	5,819	5,669	3,321	-
Grades 4 – 6	6,792	6,493	5,043	3,585	-
Grades 7 – 8	1,980	1,821	1,830	1,487	-
Grades 9 – 11	1,299	1,299	1,299	960	-
Grade 12 complete	*	*	*	*	-
Above grade 12	*	*	*	*	-
Total	63,625	57,132	51,754	29,300	*

Table 2.8 Number of Holders Applying Inputs by Educational Status

Educational Status of Holders	Gambella Region				
	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	31,585	-	*	1,815	450
Literate (informal)	3,040	-	-	*	*
Grades 1 – 3	6,153	*	*	1,000	*
Grades 4 – 6	9,842	-	*	887	*
Grades 7 – 8	7,015	*	*	441	*
Grades 9 – 11	5,338	-	*	*	*
Grade 12 complete	791	-	-	*	-
Above grade 12	3,446	*	*	634	*
Total	67,210	*	*	5,572	1,118

Table 2.8.1 Number of Holders Applying Inputs by Educational Status

Educational Status of Holders	Agnuwak				
	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	12,421	-	*	*	*
Literate (informal)	*	-	-	-	*
Grades 1 – 3	2,517	*	*	*	*
Grades 4 – 6	4,775	-	*	*	*
Grades 7 – 8	3,299	*	*	*	*
Grades 9 – 11	1,643	-	*	*	*
Grade 12 complete	*	-	-	-	-
Above grade 12	945	*	-	*	*
Total	26,422	*	*	*	*

Table 2.8.2 Number of Holders Applying Inputs by Educational Status

Educational Status of Holders	Nuware				
	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	7,434	-	-	*	-
Literate (informal)	*	-	-	-	-
Grades 1 – 3	199	-	-	*	-
Grades 4 – 6	376	-	-	*	-
Grades 7 – 8	1,001	-	-	*	-
Grades 9 – 11	1,422	-	-	*	-
Grade 12 complete	273	-	-	*	-
Above grade 12	1,214	-	*	*	-
Total	11,980	-	*	*	-

Table 2.8.3 Number of Holders Applying Inputs by Educational Status

Mezhenger					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	10,254	-	-	1,041	*
Literate (informal)	2,239	-	-	*	*
Grades 1 – 3	3,342	-	-	838	*
Grades 4 – 6	4,419	-	-	604	-
Grades 7 – 8	2,504	-	-	*	-
Grades 9 – 11	1,658	-	-	*	*
Grade 12 complete	267	-	-	-	-
Above grade 12	677	-	-	*	*
Total	25,360	-	-	3,091	*

Table 2.8.4 Number of Holders Applying Inputs by Educational Status

Itang Special					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	1,475	-	-	199	-
Literate (informal)	81	-	-	-	-
Grades 1 – 3	96	-	-	-	-
Grades 4 – 6	272	-	-	114	-
Grades 7 – 8	210	-	-	57	-
Grades 9 – 11	615	-	18	57	-
Grade 12 complete	89	-	-	-	-
Above grade 12	610	-	-	256	-
Total	3,448	-	18	683	-

Table 2.9 Number of Holders Applying Inputs by Educational Status

Harari Region					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	21,132	8,162	1,974	3,016	6,283
Literate (informal)	1,122	529	332	*	665
Grades 1 – 3	3,918	2,125	981	439	1,696
Grades 4 – 6	5,489	2,874	702	870	2,098
Grades 7 – 8	1,658	778	*	*	636
Grades 9 – 11	656	*	*	-	*
Grade 12 complete	-	-	-	-	-
Above grade 12	1,172	561	*	*	309
Total	35,146	15,207	4,752	4,714	11,894

Table 2.10 Number of Holders Applying Inputs by Educational Status

Dire Dawa					
Educational Status of Holders	Holders	Fertilizer	Improved seed	Pesticide	Irrigation
Illiterate	20,678	1,079	1,748	*	4,181
Literate (informal)	795	*	*	*	*
Grades 1 – 3	2,467	*	*	*	680
Grades 4 – 6	2,382	*	245	*	473
Grades 7 – 8	963	*	*	*	*
Grades 9 – 11	576	*	*	*	*
Grade 12 complete	-	-	-	-	-
Above grade 12	*	-	-	*	*
Total	27,914	1,617	2,345	*	6,438

Table 3: Number of Holders, Damaged Crop Area in Hectare by Category of Crops and Cause of Damage, 2016/17

Cause of damage	Ethiopia							
	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	13,423,137	2,091,364	914,277	216,589	96,556	55,939	36,183	212,326
Crop disease	5,731,279	369,679	145,452	36,572	12,758	10,455	7,491	61,062
Frost or floods	1,034,934	92,262	39,178	10,944	4,131	1,558	1,813	3,868
Locust	22,569	*	982	*	*	*	*	*
Shortage of rain	4,231,406	760,782	348,029	68,388	18,445	13,949	11,167	80,425
Too much rain	1,910,153	203,543	94,092	25,250	12,100	8,563	3,325	5,404
Wild animals	908,443	40,441	13,569	3,464	2,998	1,575	589	6,023
Birds	245,927	7,182	3,025	605	320	*	178	449
Hailstone	928,998	97,063	41,539	11,842	4,350	3,684	2,696	9,519
Pests	2,792,325	169,566	79,378	23,712	9,788	5,317	2,691	12,992
Weeds	1,237,932	108,649	49,105	11,477	14,696	3,363	1,669	6,997
Others	3,180,284	238,517	99,928	23,052	16,903	7,194	4,564	25,415

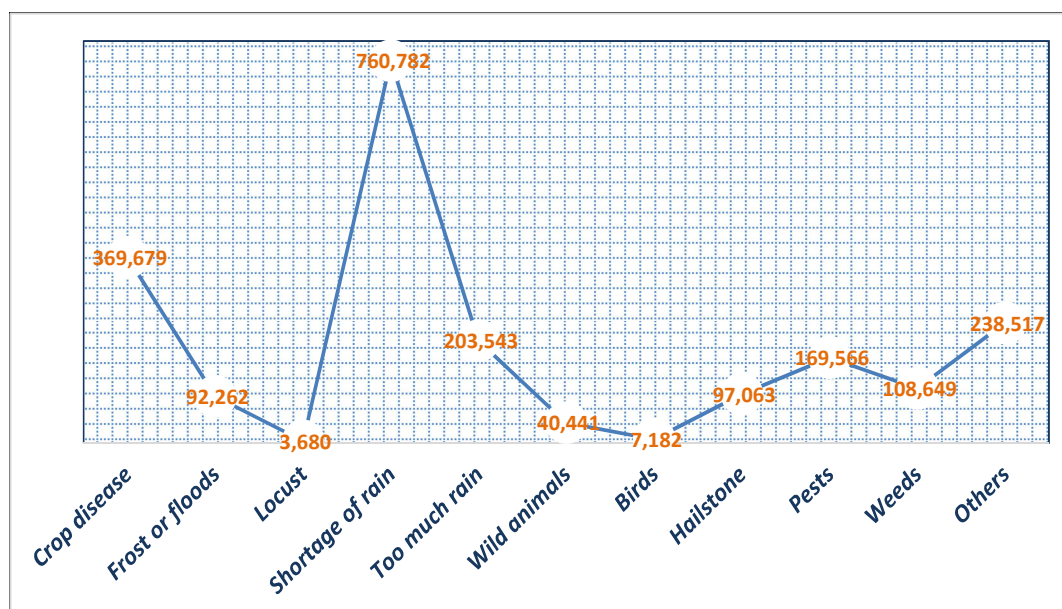


Figure 6: Crop damaged area by causes of damage in hectare, at country level main season 2016/17

Table 3.1 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Tigray Region

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	634,186	127,973	73,754	7,798	13,635	5,467	688	5,110
Crop disease	172,482	16,691	9,977	652	949	1,473	162	587
Frost or floods	55,184	4,820	2,962	192	253	*	*	*
Locust	*	*	*	*	-	-	-	-
Shortage of rain	166,196	26,735	16,869	1,711	1,546	*	*	*
Too much rain	153,324	22,723	12,476	2,529	2,427	964	131	386
Wild animals	34,281	1,665	686	*	355	*	*	*
Birds	9,755	257	180	*	*	*	*	*
Hailstone	91,873	13,583	8,737	629	404	710	-	358
Pests	125,302	10,232	5,347	620	1,977	504	138	274
Weeds	80,730	12,336	5,621	370	3,922	553	*	*
Others	207,759	18,863	10,875	963	1,799	529	122	901

Table 3.1.1 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

North West Tigray

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	142,648	28,371	15,265	1,832	2,464	1,531	271	1,050
Crop disease	39,857	4,121	*	*	*	*	*	*
Frost or floods	12,907	1,904	895	*	*	*	-	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	21,978	1,915	903	*	*	*	*	*
Too much rain	29,982	4,051	1,888	*	*	*	*	*
Wild animals	9,807	607	232	*	*	*	-	-
Birds	*	*	*	-	*	-	*	-
Hailstone	37,637	5,358	3,331	*	*	*	-	*
Pests	32,861	2,826	1,765	*	216	*	*	*
Weeds	25,145	2,898	1,559	*	501	*	*	*
Others	49,386	4,591	2,370	*	634	*	*	*

Table 3.1.2 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Central Tigray

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	171,844	27,983	18,621	2,482	487	1,436	*	1,211
Crop disease	49,152	4,245	2,565	110	*	*	-	*
Frost or floods	15,538	1,229	968	*	*	-	-	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	36,917	2,910	2,111	167	*	*	*	*
Too much rain	46,551	6,667	4,340	*	*	58	*	*
Wild animals	4,196	68	*	*	-	-	-	-
Birds	2,487	*	*	-	-	-	-	-
Hailstone	32,938	*	*	*	*	*	-	*
Pests	42,883	2,108	1,309	294	*	*	*	*
Weeds	12,508	1,454	941	*	*	*	-	*
Others	60,828	4,209	2,669	393	*	171	-	217

Table 3.1.3 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

East Tigray

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	117,190	17,695	8,972	*	*	*	149	*
Crop disease	31,268	2,210	1,166	216	*	*	*	*
Frost or floods	12,048	429	230	*	*	*	-	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	50,780	5,380	2,605	*	*	*	*	*
Too much rain	27,179	2,126	956	*	*	*	*	-
Wild animals	8,644	300	201	*	-	*	*	*
Birds	4,261	39	19	*	-	-	*	*
Hailstone	17,111	*	*	*	-	-	-	*
Pests	14,209	307	145	*	-	-	*	*
Weeds	9,049	598	*	*	*	-	-	-
Others	38,709	*	1,980	132	*	-	*	*

Table 3.1.4 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of damage

South Tigray

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	130,544	30,546	21,806	1,408	1,527	*	*	*
Crop disease	39,595	4,251	3,310	266	*	*	*	38
Frost or floods	11,873	1,015	672	*	*	-	-	*
Locust	*	*	*	*	-	-	-	-
Shortage of rain	52,345	15,626	10,785	500	*	*	*	*
Too much rain	29,410	4,023	2,770	*	*	*	*	*
Wild animals	*	*	*	-	-	-	-	-
Birds	*	*	*	*	-	-	-	-
Hailstone	2,477	137	137	-	-	-	-	-
Pests	20,765	2,002	1,355	*	*	*	*	*
Weeds	4,306	*	*	*	*	-	-	-
Others	31,585	2,688	2,186	*	*	-	*	*

Table 3.1.5 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Western Tigray

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	71,960	23,378	9,090	*	8,665	1,617	*	*
Crop disease	12,610	1,864	707	-	395	*	-	*
Frost or floods	2,819	*	*	-	24	*	*	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	4,177	904	*	-	*	*	*	-
Too much rain	20,201	5,855	2,521	*	1,968	*	*	*
Wild animals	10,214	629	144	*	242	*	*	*
Birds	*	*	-	-	-	*	-	-
Hailstone	1,711	536	*	-	*	-	-	*
Pests	14,584	2,989	774	*	1,620	*	*	*
Weeds	29,722	6,759	2,327	*	3,153	396	*	*
Others	27,251	3,595	1,670	*	876	179	*	*

Table 3.2 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Afar Region

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	*	2,260	*	*	*	*	-	*
Crop disease	*	*	-	-	-	-	-	-
Frost or floods	*	*	*	*	-	-	-	*
Locust	*	*	-	-	-	-	-	-
Shortage of rain	2,582	*	*	*	*	*	-	*
Too much rain	-	-	-	-	-	-	-	-
Wild animals	*	169	*	-	-	*	-	-
Birds	*	*	-	-	-	-	-	-
Hailstone	-	-	-	-	-	-	-	-
Pests	3,474	*	*	*	*	*	-	*
Weeds	*	*	*	-	-	*	-	-
Others	*	*	*	-	-	-	-	*

Table 3.2.1 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Zone 1

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	*	361	*	-	-	*	-	-
Crop disease	*	*	-	-	-	-	-	-
Frost or floods	-	-	-	-	-	-	-	-
Locust	-	-	-	-	-	-	-	-
Shortage of rain	-	-	-	-	-	-	-	-
Too much rain	-	-	-	-	-	-	-	-
Wild animals	*	166	*	-	-	*	-	-
Birds	*	*	-	-	-	-	-	-
Hailstone	-	-	-	-	-	-	-	-
Pests	*	*	*	-	-	*	-	-
Weeds	*	*	*	-	-	-	-	-
Others	*	*	*	-	-	-	-	-

Table 3.2.2 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Zone 3

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	3,449	1,899	*	*	*	*	-	*
Crop disease	*	*	-	-	-	-	-	-
Frost or floods	*	*	*	*	-	-	-	*
Locust	*	*	-	-	-	-	-	-
Shortage of rain	2,582	*	*	*	*	*	-	*
Too much rain	-	-	-	-	-	-	-	-
Wild animals	*	*	*	-	-	-	-	-
Birds	-	-	-	-	-	-	-	-
Hailstone	-	-	-	-	-	-	-	-
Pests	*	*	*	*	*	-	-	*
Weeds	*	*	*	-	-	*	-	-
Others	*	*	-	-	-	-	-	*

Table 3.3 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Amhara Region

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	3,653,091	639,156	307,158	93,210	47,406	21,511	12,698	18,042
Crop disease	1,532,937	119,746	52,820	18,783	6,360	3,640	2,666	4,263
Frost or floods	467,383	46,852	18,371	5,905	2,223	*	*	932
Locust	6,128	*	*	*	-	*	-	*
Shortage of rain	710,390	101,464	61,757	15,769	5,930	*	*	2,842
Too much rain	896,518	96,290	43,855	12,641	7,317	5,936	2,230	1,640
Wild animals	193,243	9,320	4,743	1,224	*	*	170	274
Birds	89,507	2,352	1,203	327	*	*	*	*
Hailstone	449,214	51,033	22,461	6,861	3,104	*	1,576	1,990
Pests	1,152,323	79,577	40,079	13,106	5,026	2,655	1,466	2,736
Weeds	402,914	44,553	22,755	5,491	7,850	1,457	*	634
Others	1,083,485	87,211	39,016	12,908	8,785	3,590	1,801	2,618

Table 3.3.1 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
North Gondar

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	596,576	146,538	71,273	13,651	22,944	11,217	2,907	642
Crop disease	206,202	23,231	11,606	1,982	1,318	*	*	*
Frost or floods	54,863	7,781	2,919	*	*	*	*	-
Locust	-	-	-	-	-	-	-	-
Shortage of rain	87,967	*	*	*	*	*	*	*
Too much rain	220,503	34,213	16,814	2,653	*	*	*	*
Wild animals	41,856	2,404	830	*	*	*	*	-
Birds	9,675	*	*	*	*	-	-	-
Hailstone	91,842	8,170	*	*	*	*	*	*
Pests	87,302	8,040	3,689	574	*	*	*	*
Weeds	128,642	25,119	13,805	880	6,572	1,084	*	*
Others	200,101	23,636	10,187	2,462	3,685	2,474	523	*

Table 3.3.2 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
South Gondar

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	458,625	83,050	40,733	18,622	7,330	1,427	2,545	1,481
Crop disease	182,235	8,137	3,242	2,488	*	*	*	*
Frost or floods	52,786	*	2,823	*	*	*	*	-
Locust	-	-	-	-	-	-	-	-
Shortage of rain	143,742	13,375	6,867	3,231	1,316	*	*	*
Too much rain	115,550	10,148	5,275	2,241	513	-	*	*
Wild animals	11,463	448	237	*	*	-	*	*
Birds	12,133	285	137	*	-	-	*	-
Hailstone	96,644	14,195	7,376	2,760	*	*	*	*
Pests	177,997	7,655	3,790	1,840	798	*	104	*
Weeds	74,114	7,276	3,758	2,039	*	*	*	-
Others	181,355	15,343	7,228	2,706	2,186	*	547	*

Table 3.3.3 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

North Wolo

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	293,549	46,075	28,528	4,098	2,763	*	*	1,247
Crop disease	128,975	11,259	5,926	1,090	*	*	*	338
Frost or floods	65,488	4,725	2,128	397	*	*	*	*
Locust	*	*	*	-	-	-	-	-
Shortage of rain	102,510	*	*	831	210	*	*	*
Too much rain	49,467	3,632	*	242	*	*	*	*
Wild animals	18,919	*	412	*	*	-	*	-
Birds	18,455	786	490	*	-	*	*	*
Hailstone	11,203	*	*	*	*	*	*	*
Pests	88,647	7,093	5,441	*	*	*	*	*
Weeds	16,021	*	*	*	*	*	-	-
Others	56,656	4,000	2,690	181	*	*	*	*

Table 3.3.4 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

South Wolo

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	505,070	57,960	20,009	10,395	1,384	*	*	4,449
Crop disease	201,917	11,794	4,891	3,004	*	*	*	592
Frost or floods	113,486	9,048	2,578	1,075	*	-	*	537
Locust	-	-	-	-	-	-	-	-
Shortage of rain	133,377	7,382	1,875	660	*	*	*	*
Too much rain	130,215	9,468	2,899	2,104	*	*	*	*
Wild animals	25,895	1,156	*	*	*	*	-	*
Birds	11,363	115	*	*	-	-	-	*
Hailstone	45,616	3,845	1,435	*	*	-	*	*
Pests	171,841	9,243	3,615	1,908	*	*	*	*
Weeds	29,209	1,296	*	*	*	*	*	*
Others	101,717	4,615	1,604	833	*	*	-	*

Table 3.3.4 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damag

North Shewa

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	460,552	117,762	52,933	15,502	*	2,099	4,315	3,527
Crop disease	244,725	34,502	12,780	4,331	*	*	*	*
Frost or floods	89,591	11,464	3,785	985	*	*	*	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	79,227	*	*	*	*	*	*	*
Too much rain	96,802	14,950	4,075	2,285	-	*	*	*
Wild animals	25,907	1,604	*	*	*	*	*	*
Birds	12,860	247	*	*	-	-	*	*
Hailstone	31,749	1,722	*	*	*	-	*	*
Pests	146,488	10,047	5,022	1,315	*	*	694	408
Weeds	52,542	3,048	1,451	516	-	-	*	*
Others	117,829	8,115	2,408	909	*	*	*	*

Table 3.3.6 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

East Gojjam

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	444,008	66,411	36,268	13,853	2,147	*	1,175	*
Crop disease	195,793	10,225	4,497	2,527	*	*	*	*
Frost or floods	36,149	3,017	*	*	*	-	*	-
Locust	*	*	-	*	-	*	-	*
Shortage of rain	60,657	*	*	*	*	*	*	*
Too much rain	133,797	11,294	6,856	1,495	*	*	*	*
Wild animals	29,620	1,146	668	115	*	*	*	*
Birds	11,017	104	64	*	*	-	-	*
Hailstone	45,946	*	*	*	*	*	*	*
Pests	174,563	17,657	10,436	*	*	*	*	*
Weeds	32,588	1,799	548	667	*	*	*	*
Others	151,504	8,407	4,758	1,505	462	*	*	*

Table 3.3.7 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
West Gojjam

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	510,199	57,472	23,326	10,747	2,029	2,582	795	2,666
Crop disease	257,279	13,098	6,227	2,379	411	431	*	774
Frost or floods	19,480	1,321	782	*	*	-	*	-
Locust	-	-	-	-	-	-	-	-
Shortage of rain	42,668	3,369	*	*	*	-	*	-
Too much rain	85,338	5,974	2,655	1,103	*	*	-	*
Wild animals	26,033	781	319	*	-	*	-	*
Birds	7,364	135	*	*	*	-	-	-
Hailstone	53,909	*	*	*	-	*	-	*
Pests	212,012	12,776	5,052	2,348	373	376	*	841
Weeds	35,751	1,838	572	484	*	-	*	*
Others	146,004	12,249	4,672	2,741	*	*	*	520

Table 3.3.8 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Waghamera

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	87,912	23,799	15,737	2,682	1,712	*	*	*
Crop disease	25,312	2,298	1,524	225	261	-	*	*
Frost or floods	16,079	1,521	1,240	*	*	-	-	-
Locust	-	-	-	-	-	-	-	-
Shortage of rain	36,969	12,091	7,884	1,509	526	*	*	-
Too much rain	12,329	1,409	759	*	*	-	*	-
Wild animals	*	*	*	-	*	-	-	-
Birds	1,064	*	*	-	-	-	-	-
Hailstone	5,469	*	*	*	*	*	-	-
Pests	18,340	1,873	1,230	114	*	*	*	-
Weeds	9,450	887	717	*	*	-	-	-
Others	24,795	2,948	1,972	354	410	*	*	*

Table 3.3.9 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Agewawi

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	198,584	28,370	13,246	2,804	1,925	1,237	*	956
Crop disease	68,839	3,709	1,699	*	*	*	*	*
Frost or floods	4,893	454	*	*	*	-	*	-
Locust	-	-	-	-	-	-	-	-
Shortage of rain	*	*	*	*	*	-	*	*
Too much rain	35,459	3,802	2,149	*	*	*	-	*
Wild animals	9,748	496	*	*	-	-	*	*
Birds	4,341	*	*	*	*	-	-	-
Hailstone	56,442	*	*	*	*	*	*	*
Pests	37,275	2,293	760	*	*	*	*	*
Weeds	11,098	*	*	*	*	-	-	*
Others	84,370	6,332	2,545	1,148	602	*	*	*

Table 3.3.10 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Oromia Zone

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	91,926	10,879	4,619	729	1,537	*	*	1,060
Crop disease	20,219	1,401	*	*	*	*	-	*
Frost or floods	13,549	1,236	606	*	*	-	*	*
Locust	*	*	-	*	-	-	-	-
Shortage of rain	15,182	728	71	*	*	*	-	*
Too much rain	16,681	1,371	886	*	*	*	*	*
Wild animals	3,400	124	*	-	*	*	-	*
Birds	*	*	*	-	*	-	-	-
Hailstone	9,935	*	*	-	*	*	-	*
Pests	34,594	2,549	838	*	596	*	*	252
Weeds	12,997	870	446	*	*	*	*	*
Others	18,078	*	*	*	*	*	-	*

Table 3.3.11 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Argoba Special Zone

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	6,090	839	485	126	38	23	*	54
Crop disease	1,442	92	*	*	*	*	*	1
Frost or floods	1,018	96	53	24	*	*	*	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	1,074	45	15	*	*	*	*	*
Too much rain	376	28	17	*	*	*	-	*
Wild animals	75	*	-	-	-	-	-	*
Birds	127	*	*	*	-	*	-	*
Hailstone	*	*	*	*	*	-	-	-
Pests	3,264	351	207	36	12	13	*	41
Weeds	503	38	*	8	*	-	-	-
Others	1,076	87	*	6	*	*	-	2

Table 3.4 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Oromia Region

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	5,550,035	973,587	403,521	84,624	26,218	20,460	11,040	142,941
Crop disease	2,266,917	170,904	63,556	10,095	4,299	2,699	2,740	42,973
Frost or floods	314,787	32,900	14,034	4,557	1,279	446	*	1,708
Locust	12,857	*	*	*	*	*	-	*
Shortage of rain	2,097,930	442,086	188,908	36,065	8,600	10,672	*	57,541
Too much rain	565,067	72,916	33,230	8,885	1,969	1,457	633	2,458
Wild animals	347,460	20,322	6,275	1,212	1,728	936	87	3,746
Birds	85,826	3,188	1,222	*	*	*	*	151
Hailstone	276,347	24,906	8,981	3,277	375	*	*	*
Pests	1,001,255	64,595	30,051	8,865	1,803	1,467	626	6,660
Weeds	466,924	36,546	16,604	3,782	1,287	*	*	4,305
Others	1,191,676	102,593	39,878	6,671	4,748	1,938	1,521	18,142

Table 3.4.1 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
West Welega

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	302,679	32,092	7,434	945	1,801	*	721	10,882
Crop disease	200,747	14,299	3,516	380	395	*	*	5,902
Frost or floods	19,204	430	125	*	*	-	-	*
Locust	*	*	-	-	*	-	-	-
Shortage of rain	10,706	*	*	*	-	-	-	*
Too much rain	4,524	*	*	-	*	-	-	*
Wild animals	59,212	1,898	315	*	*	-	-	429
Birds	7,648	108	*	-	-	-	-	*
Hailstone	18,748	*	*	-	*	-	*	*
Pests	69,899	4,002	1,346	*	178	-	*	895
Weeds	23,292	1,091	120	*	*	-	*	208
Others	129,020	7,307	1,554	237	352	-	167	2,256

Table 3.4.2 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	196,398	34,691	11,770	*	3,661	810	311	6,073
Crop disease	124,138	7,628	2,391	*	491	*	*	2,159
Frost or floods	9,819	1,054	*	*	*	-	*	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	5,197	318	*	-	*	-	-	*
Too much rain	8,519	696	*	*	*	-	*	*
Wild animals	26,803	2,242	1,154	*	372	*	*	*
Birds	3,819	*	*	*	*	-	-	*
Hailstone	14,515	*	*	-	*	*	*	*
Pests	34,537	*	*	*	*	*	-	*
Weeds	28,465	3,334	1,244	*	*	*	-	458
Others	98,879	12,299	3,953	*	1,341	*	*	2,741

Table 3.4.3 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Illubabor

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	297,061	45,258	11,695	1,681	1,349	773	259	18,757
Crop disease	201,784	16,116	3,403	470	*	363	64	8,129
Frost or floods	12,746	663	378	-	*	*	-	153
Locust	-	-	-	-	-	-	-	-
Shortage of rain	13,620	847	221	*	*	-	-	182
Too much rain	20,271	*	*	-	*	-	*	*
Wild animals	40,545	3,034	1,176	*	*	*	*	650
Birds	*	*	*	-	*	-	*	*
Hailstone	39,663	*	*	*	*	*	*	*
Pests	15,854	384	*	*	*	-	-	*
Weeds	40,045	2,290	748	*	*	*	*	740
Others	107,469	11,768	3,097	*	*	*	*	4,402

Table 3.4.4 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Jimma

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	552,650	72,054	23,261	2,196	1,901	2,203	*	25,867
Crop disease	428,338	39,303	10,996	*	1,151	*	*	17,752
Frost or floods	14,531	738	*	*	-	*	-	*
Locust	*	*	-	-	*	-	-	*
Shortage of rain	*	*	*	*	-	*	-	*
Too much rain	47,684	4,393	2,495	*	*	*	-	*
Wild animals	72,700	5,388	*	*	*	*	-	1,820
Birds	4,268	*	*	-	*	-	-	*
Hailstone	11,592	*	*	*	-	-	-	*
Pests	38,977	1,179	*	*	-	*	-	*
Weeds	62,247	3,982	*	*	*	*	-	1,004
Others	152,199	14,473	4,984	*	*	*	-	3,947

Table 3.4.5 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

West Shewa

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	405,137	88,990	45,998	7,497	3,771	1,843	1,154	900
Crop disease	204,977	22,990	13,102	1,069	*	*	*	*
Frost or floods	59,214	6,494	1,943	*	*	*	*	*
Locust	*	*	*	-	-	-	-	-
Shortage of rain	42,714	*	2,266	*	*	*	-	*
Too much rain	122,503	19,200	8,196	2,112	*	*	*	*
Wild animals	15,182	565	*	*	*	-	-	*
Birds	13,062	*	*	*	*	-	*	*
Hailstone	20,871	1,325	1,034	*	*	-	*	-
Pests	69,078	3,507	1,728	*	*	*	*	*
Weeds	74,330	9,334	5,352	*	*	*	*	*
Others	152,445	18,540	11,656	692	496	*	*	*

Table 3.4.6 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

North Shewa (Oromia)

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	256,071	56,856	24,605	8,208	465	*	*	*
Crop disease	92,186	9,972	4,215	985	*	*	*	-
Frost or floods	28,740	3,936	1,452	549	*	*	*	-
Locust	-	-	-	-	-	-	-	-
Shortage of rain	11,270	1,039	*	*	*	-	-	-
Too much rain	116,769	26,064	12,556	*	*	-	*	*
Wild animals	7,304	186	164	-	*	-	-	-
Birds	3,800	*	*	*	-	-	-	-
Hailstone	27,863	3,038	671	*	-	-	-	-
Pests	57,537	5,866	2,018	*	*	*	*	-
Weeds	17,151	1,757	*	*	*	-	-	-
Others	50,979	4,825	1,751	*	*	*	*	*

Table 3.4.7 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

East Shewa

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	192,464	52,635	34,422	9,128	*	*	*	*
Crop disease	33,251	3,674	1,838	1,271	-	-	*	*
Frost or floods	17,667	2,472	1,697	*	*	*	*	*
Locust	*	*	*	-	-	-	-	-
Shortage of rain	104,859	36,849	24,666	5,588	-	*	*	*
Too much rain	*	*	*	*	-	-	-	-
Wild animals	*	*	*	*	-	-	-	-
Birds	*	*	*	*	-	-	-	-
Hailstone	*	*	*	*	-	-	-	-
Pests	38,028	4,115	3,198	*	-	*	*	*
Weeds	*	*	*	*	*	-	-	-
Others	24,027	2,678	1,539	*	-	*	*	*

Table 3.4.8 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Arsi

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	431,906	140,270	93,026	15,635	1,840	*	533	3,411
Crop disease	124,024	12,315	6,068	2,180	437	*	*	*
Frost or floods	35,168	3,818	*	*	*	-	*	-
Locust	-	-	-	-	-	-	-	-
Shortage of rain	225,261	92,124	65,591	8,901	*	*	*	2,667
Too much rain	66,467	5,475	2,791	*	*	*	*	-
Wild animals	2,948	*	*	*	-	-	-	-
Birds	*	*	*	*	-	-	-	-
Hailstone	*	*	*	*	-	*	-	*
Pests	86,720	*	*	*	*	*	*	*
Weeds	10,494	783	667	-	-	-	*	-
Others	40,009	2,426	1,298	*	*	*	*	-

Table 3.4.9 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

West Harerge

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	677,026	131,079	31,066	4,768	*	*	*	31,739
Crop disease	169,795	4,027	*	*	-	*	*	1,141
Frost or floods	9,964	*	*	-	-	*	-	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	544,057	117,355	27,139	4,375	*	*	*	26,929
Too much rain	9,662	*	*	*	-	*	-	*
Wild animals	13,655	*	*	-	-	*	*	*
Birds	23,595	*	264	-	*	*	-	*
Hailstone	*	*	*	-	-	-	-	*
Pests	191,585	5,402	1,899	*	-	*	*	2,088
Weeds	32,109	*	*	-	-	*	-	*
Others	47,381	1,354	*	*	-	*	*	*

Table 3.4.10 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

East Harerge

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	902,309	94,395	31,320	*	*	*	1,195	21,473
Crop disease	236,455	8,003	*	*	*	-	*	*
Frost or floods	*	*	*	-	-	-	-	-
Locust	*	*	-	-	-	-	-	*
Shortage of rain	634,811	75,872	24,607	*	*	*	*	16,002
Too much rain	*	*	*	*	*	-	-	*
Wild animals	27,478	*	*	-	*	-	-	*
Birds	*	*	-	*	-	-	-	*
Hailstone	71,259	*	*	-	-	-	*	*
Pests	186,847	3,120	817	*	-	-	*	837
Weeds	37,852	*	*	-	-	-	*	*
Others	120,685	2,299	722	*	*	-	*	921

Table 3.4.11 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	268,233	77,780	23,481	7,614	1,660	*	*	9,413
Crop disease	47,346	7,271	2,535	*	*	*	*	890
Frost or floods	14,745	1,588	*	*	-	-	-	*
Locust	*	*	*	*	-	*	-	*
Shortage of rain	190,534	54,354	14,722	*	*	*	*	7,249
Too much rain	18,333	*	*	*	*	*	*	-
Wild animals	7,600	*	*	*	-	-	-	*
Birds	*	*	-	-	-	-	-	*
Hailstone	*	*	*	-	-	-	-	-
Pests	27,219	3,045	1,124	*	-	*	-	*
Weeds	48,635	6,058	2,132	846	*	*	-	*
Others	14,951	1,523	*	*	-	-	-	*

Table 3.4.12 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	132,735	19,151	5,765	4,333	-	*	*	3,405
Crop disease	27,068	1,309	*	*	-	*	*	745
Frost or floods	*	*	*	-	-	-	-	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	103,760	16,207	5,576	*	-	*	*	1,838
Too much rain	*	*	-	-	-	-	-	*
Wild animals	*	*	-	-	-	-	-	*
Birds	-	-	-	-	-	-	-	-
Hailstone	*	*	-	-	-	-	-	*
Pests	*	*	*	-	-	-	*	*
Weeds	*	*	*	*	-	*	-	*
Others	*	*	*	*	-	*	*	*

Table 3.4.13 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	206,881	18,533	8,381	5,572	285	*	*	*
Crop disease	84,822	3,437	1,732	720	*	*	*	*
Frost or floods	18,388	*	*	438	*	-	*	-
Locust	*	*	-	-	*	-	-	-
Shortage of rain	13,198	248	*	*	*	-	*	-
Too much rain	34,951	2,610	1,128	524	*	-	-	*
Wild animals	20,412	611	225	90	*	-	-	*
Birds	*	*	*	*	*	-	-	-
Hailstone	22,208	*	*	*	-	*	-	*
Pests	51,948	2,766	1,477	1,068	*	-	*	*
Weeds	18,029	851	399	260	-	*	-	-
Others	60,811	3,758	1,505	1,229	*	*	-	*

Table 3.4.14 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	145,492	26,458	12,889	4,068	-	492	*	3,886
Crop disease	33,314	2,460	*	*	-	*	-	*
Frost or floods	*	*	*	*	-	-	*	*
Locust	*	*	*	*	-	-	-	-
Shortage of rain	59,024	13,393	*	*	-	*	-	*
Too much rain	*	*	*	*	-	*	-	-
Wild animals	3,797	*	*	-	-	*	-	*
Birds	-	-	-	-	-	-	-	-
Hailstone	*	*	-	-	-	*	-	*
Pests	27,369	1,193	314	*	-	*	-	*
Weeds	*	1,521	761	*	-	-	-	*
Others	25,930	2,684	*	*	-	*	-	*

Table 3.4.15 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	146,015	14,643	4,387	1,156	*	397	*	4,733
Crop disease	65,452	2,492	*	133	*	102	*	776
Frost or floods	20,296	*	*	*	*	*	*	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	8,942	*	*	*	-	-	-	*
Too much rain	1,208	*	*	-	-	-	-	*
Wild animals	33,901	1,969	842	282	*	*	*	*
Birds	*	*	*	*	-	-	*	*
Hailstone	4,356	222	*	*	*	-	-	*
Pests	35,589	1,854	*	*	*	*	-	377
Weeds	15,692	1,004	562	*	-	*	-	*
Others	50,924	4,012	915	228	*	*	*	1,396

Table 3.4.16 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	89,582	16,361	6,907	2,363	2,580	*	*	*
Crop disease	48,577	3,822	2,156	*	*	*	*	*
Frost or floods	7,100	1,204	483	*	*	*	-	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	2,217	*	*	*	*	-	-	-
Too much rain	2,604	150	*	*	*	-	-	-
Wild animals	8,575	*	*	*	*	*	-	*
Birds	2,261	*	*	*	*	-	-	*
Hailstone	3,254	397	*	*	*	-	-	-
Pests	24,062	1,593	558	*	*	*	*	*
Weeds	9,020	598	278	*	*	*	-	*
Others	33,984	6,829	2,728	*	1,378	*	-	*

Table 3.4.117 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	347,396	52,341	27,114	4,595	*	*	*	*
Crop disease	144,643	11,785	5,610	*	*	*	*	*
Frost or floods	30,488	*	*	*	*	*	*	-
Locust	-	-	-	-	-	-	-	-
Shortage of rain	95,454	*	*	*	*	*	-	-
Too much rain	73,215	5,353	*	*	-	*	*	*
Wild animals	*	*	-	-	-	*	-	-
Birds	8,060	*	*	-	-	-	-	*
Hailstone	*	*	*	-	-	-	*	-
Pests	42,121	1,502	831	*	*	-	*	*
Weeds	*	*	*	*	*	-	*	*
Others	62,087	4,357	1,492	*	-	*	*	*

Table 3.5 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	99,741	48,681	19,520	*	*	*	1,194	895
Crop disease	2,483	164	*	-	-	-	*	*
Frost or floods	*	*	*	-	-	-	-	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	88,598	46,655	18,940	*	*	*	1,103	734
Too much rain	-	-	-	-	-	-	-	-
Wild animals	*	*	*	-	*	-	*	*
Birds	*	*	*	-	*	*	*	*
Hailstone	-	-	-	-	-	-	-	-
Pests	2,813	*	*	-	-	-	*	*
Weeds	*	*	*	-	-	-	*	-
Others	4,640	*	*	-	-	-	*	*

Table 3.5.1 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Shinele

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	5,934	1,283	555	*	*	-	*	*
Crop disease	*	*	*	-	-	-	*	*
Frost or floods	*	*	*	-	-	-	-	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	2,717	597	*	*	*	-	*	*
Too much rain	-	-	-	-	-	-	-	-
Wild animals	*	*	*	-	-	-	*	*
Birds	*	*	*	-	-	-	*	*
Hailstone	-	-	-	-	-	-	-	-
Pests	2,490	*	*	-	-	-	*	*
Weeds	*	*	*	-	-	-	*	-
Others	763	*	*	-	-	-	*	*

Table 3.5.2 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Jijiga

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	81,384	44,431	17,988	-	*	*	1,083	790
Crop disease	*	*	*	-	-	-	-	*
Frost or floods	*	*	-	-	-	-	-	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	74,764	43,139	17,597	-	*	*	1,083	692
Too much rain	-	-	-	-	-	-	-	-
Wild animals	*	*	*	-	*	-	-	*
Birds	*	*	-	-	*	*	-	*
Hailstone	-	-	-	-	-	-	-	-
Pests	*	*	*	-	-	-	-	-
Weeds	*	*	*	-	-	-	-	-
Others	3,131	*	*	-	-	-	-	*

Table 3.5.3 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Liben

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	*	*	*	*	-	-	*	*
Crop disease	*	*	-	-	-	-	*	-
Frost or floods	-	-	-	-	-	-	-	-
Locust	-	-	-	-	-	-	-	-
Shortage of rain	*	*	*	*	-	-	*	*
Too much rain	-	-	-	-	-	-	-	-
Wild animals	-	-	-	-	-	-	-	-
Birds	-	-	-	-	-	-	-	-
Hailstone	-	-	-	-	-	-	-	-
Pests	-	-	-	-	-	-	-	-
Weeds	*	*	-	-	-	-	*	-
Others	*	*	-	-	-	-	*	-

Table 3.6 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Benishangul – Gumuz Region

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	178,683	29,650	8,204	3,379	6,956	2,711	978	2,103
Crop disease	65,332	5,089	1,573	387	1,056	*	118	*
Frost or floods	9,494	724	165	*	369	*	*	*
Locust	*	*	*	-	*	-	-	-
Shortage of rain	14,920	1,471	*	*	*	*	*	9
Too much rain	15,061	1,553	663	*	*	*	*	*
Wild animals	19,717	941	292	*	204	*	*	151
Birds	3,888	182	*	*	*	*	*	*
Hailstone	19,554	2,456	*	188	460	*	*	223
Pests	38,858	2,667	472	337	941	180	*	297
Weeds	55,985	7,575	2,112	968	1,626	*	345	577
Others	68,353	6,987	1,725	951	1,421	591	77	537

Table 3.6.1 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Cause of damage	Metekel							
	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	88,781	17,980	4,889	2,105	4,921	2,191	582	*
Crop disease	31,553	2,656	785	*	834	*	*	*
Frost or floods	6,010	568	127	*	338	*	*	*
Locust	*	*	*	-	-	-	-	-
Shortage of rain	8,778	*	*	*	*	*	-	*
Too much rain	8,134	1,253	559	*	*	*	*	*
Wild animals	7,264	331	*	-	103	-	*	*
Birds	1,855	*	*	*	*	-	-	-
Hailstone	7,987	1,482	*	*	*	*	*	*
Pests	21,984	1,637	277	*	658	110	*	*
Weeds	29,199	4,414	981	613	1,072	*	*	*
Others	37,101	4,276	1,059	*	896	*	*	164

Table 3.6.2 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Cause of damage	Asosa							
	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	65,113	7,139	1,986	765	1,098	162	324	841
Crop disease	23,123	1,717	636	*	73	*	*	*
Frost or floods	2,317	*	*	*	*	-	*	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	*	*	*	*	*	*	*	*
Too much rain	6,376	243	*	*	*	-	*	*
Wild animals	7,720	309	98	*	51	*	-	*
Birds	*	*	-	-	*	*	*	-
Hailstone	10,210	909	*	*	*	-	*	210
Pests	12,731	682	85	*	*	*	*	*
Weeds	18,432	1,947	672	*	*	*	*	*
Others	21,986	1,079	241	146	115	*	*	191

Table 3.6.3 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Cause of damage	Kemashi							
	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	15,548	3,814	1,096	452	843	333	*	399
Crop disease	5,122	570	98	*	134	*	-	23
Frost or floods	*	*	*	*	*	*	-	*
Locust	*	*	-	-	*	-	-	-
Shortage of rain	257	*	-	*	*	-	*	*
Too much rain	*	*	*	-	*	-	-	-
Wild animals	1,583	98	*	*	*	*	-	*
Birds	314	*	*	-	*	-	-	*
Hailstone	468	*	*	-	*	-	-	*
Pests	2,317	304	91	*	*	*	*	*
Weeds	6,903	1,087	438	111	177	*	*	124
Others	7,913	1,552	414	*	375	*	-	175

Table 3.6.4 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Cause of damage	Mao Komo Zone							
	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	9,241	718	232	*	93	25	*	103
Crop disease	5,534	146	54	*	*	*	*	35
Frost or floods	*	*	*	-	*	*	-	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	*	*	-	-	-	*	*	*
Too much rain	368	*	*	*	*	-	-	*
Wild animals	3,150	203	76	-	31	*	*	26
Birds	*	73	*	-	*	*	*	*
Hailstone	*	*	*	*	*	*	*	*
Pests	1,827	44	*	*	*	-	*	*
Weeds	1,450	127	*	*	*	*	*	*
Others	1,353	80	*	*	*	*	*	*

Table 3.7 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

S.N.N.P. Region

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	3,154,905	258,979	98,662	26,645	*	4,772	9,375	37,857
Crop disease	1,662,334	55,842	17,296	6,585	*	2,023	1,771	12,193
Frost or floods	184,075	6,699	3,560	222	*	205	91	844
Locust	2,216	*	*	*	-	-	*	*
Shortage of rain	1,099,445	134,010	58,794	13,809	*	782	4,998	14,206
Too much rain	279,627	10,058	3,867	1,015	*	*	173	890
Wild animals	258,946	7,547	1,389	901	*	274	297	1,637
Birds	50,753	784	310	*	*	*	*	100
Hailstone	90,887	4,899	467	*	*	*	*	*
Pests	445,280	10,827	2,934	738	*	486	319	2,597
Weeds	219,236	6,918	1,878	863	*	206	211	912
Others	605,848	21,266	8,091	1,542	*	512	1,025	2,818

Table 3.7.1 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Gurage

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	193,984	17,165	8,836	2,141	*	*	*	677
Crop disease	109,869	*	*	*	-	*	*	146
Frost or floods	21,934	1,111	748	*	*	*	*	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	27,897	*	*	*	-	*	-	*
Too much rain	27,189	1,283	*	*	-	*	-	*
Wild animals	35,296	935	*	*	-	*	*	*
Birds	*	*	*	*	-	*	-	*
Hailstone	*	*	*	-	-	*	-	*
Pests	36,112	1,219	504	*	*	*	*	*
Weeds	16,888	*	*	*	*	*	-	*
Others	59,164	2,448	*	*	*	*	*	*

Table 3.7.2 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Hadiya

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	228,353	17,159	7,850	887	-	*	263	1,645
Crop disease	141,429	6,829	3,207	597	-	*	*	590
Frost or floods	25,637	1,121	*	*	-	-	*	*
Locust	*	*	*	-	-	-	-	-
Shortage of rain	24,255	*	247	*	-	*	*	*
Too much rain	51,971	2,554	1,077	*	-	*	*	*
Wild animals	*	*	*	*	-	*	-	*
Birds	5,388	*	*	-	-	-	-	*
Hailstone	4,079	*	*	-	-	-	*	-
Pests	49,904	904	343	*	-	*	*	*
Weeds	20,640	751	305	-	-	*	-	*
Others	78,281	3,805	1,701	*	-	*	*	*

Table 3.7.3 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Kembata - Tembaro

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	102,407	6,938	3,055	*	*	*	300	791
Crop disease	74,413	3,959	*	*	-	28	163	350
Frost or floods	14,757	*	*	*	-	*	*	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	16,555	586	*	*	*	*	*	*
Too much rain	9,266	276	188	-	-	*	*	*
Wild animals	7,011	61	*	-	-	-	*	*
Birds	*	*	*	-	-	-	*	*
Hailstone	*	*	*	-	-	-	-	*
Pests	10,388	*	*	*	-	*	*	*
Weeds	2,556	*	*	*	-	-	*	*
Others	38,562	1,246	529	*	*	*	*	*

Table 3.7.4 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	765,776	22,656	3,377	4,154	-	*	*	8,248
Crop disease	440,731	10,832	*	*	-	*	258	4,152
Frost or floods	34,644	*	*	-	-	-	-	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	189,210	6,629	*	*	-	*	*	2,859
Too much rain	64,603	*	*	*	-	-	*	*
Wild animals	*	*	-	-	-	-	*	-
Birds	*	*	-	-	-	-	-	*
Hailstone	*	*	*	*	-	-	*	*
Pests	63,875	367	*	*	-	-	*	*
Weeds	28,512	290	*	*	-	-	-	*
Others	84,629	1,062	*	*	-	-	*	*

Table 3.7.5 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	158,159	8,552	1,144	*	*	350	*	4,833
Crop disease	101,175	3,358	*	*	*	129	*	1,945
Frost or floods	*	*	*	-	-	*	*	*
Locust	*	*	-	-	-	-	-	-
Shortage of rain	21,443	*	*	*	-	*	-	*
Too much rain	*	*	-	-	-	-	-	*
Wild animals	*	*	-	-	-	-	-	*
Birds	-	-	-	-	-	-	-	-
Hailstone	*	*	-	-	-	-	*	*
Pests	49,234	2,075	*	*	*	*	*	*
Weeds	*	*	*	-	-	-	-	*
Others	21,912	739	*	-	-	*	*	*

Table 3.7.6 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	359,687	14,946	3,168	2,332	-	62	1,103	2,505
Crop disease	172,519	*	*	*	-	*	217	348
Frost or floods	23,483	323	*	*	-	-	*	56
Locust	-	-	-	-	-	-	-	-
Shortage of rain	214,985	9,385	1,619	1,219	-	23	812	1,837
Too much rain	9,176	162	*	*	-	-	-	*
Wild animals	11,516	*	*	-	-	*	*	*
Birds	*	*	*	*	-	-	*	-
Hailstone	*	*	*	*	-	*	*	*
Pests	22,699	166	*	*	-	*	*	*
Weeds	*	*	*	-	-	-	-	*
Others	36,181	640	*	*	-	*	*	*

Table 3.7.7 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	115,711	30,450	13,356	2,928	*	*	*	1,952
Crop disease	39,487	909	171	*	*	*	49	*
Frost or floods	*	*	-	-	-	-	-	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	83,248	28,522	12,941	2,644	*	-	*	1,701
Too much rain	*	*	*	*	*	-	-	*
Wild animals	6,935	*	*	*	-	-	-	*
Birds	*	*	*	-	-	-	*	*
Hailstone	-	-	-	-	-	-	-	-
Pests	16,385	291	*	*	*	-	*	*
Weeds	*	*	*	*	-	-	-	*
Others	7,784	183	*	*	*	-	*	*

Table 3.7.8 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Sheka

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	57,789	4,978	842	*	-	*	75	2,493
Crop disease	33,283	2,161	*	*	-	*	*	1,447
Frost or floods	832	*	*	-	-	-	-	*
Locust	*	*	-	-	-	-	-	*
Shortage of rain	12,279	1,530	*	-	-	*	*	*
Too much rain	*	*	*	-	-	-	-	*
Wild animals	16,854	684	*	*	-	*	*	127
Birds	*	*	-	-	-	*	-	-
Hailstone	*	*	-	-	-	-	-	*
Pests	4,532	86	*	-	-	-	-	*
Weeds	4,751	165	*	*	-	-	*	44
Others	10,537	233	*	-	-	*	*	*

Table 3.7.9 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Keffa

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	241,524	20,982	5,934	2,546	-	483	1,045	3,769
Crop disease	134,338	8,072	3,504	810	-	*	*	1,191
Frost or floods	4,544	*	*	*	-	-	*	-
Locust	-	-	-	-	-	-	-	-
Shortage of rain	17,190	628	111	*	-	*	*	*
Too much rain	22,180	965	230	361	-	-	-	112
Wild animals	78,477	3,126	*	297	-	*	*	878
Birds	5,672	*	*	*	-	*	-	*
Hailstone	*	*	-	*	-	-	-	*
Pests	49,010	1,076	*	*	-	*	*	183
Weeds	45,234	2,160	172	334	-	*	*	291
Others	68,070	4,225	889	547	-	*	*	*

Table 3.7.10 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Gamo Gofa

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	384,110	47,807	21,174	2,233	*	68	3,191	4,480
Crop disease	150,293	2,321	619	86	-	*	316	353
Frost or floods	4,641	220	-	*	-	*	*	*
Locust	*	*	-	-	-	-	-	-
Shortage of rain	282,001	41,881	19,329	1,754	-	*	2,637	3,745
Too much rain	39,145	980	*	*	*	*	79	*
Wild animals	34,042	636	*	*	-	-	*	*
Birds	4,298	*	*	-	-	*	-	*
Hailstone	-	-	-	-	-	-	-	-
Pests	47,377	406	126	*	-	-	*	*
Weeds	23,000	371	124	*	-	*	*	*
Others	56,167	963	317	*	*	*	*	57

Table 3.7.11 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Bench - Maji

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	96,385	7,436	2,524	337	*	34	322	2,684
Crop disease	53,509	1,587	169	*	*	*	84	908
Frost or floods	1,375	*	*	-	-	*	-	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	31,078	3,207	1,436	*	*	*	97	*
Too much rain	*	*	*	-	-	-	-	*
Wild animals	4,613	*	*	*	-	-	*	*
Birds	*	*	*	*	-	-	-	*
Hailstone	-	-	-	-	-	-	-	-
Pests	11,206	*	*	*	-	*	*	*
Weeds	17,040	458	106	*	-	-	*	117
Others	33,532	1,262	562	*	*	*	115	288

Table 3.7.12 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Yem Special Wereda

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	21,321	1,749	936	324	*	*	*	116
Crop disease	17,791	543	302	*	*	*	*	41
Frost or floods	609	*	*	*	-	*	*	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	*	*	*	*	-	*	-	-
Too much rain	4,567	292	196	*	-	*	-	*
Wild animals	1,268	102	53	*	-	*	-	-
Birds	*	*	*	*	-	-	-	*
Hailstone	*	*	-	-	*	-	-	-
Pests	3,881	53	*	*	*	*	*	*
Weeds	2,401	89	*	*	-	-	-	*
Others	8,306	608	312	134	-	*	*	*

Table 3.7.13 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Segen Peoples

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	69,485	24,179	12,032	5,128	-	*	*	1,127
Crop disease	11,119	*	*	7	-	*	*	*
Frost or floods	*	*	*	*	-	-	-	*
Locust	*	*	*	-	-	-	-	-
Shortage of rain	61,268	21,940	11,251	4,938	-	*	*	1,018
Too much rain	*	*	-	-	-	-	-	*
Wild animals	1,080	*	*	*	-	-	-	*
Birds	*	*	-	*	-	-	-	-
Hailstone	-	-	-	-	-	-	-	-
Pests	*	*	*	*	-	-	*	*
Weeds	3,674	*	*	*	-	*	-	*
Others	10,181	*	*	*	-	-	-	*

Table 3.7.14 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Dawro

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	113,194	9,119	2,027	1,773	*	222	414	1,413
Crop disease	70,160	2,658	427	370	*	81	*	376
Frost or floods	6,232	73	*	*	-	*	*	*
Locust	*	*	-	-	-	-	*	-
Shortage of rain	37,247	3,921	984	*	*	-	70	573
Too much rain	3,542	105	*	*	*	-	*	*
Wild animals	17,382	409	*	*	*	*	*	103
Birds	*	*	*	*	-	-	-	*
Hailstone	*	121	*	*	-	-	*	*
Pests	19,995	655	*	81	*	*	*	131
Weeds	18,468	490	*	*	-	*	*	81
Others	24,766	664	*	*	*	*	*	108

Table 3.7.15 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Basketo Special Wereda

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	13,469	1,388	427	223	-	*	83	137
Crop disease	8,637	238	33	22	-	-	32	33
Frost or floods	1,314	15	*	*	-	*	*	*
Locust	*	*	*	*	-	-	-	-
Shortage of rain	9,313	917	364	169	-	*	26	64
Too much rain	282	*	*	*	-	-	*	-
Wild animals	2,671	84	5	*	-	-	*	*
Birds	*	*	*	-	-	-	*	*
Hailstone	-	-	-	-	-	-	-	-
Pests	3,299	52	7	*	-	-	*	10
Weeds	737	45	*	*	-	-	*	*
Others	2,461	32	7	*	-	-	*	6

Table 3.7.16 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Konta Special Wereda

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	38,330	2,881	504	411	*	*	350	761
Crop disease	15,572	310	*	45	-	*	*	*
Frost or floods	*	*	-	*	-	-	*	*
Locust	*	*	-	-	-	-	-	*
Shortage of rain	12,927	1,031	*	30	-	-	*	*
Too much rain	2,759	41	*	*	-	-	*	*
Wild animals	13,108	724	*	*	*	*	*	*
Birds	*	*	*	*	*	*	*	*
Hailstone	*	*	*	-	-	-	-	-
Pests	7,900	294	*	*	-	*	*	*
Weeds	7,159	264	*	*	-	*	23	41
Others	5,790	181	*	*	-	*	*	28

Table 3.7.17 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Siltie

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	139,798	12,915	7,836	*	-	310	-	108
Crop disease	52,363	1,352	516	*	-	*	-	*
Frost or floods	23,358	1,496	939	*	-	-	-	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	39,664	*	*	*	-	*	-	*
Too much rain	30,992	1,446	839	*	-	*	-	*
Wild animals	7,926	99	*	*	-	-	-	-
Birds	3,284	*	*	-	-	-	-	-
Hailstone	*	*	*	-	-	-	-	-
Pests	27,124	547	230	*	-	*	-	*
Weeds	10,307	337	*	*	-	-	-	*
Others	50,716	2,162	1,164	*	-	*	-	*

Table 3.7.18 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Alaba Special Wereda

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	55,423	7,678	3,641	341	-	1,349	*	115
Crop disease	35,649	3,566	1,609	117	-	909	*	47
Frost or floods	9,168	569	268	*	-	*	*	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	18,398	2,041	887	*	-	*	*	*
Too much rain	5,850	376	*	*	-	-	-	*
Wild animals	*	*	*	*	-	-	-	-
Birds	3,882	65	37	*	-	*	-	-
Hailstone	*	*	*	-	-	*	-	-
Pests	6,587	*	*	*	-	*	-	*
Weeds	4,046	208	117	*	-	*	-	-
Others	8,810	411	*	*	-	*	*	*

Table 3.8 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Gambella Region

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	32,461	2,156	270	*	*	*	*	1,370
Crop disease	10,356	701	*	*	-	*	*	634
Frost or floods	*	*	-	-	-	*	-	*
Locust	*	*	-	-	-	*	-	-
Shortage of rain	11,061	495	116	*	*	*	*	116
Too much rain	491	*	*	*	-	-	-	*
Wild animals	5,927	181	*	-	-	*	*	99
Birds	839	*	*	*	*	-	*	*
Hailstone	*	*	-	-	-	-	-	*
Pests	2,862	84	*	-	-	*	*	63
Weeds	7,685	314	48	*	-	*	*	186
Others	6,436	359	19	*	-	*	*	263

Table 3.8.1 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Cause of damage	Agnuwak							
	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	12,176	*	*	*	*	*	*	94
Crop disease	929	*	*	*	-	*	*	*
Frost or floods	-	-	-	-	-	-	-	-
Locust	*	*	-	-	-	-	-	-
Shortage of rain	6,347	*	*	-	*	*	*	*
Too much rain	*	*	*	*	-	-	-	-
Wild animals	3,191	*	*	-	-	*	*	*
Birds	*	*	*	*	*	-	*	*
Hailstone	-	-	-	-	-	-	-	-
Pests	799	*	*	-	-	*	*	*
Weeds	2,319	*	*	-	-	*	*	*
Others	2,177	*	*	-	-	*	*	5

Table 3.8.2 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Cause of damage	Nuware							
	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	*	*	*	-	-	-	-	*
Crop disease	*	*	-	-	-	-	-	*
Frost or floods	-	-	-	-	-	-	-	-
Locust	-	-	-	-	-	-	-	-
Shortage of rain	-	-	-	-	-	-	-	-
Too much rain	-	-	-	-	-	-	-	-
Wild animals	-	-	-	-	-	-	-	-
Birds	-	-	-	-	-	-	-	-
Hailstone	-	-	-	-	-	-	-	-
Pests	*	*	-	-	-	-	-	*
Weeds	*	*	-	-	-	-	-	*
Others	*	*	*	-	-	-	-	-

Table 3.8.3 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Cause of damage	Mezhenger							
	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	17,014	1,443	92	*	-	*	*	1,167
Crop disease	8,152	628	*	*	-	*	*	*
Frost or floods	*	*	-	-	-	*	-	*
Locust	*	*	-	-	-	*	-	-
Shortage of rain	3,520	95	24	*	-	*	-	50
Too much rain	*	*	-	-	-	-	-	*
Wild animals	2,736	93	*	-	-	*	-	85
Birds	*	*	*	-	-	-	-	*
Hailstone	*	*	-	-	-	-	-	*
Pests	1,532	*	*	-	-	*	-	30
Weeds	5,200	262	*	*	-	*	*	163
Others	4,105	303	*	*	-	*	*	258

Table 3.8.4 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage

Cause of damage	Itang Special							
	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	1,420	113	28	-	*	12	-	38
Crop disease	-	-	-	-	-	-	-	-
Frost or floods	-	-	-	-	-	-	-	-
Locust	-	-	-	-	-	-	-	-
Shortage of rain	1,194	100	25	-	*	12	-	28
Too much rain	-	-	-	-	-	-	-	-
Wild animals	-	-	-	-	-	-	-	-
Birds	-	-	-	-	-	-	-	-
Hailstone	-	-	-	-	-	-	-	-
Pests	105	8	-	-	-	-	-	8
Weeds	121	4	3	-	-	-	-	1
Others	48	*	-	-	-	-	-	-

Table 3.9 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Harari Region

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	33,085	5,910	1,419	*	178	-	192	3,404
Crop disease	1,540	*	*	-	-	-	*	19
Frost or floods	1,981	92	*	-	-	-	*	*
Locust	*	*	-	-	-	-	-	*
Shortage of rain	24,932	4,454	1,002	*	143	-	143	2,668
Too much rain	*	*	*	-	-	-	-	-
Wild animals	*	*	*	-	-	-	-	*
Birds	*	*	*	-	*	-	*	*
Hailstone	*	*	*	-	-	-	-	*
Pests	15,111	732	263	-	*	-	26	272
Weeds	*	*	*	-	*	-	-	*
Others	2,421	194	*	-	-	-	-	109

Table 3.10 Number of Holders reporting Damaged Crop Area in Hectare by Category of Crops and Cause of Damage
Dire Dawa

Cause of damage	Damaged crop area by crop category (HA)							
	Holders	All crops	Cereals	Pulses	Oilseeds	Vegetables	Root crops	Permanent
All damage	22,271	3,013	1,023	353	*	*	-	429
Crop disease	10,321	458	126	70	*	-	-	120
Frost or floods	*	*	*	*	-	-	-	*
Locust	-	-	-	-	-	-	-	-
Shortage of rain	15,351	2,001	675	255	*	*	-	270
Too much rain	-	-	-	-	-	-	-	-
Wild animals	801	22	*	-	*	-	-	*
Birds	*	*	*	-	-	-	-	-
Hailstone	*	*	*	-	-	-	-	-
Pests	5,046	129	45	*	*	-	-	17
Weeds	*	*	*	-	-	-	-	-
Others	3,081	*	*	*	*	-	-	*

Table 4: Number of holders by type of farm practice

Ethiopia	
Farm Practice	Number of Holders Reporting
Crop rotation	15,677,877
Reasons for not participating in extension package	
Ignorance	1,563,857
Shortage of money	3,386,574
Suspicion on efficacy	1,511,855
Programs unavailable	1,488,383
Insufficient arable land	2,533,508
Others	800,503
Use of services	
Credit	3,196,515
Advisory	12,681,527
Reasons for not using credit service	
Service unavailable	2,501,910
Failure to pay the loan	7,476,516
Inadequate service	3,817,031
Ignorance	991,399
No return	1,129,944
Others	2,510,338
Reasons for not using advisory service	
Service unavailable	2,075,751
Inadequate service	3,866,463
Ignorance	1,629,698
No return	469,605
Others	898,382
Supplier of fertilizers	
Government	2,525,295
Private organizations	225,285
Traders	1,095,772
Unions	4,793,468
Others	156,344

Table 4.1 Number of Holders by Type of Farm practice

Tigray Region	
Farm Practice	Number of Holders Reporting
Crop rotation	909,382
Reasons for not participating in extension package	
Ignorance	85,759
Shortage of money	146,917
Suspicion on efficacy	60,115
Programs unavailable	16,283
Insufficient arable land	83,207
Others	34,177
Use of services	
Credit	155,128
Advisory	792,169
Reasons for not using credit service	
Service unavailable	42,503
Failure to pay the loan	465,092
Inadequate service	80,020
Ignorance	45,683
No return	46,072
Others	179,163
Reasons for not using advisory service	
Service unavailable	21,991
Inadequate service	35,719
Ignorance	77,355
No return	25,536
Others	60,890
Supplier of fertilizers	
Government	138,287
Private organizations	*
Traders	12,446
Unions	494,276
Others	14,573

**Table 4.1.1 Number of Holders by Type of Farm practice
North West Tigray**

Farm Practice	Number of Holders Reporting
Crop rotation	197,527
Reasons for not participating in extension package	
Ignorance	5,426
Shortage of money	17,613
Suspicion on efficacy	2,581
Programs unavailable	*
Insufficient arable land	7,722
Others	*
Use of services	
Credit	18,202
Advisory	173,810
Reasons for not using credit service	
Service unavailable	8,661
Failure to pay the loan	104,325
Inadequate service	21,548
Ignorance	11,608
No return	10,476
Others	42,485
Reasons for not using advisory service	
Service unavailable	5,737
Inadequate service	4,990
Ignorance	25,357
No return	2,077
Others	5,335
Supplier of fertilizers	
Government	37,893
Private organizations	-
Traders	3,861
Unions	111,405
Others	3,730

**Table 4.1.2 Number of Holders by Type of Farm practice
Central Tigray**

Farm Practice	Number of Holders Reporting
Crop rotation	258,895
Reasons for not participating in extension package	
Ignorance	31,980
Shortage of money	69,443
Suspicion on efficacy	25,476
Programs unavailable	3,288
Insufficient arable land	26,613
Others	9,396
Use of services	
Credit	34,557
Advisory	220,599
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	150,811
Inadequate service	13,645
Ignorance	13,180
No return	12,506
Others	52,108
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	7,492
Ignorance	18,644
No return	8,307
Others	21,550
Supplier of fertilizers	
Government	51,092
Private organizations	*
Traders	4,728
Unions	147,896
Others	5,085

**Table 4.1.3 Number of Holders by Type of Farm practice
East Tigray**

Farm Practice	Number of Holders Reporting
Crop rotation	146,438
Reasons for not participating in extension package	
Ignorance	24,122
Shortage of money	15,156
Suspicion on efficacy	4,321
Programs unavailable	*
Insufficient arable land	12,998
Others	10,477
Use of services	
Credit	32,599
Advisory	139,130
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	84,636
Inadequate service	12,902
Ignorance	*
No return	*
Others	21,378
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	8,995
Ignorance	5,420
No return	*
Others	9,597
Supplier of fertilizers	
Government	23,514
Private organizations	-
Traders	*
Unions	108,711
Others	*

**Table 4.1.4 Number of Holders by Type of Farm practice
South Tigray**

Farm Practice	Number of Holders Reporting
Crop rotation	201,225
Reasons for not participating in extension package	
Ignorance	17,901
Shortage of money	22,965
Suspicion on efficacy	23,044
Programs unavailable	*
Insufficient arable land	28,232
Others	10,069
Use of services	
Credit	41,694
Advisory	172,868
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	84,652
Inadequate service	18,154
Ignorance	5,538
No return	13,209
Others	56,264
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	4,385
Ignorance	17,159
No return	7,839
Others	19,823
Supplier of fertilizers	
Government	11,561
Private organizations	*
Traders	1,714
Unions	111,986
Others	2,798

**Table 4.1.5 Number of Holders by Type of Farm practice
Western Tigray**

Farm Practice	Number of Holders Reporting
Crop rotation	105,298
Reasons for not participating in extension package	
Ignorance	6,329
Shortage of money	21,741
Suspicion on efficacy	4,693
Programs unavailable	2,488
Insufficient arable land	7,643
Others	2,367
Use of services	
Credit	28,076
Advisory	85,761
Reasons for not using credit service	
Service unavailable	13,296
Failure to pay the loan	40,668
Inadequate service	13,772
Ignorance	9,501
No return	4,760
Others	6,928
Reasons for not using advisory service	
Service unavailable	3,416
Inadequate service	9,856
Ignorance	10,774
No return	2,607
Others	4,586
Supplier of fertilizers	
Government	14,226
Private organizations	*
Traders	*
Unions	14,278
Others	1,353

**Table 4.2 Number of Holders by Type of Farm practice
Afar Region**

Farm Practice	Number of Holders Reporting
Crop rotation	14,469
Reasons for not participating in extension package	
Ignorance	*
Shortage of money	3,306
Suspicion on efficacy	6,392
Programs unavailable	198,159
Insufficient arable land	*
Others	*
Use of services	
Credit	*
Advisory	15,272
Reasons for not using credit service	
Service unavailable	715,238
Failure to pay the loan	38,434
Inadequate service	*
Ignorance	31,337
No return	*
Others	*
Reasons for not using advisory service	
Service unavailable	768,092
Inadequate service	174,328
Ignorance	*
No return	7,523
Others	*
Supplier of fertilizers	
Government	*
Private organizations	*
Traders	*
Unions	-
Others	-

**Table 4.2.1 Number of Holders by Type of Farm practice
Zone 1**

Farm Practice	Number of Holders Reporting
Crop rotation	*
Reasons for not participating in extension package	
Ignorance	*
Shortage of money	*
Suspicion on efficacy	5,702
Programs unavailable	198,159
Insufficient arable land	*
Others	*
Use of services	
Credit	*
Advisory	12,958
Reasons for not using credit service	
Service unavailable	694,830
Failure to pay the loan	38,391
Inadequate service	*
Ignorance	31,298
No return	*
Others	*
Reasons for not using advisory service	
Service unavailable	756,613
Inadequate service	168,749
Ignorance	*
No return	*
Others	*
Supplier of fertilizers	
Government	*
Private organizations	-
Traders	*
Unions	-
Others	-

**Table 4.2.2: Number of Holders by Type of Farm practice
Zone 3**

Farm Practice	Number of Holders Reporting
Crop rotation	3,379
Reasons for not participating in extension package	
Ignorance	1,656
Shortage of money	792
Suspicion on efficacy	*
Programs unavailable	-
Insufficient arable land	-
Others	*
Use of services	
Credit	*
Advisory	*
Reasons for not using credit service	
Service unavailable	20,408
Failure to pay the loan	*
Inadequate service	*
Ignorance	*
No return	-
Others	-
Reasons for not using advisory service	
Service unavailable	11,479
Inadequate service	5,579
Ignorance	*
No return	*
Others	*
Supplier of fertilizers	
Government	*
Private organizations	*
Traders	1,016
Unions	-
Others	-

**Table 4.3: Number of Holders by Type of Farm practice
Amhara Region**

Farm Practice	Number of Holders Reporting
Crop rotation	4,404,466
Reasons for not participating in extension package	
Ignorance	325,391
Shortage of money	486,870
Suspicion on efficacy	333,530
Programs unavailable	204,008
Insufficient arable land	304,996
Others	136,998
Use of services	
Credit	1,114,013
Advisory	3,817,684
Reasons for not using credit service	
Service unavailable	136,096
Failure to pay the loan	2,007,691
Inadequate service	265,719
Ignorance	230,789
No return	276,955
Others	981,292
Reasons for not using advisory service	
Service unavailable	166,550
Inadequate service	344,742
Ignorance	382,400
No return	55,229
Others	245,498
Supplier of fertilizers	
Government	412,914
Private organizations	54,876
Traders	199,870
Unions	1,640,636
Others	38,887

**Table 4.3.1 Number of Holders by Type of Farm practice
North Gondar**

Farm Practice	Number of Holders Reporting
Crop rotation	726,810
Reasons for not participating in extension package	
Ignorance	93,436
Shortage of money	144,652
Suspicion on efficacy	53,829
Programs unavailable	106,320
Insufficient arable land	59,186
Others	31,763
Use of services	
Credit	106,339
Advisory	468,051
Reasons for not using credit service	
Service unavailable	54,826
Failure to pay the loan	353,518
Inadequate service	106,548
Ignorance	32,358
No return	38,231
Others	91,443
Reasons for not using advisory service	
Service unavailable	53,545
Inadequate service	140,760
Ignorance	73,611
No return	8,773
Others	38,521
Supplier of fertilizers	
Government	60,426
Private organizations	*
Traders	67,621
Unions	241,617
Others	8,141

**Table 4.3.2: Number of Holders by Type of Farm practice
South Gonder**

Farm Practice	Number of Holders Reporting
Crop rotation	497,057
Reasons for not participating in extension package	
Ignorance	63,490
Shortage of money	94,092
Suspicion on efficacy	22,914
Programs unavailable	50,573
Insufficient arable land	34,962
Others	18,603
Use of services	
Credit	135,592
Advisory	383,449
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	275,416
Inadequate service	34,162
Ignorance	9,697
No return	21,281
Others	45,532
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	55,640
Ignorance	51,111
No return	5,899
Others	10,739
Supplier of fertilizers	
Government	62,177
Private organizations	*
Traders	30,867
Unions	295,279
Others	*

**Table 4.3.3 :Number of Holders by Type of Farm practice
North Wolo**

Farm Practice	Number of Holders Reporting
Crop rotation	365,047
Reasons for not participating in extension package	
Ignorance	16,221
Shortage of money	48,832
Suspicion on efficacy	69,985
Programs unavailable	*
Insufficient arable land	30,511
Others	14,651
Use of services	
Credit	57,825
Advisory	337,438
Reasons for not using credit service	
Service unavailable	7,586
Failure to pay the loan	171,016
Inadequate service	17,959
Ignorance	25,282
No return	29,111
Others	98,423
Reasons for not using advisory service	
Service unavailable	6,019
Inadequate service	20,097
Ignorance	20,426
No return	*
Others	16,908
Supplier of fertilizers	
Government	44,349
Private organizations	*
Traders	7,192
Unions	75,460
Others	7,574

**Table 4.3.4: Number of Holders by Type of Farm practice
South Wolo**

Farm Practice	Number of Holders Reporting
Crop rotation	637,081
Reasons for not participating in extension package	
Ignorance	33,867
Shortage of money	36,759
Suspicion on efficacy	96,977
Programs unavailable	*
Insufficient arable land	41,173
Others	12,602
Use of services	
Credit	97,635
Advisory	636,395
Reasons for not using credit service	
Service unavailable	10,939
Failure to pay the loan	300,115
Inadequate service	31,313
Ignorance	21,496
No return	74,120
Others	195,221
Reasons for not using advisory service	
Service unavailable	13,161
Inadequate service	13,445
Ignorance	34,411
No return	3,773
Others	29,653
Supplier of fertilizers	
Government	122,393
Private organizations	-
Traders	20,176
Unions	117,949
Others	*

**Table 4.3.5: Number of Holders by Type of Farm practice
North Shewa (Amahara)**

Farm Practice	Number of Holders Reporting
Crop rotation	521,434
Reasons for not participating in extension package	
Ignorance	26,133
Shortage of money	45,264
Suspicion on efficacy	18,442
Programs unavailable	*
Insufficient arable land	47,310
Others	10,466
Use of services	
Credit	112,449
Advisory	465,541
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	237,817
Inadequate service	22,982
Ignorance	20,062
No return	25,604
Others	129,356
Reasons for not using advisory service	
Service unavailable	17,352
Inadequate service	23,307
Ignorance	37,078
No return	*
Others	25,538
Supplier of fertilizers	
Government	64,219
Private organizations	*
Traders	16,227
Unions	128,570
Others	5,683

**Table 4.3.6: Number of Holders by Type of Farm practice
East Gojjam**

Farm Practice	Number of Holders Reporting
Crop rotation	599,539
Reasons for not participating in extension package	
Ignorance	45,514
Shortage of money	32,602
Suspicion on efficacy	16,184
Programs unavailable	*
Insufficient arable land	31,504
Others	19,174
Use of services	
Credit	237,412
Advisory	524,106
Reasons for not using credit service	
Service unavailable	5,217
Failure to pay the loan	237,893
Inadequate service	*
Ignorance	61,391
No return	29,180
Others	103,689
Reasons for not using advisory service	
Service unavailable	6,566
Inadequate service	22,790
Ignorance	82,782
No return	5,099
Others	49,171
Supplier of fertilizers	
Government	*
Private organizations	*
Traders	17,520
Unions	226,259
Others	4,823

**Table 4.3.7 :Number of Holders by Type of Farm practice
West Gojjam**

Farm Practice	Number of Holders Reporting
Crop rotation	585,497
Reasons for not participating in extension package	
Ignorance	8,516
Shortage of money	12,062
Suspicion on efficacy	*
Programs unavailable	*
Insufficient arable land	23,808
Others	9,827
Use of services	
Credit	221,233
Advisory	537,114
Reasons for not using credit service	
Service unavailable	-
Failure to pay the loan	218,952
Inadequate service	8,561
Ignorance	34,993
No return	31,638
Others	177,728
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	41,128
Ignorance	40,868
No return	*
Others	49,540
Supplier of fertilizers	
Government	*
Private organizations	*
Traders	20,320
Unions	400,374
Others	*

**Table 4.3.8: Number of Holders by Type of Farm practice
Waghamera**

Farm Practice	Number of Holders Reporting
Crop rotation	105,538
Reasons for not participating in extension package	
Ignorance	10,759
Shortage of money	41,866
Suspicion on efficacy	7,201
Programs unavailable	1,582
Insufficient arable land	5,334
Others	1,547
Use of services	
Credit	26,182
Advisory	99,771
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	58,441
Inadequate service	8,938
Ignorance	4,567
No return	*
Others	5,067
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	2,581
Ignorance	4,683
No return	*
Others	3,594
Supplier of fertilizers	
Government	23,070
Private organizations	-
Traders	*
Unions	3,662
Others	640

**Table 4.3.9: Number of Holders by Type of Farm practice
Awi**

Farm Practice	Number of Holders Reporting
Crop rotation	262,805
Reasons for not participating in extension package	
Ignorance	7,084
Shortage of money	19,172
Suspicion on efficacy	*
Programs unavailable	*
Insufficient arable land	11,723
Others	12,080
Use of services	
Credit	113,796
Advisory	275,409
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	108,754
Inadequate service	*
Ignorance	10,946
No return	12,528
Others	73,770
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	12,744
Ignorance	19,435
No return	3,207
Others	13,857
Supplier of fertilizers	
Government	*
Private organizations	*
Traders	15,348
Unions	144,999
Others	3,239

**Table 4.3.10 Number of Holders by Type of Farm practice
Oromia Zone**

Farm Practice	Number of Holders Reporting
Crop rotation	95,993
Reasons for not participating in extension package	
Ignorance	18,647
Shortage of money	11,212
Suspicion on efficacy	31,496
Programs unavailable	13,613
Insufficient arable land	18,262
Others	*
Use of services	
Credit	*
Advisory	83,774
Reasons for not using credit service	
Service unavailable	8,541
Failure to pay the loan	42,338
Inadequate service	12,791
Ignorance	9,537
No return	11,519
Others	58,988
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	11,584
Ignorance	17,143
No return	9,707
Others	7,749
Supplier of fertilizers	
Government	13,029
Private organizations	-
Traders	*
Unions	6,057
Others	-

**Table 4.3.11: Number of Holders by Type of Farm practice
Argoba Special**

Farm Practice	Number of Holders Reporting
Crop rotation	7,666
Reasons for not participating in extension package	
Ignorance	1,724
Shortage of money	358
Suspicion on efficacy	1,732
Programs unavailable	*
Insufficient arable land	1,223
Others	293
Use of services	
Credit	1,300
Advisory	6,637
Reasons for not using credit service	
Service unavailable	74
Failure to pay the loan	3,431
Inadequate service	1,289
Ignorance	460
No return	837
Others	2,076
Reasons for not using advisory service	
Service unavailable	541
Inadequate service	665
Ignorance	853
No return	*
Others	227
Supplier of fertilizers	
Government	928
Private organizations	-
Traders	-
Unions	411
Others	*

**Table 4.4: Number of Holders by Type of Farm practice
Oromia Region**

Farm Practice	Number of Holders Reporting
Crop rotation	6,722,527
Reasons for not participating in extension package	
Ignorance	543,459
Shortage of money	1,766,297
Suspicion on efficacy	714,431
Programs unavailable	645,734
Insufficient arable land	987,204
Others	414,156
Use of services	
Credit	875,570
Advisory	4,816,160
Reasons for not using credit service	
Service unavailable	1,100,459
Failure to pay the loan	2,516,955
Inadequate service	2,483,072
Ignorance	399,280
No return	515,951
Others	827,609
Reasons for not using advisory service	
Service unavailable	701,490
Inadequate service	2,013,444
Ignorance	584,640
No return	240,490
Others	361,445
Supplier of fertilizers	
Government	552,003
Private organizations	87,445
Traders	393,409
Unions	2,567,498
Others	81,504

**Table 4.4.1: Number of Holders by Type of Farm practice
West Welega**

Farm Practice	Number of Holders Reporting
Crop rotation	359,013
Reasons for not participating in extension package	
Ignorance	10,169
Shortage of money	123,004
Suspicion on efficacy	13,422
Programs unavailable	-
Insufficient arable land	29,285
Others	9,050
Use of services	
Credit	74,084
Advisory	291,916
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	212,946
Inadequate service	37,627
Ignorance	11,283
No return	27,421
Others	37,598
Reasons for not using advisory service	
Service unavailable	16,084
Inadequate service	22,186
Ignorance	44,248
No return	11,036
Others	21,263
Supplier of fertilizers	
Government	31,455
Private organizations	*
Traders	2,382
Unions	114,609
Others	*

**Table 4.4.2: Number of Holders by Type of Farm practice
East Welega**

Farm Practice	Number of Holders Reporting
Crop rotation	259,998
Reasons for not participating in extension package	
Ignorance	*
Shortage of money	74,837
Suspicion on efficacy	17,486
Programs unavailable	-
Insufficient arable land	19,029
Others	*
Use of services	
Credit	62,018
Advisory	190,272
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	130,477
Inadequate service	17,994
Ignorance	7,909
No return	32,164
Others	47,260
Reasons for not using advisory service	
Service unavailable	2,736
Inadequate service	26,708
Ignorance	34,241
No return	27,521
Others	19,933
Supplier of fertilizers	
Government	*
Private organizations	*
Traders	5,970
Unions	106,180
Others	*

**Table 4.4.3: Number of Holders by Type of Farm practice
Illubabor**

Farm Practice	Number of Holders Reporting
Crop rotation	347,142
Reasons for not participating in extension package	
Ignorance	10,655
Shortage of money	105,124
Suspicion on efficacy	25,209
Programs unavailable	*
Insufficient arable land	41,004
Others	6,435
Use of services	
Credit	47,337
Advisory	313,435
Reasons for not using credit service	
Service unavailable	44,448
Failure to pay the loan	172,357
Inadequate service	55,366
Ignorance	7,968
No return	34,475
Others	57,694
Reasons for not using advisory service	
Service unavailable	11,644
Inadequate service	45,407
Ignorance	17,162
No return	11,581
Others	19,189
Supplier of fertilizers	
Government	26,233
Private organizations	*
Traders	*
Unions	113,414
Others	*

**Table 4.4.4 :Number of Holders by Type of Farm practice
Jimma**

Farm Practice	Number of Holders Reporting
Crop rotation	750,408
Reasons for not participating in extension package	
Ignorance	*
Shortage of money	134,863
Suspicion on efficacy	66,171
Programs unavailable	*
Insufficient arable land	114,645
Others	*
Use of services	
Credit	29,716
Advisory	542,671
Reasons for not using credit service	
Service unavailable	115,749
Failure to pay the loan	296,083
Inadequate service	200,389
Ignorance	17,470
No return	57,099
Others	132,251
Reasons for not using advisory service	
Service unavailable	14,243
Inadequate service	211,877
Ignorance	*
No return	14,637
Others	42,193
Supplier of fertilizers	
Government	105,690
Private organizations	*
Traders	12,685
Unions	268,388
Others	*

**Table 4.4.5: Number of Holders by Type of Farm practice
West Shewa**

Farm Practice	Number of Holders Reporting
Crop rotation	520,351
Reasons for not participating in extension package	
Ignorance	65,318
Shortage of money	81,159
Suspicion on efficacy	73,065
Programs unavailable	*
Insufficient arable land	90,003
Others	19,993
Use of services	
Credit	93,107
Advisory	223,157
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	236,528
Inadequate service	62,424
Ignorance	47,721
No return	48,463
Others	74,989
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	190,711
Ignorance	74,552
No return	25,147
Others	33,611
Supplier of fertilizers	
Government	4,863
Private organizations	6,123
Traders	41,561
Unions	232,544
Others	*

**Table 4.4.6 : Number of Holders by Type of Farm practice
North Shewa (Oromia)**

Farm Practice	Number of Holders Reporting
Crop rotation	334,870
Reasons for not participating in extension package	
Ignorance	31,900
Shortage of money	43,538
Suspicion on efficacy	28,201
Programs unavailable	31,746
Insufficient arable land	53,992
Others	41,912
Use of services	
Credit	67,432
Advisory	217,079
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	129,577
Inadequate service	31,559
Ignorance	22,459
No return	44,159
Others	58,892
Reasons for not using advisory service	
Service unavailable	23,660
Inadequate service	52,147
Ignorance	30,750
No return	16,571
Others	32,604
Supplier of fertilizers	
Government	34,972
Private organizations	*
Traders	*
Unions	65,792
Others	*

**Table 4.4.7 :Number of Holders by Type of Farm practice
East Shewa**

Farm Practice	Number of Holders Reporting
Crop rotation	329,652
Reasons for not participating in extension package	
Ignorance	39,527
Shortage of money	40,936
Suspicion on efficacy	26,242
Programs unavailable	44,254
Insufficient arable land	56,700
Others	26,417
Use of services	
Credit	48,663
Advisory	199,445
Reasons for not using credit service	
Service unavailable	37,461
Failure to pay the loan	97,102
Inadequate service	120,654
Ignorance	22,658
No return	40,457
Others	23,810
Reasons for not using advisory service	
Service unavailable	39,165
Inadequate service	120,335
Ignorance	14,743
No return	*
Others	8,842
Supplier of fertilizers	
Government	50,991
Private organizations	*
Traders	23,071
Unions	118,735
Others	*

Table 4.4.8 :Number of Holders by Type of Farm practice**Arsi**

Farm Practice	Number of Holders Reporting
Crop rotation	596,863
Reasons for not participating in extension package	
Ignorance	39,240
Shortage of money	98,171
Suspicion on efficacy	36,072
Programs unavailable	116,991
Insufficient arable land	85,117
Others	16,936
Use of services	
Credit	83,408
Advisory	405,011
Reasons for not using credit service	
Service unavailable	77,510
Failure to pay the loan	197,717
Inadequate service	158,736
Ignorance	28,541
No return	42,849
Others	66,605
Reasons for not using advisory service	
Service unavailable	84,851
Inadequate service	113,561
Ignorance	20,919
No return	14,240
Others	16,783
Supplier of fertilizers	
Government	70,534
Private organizations	*
Traders	47,305
Unions	355,006
Others	8,042

Table 4.4.9: Number of Holders by Type of Farm practice**West Harerge**

Farm Practice	Number of Holders Reporting
Crop rotation	663,329
Reasons for not participating in extension package	
Ignorance	60,076
Shortage of money	323,943
Suspicion on efficacy	86,827
Programs unavailable	*
Insufficient arable land	96,975
Others	32,106
Use of services	
Credit	68,876
Advisory	442,899
Reasons for not using credit service	
Service unavailable	156,590
Failure to pay the loan	114,750
Inadequate service	486,285
Ignorance	48,441
No return	27,675
Others	19,187
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	334,394
Ignorance	73,100
No return	25,703
Others	16,546
Supplier of fertilizers	
Government	16,160
Private organizations	*
Traders	23,504
Unions	214,472
Others	*

**Table 4.4.10 :Number of Holders by Type of Farm practice
East Harerge**

Farm Practice	Number of Holders Reporting
Crop rotation	732,649
Reasons for not participating in extension package	
Ignorance	61,674
Shortage of money	385,616
Suspicion on efficacy	187,944
Programs unavailable	*
Insufficient arable land	110,706
Others	60,392
Use of services	
Credit	71,090
Advisory	973,598
Reasons for not using credit service	
Service unavailable	204,586
Failure to pay the loan	184,628
Inadequate service	862,387
Ignorance	48,859
No return	*
Others	*
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	289,411
Ignorance	54,419
No return	*
Others	39,161
Supplier of fertilizers	
Government	93,994
Private organizations	*
Traders	78,277
Unions	390,848
Others	13,430

**Table 4.4.11: Number of Holders by Type of Farm practice
Bale**

Farm Practice	Number of Holders Reporting
Crop rotation	283,740
Reasons for not participating in extension package	
Ignorance	*
Shortage of money	58,194
Suspicion on efficacy	15,295
Programs unavailable	52,182
Insufficient arable land	35,789
Others	*
Use of services	
Credit	40,606
Advisory	200,365
Reasons for not using credit service	
Service unavailable	50,979
Failure to pay the loan	85,503
Inadequate service	94,449
Ignorance	19,273
No return	19,372
Others	75,019
Reasons for not using advisory service	
Service unavailable	59,764
Inadequate service	94,484
Ignorance	14,088
No return	7,152
Others	*
Supplier of fertilizers	
Government	33,973
Private organizations	*
Traders	2,987
Unions	99,194
Others	*

**Table 4.4.12: Number of Holders by Type of Farm practice
Borena**

Farm Practice	Number of Holders Reporting
Crop rotation	132,060
Reasons for not participating in extension package	
Ignorance	38,696
Shortage of money	46,009
Suspicion on efficacy	23,872
Programs unavailable	103,306
Insufficient arable land	22,530
Others	9,659
Use of services	
Credit	5,082
Advisory	63,831
Reasons for not using credit service	
Service unavailable	75,026
Failure to pay the loan	62,854
Inadequate service	90,518
Ignorance	29,954
No return	33,899
Others	8,140
Reasons for not using advisory service	
Service unavailable	76,435
Inadequate service	122,330
Ignorance	27,615
No return	*
Others	5,219
Supplier of fertilizers	
Government	*
Private organizations	-
Traders	-
Unions	-
Others	-

**Table 4.4.13 :Number of Holders by Type of Farm practice
South West Shewa**

Farm Practice	Number of Holders Reporting
Crop rotation	361,229
Reasons for not participating in extension package	
Ignorance	37,394
Shortage of money	52,157
Suspicion on efficacy	49,761
Programs unavailable	*
Insufficient arable land	87,816
Others	55,948
Use of services	
Credit	65,316
Advisory	169,668
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	152,761
Inadequate service	39,237
Ignorance	26,479
No return	24,289
Others	82,613
Reasons for not using advisory service	
Service unavailable	16,480
Inadequate service	105,764
Ignorance	30,804
No return	30,793
Others	39,021
Supplier of fertilizers	
Government	*
Private organizations	*
Traders	12,519
Unions	154,556
Others	8,769

Table 4.4.14: Number of Holders by Type of Farm practice**Guji**

Farm Practice	Number of Holders Reporting
Crop rotation	198,922
Reasons for not participating in extension package	
Ignorance	62,588
Shortage of money	54,802
Suspicion on efficacy	28,372
Programs unavailable	81,307
Insufficient arable land	54,315
Others	17,633
Use of services	
Credit	9,888
Advisory	46,398
Reasons for not using credit service	
Service unavailable	109,180
Failure to pay the loan	91,290
Inadequate service	63,850
Ignorance	27,887
No return	17,844
Others	5,073
Reasons for not using advisory service	
Service unavailable	106,045
Inadequate service	114,827
Ignorance	34,186
No return	*
Others	19,484
Supplier of fertilizers	
Government	21,582
Private organizations	*
Traders	*
Unions	*
Others	*

Table 4.4.15 : Number of Holders by Type of Farm practice**Kelem Welega**

Farm Practice	Number of Holders Reporting
Crop rotation	227,678
Reasons for not participating in extension package	
Ignorance	4,314
Shortage of money	84,027
Suspicion on efficacy	19,122
Programs unavailable	*
Insufficient arable land	23,053
Others	*
Use of services	
Credit	37,074
Advisory	172,176
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	140,624
Inadequate service	*
Ignorance	6,353
No return	15,346
Others	20,812
Reasons for not using advisory service	
Service unavailable	7,430
Inadequate service	13,366
Ignorance	37,059
No return	5,473
Others	14,998
Supplier of fertilizers	
Government	*
Private organizations	-
Traders	3,272
Unions	81,276
Others	*

**Table 4.4.16: Number of Holders by Type of Farm practice
Horoguduru**

Farm Practice	Number of Holders Reporting
Crop rotation	151,377
Reasons for not participating in extension package	
Ignorance	6,319
Shortage of money	19,630
Suspicion on efficacy	5,516
Programs unavailable	*
Insufficient arable land	18,505
Others	2,269
Use of services	
Credit	36,671
Advisory	83,639
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	64,184
Inadequate service	9,437
Ignorance	10,556
No return	15,202
Others	21,697
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	23,436
Ignorance	24,472
No return	5,991
Others	12,233
Supplier of fertilizers	
Government	*
Private organizations	*
Traders	1,331
Unions	87,387
Others	805

**Table 4.4.17: Number of Holders by Type of Farm practice
West Arsi**

Farm Practice	Number of Holders Reporting
Crop rotation	473,247
Reasons for not participating in extension package	
Ignorance	30,775
Shortage of money	40,289
Suspicion on efficacy	11,854
Programs unavailable	116,758
Insufficient arable land	47,739
Others	34,494
Use of services	
Credit	35,202
Advisory	280,600
Reasons for not using credit service	
Service unavailable	158,246
Failure to pay the loan	147,574
Inadequate service	133,722
Ignorance	15,466
No return	24,804
Others	59,916
Reasons for not using advisory service	
Service unavailable	115,318
Inadequate service	132,501
Ignorance	29,144
No return	6,349
Others	*
Supplier of fertilizers	
Government	33,420
Private organizations	32,525
Traders	115,303
Unions	162,406
Others	*

**Table 4.5: Number of Holders by Type of Farm practice
Somalie Region**

Farm Practice	Number of Holders Reporting
Crop rotation	55,958
Reasons for not participating in extension package	
Ignorance	6,953
Shortage of money	*
Suspicion on efficacy	*
Programs unavailable	134,280
Insufficient arable land	*
Others	*
Use of services	
Credit	2,366
Advisory	13,945
Reasons for not using credit service	
Service unavailable	216,115
Failure to pay the loan	*
Inadequate service	53,904
Ignorance	*
No return	*
Others	*
Reasons for not using advisory service	
Service unavailable	190,193
Inadequate service	74,305
Ignorance	*
No return	*
Others	*
Supplier of fertilizers	
Government	*
Private organizations	*
Traders	*
Unions	-
Others	-

**Table 4.5.1 :Number of Holders by Type of Farm practice
Shinele**

Farm Practice	Number of Holders Reporting
Crop rotation	*
Reasons for not participating in extension package	
Ignorance	*
Shortage of money	*
Suspicion on efficacy	*
Programs unavailable	3,858
Insufficient arable land	*
Others	*
Use of services	
Credit	*
Advisory	*
Reasons for not using credit service	
Service unavailable	7,607
Failure to pay the loan	183
Inadequate service	4,546
Ignorance	*
No return	*
Others	*
Reasons for not using advisory service	
Service unavailable	5,789
Inadequate service	3,853
Ignorance	*
No return	*
Others	*
Supplier of fertilizers	
Government	*
Private organizations	*
Traders	*
Unions	-
Others	-

**Table 4.5.2 :Number of Holders by Type of Farm practice
Jijiga**

Farm Practice	Number of Holders Reporting
Crop rotation	48,603
Reasons for not participating in extension package	
Ignorance	1,612
Shortage of money	-
Suspicion on efficacy	-
Programs unavailable	92,729
Insufficient arable land	-
Others	-
Use of services	
Credit	*
Advisory	*
Reasons for not using credit service	
Service unavailable	103,689
Failure to pay the loan	*
Inadequate service	*
Ignorance	*
No return	-
Others	*
Reasons for not using advisory service	
Service unavailable	104,231
Inadequate service	*
Ignorance	*
No return	-
Others	*
Supplier of fertilizers	
Government	*
Private organizations	-
Traders	*
Unions	-
Others	-

**Table 4.5.3: Number of Holders by Type of Farm practice
Liben**

Farm Practice	Number of Holders Reporting
Crop rotation	*
Reasons for not participating in extension package	
Ignorance	*
Shortage of money	*
Suspicion on efficacy	*
Programs unavailable	37,693
Insufficient arable land	*
Others	*
Use of services	
Credit	*
Advisory	*
Reasons for not using credit service	
Service unavailable	104,818
Failure to pay the loan	*
Inadequate service	49,037
Ignorance	*
No return	*
Others	*
Reasons for not using advisory service	
Service unavailable	80,174
Inadequate service	69,815
Ignorance	*
No return	*
Others	*
Supplier of fertilizers	
Government	-
Private organizations	-
Traders	-
Unions	-
Others	-

**Table 4.6: Number of Holders by Type of Farm practice
Benishangul – Gumuz Region**

Farm Practice	Number of Holders Reporting
Crop rotation	195,347
Reasons for not participating in extension package	
Ignorance	34,476
Shortage of money	93,571
Suspicion on efficacy	12,014
Programs unavailable	8,571
Insufficient arable land	8,699
Others	9,687
Use of services	
Credit	18,430
Advisory	143,465
Reasons for not using credit service	
Service unavailable	11,627
Failure to pay the loan	117,575
Inadequate service	38,946
Ignorance	15,273
No return	6,203
Others	31,215
Reasons for not using advisory service	
Service unavailable	7,364
Inadequate service	55,307
Ignorance	23,639
No return	1,403
Others	8,090
Supplier of fertilizers	
Government	29,339
Private organizations	892
Traders	9,629
Unions	31,908
Others	2,131

**Table 4.6.1: Number of Holders by Type of Farm practice
Metekel**

Farm Practice	Number of Holders Reporting
Crop rotation	99,995
Reasons for not participating in extension package	
Ignorance	19,988
Shortage of money	32,771
Suspicion on efficacy	5,053
Programs unavailable	5,812
Insufficient arable land	3,593
Others	5,757
Use of services	
Credit	12,962
Advisory	65,530
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	45,647
Inadequate service	18,598
Ignorance	9,128
No return	3,613
Others	19,988
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	29,988
Ignorance	10,029
No return	1,374
Others	3,572
Supplier of fertilizers	
Government	12,627
Private organizations	788
Traders	4,259
Unions	25,798
Others	1,305

**Table 4.6.2: Number of Holders by Type of Farm practice
Asosa**

Farm Practice	Number of Holders Reporting
Crop rotation	63,480
Reasons for not participating in extension package	
Ignorance	12,751
Shortage of money	39,261
Suspicion on efficacy	5,401
Programs unavailable	*
Insufficient arable land	3,379
Others	*
Use of services	
Credit	3,251
Advisory	55,147
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	55,027
Inadequate service	13,713
Ignorance	4,197
No return	2,425
Others	7,513
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	20,586
Ignorance	9,190
No return	-
Others	1,471
Supplier of fertilizers	
Government	12,130
Private organizations	-
Traders	4,543
Unions	*
Others	*

**Table 4.6.3 :Number of Holders by Type of Farm practice
Kemashi**

Farm Practice	Number of Holders Reporting
Crop rotation	18,966
Reasons for not participating in extension package	
Ignorance	874
Shortage of money	11,206
Suspicion on efficacy	1,056
Programs unavailable	216
Insufficient arable land	1,204
Others	1,289
Use of services	
Credit	1,975
Advisory	11,431
Reasons for not using credit service	
Service unavailable	2,086
Failure to pay the loan	9,409
Inadequate service	3,066
Ignorance	554
No return	*
Others	3,287
Reasons for not using advisory service	
Service unavailable	230
Inadequate service	4,134
Ignorance	1,969
No return	*
Others	2,693
Supplier of fertilizers	
Government	2,382
Private organizations	*
Traders	661
Unions	1,078
Others	*

**Table 4.6.4 :Number of Holders by Type of Farm practice
Mao Komo**

Farm Practice	Number of Holders Reporting
Crop rotation	12,906
Reasons for not participating in extension package	
Ignorance	863
Shortage of money	10,334
Suspicion on efficacy	503
Programs unavailable	*
Insufficient arable land	522
Others	*
Use of services	
Credit	242
Advisory	11,357
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	7,491
Inadequate service	3,569
Ignorance	1,395
No return	*
Others	427
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	599
Ignorance	2,452
No return	-
Others	*
Supplier of fertilizers	
Government	2,201
Private organizations	*
Traders	*
Unions	*
Others	-

**Table 4.7 :Number of Holders by Type of Farm practice
S.N.N.P. Region**

Farm Practice	Number of Holders Reporting
Crop rotation	3,347,803
Reasons for not participating in extension package	
Ignorance	525,754
Shortage of money	874,358
Suspicion on efficacy	370,790
Programs unavailable	246,808
Insufficient arable land	1,136,471
Others	170,315
Use of services	
Credit	1,002,633
Advisory	3,036,029
Reasons for not using credit service	
Service unavailable	216,715
Failure to pay the loan	2,303,395
Inadequate service	670,018
Ignorance	263,669
No return	270,827
Others	467,065
Reasons for not using advisory service	
Service unavailable	194,009
Inadequate service	1,118,792
Ignorance	510,219
No return	130,248
Others	204,475
Supplier of fertilizers	
Government	1,388,164
Private organizations	75,648
Traders	463,736
Unions	50,267
Others	18,913

**Table 4.7.1 :Number of Holders by Type of Farm practice
Gurage**

Farm Practice	Number of Holders Reporting
Crop rotation	211,159
Reasons for not participating in extension package	
Ignorance	42,497
Shortage of money	29,063
Suspicion on efficacy	16,284
Programs unavailable	10,492
Insufficient arable land	42,205
Others	13,507
Use of services	
Credit	94,882
Advisory	200,658
Reasons for not using credit service	
Service unavailable	4,170
Failure to pay the loan	116,224
Inadequate service	20,830
Ignorance	8,577
No return	25,996
Others	21,807
Reasons for not using advisory service	
Service unavailable	9,380
Inadequate service	48,888
Ignorance	15,832
No return	6,750
Others	10,977
Supplier of fertilizers	
Government	105,610
Private organizations	*
Traders	29,506
Unions	*
Others	*

**Table 4.7.2 :Number of Holders by Type of Farm practice
Hadiya**

Farm Practice	Number of Holders Reporting
Crop rotation	286,480
Reasons for not participating in extension package	
Ignorance	63,897
Shortage of money	17,856
Suspicion on efficacy	24,742
Programs unavailable	*
Insufficient arable land	38,809
Others	*
Use of services	
Credit	145,522
Advisory	164,743
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	97,406
Inadequate service	18,257
Ignorance	22,224
No return	13,296
Others	11,081
Reasons for not using advisory service	
Service unavailable	5,557
Inadequate service	73,005
Ignorance	55,648
No return	5,602
Others	9,497
Supplier of fertilizers	
Government	150,568
Private organizations	2,186
Traders	70,867
Unions	-
Others	*

**Table 4.7.3: Number of Holders by Type of Farm practice
Kembata – Tembaro**

Farm Practice	Number of Holders Reporting
Crop rotation	137,503
Reasons for not participating in extension package	
Ignorance	7,231
Shortage of money	21,838
Suspicion on efficacy	3,634
Programs unavailable	*
Insufficient arable land	21,278
Others	3,130
Use of services	
Credit	68,376
Advisory	121,500
Reasons for not using credit service	
Service unavailable	2,434
Failure to pay the loan	55,799
Inadequate service	4,481
Ignorance	*
No return	4,555
Others	10,454
Reasons for not using advisory service	
Service unavailable	3,011
Inadequate service	11,286
Ignorance	7,193
No return	1,867
Others	4,433
Supplier of fertilizers	
Government	69,392
Private organizations	*
Traders	21,263
Unions	*
Others	-

**Table 4.7.4: Number of Holders by Type of Farm practice
Sidama**

Farm Practice	Number of Holders Reporting
Crop rotation	705,839
Reasons for not participating in extension package	
Ignorance	279,671
Shortage of money	283,323
Suspicion on efficacy	95,413
Programs unavailable	207,536
Insufficient arable land	582,579
Others	41,291
Use of services	
Credit	124,407
Advisory	681,849
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	736,476
Inadequate service	350,617
Ignorance	98,803
No return	54,488
Others	199,588
Reasons for not using advisory service	
Service unavailable	138,264
Inadequate service	588,644
Ignorance	186,655
No return	22,154
Others	67,913
Supplier of fertilizers	
Government	309,044
Private organizations	37,426
Traders	203,296
Unions	10,546
Others	*

**Table 4.7.5 Number of Holders by Type of Farm practice
Gedio**

Farm Practice	Number of Holders Reporting
Crop rotation	65,980
Reasons for not participating in extension package	
Ignorance	33,652
Shortage of money	48,485
Suspicion on efficacy	23,182
Programs unavailable	*
Insufficient arable land	183,050
Others	19,700
Use of services	
Credit	12,816
Advisory	80,732
Reasons for not using credit service	
Service unavailable	2,396
Failure to pay the loan	133,664
Inadequate service	118,481
Ignorance	24,132
No return	*
Others	21,248
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	165,492
Ignorance	45,166
No return	15,705
Others	*
Supplier of fertilizers	
Government	12,075
Private organizations	*
Traders	*
Unions	*
Others	-

**Table 4.7.6: Number of Holders by Type of Farm practice
Wolayita**

Farm Practice	Number of Holders Reporting
Crop rotation	484,064
Reasons for not participating in extension package	
Ignorance	9,934
Shortage of money	67,668
Suspicion on efficacy	13,810
Programs unavailable	*
Insufficient arable land	69,844
Others	8,899
Use of services	
Credit	117,138
Advisory	409,036
Reasons for not using credit service	
Service unavailable	7,008
Failure to pay the loan	275,357
Inadequate service	18,335
Ignorance	12,394
No return	15,374
Others	59,631
Reasons for not using advisory service	
Service unavailable	6,998
Inadequate service	28,865
Ignorance	32,924
No return	11,733
Others	15,682
Supplier of fertilizers	
Government	217,687
Private organizations	*
Traders	116,024
Unions	-
Others	*

**Table 4.7.7 : Number of Holders by Type of Farm practice
South Omo**

Farm Practice	Number of Holders Reporting
Crop rotation	106,503
Reasons for not participating in extension package	
Ignorance	8,824
Shortage of money	43,676
Suspicion on efficacy	30,248
Programs unavailable	*
Insufficient arable land	13,623
Others	*
Use of services	
Credit	20,006
Advisory	129,232
Reasons for not using credit service	
Service unavailable	40,734
Failure to pay the loan	68,733
Inadequate service	14,448
Ignorance	*
No return	12,985
Others	8,083
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	22,494
Ignorance	9,958
No return	7,876
Others	*
Supplier of fertilizers	
Government	25,623
Private organizations	-
Traders	-
Unions	-
Others	*

**Table 4.7.8 :Number of Holders by Type of Farm practice
Sheka**

Farm Practice	Number of Holders Reporting
Crop rotation	55,399
Reasons for not participating in extension package	
Ignorance	4,993
Shortage of money	26,036
Suspicion on efficacy	22,214
Programs unavailable	862
Insufficient arable land	19,946
Others	11,724
Use of services	
Credit	13,664
Advisory	50,294
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	44,898
Inadequate service	8,011
Ignorance	4,143
No return	5,647
Others	15,565
Reasons for not using advisory service	
Service unavailable	3,582
Inadequate service	17,443
Ignorance	7,537
No return	3,880
Others	11,633
Supplier of fertilizers	
Government	6,393
Private organizations	-
Traders	-
Unions	*
Others	-

**Table 4.7.9 :Number of Holders by Type of Farm practice
Keffa**

Farm Practice	Number of Holders Reporting
Crop rotation	306,588
Reasons for not participating in extension package	
Ignorance	33,726
Shortage of money	102,726
Suspicion on efficacy	82,981
Programs unavailable	*
Insufficient arable land	43,885
Others	13,192
Use of services	
Credit	47,894
Advisory	213,252
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	188,965
Inadequate service	33,355
Ignorance	17,534
No return	34,718
Others	46,260
Reasons for not using advisory service	
Service unavailable	4,226
Inadequate service	79,667
Ignorance	34,983
No return	28,357
Others	16,568
Supplier of fertilizers	
Government	63,727
Private organizations	*
Traders	-
Unions	*
Others	*

**Table 4.7.10: Number of Holders by Type of Farm practice
GamoGofa**

Farm Practice	Number of Holders Reporting
Crop rotation	364,583
Reasons for not participating in extension package	
Ignorance	10,865
Shortage of money	74,433
Suspicion on efficacy	16,487
Programs unavailable	-
Insufficient arable land	26,410
Others	22,583
Use of services	
Credit	133,233
Advisory	426,207
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	256,042
Inadequate service	28,575
Ignorance	14,951
No return	42,086
Others	26,054
Reasons for not using advisory service	
Service unavailable	4,353
Inadequate service	11,288
Ignorance	38,408
No return	9,475
Others	22,538
Supplier of fertilizers	
Government	126,000
Private organizations	-
Traders	-
Unions	-
Others	*

**Table 4.7.11: Number of Holders by Type of Farm practice
Benchi – Maji**

Farm Practice	Number of Holders Reporting
Crop rotation	75,724
Reasons for not participating in extension package	
Ignorance	4,262
Shortage of money	67,159
Suspicion on efficacy	11,987
Programs unavailable	*
Insufficient arable land	21,204
Others	7,789
Use of services	
Credit	23,914
Advisory	104,924
Reasons for not using credit service	
Service unavailable	2,319
Failure to pay the loan	101,542
Inadequate service	18,659
Ignorance	3,066
No return	6,298
Others	11,494
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	27,189
Ignorance	26,434
No return	3,960
Others	2,796
Supplier of fertilizers	
Government	43,305
Private organizations	-
Traders	-
Unions	*
Others	-

**Table 4.7.12 :Number of Holders by Type of Farm practice
Yem Special Wereda**

Farm Practice	Number of Holders Reporting
Crop rotation	27,471
Reasons for not participating in extension package	
Ignorance	568
Shortage of money	1,471
Suspicion on efficacy	*
Programs unavailable	*
Insufficient arable land	2,311
Others	691
Use of services	
Credit	8,004
Advisory	25,628
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	9,290
Inadequate service	*
Ignorance	2,175
No return	1,490
Others	4,853
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	*
Ignorance	587
No return	*
Others	1,097
Supplier of fertilizers	
Government	3,389
Private organizations	*
Traders	*
Unions	11,712
Others	*

**Table 4.7.13: Number of Holders by Type of Farm practice
Segeen Peoples**

Farm Practice	Number of Holders Reporting
Crop rotation	70,179
Reasons for not participating in extension package	
Ignorance	2,229
Shortage of money	31,516
Suspicion on efficacy	6,832
Programs unavailable	*
Insufficient arable land	14,323
Others	4,363
Use of services	
Credit	7,475
Advisory	45,137
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	50,978
Inadequate service	10,564
Ignorance	1,639
No return	5,846
Others	6,122
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	17,996
Ignorance	9,146
No return	*
Others	6,391
Supplier of fertilizers	
Government	16,362
Private organizations	*
Traders	*
Unions	-
Others	*

**Table 4.7.14: Number of Holders by Type of Farm practice
Dawro**

Farm Practice	Number of Holders Reporting
Crop rotation	133,043
Reasons for not participating in extension package	
Ignorance	6,961
Shortage of money	38,239
Suspicion on efficacy	11,573
Programs unavailable	*
Insufficient arable land	26,981
Others	*
Use of services	
Credit	37,044
Advisory	105,762
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	72,892
Inadequate service	9,581
Ignorance	12,829
No return	7,515
Others	1,088
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	6,941
Ignorance	22,165
No return	4,954
Others	*
Supplier of fertilizers	
Government	59,222
Private organizations	*
Traders	3,640
Unions	*
Others	-

**Table 4.7.15 :Number of Holders by Type of Farm practice
Basketo Special Wereda**

Farm Practice	Number of Holders Reporting
Crop rotation	13,354
Reasons for not participating in extension package	
Ignorance	356
Shortage of money	4,172
Suspicion on efficacy	865
Programs unavailable	-
Insufficient arable land	1,812
Others	222
Use of services	
Credit	3,164
Advisory	11,613
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	8,067
Inadequate service	1,722
Ignorance	875
No return	773
Others	720
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	1,603
Ignorance	1,397
No return	280
Others	463
Supplier of fertilizers	
Government	3,816
Private organizations	-
Traders	*
Unions	-
Others	*

**Table 4.7.16: Number of Holders by Type of Farm practice
Konta Special Wereda**

Farm Practice	Number of Holders Reporting
Crop rotation	49,404
Reasons for not participating in extension package	
Ignorance	8,413
Shortage of money	7,549
Suspicion on efficacy	3,377
Programs unavailable	*
Insufficient arable land	11,547
Others	*
Use of services	
Credit	10,946
Advisory	42,277
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	30,801
Inadequate service	*
Ignorance	2,332
No return	2,681
Others	2,274
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	1,929
Ignorance	5,068
No return	*
Others	1,552
Supplier of fertilizers	
Government	16,028
Private organizations	-
Traders	788
Unions	-
Others	*

**Table 4.7.17: Number of Holders by Type of Farm practice
Silitie**

Farm Practice	Number of Holders Reporting
Crop rotation	192,196
Reasons for not participating in extension package	
Ignorance	*
Shortage of money	6,194
Suspicion on efficacy	5,566
Programs unavailable	*
Insufficient arable land	13,650
Others	*
Use of services	
Credit	93,174
Advisory	166,752
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	43,564
Inadequate service	4,783
Ignorance	10,807
No return	26,173
Others	19,507
Reasons for not using advisory service	
Service unavailable	*
Inadequate service	13,652
Ignorance	7,265
No return	*
Others	7,013
Supplier of fertilizers	
Government	109,195
Private organizations	2,275
Traders	10,526
Unions	-
Others	*

**Table 4.7.18: Number of Holders by Type of Farm practice
Alaba Special Wereda**

Farm Practice	Number of Holders Reporting
Crop rotation	62,334
Reasons for not participating in extension package	
Ignorance	3,805
Shortage of money	2,954
Suspicion on efficacy	*
Programs unavailable	-
Insufficient arable land	3,014
Others	*
Use of services	
Credit	40,975
Advisory	56,433
Reasons for not using credit service	
Service unavailable	*
Failure to pay the loan	12,695
Inadequate service	*
Ignorance	*
No return	-
Others	1,236
Reasons for not using advisory service	
Service unavailable	1,271
Inadequate service	1,777
Ignorance	3,854
No return	*
Others	*
Supplier of fertilizers	
Government	50,728
Private organizations	*
Traders	5,323
Unions	-
Others	-

**Table 4.8 :Number of Holders by Type of Farm practice
Gambella Region**

Farm Practice	Number of Holders Reporting
Crop rotation	12,497
Reasons for not participating in extension package	
Ignorance	15,669
Shortage of money	2,072
Suspicion on efficacy	5,370
Programs unavailable	26,455
Insufficient arable land	2,433
Others	13,449
Use of services	
Credit	*
Advisory	22,017
Reasons for not using credit service	
Service unavailable	51,375
Failure to pay the loan	5,710
Inadequate service	7,523
Ignorance	2,052
No return	1,263
Others	1,254
Reasons for not using advisory service	
Service unavailable	17,037
Inadequate service	19,104
Ignorance	9,352
No return	1,138
Others	1,736
Supplier of fertilizers	
Government	-
Private organizations	-
Traders	*
Unions	-
Others	-

**Table 4.8.1 :Number of Holders by Type of Farm practice
Agnuake**

Farm Practice	Number of Holders Reporting
Crop rotation	4,951
Reasons for not participating in extension package	
Ignorance	6,165
Shortage of money	*
Suspicion on efficacy	*
Programs unavailable	9,001
Insufficient arable land	*
Others	8,353
Use of services	
Credit	*
Advisory	8,953
Reasons for not using credit service	
Service unavailable	25,787
Failure to pay the loan	*
Inadequate service	*
Ignorance	*
No return	*
Others	*
Reasons for not using advisory service	
Service unavailable	6,115
Inadequate service	10,026
Ignorance	2,115
No return	*
Others	576
Supplier of fertilizers	
Government	-
Private organizations	-
Traders	*
Unions	-
Others	-

**Table 4.8.2 :Number of Holders by Type of Farm practice
Nuware**

Farm Practice	Number of Holders Reporting
Crop rotation	109
Reasons for not participating in extension package	
Ignorance	5,451
Shortage of money	*
Suspicion on efficacy	3,206
Programs unavailable	2,639
Insufficient arable land	-
Others	*
Use of services	
Credit	*
Advisory	1,675
Reasons for not using credit service	
Service unavailable	8,948
Failure to pay the loan	*
Inadequate service	773
Ignorance	*
No return	*
Others	*
Reasons for not using advisory service	
Service unavailable	853
Inadequate service	3,437
Ignorance	5,703
No return	*
Others	*
Supplier of fertilizers	
Government	-
Private organizations	-
Traders	-
Unions	-
Others	-

**Table 4.8.3: Number of Holders by Type of Farm practice
Mezenger**

Farm Practice	Number of Holders Reporting
Crop rotation	7,334
Reasons for not participating in extension package	
Ignorance	3,663
Shortage of money	*
Suspicion on efficacy	1,665
Programs unavailable	13,688
Insufficient arable land	1,683
Others	3,201
Use of services	
Credit	*
Advisory	9,414
Reasons for not using credit service	
Service unavailable	13,137
Failure to pay the loan	3,890
Inadequate service	5,722
Ignorance	623
No return	1,138
Others	890
Reasons for not using advisory service	
Service unavailable	8,558
Inadequate service	5,363
Ignorance	*
No return	*
Others	*
Supplier of fertilizers	
Government	-
Private organizations	-
Traders	-
Unions	-
Others	-

**Table 4.8.4: Number of Holders by Type of Farm practice
Itang Special**

Farm Practice	Number of Holders Reporting
Crop rotation	103
Reasons for not participating in extension package	
Ignorance	390
Shortage of money	-
Suspicion on efficacy	-
Programs unavailable	1,126
Insufficient arable land	189
Others	1,203
Use of services	
Credit	59
Advisory	1,976
Reasons for not using credit service	
Service unavailable	3,503
Failure to pay the loan	-
Inadequate service	252
Ignorance	91
No return	9
Others	-
Reasons for not using advisory service	
Service unavailable	1,511
Inadequate service	277
Ignorance	133
No return	18
Others	-
Supplier of fertilizers	
Government	-
Private organizations	-
Traders	-
Unions	-
Others	-

**Table 4.9: Number of Holders by Type of Farm practice
Harari Region**

Farm Practice	Number of Holders Reporting
Crop rotation	12,992
Reasons for not participating in extension package	
Ignorance	*
Shortage of money	8,678
Suspicion on efficacy	1,434
Programs unavailable	1,836
Insufficient arable land	2,288
Others	3,050
Use of services	
Credit	*
Advisory	20,000
Reasons for not using credit service	
Service unavailable	5,535
Failure to pay the loan	1,675
Inadequate service	24,504
Ignorance	894
No return	*
Others	1,402
Reasons for not using advisory service	
Service unavailable	2,096
Inadequate service	11,972
Ignorance	*
No return	470
Others	*
Supplier of fertilizers	
Government	*
Private organizations	3,680
Traders	1,133
Unions	8,759
Others	278

**Table 4.10: Number of Holders by Type of Farm practice
Dire Dawa**

Farm Practice	Number of Holders Reporting
Crop rotation	2,436
Reasons for not participating in extension package	
Ignorance	3,324
Shortage of money	3,965
Suspicion on efficacy	5,980
Programs unavailable	6,249
Insufficient arable land	2,408
Others	3,452
Use of services	
Credit	*
Advisory	4,786
Reasons for not using credit service	
Service unavailable	6,248
Failure to pay the loan	3,395
Inadequate service	19,200
Ignorance	*
No return	*
Others	1,700
Reasons for not using advisory service	
Service unavailable	6,927
Inadequate service	18,751
Ignorance	1,125
No return	*
Others	*
Supplier of fertilizers	
Government	351
Private organizations	*
Traders	767
Unions	*
Others	*

Table 5: Number of Holders and Area of Irrigated land by Source of Water, 2016/17

Geographic Area		Source of Water					
		River	Lake	Pond	Water Harvest	Others	Total
Ethiopia	Holders	1,503,234	51,260	222,318	151,455	248,818	2,104,545
	Hectare	161,386	4,068	13,120	7,263	9,538	195,374
Tigray Region	Holders	103,523	2,733	22,995	46,557	18,364	180,853
	Hectare	8,625	106	1,221	1,341	*	11,569
North West Tigray	Holders	19,518	-	6,861	7,071	*	33,367
	Hectare	213	-	*	*	*	885
Central Tigray	Holders	27,382	*	5,739	14,584	2,133	48,760
	Hectare	1,891	*	*	659	*	2,831
East Tigray	Holders	12,576	*	4,644	17,411	9,322	40,285
	Hectare	*	*	158	*	28	*
South Tigray	Holders	37,274	*	*	5,674	3,319	45,419
	Hectare	4,413	*	*	*	*	4,884
Western Tigray	Holders	6,773	*	4,342	1,818	861	13,022
	Hectare	*	*	161	*	*	733
Afar Region	Holders	184,436	*	-	-	-	184,953
	Hectare	8,971	*	-	-	-	8,995
Zone 1	Holders	182,926	*	-	-	-	183,443
	Hectare	7,232	*	-	-	-	7,256
Zone 3	Holders	1,509	-	-	-	-	1,509
	Hectare	1,739	-	-	-	-	1,739
Amhara Region	Holders	594,082	15,888	10,993	25,984	159,998	780,365
	Hectare	51,771	1,567	173	*	3,954	58,251
North Gonder	Holders	74,011	*	*	*	*	79,351
	Hectare	3,409	*	*	*	*	3,911
South Gonder	Holders	62,935	*	-	4,183	*	70,410
	Hectare	2,690	*	-	*	*	3,163
North Wollo	Holders	64,141	3,259	1,373	*	*	78,047
	Hectare	*	*	*	*	*	*
South Wollo	Holders	43,526	*	*	*	*	66,554
	Hectare	2,724	*	*	*	97	3,285
North Shewa	Holders	89,404	6,043	-	*	15,463	105,175
	Hectare	*	*	-	*	*	*
East Gojjam	Holders	63,445	-	*	*	26,835	88,960
	Hectare	2,552	-	*	*	*	4,011
West Gojjam	Holders	113,866	*	*	*	72,687	185,843
	Hectare	7,394	*	*	*	1,765	9,275
Waghamera	Holders	6,924	*	-	*	620	7,967
	Hectare	*	*	-	*	*	714
Awi	Holders	55,093	1,712	*	*	*	70,287
	Hectare	3,753	*	*	*	*	3,947
Oromia Zone	Holders	20,249	*	*	*	*	27,118
	Hectare	1,628	*	*	*	*	1,823
Argoba Special	Holders	488	*	*	-	*	653
	Hectare	73	*	*	-	*	76
Oromia Region	Holders	427,042	24,647	178,335	*	48,447	719,530
	Hectare	40,751	*	10,807	*	4,137	61,861
West Welega	Holders	*	-	*	-	-	7,579
	Hectare	*	-	*	-	-	258
East Welega	Holders	6,346	*	*	-	-	6,983
	Hectare	915	*	*	-	-	972
Illubabor	Holders	*	*	-	-	*	6,915
	Hectare	*	*	-	-	*	*
Jimma	Holders	5,476	*	*	-	*	8,842
	Hectare	*	*	*	-	*	*
West Shewa	Holders	20,374	-	-	*	-	21,443
	Hectare	*	-	-	*	-	*
North Shewa	Holders	14,368	*	*	*	*	17,107
	Hectare	*	*	*	*	*	545

Table 5 (cont'd)

Geographic Area		Source of Water					
		River	Lake	Pond	Water Harvest	Others	Total
East Shewa	Holdings	*	*	-	-	*	18,505
	Hectare	*	*	-	-	*	*
Arsi	Holdings	*	*	*	*	*	26,154
	Hectare	*	*	*	*	*	*
West Harerge	Holdings	168,709	*	*	-	*	204,838
	Hectare	14,073	*	*	-	*	16,061
East Harerge	Holdings	123,749	*	156,317	*	*	352,372
	Hectare	9,725	*	9,882	*	*	25,161
Bale	Holdings	11,984	*	-	*	1,391	13,889
	Hectare	1,884	*	-	*	*	2,469
Borena	Holdings	*	*	-	-	*	1,658
	Hectare	*	*	-	-	*	*
South West Shewa	Holdings	18,416	*	-	*	-	19,863
	Hectare	*	*	-	*	-	750
Guji	Holdings	*	-	-	-	-	*
	Hectare	*	-	-	-	-	*
West Arsi	Holdings	*	-	-	*	*	5,554
	Hectare	*	-	-	*	*	*
Kelem	Holdings	2,276	-	*	-	*	2,948
	Hectare	*	-	*	-	*	*
Horoguduru	Holdings	1,742	-	-	-	-	1,742
	Hectare	131	-	-	-	-	131
Somali Region	Holdings	*	-	-	-	*	*
	Hectare	*	-	-	-	*	*
Shinele	Holdings	3,579	-	-	-	*	3,896
	Hectare	1,139	-	-	-	*	1,176
Jijiga	Holdings	*	-	-	-	-	*
	Hectare	*	-	-	-	-	*
Liben	Holdings	8,186	*	-	*	*	9,001
	Hectare	921	*	-	*	*	929
Benishangul Gumze	Holdings	*	-	-	*	*	5,346
	Hectare	*	-	-	*	*	*
Metekel Zone	Holdings	3,284	-	-	-	-	3,284
	Hectare	186	-	-	-	-	186
Asosa	Holdings	*	-	-	-	-	*
	Hectare	*	-	-	-	-	*
Kemashi	Holdings	219	*	-	-	-	248
	Hectare	*	*	-	-	-	*
Mao Komo	Holdings	162,160	7,121	6,881	8,114	*	198,670
	Hectare	43,276	168	355	*	*	44,695
S.N.N.P Region	Holdings	6,288	*	*	*	*	*
	Hectare	*	*	*	*	*	*
Gurage	Holdings	*	*	*	*	-	2,931
	Hectare	*	*	*	*	-	*
Hadiya	Holdings	*	*	-	-	-	*
	Hectare	*	*	-	-	-	*
Kembata Temb.	Holdings	*	*	*	-	-	*
	Hectare	*	*	*	-	-	*
Sidama	Holdings	*	*	-	*	-	3,826
	Hectare	*	*	-	*	-	*
Gedio	Holdings	-	-	-	*	*	*
	Hectare	-	-	-	*	*	*
Wolayita	Holdings	*	-	*	*	-	*
	Hectare	*	-	*	*	-	*
South Omo	Holdings	*	-	-	-	*	*
	Hectare	*	-	-	-	*	*
Sheka	Holdings	*	-	-	-	-	*
	Hectare	*	-	-	-	-	*

Table 5 (cont'd)

Geographic Area		Source of Water					
		River	Lake	Pond	Water Harvest	Others	Total
Keffa	Holders	*	-	-	-	-	*
	Hectare	*	-	-	-	-	*
Gamo - Gofa	Holders	*	*	*	-	-	37,747
	Hectare	*	*	*	-	-	*
Benchi – Maji	Holders	905	*	*	-	*	1,875
	Hectare	*	*	*	-	*	*
Yem	Holders	509	*	-	-	-	654
	Hectare	*	*	-	-	-	22
Segen Peoples	Holders	12,171	*	-	-	*	12,377
	Hectare	*	*	-	-	*	*
Dawro	Holders	*	-	-	-	-	*
	Hectare	*	-	-	-	-	*
Basketo	Holders	*	*	*	*	*	744
	Hectare	*	*	*	*	*	*
Konta	Holders	*	-	*	*	-	*
	Hectare	*	-	*	*	-	*
Silitie	Holders	*	-	*	*	*	*
	Hectare	*	-	*	*	*	*
Alaba	Holders	*	-	-	-	-	*
	Hectare	*	-	-	-	-	*
Gambella Region	Holders	948	*	-	*	*	1,118
	Hectare	*	*	-	*	*	*
Agnuwak	Holders	*	*	-	*	*	*
	Hectare	*	*	-	*	*	*
Nuware	Holders						
	Hectare						
Mezenger	Holders	*	-	-	-	-	*
	Hectare	*	-	-	-	-	*
Itang Special	Holders						
	Hectare						
Harari Region	Holders	5,646	*	2,976	2,998	*	11,894
	Hectare	1,153	*	551	846	*	3,057
Dire Dawa	Holders	5,804	-	*	-	*	6,438
	Hectare	1,230	-	*	-	*	1,290

Table 6: Area of Irrigated land by Crop and Source of Water, 2016/17

Ethiopia

Ethiopia	Source of Water					
Crop type	River	Lake	Pond	Water Harvest	Others	Total
All	161,386	4,068	13,120	7,263	9,538	195,374
Cereals	54,738	2,963	1,481	1,137	1,609	61,928
Teff	9,149	*	*	281	*	10,269
Barley	1,516	*	*	*	*	2,494
Wheat	2,899	*	*	*	-	3,812
Maize	26,140	*	225	285	*	28,943
Sorghum	13,844	*	*	175	*	15,106
Finger millet	*	-	*	*	-	503
Oats/'Aja'	*	-	-	-	-	*
Rice	*	-	-	-	-	*
Pulse	3,716	*	*	*	*	4,448
Horse/Faba beans	269	*	*	*	-	350
Field peas	*	-	-	-	-	*
White Haricot beans	99	*	-	-	-	*
Red Haricot beans	*	-	*	-	*	*
Chick peas	998	*	*	-	-	1,159
Lentiles	*	-	-	*	*	*
Vetch/Grass peas	-	*	-	-	-	*
Soya beans	*	-	-	-	-	*
Fenugreek	75	*	*	*	*	146
Mung bean/"Masho"	*	-	-	-	-	*
Gibto	-	-	-	-	-	-
Oil Seeds	693	*	*	*	*	919
Nueg	*	-	-	-	-	*
Linseed	*	-	*	*	-	*
Ground nuts	*	*	*	*	*	298
Safflower	*	-	-	*	-	*
Sesame	128	*	-	-	-	141
Rapeseed	*	-	-	*	*	*
Vegetables	7,004	*	540	260	384	8,441
Lettuce	*	-	*	5	-	*
Head Cabbage	623	*	*	*	*	907
Ethiopian Cabbage	256	*	*	32	*	626
Tomatoes	2,357	*	*	*	*	2,760
Green peppers	1,193	*	5	*	77	1,302
Red papers	2,494	*	*	*	71	2,716
Swiss chard	*	-	*	*	*	68
Root Crops	21,032	*	1,082	280	*	23,954
Beet root	117	-	*	*	*	*
Carrot	250	-	*	*	*	389
Onion	12,994	*	*	29	288	13,476
Potatoes	3,254	*	*	*	*	4,785
Yam	*	-	-	-	-	*
Garlic	1,324	*	*	103	60	1,531
Taro/'Godere'	*	*	-	*	*	57
Sweet potatoes	3,031	*	*	*	*	3,213
Other Temporary	*	*	*	12	64	*
Fruit Crops	*	41	398	333	384	21,144
Avocado	*	-	*	*	31	*
Bananas	*	*	143	*	96	*
Guava	254	*	48	66	10	391
Lemons	491	*	*	22	38	595
Mangos	1,245	*	*	39	87	1,472
Oranges	445	*	30	*	60	554
Papayas	682	*	*	43	62	821
Pineapples	-	-	*	-	*	*
Stimulant Crops	36,908	183	9,042	4,699	4,912	55,744
Chat	24,652	116	7,869	3,352	2,932	38,921
Coffee	9,105	*	*	*	*	12,385
Hops/'Gesho'	3,151	*	188	227	867	4,438
Enset	*	*	*	*	*	*
Sugar Cane	6,882	*	272	*	*	7,826
Other Permanent	2,322	*	*	*	*	2,579

**Table 6.1: Area of Irrigated land by Crop and Source of Water
Tigray**

Crop type	Source of Water					
	River	Lake	Pond	Water Harvest	Others	Total
All	8,625	106	1,221	1,341	*	11,569
Cereals	4,351	*	318	679	*	5,472
Teff	1,050	-	*	*	-	1,349
Barley	*	-	-	*	-	241
Wheat	1,372	*	*	*	-	1,656
Maize	1,045	*	*	*	*	1,357
Sorghum	666	-	*	*	-	719
Finger millet	*	-	*	*	-	151
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	98	*	*	*	*	193
Horse/Faba beans	*	*	*	*	-	21
Field peas	*	-	-	-	-	*
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-
Chick peas	*	-	*	-	-	*
Lentiles	-	-	-	*	-	*
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	*	-	-	*	*	32
Mung bean/'Masho"	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oile Seeds	148	-	-	*	-	149
Nueg	*	-	-	-	-	*
Linseed	*	-	-	-	-	*
Ground nuts	-	-	-	-	-	-
Safflower	*	-	-	*	-	*
Sesame	*	-	-	-	-	*
Rapeseed	*	-	-	*	-	*
Vegetables	670	*	*	*	8	1,160
Lettuce	*	-	*	4	-	*
Head Cabbage	*	-	*	*	*	79
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	185	*	*	*	*	541
Green peppers	240	-	*	*	*	265
Red papers	*	*	19	5	*	199
Swiss chard	*	-	*	*	*	*
Root Crops	937	*	*	125	*	1,209
Beet root	-	-	*	-	-	*
Carrot	*	-	*	*	-	*
Onion	484	*	*	*	*	564
Potatoes	*	-	*	*	-	*
Yam	-	-	-	-	-	-
Garlic	277	*	*	*	*	345
Taro/'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	*	-	*	*	*	13
Fruit Crops	600	*	250	99	*	971
Avocado	*	-	*	*	-	10
Bananas	96	-	*	*	-	159
Guava	136	*	*	*	*	249
Lemons	25	-	*	*	*	68
Mangos	*	-	*	*	*	252
Oranges	114	-	*	*	-	140
Papayas	*	*	*	*	-	*
Pineapples	-	-	*	-	-	*
Stimulant Crops	*	*	169	169	57	*
Chat	*	-	-	*	*	*
Coffee	77	-	*	*	*	86
Hops/'Geshe'	569	*	165	150	45	933
Enset	*	-	-	-	-	*
Sugar Cane	-	-	*	*	-	*
Other Permanent	57	*	*	*	*	235

Table 6.2: Area of Irrigated land by Crop and Source of Water
Afar

Crop type	Source of Water					
	River	Lake	Pond	Water Harvest	Others	Total
All	8,971	*	-	-	-	8,995
Cereals	4,954	*	-	-	-	4,979
Teff	-	-	-	-	-	-
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	4,418	*	-	-	-	4,443
Sorghum	*	-	-	-	-	*
Finger millet	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	*	-	-	-	-	*
Horse/Faba beans	-	-	-	-	-	-
Field peas	*	-	-	-	-	*
White Haricot beans	*	-	-	-	-	*
Red Haricot beans	*	-	-	-	-	*
Chick peas	*	-	-	-	-	*
Lentiles	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/"Masho"	*	-	-	-	-	*
Gibto	-	-	-	-	-	-
Oile seeds	*	-	-	-	-	*
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	*	-	-	-	-	*
Rapeseed	*	-	-	-	-	*
Vegetables	1,044	-	-	-	-	1,044
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	*	-	-	-	-	*
Green peppers	*	-	-	-	-	*
Red papers	*	-	-	-	-	*
Swiss chard	-	-	-	-	-	-
Root crops	*	-	-	-	-	*
Beet root	*	-	-	-	-	*
Carrot	-	-	-	-	-	-
Onion	*	-	-	-	-	*
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro 'Godere'	-	-	-	-	-	-
Sweet potatoes	*	-	-	-	-	*
Other Temporary	*	-	-	-	-	*
Fruit Crops	118	-	-	-	-	118
Avocado	-	-	-	-	-	-
Bananas	*	-	-	-	-	*
Guava	*	-	-	-	-	*
Lemons	*	-	-	-	-	*
Mangos	30	-	-	-	-	30
Oranges	-	-	-	-	-	-
Papayas	*	-	-	-	-	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	-	-	-	-	-	-
Chat	-	-	-	-	-	-
Coffee	-	-	-	-	-	-
Hops/'Geshe'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-
Other Permanent	1,640	-	-	-	-	1,640

**Table 6.3: Area of Irrigated land by Crop and Source of Water
Amhara**

Amhara	Source of Water					
Crop type	River	Lake	Pond	Water Harvest	Others	Total
All	51,771	1,567	173	*	3,954	58,251
Cereals	23,065	1,101	*	*	*	24,868
Teff	*	*	-	*	-	*
Barley	963	*	-	-	*	1,611
Wheat	1,039	*	-	-	-	1,092
Maize	6,223	*	*	*	*	6,557
Sorghum	*	*	-	-	-	*
Finger millet	*	-	-	*	-	*
Oats/ 'Aja'	*	-	-	-	-	*
Rice	*	-	-	-	-	*
Pulse	1,278	*	*	-	*	1,658
Horse/Faba beans	152	-	-	-	-	152
Field peas	-	-	-	-	-	-
White Haricot beans	-	*	-	-	-	*
Red Haricot beans	*	-	-	-	*	*
Chick peas	772	-	-	-	-	772
Lentiles	*	-	-	-	-	*
Vetch/Grass peas	-	*	-	-	-	*
Soya beans	-	-	-	-	-	-
Fenugreek	*	*	*	-	*	*
Mung bean/"Masho"	*	-	-	-	-	*
Gibto	-	-	-	-	-	-
Oile seeds	231	*	-	-	*	245
Nueg	*	-	-	-	-	*
Linseed	*	-	-	-	-	*
Ground nuts	*	-	-	-	-	*
Safflower	*	-	-	-	-	*
Sesame	*	*	-	-	-	*
Rapeseed	*	-	-	-	*	*
Vegetables	2,975	*	*	36	155	3,187
Lettuce	*	-	-	*	-	*
Head Cabbage	288	-	-	*	*	353
Ethiopian Cabbage	53	-	*	*	*	64
Tomatoes	506	-	*	*	*	514
Green peppers	*	-	*	*	*	572
Red papers	1,610	*	*	*	*	1,669
Swiss chard	*	-	-	*	*	11
Root crops	10,851	*	*	*	*	12,118
Beet root	65	-	*	-	*	*
Carrot	*	-	*	*	*	229
Onion	*	-	*	*	*	*
Potatoes	2,537	*	*	*	*	3,421
Yam	-	-	-	-	-	-
Garlic	761	*	*	*	56	876
Taro 'Godere'	-	-	-	-	-	-
Sweet potatoes	*	-	-	*	-	*
Other Temporary	*	-	*	*	51	*
Fruit Crops	1,836	*	*	*	198	2,115
Avocado	*	-	-	*	22	72
Bananas	908	*	*	*	33	967
Guava	76	*	*	*	*	83
Lemons	*	-	-	*	19	220
Mangos	327	*	*	*	64	413
Oranges	120	-	*	*	22	157
Papayas	165	*	-	*	*	203
Pineapples	-	-	-	-	-	-
Stimulant Crops	8,801	*	*	*	1,778	11,132
Chat	2,947	*	*	*	*	3,990
Coffee	3,467	*	*	53	291	3,875
Hops/'Gesho'	2,387	*	*	*	796	3,267
Enset	-	-	-	-	-	-
Sugar Cane	1,515	-	*	*	*	1,584
Other Permanent	245	*	*	*	53	306

Table 6.4: Area of Irrigated land by Crop and Source of Water
Oromia

Crop type	Source of Water					
	River	Lake	Pond	Water Harvest	Others	Total
All	40,751	*	10,807	*	4,137	61,861
Cereals	12,340	*	*	*	*	16,035
Teff	*	-	*	-	*	*
Barley	*	-	*	-	*	*
Wheat	*	*	-	-	-	839
Maize	7,546	*	*	*	*	9,451
Sorghum	1,772	*	*	-	*	2,663
Finger millet	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-
Rice	*	-	-	-	-	*
Pulse	383	*	*	*	*	625
Horse/Faba beans	*	-	*	*	-	*
Field peas	*	-	-	-	-	*
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	*	*
Chick peas	*	*	-	-	-	*
Lentiles	*	-	-	-	*	*
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	*	-	*	-	-	*
Mung bean/"Masho"	*	-	-	-	-	*
Gibto	-	-	-	-	-	-
Oile seeds	*	-	*	*	-	*
Nueg	-	-	-	-	-	-
Linseed	*	-	*	*	-	*
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	*	-	-	-	-	*
Vegetables	1,126	*	*	*	*	1,511
Lettuce	-	-	-	-	-	-
Head Cabbage	*	*	-	-	*	*
Ethiopian Cabbage	*	*	*	*	*	*
Tomatoes	402	-	*	-	*	424
Green peppers	*	*	*	*	*	*
Red papers	*	*	*	*	*	*
Swiss chard	*	-	-	-	-	*
Root crops	5,778	-	*	*	*	7,061
Beet root	16	-	*	-	*	*
Carrot	*	-	-	-	-	*
Onion	3,350	-	*	*	*	3,626
Potatoes	*	-	*	-	*	1,080
Yam	-	-	-	-	-	-
Garlic	284	-	*	*	*	302
Taro 'Godere'	*	-	-	-	-	*
Sweet potatoes	*	-	*	*	-	1,751
Other Temporary	*	*	*	*	-	*
Fruit Crops	1,116	*	*	*	*	1,387
Avocado	29	-	-	-	-	29
Bananas	897	*	*	*	*	1,111
Guava	*	-	*	-	*	16
Lemons	*	-	*	-	-	*
Mangos	161	-	*	*	*	180
Oranges	*	-	*	-	*	*
Papayas	13	*	*	*	-	26
Pineapples	-	-	-	-	-	-
Stimulant Crops	16,994	*	8,432	*	*	31,244
Chat	13,955	*	7,488	*	*	25,608
Coffee	2,851	-	*	*	*	5,421
Hops/'Gesho'	*	-	*	*	*	*
Enset	*	*	-	-	-	*
Sugar Cane	2,620	-	*	*	*	3,384
Other Permanent	52	*	*	*	*	56

**Table 6.5: Area of Irrigated land by Crop and Source of Water
Somalie**

Crop type	Source of Water					
	River	Lake	Pond	Water Harvest	Others	Total
All	*	-	-	-	*	*
Cereals	*	-	-	-	*	*
Teff	-	-	-	-	-	-
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	*	-	-	-	*	*
Sorghum	*	-	-	-	*	*
Finger millet	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	*	-	-	-	-	*
Horse/Faba beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
White Haricot beans	*	-	-	-	-	*
Red Haricot beans	*	-	-	-	-	*
Chick peas	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/"Masho"	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oile seeds	*	-	-	-	-	*
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	*	-	-	-	-	*
Rapeseed	-	-	-	-	-	-
Vegetables	*	-	-	-	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	*	-	-	-	-	*
Green peppers	*	-	-	-	*	*
Red papers	-	-	-	-	*	*
Swiss chard	*	-	-	-	-	*
Root crops	*	-	-	-	*	*
Beet root	*	-	-	-	-	*
Carrot	*	-	-	-	-	*
Onion	*	-	-	-	*	*
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro 'Godere'	-	-	-	-	-	-
Sweet potatoes	*	-	-	-	-	*
Other Temporary	*	-	-	-	*	*
Fruit Crops	*	-	-	-	*	*
Avocado	-	-	-	-	-	-
Bananas	*	-	-	-	-	*
Guava	*	-	-	-	-	*
Lemons	*	-	-	-	*	*
Mangos	*	-	-	-	*	*
Oranges	204	-	-	-	*	223
Papayas	*	-	-	-	*	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	460	-	-	-	-	460
Chat	*	-	-	-	-	*
Coffee	*	-	-	-	-	*
Hops/'Geshe'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	*	-	-	-	-	*
Other Permanent	*	-	-	-	-	*

Table 6.6: Area of Irrigated land by Crop and Source of Water
Benishangul – Gumuz

Crop type	Source of Water						Total
	River	Lake	Pond	Water	Harvest	Others	
All	921	*	-		*	*	929
Cereals	*	*	-		-	-	*
Teff	-	-	-		-	-	-
Barley	-	-	-		-	-	-
Wheat	-	-	-		-	-	-
Maize	-	*	-		-	-	*
Sorghum	-	-	-		-	-	-
Finger millet	*	-	-		-	-	*
Oats/ 'Aja'	-	-	-		-	-	-
Rice	-	-	-		-	-	-
Pulse	-	-	-		-	-	-
Horse/Faba beans	-	-	-		-	-	-
Field peas	-	-	-		-	-	-
White Haricot beans	-	-	-		-	-	-
Red Haricot beans	-	-	-		-	-	-
Chick peas	-	-	-		-	-	-
Lentiles	-	-	-		-	-	-
Vetch/Grass peas	-	-	-		-	-	-
Soya beans	-	-	-		-	-	-
Fenugreek	-	-	-		-	-	-
Mung bean/"Masho"	-	-	-		-	-	-
Gibto	-	-	-		-	-	-
Oile seeds	*	-	-		-	-	*
Nueg	-	-	-		-	-	-
Linseed	-	-	-		-	-	-
Ground nuts	-	-	-		-	-	-
Safflower	-	-	-		-	-	-
Sesame	-	-	-		-	-	-
Rapeseed	*	-	-		-	-	*
Vegetables	*	-	-		-	-	*
Lettuce	-	-	-		-	-	-
Head Cabbage	-	-	-		-	-	-
Ethiopian Cabbage	-	-	-		-	-	-
Tomatoes	*	-	-		-	-	*
Green peppers	*	-	-		-	-	*
Red papers	*	-	-		-	-	*
Swiss chard	*	-	-		-	-	*
Root crops	*	-	-		-	-	*
Beet root	-	-	-		-	-	-
Carrot	*	-	-		-	-	*
Onion	*	-	-		-	-	*
Potatoes	-	-	-		-	-	-
Yam	-	-	-		-	-	-
Garlic	*	-	-		-	-	*
Taro 'Godere'	*	-	-		-	-	*
Sweet potatoes	-	-	-		-	-	-
Other Temporary	*	-	-		-	*	*
Fruit Crops	194	-	-		-	*	194
Avocado	*	-	-		-	-	*
Bananas	166	-	-		-	-	166
Guava	-	-	-		-	-	-
Lemons	-	-	-		-	-	-
Mangos	*	-	-		-	*	*
Oranges	*	-	-		-	-	*
Papayas	*	-	-		-	-	*
Pineapples	-	-	-		-	-	-
Stimulant Crops	*	-	-		*	*	*
Chat	*	-	-		*	*	*
Coffee	*	-	-		*	-	*
Hops/'Gescho'	*	-	-		-	-	*
Enset	-	-	-		-	-	-
Sugar Cane	*	-	-		-	-	*
Other Permanent	*	-	-		*	-	*

Table 6.7: Area of Irrigated land by Crop and Source of Water
S.N.N.P.R

Crop type	Source of Water						Total
	River	Lake	Pond	Water Harvest	Others		
All	43,276	168	355	*	*		44,695
Cereals	8,243	*	*	*	*		8,353
Teff	*	-	-	-	-		*
Barley	*	*	-	-	*		*
Wheat	*	*	-	-	-		*
Maize	6,625	*	*	*	-		6,644
Sorghum	*	-	-	-	-		*
Finger millet	-	-	-	-	-		-
Oats/ 'Aja'	-	-	-	-	-		-
Rice	-	-	-	-	-		-
Pulse	*	*	*	-	-		*
Horse/Faba beans	*	*	-	-	-		*
Field peas	-	-	-	-	-		-
White Haricot beans	*	-	-	-	-		*
Red Haricot beans	*	-	*	-	-		*
Chick peas	*	-	-	-	-		*
Lentiles	-	-	-	-	-		-
Vetch/Grass peas	-	-	-	-	-		-
Soya beans	*	-	-	-	-		*
Fenugreek	-	-	-	-	-		-
Mung bean/"Masho"	*	-	-	-	-		*
Gibto	-	-	-	-	-		-
Oile seeds	*	-	-	-	*		*
Nueg	-	-	-	-	-		-
Linseed	-	-	-	-	-		-
Ground nuts	-	-	-	-	-		-
Safflower	-	-	-	-	-		-
Sesame	*	-	-	-	-		*
Rapeseed	-	-	-	-	*		*
Vegetables	*	*	*	*	*		844
Lettuce	*	-	-	-	-		*
Head Cabbage	*	-	*	*	*		*
Ethiopian Cabbage	110	*	*	*	*		273
Tomatoes	*	-	-	*	*		*
Green peppers	*	-	*	*	-		*
Red papers	*	-	-	-	*		*
Swiss chard	*	-	-	*	-		*
Root crops	*	*	*	*	*		*
Beet root	*	-	-	*	*		*
Carrot	*	-	-	*	*		*
Onion	*	*	*	*	*		*
Potatoes	*	-	-	-	-		*
Yam	*	-	-	-	-		*
Garlic	*	-	*	*	-		*
Taro 'Godere'	*	*	-	*	*		*
Sweet potatoes	*	*	-	*	*		*
Other Temporary	*	*	*	*	*		*
Fruit Crops	*	*	*	*	*		*
Avocado	*	-	-	*	*		*
Bananas	*	*	*	*	*		*
Guava	*	-	-	*	-		*
Lemons	*	*	-	-	*		*
Mangos	*	*	-	-	*		*
Oranges	*	*	-	-	*		*
Papayas	*	-	-	-	*		*
Pineapples	-	-	-	-	*		*
Stimulant Crops	*	*	*	*	*		*
Chat	*	*	*	-	*		*
Coffee	2,214	*	*	*	*		2,482
Hops/'Gesho'	*	-	*	*	-		*
Enset	*	*	*	*	*		*
Sugar Cane	*	*	*	-	-		*
Other Permanent	*	*	*	*	*		*

**Table 6.8: Area of Irrigated land by Crop and Source of Water
Gambella**

Crop type	Source of Water					
	River	Lake	Pond	Water Harvest	Others	Total
All	*	*	-	*	*	*
Cereals	*	-	-	-	-	*
Teff	-	-	-	-	-	-
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	-	-	-	-	-	-
Sorghum	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-
Rice	*	-	-	-	-	*
Pulse	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/"Masho"	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	*	-	-	-	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	*	-	-	-	*	*
Tomatoes	*	-	-	-	-	*
Green peppers	-	-	-	-	-	-
Red papers	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-
Root crops	*	-	-	-	-	*
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	*	-	-	-	-	*
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro 'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-
Other Temporary	-	-	-	-	-	-
Fruit Crops	*	*	-	*	*	*
Avocado	*	-	-	-	-	*
Bananas	*	-	-	-	*	*
Guava	-	-	-	-	-	-
Lemons	-	*	-	*	-	*
Mangos	*	-	-	-	-	*
Oranges	*	-	-	-	*	*
Papayas	-	-	-	-	*	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	-	-	-	-	*
Chat	*	-	-	-	-	*
Coffee	*	-	-	-	-	*
Hops/'Geshe'	*	-	-	-	-	*
Enset	-	-	-	-	-	-
Sugar Cane	-	-	-	-	*	*
Other Permanent	*	-	-	-	-	*

Table 6.9: Area of Irrigated land by Crop and Source of Water
Harari

Crop type	Source of Water					
	River	Lake	Pond	Water Harvest	Others	Total
All	1,153	*	551	846	*	3,057
Cereals	*	-	134	224	*	710
Teff	-	-	-	-	-	-
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	22	-	65	102	*	219
Sorghum	*	-	69	123	*	482
Finger millet	-	-	-	-	-	-
Oats/ 'Aja'	*	-	-	-	-	*
Rice	-	-	-	-	-	-
Pulse	-	-	-	-	-	-
Horse/Faba beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
White Haricot beans	-	-	-	-	-	-
Red Haricot beans	-	-	-	-	-	-
Chick peas	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/"Masho"	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oile seeds	*	*	*	*	*	297
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	*	*	*	*	*	297
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	-	-	*	*	*	*
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	*	-	-	*
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	-	-	*	*	-	*
Green peppers	-	-	-	*	*	*
Red papers	-	-	*	-	-	*
Swiss chard	-	-	-	-	-	-
Root crops	*	-	*	*	*	31
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro 'Godere'	-	-	-	-	-	-
Sweet potatoes	*	-	*	*	*	31
Other Temporary	*	-	-	-	*	*
Fruit Crops	119	*	*	*	*	249
Avocado	-	-	*	-	-	*
Bananas	*	*	*	*	*	*
Guava	*	-	*	*	*	*
Lemons	14	-	*	*	*	39
Mangos	*	*	*	*	*	106
Oranges	-	-	*	*	-	*
Papayas	*	*	*	*	*	60
Pineapples	-	-	-	-	-	-
Stimulant Crops	*	*	338	546	*	1,496
Chat	*	*	329	545	*	1,487
Coffee	-	-	*	*	-	*
Hops/'Gescho'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	170	-	*	-	*	242
Other Permanent	-	-	*	-	-	*

**Table 6.10: Area of Irrigated land by Crop and Source of Water
Dire Dawa**

Crop type	Source of Water					
	River	Lake	Pond	Water Harvest	Others	Total
All	1,230	-	*	-	*	1,290
Cereals	643	-	*	-	*	664
Teff	-	-	-	-	-	-
Barley	*	-	-	-	-	*
Wheat	-	-	-	-	-	-
Maize	*	-	*	-	*	*
Sorghum	562	-	-	-	*	576
Finger millet	-	-	-	-	-	-
Oats/ 'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulse	*	-	-	-	*	*
Horse/Faba beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
White Haricot beans	9	-	-	-	-	9
Red Haricot beans	*	-	-	-	*	*
Chick peas	-	-	-	-	-	-
Lentiles	-	-	-	-	-	-
Vetch/Grass peas	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Mung bean/"Masho"	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oile seeds	-	-	-	-	-	-
Nueg	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	*	-	*	-	*	15
Lettuce	-	-	-	-	-	-
Head Cabbage	-	-	-	-	-	-
Ethiopian Cabbage	-	-	-	-	-	-
Tomatoes	*	-	*	-	*	*
Green peppers	*	-	*	-	-	*
Red papers	*	-	-	-	-	*
Swiss chard	-	-	-	-	-	-
Root crops	21	-	*	-	-	22
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	*	-	*	-	-	*
Potatoes	-	-	-	-	-	-
Yam	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro 'Godere'	-	-	-	-	-	-
Sweet potatoes	*	-	-	-	-	*
Other Temporary	*	-	-	-	-	*
Fruit Crops	*	-	*	-	*	65
Avocado	-	-	-	-	-	-
Bananas	*	-	-	-	-	*
Guava	2	-	-	-	*	2
Lemons	*	-	-	-	*	*
Mangos	*	-	-	-	-	*
Oranges	*	-	-	-	-	*
Papayas	*	-	*	-	*	*
Pineapples	-	-	-	-	-	-
Stimulant Crops	434	-	*	-	*	464
Chat	346	-	*	-	*	362
Coffee	87	-	-	-	*	101
Hops/'Geshe'	-	-	-	-	-	-
Enset	-	-	-	-	-	-
Sugar Cane	-	-	-	-	-	-
Other Permanent	*	-	-	-	-	*

Table 7: Farm Area Protected against Erosion as Reported by Farmers, 2016/17

Geographic area		Method of Protection					
		Terracing	Water catchments	Planting trees	Ploughing along the contour	Others	Total
Ethiopia	Holder	6,903,228	2,876,687	490,791	5,921,618	4,538,646	19,779,189
	Hectare	3,270,802	715,346	66,788	3,521,386	2,826,349	19,016,554
Tigray Region	Holder	565,598	375,348	11,078	545,486	6,545	950,128
	Hectare	353,168	145,189	731	434,451	*	975,033
North West Tigray	Holder	121,524	112,730	-	120,073	*	210,958
	Hectare	77,788	56,828	-	93,414	*	230,031
Central Tigray	Holder	162,990	71,419	*	139,897	*	263,632
	Hectare	124,705	19,154	*	73,492	*	223,538
East Tigray	Holder	116,068	78,568	7,554	78,326	*	153,710
	Hectare	45,258	15,243	*	30,371	*	98,227
South Tigray	Holder	118,621	66,018	2,255	125,815	*	210,736
	Hectare	72,668	35,289	*	106,889	*	216,463
Western Tigray	Holder	46,396	46,614	*	81,376	*	111,093
	Hectare	32,748	18,675	*	130,284	*	206,774
Afar Region	Holder	*	*	*	13,498	-	221,217
	Hectare	*	2,132	*	*	-	21,986
Zone 1	Holder	-	*	*	*	-	217,086
	Hectare	-	*	*	*	-	16,077
Zone 3	Holder	*	*	-	*	-	4,131
	Hectare	*	*	-	*	-	5,910
Amhara Region	Holder	2,715,457	909,649	110,868	1,490,263	1,889,806	4,721,789
	Hectare	1,666,187	281,099	19,611	995,625	990,909	5,319,690
North Gondar	Holder	377,712	164,932	6,196	451,645	200,517	747,445
	Hectare	254,583	56,872	*	413,571	82,859	1,006,339
South Gondar	Holder	326,872	176,037	*	329,044	120,063	520,027
	Hectare	218,040	43,925	*	226,890	25,297	572,660
North Wollo	Holder	239,681	72,484	*	69,270	44,900	395,236
	Hectare	139,535	18,383	*	36,302	10,653	353,774
South Wollo	Holder	469,143	102,848	28,405	90,007	219,401	683,737
	Hectare	216,457	22,362	*	25,302	90,490	568,322
North Shewa	Holder	374,814	93,490	*	206,544	221,238	538,667
	Hectare	286,002	36,115	*	130,270	98,071	601,572
East Gojjam	Holder	312,969	134,787	28,899	142,114	462,820	641,987
	Hectare	181,078	56,242	7,367	56,379	308,911	753,207
West Gojjam	Holder	368,011	76,280	*	95,553	393,777	648,909
	Hectare	221,617	16,706	*	42,008	203,180	860,579
Waghamera	Holder	72,535	35,955	*	43,135	8,262	110,837
	Hectare	53,464	14,192	*	21,574	2,095	150,345
Awi	Holder	77,228	28,087	1,947	39,285	214,974	288,192
	Hectare	53,683	*	*	34,490	169,051	372,323
Oromia Zone	Holder	89,155	22,005	*	23,188	*	137,688
	Hectare	37,329	7,065	*	8,753	*	73,484
Argoba Special	Holder	7,339	2,746	*	480	263	9,065
	Hectare	4,399	1,127	*	87	*	7,084
Oromia Region	Holder	2,608,230	1,219,093	238,888	2,690,412	2,314,124	8,344,699
	Hectare	971,417	227,343	37,042	1,608,694	1,739,033	8,764,041
West Welega	Holder	145,634	*	*	84,324	222,831	391,016
	Hectare	54,364	*	*	47,136	113,094	531,621
East Welega	Holder	49,295	*	*	44,461	172,333	283,740
	Hectare	29,687	*	*	31,004	139,537	588,946
Illubabor	Holder	102,614	28,229	31,608	204,462	91,066	417,911
	Hectare	49,932	*	*	116,755	46,292	571,422
Jimma	Holder	83,217	32,388	*	390,071	204,520	848,758
	Hectare	43,638	*	*	200,297	77,391	1,077,109
West Shewa	Holder	65,273	17,227	*	162,020	463,872	550,015
	Hectare	45,089	*	*	122,666	408,562	707,447

Table 7 (cont'd)

Geographic area		Method of Protection					
		Terracing	Water catchments	Planting trees	Ploughing along the contour	Others	Total
North Shewa	Holder	119,798	*	*	84,596	196,982	342,572
	Hectare	110,320	*	*	65,901	204,289	474,039
East Shewa	Holder	72,684	29,060	*	202,783	43,573	377,162
	Hectare	53,355	13,139	*	222,697	*	624,876
Arsi	Holder	119,142	60,929	5,359	300,173	196,619	641,911
	Hectare	60,784	12,530	*	253,465	173,429	777,338
West Harerge	Holder	531,703	331,998	*	276,437	*	897,827
	Hectare	135,810	46,956	*	82,221	*	322,443
East Harerge	Holder	1,082,465	547,347	*	203,547	*	1,403,208
	Hectare	250,437	68,061	*	29,837	*	359,400
Bale	Holder	26,328	39,346	*	123,168	42,183	353,480
	Hectare	12,078	*	*	92,387	76,435	641,683
Borena	Holder	16,258	*	*	61,309	*	198,509
	Hectare	3,318	*	*	17,841	*	111,107
South West Shewa	Holder	34,717	13,354	*	103,453	285,060	374,718
	Hectare	*	*	*	73,776	222,216	472,151
Guji	Holder	*	*	23,249	167,690	14,869	313,309
	Hectare	1,759	*	*	91,295	1,395	224,550
West Arsi	Holder	56,192	26,706	*	178,462	77,528	552,032
	Hectare	29,922	*	*	91,766	35,620	583,817
Kelem	Holder	60,235	21,101	22,825	64,761	117,096	244,043
	Hectare	27,335	*	*	40,845	49,903	332,789
Horoguduru	Holder	29,700	7,233	*	38,695	113,672	154,488
	Hectare	33,670	*	*	28,804	153,463	363,303
Somali Region	Holder	14,969	12,917	*	34,389	*	115,649
	Hectare	*	6,705	*	23,424	*	138,771
Shinele	Holder	4,859	632	*	*	*	6,916
	Hectare	1,907	*	*	*	*	3,016
Jijiga	Holder	*	9,490	*	31,476	-	92,525
	Hectare	*	*	*	22,830	-	123,925
Liben	Holder	*	*	-	*	-	16,209
	Hectare	*	*	-	*	-	*
Benishangul – Gumuz Reg.	Holder	12,878	30,690	*	36,118	50,873	232,221
	Hectare	6,737	13,576	485	33,629	46,684	428,054
Metekel Zone	Holder	5,797	10,926	*	16,639	33,593	113,236
	Hectare	4,264	6,311	475	19,172	32,783	251,353
Asosa	Holder	5,566	16,502	-	9,624	10,699	84,661
	Hectare	1,775	6,596	-	5,808	*	100,647
Kemashi	Holder	598	331	-	4,703	4,269	19,540
	Hectare	*	*	-	6,235	5,322	57,432
Mao Komo	Holder	917	2,932	*	5,152	2,313	14,784
	Hectare	168	587	*	2,414	334	18,622
S.N.N.P Region	Holder	928,365	269,208	119,860	1,102,937	275,098	5,063,215
	Hectare	238,406	35,820	8,797	422,019	49,096	3,298,569
Gurage	Holder	81,441	31,398	*	97,563	25,191	283,429
	Hectare	17,024	5,114	*	69,423	*	208,101
Hadiya	Holder	88,996	19,189	6,147	120,783	*	301,425
	Hectare	29,981	*	295	38,649	*	262,872
Kembata – Tembaro	Holder	72,767	11,781	11,635	71,127	12,760	140,838
	Hectare	19,785	757	*	15,211	*	83,599
Sidama	Holder	170,222	*	*	158,351	*	1,672,313
	Hectare	20,526	*	*	24,448	*	721,068
Gedio	Holder	*	*	*	*	*	323,042
	Hectare	*	*	*	*	*	171,931
Wolayita	Holder	154,784	61,109	4,428	140,163	31,371	504,393
	Hectare	26,606	6,451	*	29,808	*	239,314

Table 7 (cont'd)

Geographic area		Method of Protection					
		Terracing	Water catchments	Planting trees	Ploughing along the contour	Others	Total
South Omo	Holder	16,948	2,468	*	49,634	*	152,573
	Hectare	1,205	*	*	27,792	*	132,403
Sheka	Holder	1,607	3,766	*	10,449	4,518	92,866
	Hectare	301	*	*	*	*	90,071
Keffa	Holder	6,889	7,080	14,058	145,716	16,600	364,763
	Hectare	*	*	*	69,355	1,645	352,546
Gamo - Gofa	Holder	160,389	38,478	15,698	73,278	90,370	482,783
	Hectare	35,531	*	*	38,111	15,005	342,820
Benchi – Maji	Holder	3,175	3,117	4,452	50,485	3,145	165,513
	Hectare	686	*	1,041	16,992	239	149,744
Yem	Holder	13,579	*	*	14,567	5,091	28,216
	Hectare	7,586	*	*	7,270	*	37,514
Segen Peoples	Holder	16,377	8,519	*	11,222	*	80,521
	Hectare	8,569	*	*	*	*	112,423
Dawro	Holder	18,784	*	*	37,939	4,153	143,677
	Hectare	5,454	*	*	12,444	*	115,946
Basketo	Holder	1,839	1,461	*	1,292	*	15,105
	Hectare	254	142	*	146	*	12,256
Konta	Holder	6,591	*	*	17,001	*	51,973
	Hectare	*	*	*	4,838	*	32,067
Silitie	Holder	91,961	19,382	*	78,258	6,806	196,160
	Hectare	50,231	3,761	*	34,970	659	157,823
Alaba	Holder	21,496	*	*	24,666	*	63,625
	Hectare	10,574	*	*	15,115	*	76,072
Gambella Region	Holder	*	*	*	*	*	67,210
	Hectare	*	*	*	*	*	37,941
Agnuwak	Holder	*	*	*	*	*	26,422
	Hectare	*	*	*	*	*	6,427
Nuware	Holder	-	*	-	-	-	11,980
	Hectare	-	*	-	-	-	4,099
Mezenger	Holder	*	*	*	*	*	25,360
	Hectare	*	*	*	*	*	25,853
Itang	Holder	-	18	-	-	-	3,448
	Hectare	-	*	-	-	-	1,562
Harari Region	Holder	27,989	6,944	*	4,201	1,690	35,146
	Hectare	13,962	3,437	*	*	*	19,286
Dire Dawa	Holder	27,451	220	*	*	*	27,914
	Hectare	13,003	32	*	*	*	13,183

Table 8: Number of Holders reporting Oxen, 2016/17

Geographical Area	No ox	One ox	Two oxen	Three oxen	Four oxen	Five oxen
Ethiopia	8,938,938	4,322,388	4,918,485	460,987	382,682	131,767
Tigray Region	257,657	292,409	315,321	28,900	26,532	2,091
North West Tigray	59,245	57,681	80,439	7,096	12,587	-
Central Tigray	55,857	92,506	87,279	5,645	*	-
East Tigray	57,017	59,553	39,142	2,679	*	-
South Tigray	39,937	60,398	73,710	9,410	4,349	*
Western Tigray	45,601	22,270	34,752	4,070	7,610	1,800
Afar Region	92,996	45,759	46,282	*	*	-
Zone 1	90,429	44,967	44,282	*	*	-
Zone 3	2,567	791	2,000	*	*	-
Amhara Region	1,404,811	1,409,226	1,530,335	172,687	67,562	16,887
North Gondar	252,666	235,402	226,778	24,194	10,512	*
South Gondar	117,254	215,089	158,569	11,453	*	*
North Wollo	135,715	137,990	119,019	*	*	-
South Wollo	148,793	199,553	231,850	12,896	*	-
North Shewa	85,555	146,158	220,038	21,160	8,844	*
East Gojjam	217,693	181,876	187,027	42,823	16,355	5,094
West Gojjam	199,463	180,732	236,896	35,953	11,948	*
Waghamera	39,955	32,446	33,079	1,847	*	*
Awii	138,619	50,021	73,273	17,055	14,883	*
Oromia Zone	66,064	27,742	40,222	2,417	*	-
Argoba Special	3,034	2,216	3,585	283	*	-
Oromia Region	3,582,651	1,636,539	2,309,975	211,437	238,843	87,181
West Welega	213,670	102,522	83,547	3,151	3,097	*
East Welega	125,977	46,379	100,067	9,646	11,683	2,261
Illubabor	164,550	110,207	124,675	6,828	9,846	2,392
Jimma	281,794	232,166	287,596	14,371	13,449	*
West Shewa	183,321	90,724	232,907	23,255	26,208	4,255
South West Shewa	83,928	60,779	161,833	12,738	19,306	3,095
North Shewa	125,118	65,434	138,250	14,217	24,559	9,019
East Shewa	188,576	121,577	260,766	26,619	25,026	*
Arsi	275,692	220,836	173,982	10,878	*	*
West Harerge	997,662	227,083	81,881	5,531	*	-
East Harerge	86,374	47,354	168,180	19,614	23,717	15,349
Bale	156,727	20,892	62,428	4,912	7,280	*
Borena	138,220	87,722	107,056	18,009	15,645	*
Guji	117,557	29,939	73,038	12,137	10,964	*
West Arsi	260,208	84,646	140,751	20,326	18,012	*
Kelem	119,463	67,360	54,564	2,817	3,750	*
Horoguduru	63,813	20,920	58,454	6,390	15,276	2,608
Somali Region	178,187	19,327	17,478	*	*	*
Shinele	5,424	1,142	*	-	-	-
Jijiga	61,629	15,806	14,248	*	*	-
Liben	111,134	*	*	*	*	*
Benishangul – Gumuz	155,248	20,529	44,369	5,025	8,858	1,862
Metekel Zone	57,435	11,809	32,352	4,370	7,787	1,761
Asosa	71,825	5,286	8,100	*	*	-
Kemashi	13,551	1,855	3,343	*	345	*
Mao Komo	12,437	1,578	575	*	*	-
S.N.N.P Region	3,173,947	884,149	646,683	38,049	29,810	21,972
Gurage	127,812	42,707	37,401	3,527	*	*
Hadiya	80,120	106,061	78,057	*	1,832	*
Kembata – Tembaro	44,837	55,212	15,998	*	-	-
Sidama	1,519,241	29,826	38,474	*	-	*
Gedio	313,706	4,933	4,424	-	-	*
Wolayita	258,720	202,189	35,036	-	*	-
South Omo	116,239	12,671	32,127	4,936	8,652	3,022

Table 8 (Cont'd)

Geographical Area	No ox	One ox	Two oxen	Three oxen	Four oxen	Five oxen
Sheka	29,433	23,977	11,919	*	*	-
Keffa	88,924	132,283	89,643	5,230	*	*
Gamo - Gofa	295,330	80,639	114,744	4,177	*	-
Benchi – Maji	88,848	29,350	41,247	*	2,980	*
Yem	7,038	5,854	12,134	1,530	425	*
Dawro	64,169	40,962	34,685	1,051	*	-
Basketo	9,854	2,435	2,307	243	275	*
Konta	25,591	17,925	7,586	*	864	*
Silitie	45,616	66,984	48,621	1,927	*	*
Alaba	19,455	24,243	18,004	*	920	*
Segen Peoples	39,014	5,897	24,276	5,414	5,519	2,105
Gambella Region	45,755	2,637	4,571	*	*	*
Agnuwak	8,643	1,202	4,431	*	*	*
Nuware	11,323	-	-	-	-	-
Mezhenger	23,957	1,435	*	-	-	-
Itang	1,832	-	-	-	-	23
Harari Region	26,538	6,159	2,246	*	*	-
Dire Dawa	21,148	5,655	1,225	-	-	-

Table 9: Number of Holders Reporting Oxen Shortage by Coping Strategy, 2016/17

Geographical Area	Coping strategy						
	Renting oxen	Pairing with Someone's ox	Pairing with horse/cow	Using horse / cow	Digging by hand	Borrowing oxen	Others
Ethiopia	1,039,347	3,334,353	392,194	228,908	4,270,339	3,196,562	799,622
Tigray Region	64,008	239,559	22,259	12,610	21,811	147,462	42,357
North West Tigray	17,593	41,986	*	*	6,514	35,252	7,985
Central Tigray	11,355	84,921	5,438	*	*	36,130	4,798
East Tigray	9,562	50,698	*	*	2,307	41,028	8,864
South Tigray	10,802	47,301	5,661	*	3,734	24,597	6,866
Western Tigray	14,697	14,653	1,134	9,011	4,079	10,455	13,843
Afar Region	57,213	*	-	-	*	*	*
Zone 1	57,063	*	-	-	*	*	*
Zone 3	*	*	-	-	*	468	*
Amhara Region	213,250	1,017,709	261,769	170,639	161,795	808,288	180,587
North Gondar	32,808	191,351	28,418	15,143	18,151	155,634	46,561
South Gondar	19,013	138,695	56,752	24,843	*	86,397	5,915
North Wollo	20,490	114,139	18,857	18,527	15,744	74,017	11,930
South Wollo	42,578	132,579	48,030	18,610	21,631	78,016	6,902
North Shewa	19,605	110,782	23,948	-	11,899	44,945	20,534
East Gojjam	26,106	130,492	26,576	30,968	22,535	133,093	29,800
West Gojjam	19,354	138,561	32,711	*	18,745	128,280	35,970
Waghamera	5,567	23,763	6,189	5,280	4,448	21,872	5,283
Awii	19,879	15,522	19,454	50,442	17,688	50,102	15,553
Oromia Zone	7,686	20,201	*	*	29,316	33,972	1,795
Argoba Special	162	1,625	250	-	911	1,959	342
Oromia Region	495,827	1,214,270	79,194	33,561	1,485,314	1,579,678	331,347
West Welega	74,713	85,517	1,511	*	20,698	117,438	15,074
East Welega	50,747	36,907	1,404	*	6,318	59,217	13,164
Illubabor	26,155	92,941	5,616	*	35,244	107,452	5,875
Jimma	55,256	158,818	*	-	34,132	204,761	46,354
West Shewa	48,886	70,487	*	-	14,296	109,806	29,587
South West Shewa	9,882	48,438	5,182	-	9,572	57,223	14,411
North Shewa	22,015	48,273	3,132	*	3,589	104,139	8,351
East Shewa	25,548	89,461	*	-	12,825	168,196	10,542
Arsi	12,940	176,106	*	*	158,046	107,032	31,849
West Harerge	21,046	145,207	16,421	*	874,828	115,559	38,765
East Harerge	12,162	31,974	*	*	*	61,345	10,464
Bale	*	25,512	*	*	85,897	18,563	42,147
Borena	30,467	76,227	*	*	31,935	65,626	18,511
Guji	19,344	17,685	*	-	69,932	37,864	*
West Arsi	23,629	42,002	*	-	92,377	163,555	19,406
Kelem	33,285	51,341	*	*	16,805	64,443	13,524
Horoguduru	27,750	17,377	*	*	3,692	17,459	12,230
Somali Region	4,999	11,381	*	*	12,335	7,024	159,798
Shinele	-	825	-	*	3,110	1,727	833
Jijiga	*	8,326	*	*	*	4,495	59,750
Liben	*	*	-	-	*	*	99,215
Benishangul – Gumuz	15,402	11,379	4,928	9,586	99,918	28,146	6,417
Metekel Zone	8,706	6,487	*	*	30,133	17,242	2,513
Asosa	2,991	*	2,932	5,486	53,169	6,544	3,718
Kemashi	2,225	1,330	*	1,188	7,656	2,358	*
Mao Komo	1,479	1,292	191	*	8,960	2,002	-
S.N.N.P Region	186,913	793,525	21,832	*	2,398,714	591,049	64,572
Gurage	*	36,841	*	*	98,475	17,380	7,256
Hadiya	17,784	95,529	*	-	19,936	47,272	*
Kembata – Tembaro	1,795	54,226	*	-	9,544	33,255	1,043
Sidama	*	*	*	-	1,460,566	54,348	*
Gedio	13,986	3,789	*	*	281,882	*	*
Wolayita	12,691	187,295	*	-	116,260	131,242	11,418
South Omo	37,665	9,740	*	-	47,205	32,115	1,166

Table 9 (cont'd)

Geographical Area	Coping strategy						
	Renting oxen	Pairing with Someone's ox	Pairing with horse/cow	Using horse / cow	Digging by hand	Borrowing oxen	Others
Sheka	4,136	20,985	1,063	-	13,842	9,334	*
Keffa	6,930	125,754	*	-	19,298	62,791	6,008
Gamo - Gofa	27,433	66,825	*	-	219,631	54,535	*
Benchi – Maji	16,983	24,255	*	-	39,418	33,463	3,221
Yem	2,438	4,526	*	-	576	4,876	421
Dawro	2,865	35,504	2,398	*	26,044	37,456	*
Basketo	2,636	2,305	*	-	5,951	1,295	*
Konta	*	17,212	*	-	9,508	15,717	447
Silitie	12,957	63,627	*	-	*	22,887	4,340
Alaba	2,551	23,795	*	-	*	16,171	*
Segen Peoples	3,644	5,028	*	-	21,634	14,194	*
Gambella Region	1,227	2,231	*	-	41,240	1,943	1,672
Agnuwak	*	*	*	-	7,150	*	*
Nuware	*	-	-	-	10,627	-	*
Mezhenger	*	1,333	*	-	21,905	1,046	*
Itang	9	-	-	-	1,558	-	264
Harari Region	*	4,880	964	*	21,682	2,915	1,707
Dire Dawa	*	5,148	*	-	13,131	6,920	1,432

Table 10: Total Area and Crop harvesting frequency by crop type, 2016/17

National			
Crop Type	Area	Once	Twice
All	14,708,628	14,572,093	136535.05
Cereals	10,219,443	10,120,821	98622.41
Teff	3,017,914	3,004,829	13085.02
Barley	959,273	941,879	17394.74
Wheat	1,696,083	1,683,703	12379.71
Maize	2,135,572	2,091,742	43830.07
Sorghum	1,881,971	1,880,864	1106.8
Finger millet	456,172	455,352	819.35
Oats / 'Aja'	24,041	24,041	-
Rice	48,418	38,411	*
Pulses	1,549,912	1,518,893	31018.94
Horse / Faba beans	427,697	426,158	1538.66
Field Peas	212,531	211,322	*
Haricot beans white	78,910	78,115	*
Haricot beans red	211,292	202,434	8857.88
Chick peas	225,608	211,948	13659.65
Lentils	113,685	113,594	*
Vetch / Grass peas	151,269	146,873	4395.31
Soya beans	36,636	36,333	*
Fenugreek	34,603	34,433	170.83
Mung bean/'Masho'/	37,774	37,774	-
Gibto	19,908	19,908	-
Oilseeds	804,752	803,082	1669.71
Neug	281,206	280,872	*
Linseed	80,354	80,222	*
Groundnuts	74,861	74,861	-
Safflower	6,738	6,738	-
Sesame	337,927	336,911	*
Rapeseed	23,666	23,478	*
Vegetables	239,610	238,384	1225.51
Lettuce	117	90	*
Head cabbage	6,189	5,923	*
Ethiopian cabbage	36,090	35,501	589.12
Tomatoes	6,299	6,166	132.6
Green peppers	9,832	9,786	*
Red peppers	180,701	180,538	*
Swiss chard	381	381	*
Root crops	229,079	225,677	3402.07
Beetroot	2,886	2,878	*
Carrot	2,578	2,534	*
Onion	33,603	31,698	*
Potatoes	66,923	66,231	692.32
Yam	5,603	5,569	*
Garlic	15,381	14,676	704.64
Taro 'Godere'	48,087	48,078	*
Sweet potatoes	54,017	54,012	*
Other Temporary	99,349	99,047	*
Permanent crops	107,891	107,869	*
Avocado	17,835	17,834	*
Bananas	63,213	63,203	*
Guava	3,249	3,249	-
Lemons	1,426	1,426	-
Mangoes	15,414	15,407	*
Oranges	2,620	2,618	*
Papayas	3,489	3,486	*
Pineapples	645	645	-
Stimulant Crops	987,243	987,052	191.15
Chat	255,402	255,237	165.09
Coffee	700,475	700,469	*
Hops / 'Gesho'	31,367	31,346	*
Enset	417,617	417,540	*
Sugar cane	31,237	31,236	*
Other permanent	22,496	22,492	*

Table 10.1: Total Area and Crop Harvesting frequency by crop type

Tigary

Crop Type	Area	Once	Twice
All	954,532	951,376	3155.86
Cereals	778,120	775,326	2793.5
Teff	167,584	167,002	*
Barley	95,463	95,285	*
Wheat	107,724	107,674	*
Maize	66,452	64,623	1828.97
Sorghum	253,757	253,622	*
Finger millet	86,613	86,594	*
Oats / 'Aja'	*	*	-
Rice	*	*	-
Pulses	37,820	37,612	*
Horse / Faba beans	9,228	9,166	*
Field Peas	5,046	5,046	-
Haricot beans white	*	*	-
Haricot beans red	*	*	-
Chick peas	6,525	6,379	*
Lentils	6,041	6,041	-
Vetch / Grass peas	6,176	6,176	-
Soya beans	-	-	-
Fenugreek	500	500	*
Mung bean/'Masho'/'	*	*	-
Gibto	-	-	-
Oilseeds	120,969	120,922	*
Neug	5,440	5,440	-
Linseed	6,516	6,516	-
Groundnuts	*	*	-
Safflower	8	8	-
Sesame	108,319	108,272	*
Rapeseed	37	36	*
Vegetables	3,362	3,281	*
Lettuce	*	*	*
Head cabbage	86	68	*
Ethiopian cabbage	*	*	-
Tomatoes	889	859	*
Green peppers	508	508	-
Red peppers	1,769	1,766	*
Swiss chard	21	21	*
Root crops	1,965	1,937	*
Beetroot	*	*	-
Carrot	105	90	*
Onion	710	710	-
Potatoes	622	610	*
Yam	-	-	-
Garlic	526	526	-
Taro 'Godere'	-	-	-
Sweet potatoes	*	*	-
Other Temporary	369	369	-
Permanent crops	1,356	1,356	-
Avocado	11	11	-
Bananas	184	184	-
Guava	354	354	-
Lemons	174	174	-
Mangoes	286	286	-
Oranges	221	221	-
Papayas	124	124	-
Pineapples	*	*	-
Stimulant Crops	3,729	3,729	-
Chat	*	*	-
Coffee	110	110	-
Hops / 'Geshe'	2,255	2,255	-
Enset	*	*	-
Sugar cane	*	*	-
Other permanent	6,836	6,836	-

Table 10.2: Total Area and Crop Harvesting frequency by crop type

Afar

Crop Type	Area	Once	Twice
All	13,241	13,229	*
Cereals	7,123	7,123	-
Teff	*	*	-
Barley	-	-	-
Wheat	*	*	-
Maize	4,665	4,665	-
Sorghum	1,556	1,556	-
Finger millet	-	-	-
Oats / 'Aja'	-	-	-
Rice	-	-	-
Pulses	1,038	1,038	-
Horse / Faba beans	-	-	-
Field Peas	*	*	-
Haricot beans white	*	*	-
Haricot beans red	*	*	-
Chick peas	*	*	-
Lentils	-	-	-
Vetch / Grass peas	-	-	-
Soya beans	-	-	-
Fenugreek	-	-	-
Mung bean/'Masho'/'	*	*	-
Gibto	-	-	-
Oilseeds	*	*	-
Neug	-	-	-
Linseed	-	-	-
Groundnuts	-	-	-
Safflower	*	*	-
Sesame	*	*	-
Rapeseed	*	*	-
Vegetables	1,054	1,051	*
Lettuce	-	-	-
Head cabbage	-	-	-
Ethiopian cabbage	*	*	-
Tomatoes	*	*	*
Green peppers	*	*	-
Red peppers	*	*	-
Swiss chard	-	-	-
Root crops	*	*	-
Beetroot	*	*	-
Carrot	-	-	-
Onion	*	*	-
Potatoes	-	-	-
Yam	-	-	-
Garlic	-	-	-
Taro 'Godere'	-	-	-
Sweet potatoes	*	*	-
Other Temporary	*	*	*
Permanent crops	120	120	-
Avocado	-	-	-
Bananas	*	*	-
Guava	*	*	-
Lemons	*	*	-
Mangoes	30	30	-
Oranges	*	*	-
Papayas	*	*	-
Pineapples	-	-	-
Stimulant Crops	-	-	-
Chat	-	-	-
Coffee	-	-	-
Hops / 'Gesho'	-	-	-
Enset	-	-	-
Sugar cane	-	-	-
Other permanent	3,165	3,165	-

Table 10.3: Total Area and Crop harvesting frequency by crop type

Amahara

Crop Type	Area	Once	Twice
All	4,636,577	4,568,598	67978.63
Cereals	3,491,476	3,445,628	45847.71
Teff	1,137,844	1,132,214	5629.89
Barley	323,656	312,744	10911.58
Wheat	554,284	551,867	*
Maize	519,496	503,866	15629.62
Sorghum	670,114	669,554	*
Finger millet	246,666	245,875	791.25
Oats / 'Aja'	3,002	3,002	-
Rice	36,414	26,507	*
Pulses	651,045	632,228	18817.24
Horse / Faba beans	145,714	145,068	646.19
Field Peas	75,895	75,739	*
Haricot beans white	33,878	33260.18	*
Haricot beans red	30,089	25,968	4120.69
Chick peas	127,583	118,906	8676.19
Lentils	59,290	59,209	*
Vetch / Grass peas	97,823	93,667	4156.33
Soya beans	13,677	13,375	*
Fenugreek	18,223	18,164	*
Mung bean/'Masho'/'	28,993	28,993	-
Gibto	19,880	19,880	-
Oilseeds	300,869	299,586	*
Neug	85,215	85,092	*
Linseed	23,847	23,810	*
Groundnuts	7,104	7,104	-
Safflower	5,924	5,924	-
Sesame	163,049	162,080	*
Rapeseed	15,730	15,576	*
Vegetables	74,123	73,937	*
Lettuce	9	9	-
Head cabbage	896	896	-
Ethiopian cabbage	981	966	*
Tomatoes	1,074	1,064	*
Green peppers	2,037	2,009	*
Red peppers	69,020	68,886	*
Swiss chard	*	*	-
Root crops	40,888	39,294	1594.56
Beetroot	296	296	-
Carrot	345	345	-
Onion	13,755	12,925	*
Potatoes	18,185	17,958	227.55
Yam	*	*	-
Garlic	7,470	6,933	*
Taro 'Godere'	-	-	-
Sweet potatoes	823	823	-
Other Temporary	22,347	22,164	*
Permanent crops	4,505	4,497	*
Avocado	131	131	-
Bananas	1,355	1,347	*
Guava	292	292	-
Lemons	475	475	-
Mangoes	1,032	1,032	-
Oranges	705	705	-
Papayas	515	515	-
Pineapples	-	-	-
Stimulant Crops	43,098	43,042	*
Chat	11,260	11,225	*
Coffee	8,804	8,804	-
Hops / 'Geshe'	23,034	23,014	*
Enset	-	-	-
Sugar cane	5,394	5,394	-
Other permanent	2,830	2,827	*

Table 10.4: Total Area and Crop Harvesting frequency by crop type

Oromia

Crop Type	Area	Once	Twice
All	6,673,785	6,611,880	61904.84
Cereals	4,792,014	4,745,006	47008.36
Teff	1,441,030	1,434,242	6787.59
Barley	454,663	448,380	6283.03
Wheat	898,456	888,551	9904.38
Maize	1,142,654	1,118,683	23970.45
Sorghum	739,782	739,719	*
Finger millet	89,585	89,585	-
Oats / 'Aja'	20,656	20,656	-
Rice	5,190	5,190	-
Pulses	610,300	598,495	11804.54
Horse / Faba beans	204,914	204,108	805.74
Field Peas	83,157	82,120	*
Haricot beans white	36,231	36053.99	*
Haricot beans red	80,466	75,809	4657.36
Chick peas	81,286	76,503	*
Lentils	47,782	47,775	*
Vetch / Grass peas	46,453	46,227	*
Soya beans	8,802	8,802	-
Fenugreek	15,497	15,386	111.58
Mung bean/'Masho'/'Gibto	5,711	5,711	-
Gibto	-	-	-
Oilseeds	310,646	310,311	*
Neug	178,848	178,637	*
Linseed	48,646	48,556	*
Groundnuts	41,055	41,055	-
Safflower	188	188	-
Sesame	36,028	36,028	-
Rapeseed	5,880	5,847	*
Vegetables	100,828	100,034	794.56
Lettuce	19	19	-
Head cabbage	3,647	3,453	*
Ethiopian cabbage	9,637	9,133	503.34
Tomatoes	1,703	1,619	*
Green peppers	5,238	5,226	*
Red peppers	80,427	80,426	*
Swiss chard	158	158	-
Root crops	81,677	79,950	*
Beetroot	1,953	1,945	*
Carrot	1,752	1,724	*
Onion	13,670	12,604	*
Potatoes	35,913	35,460	*
Yam	*	*	*
Garlic	6,430	6,263	*
Taro 'Godere'	5,553	5,552	*
Sweet potatoes	16,319	16,319	*
Other Temporary	30,228	30,124	*
Permanent crops	27,804	27,804	*
Avocado	3,984	3,984	-
Bananas	14,149	14,148	*
Guava	2,052	2,052	-
Lemons	122	122	-
Mangoes	6,111	6,111	-
Oranges	601	601	-
Papayas	772	772	-
Pineapples	*	*	-
Stimulant Crops	630,000	629,874	*
Chat	162,185	162,061	*
Coffee	464,426	464,424	*
Hops / 'Gesho'	3,389	3,389	-
Enset	79,842	79,839	*
Sugar cane	8,143	8,142	*
Other permanent	2,302	2,301	*

Table 10.5: Total Area and Crop Harvesting frequency by crop type

Somalie

Crop Type	Area	Once	Twice
All	88,059	87,862	*
Cereals	72,028	71,838	*
Teff	-	-	-
Barley	*	*	-
Wheat	*	*	-
Maize	24,767	24,680	*
Sorghum	40,388	40,286	*
Finger millet	-	-	-
Oats / 'Aja'	*	*	-
Rice	-	-	-
Pulses	*	*	-
Horse / Faba beans	-	-	-
Field Peas	-	-	-
Haricot beans white	*	*	-
Haricot beans red	*	*	-
Chick peas	-	-	-
Lentils	-	-	-
Vetch / Grass peas	-	-	-
Soya beans	-	-	-
Fenugreek	-	-	-
Mung bean/'Masho'/'	-	-	-
Gibto	-	-	-
Oilseeds	*	*	-
Neug	-	-	-
Linseed	*	*	-
Groundnuts	*	*	-
Safflower	-	-	-
Sesame	*	*	-
Rapeseed	*	*	-
Vegetables	1,038	1,036	*
Lettuce	-	-	-
Head cabbage	-	-	-
Ethiopian cabbage	-	-	-
Tomatoes	*	*	*
Green peppers	*	*	-
Red peppers	*	*	-
Swiss chard	*	*	-
Root crops	*	*	*
Beetroot	*	*	-
Carrot	*	*	-
Onion	*	*	-
Potatoes	-	-	-
Yam	-	-	-
Garlic	-	-	-
Taro 'Godere'	-	-	-
Sweet potatoes	*	*	*
Other Temporary	*	*	-
Permanent crops	*	*	*
Avocado	-	-	-
Bananas	*	*	*
Guava	*	*	-
Lemons	*	*	-
Mangoes	61	61	-
Oranges	226	224	*
Papayas	*	*	-
Pineapples	-	-	-
Stimulant Crops	6,459	6,456	*
Chat	6,361	6,358	*
Coffee	*	*	-
Hops / 'Gesho'	-	-	-
Enset	-	-	-
Sugar cane	*	*	-
Other permanent	*	*	-

Table 10.6: Total Area and Crop Harvesting frequency by crop type
Benshangule-Gumuz

Crop Type	Area	Once	Twice
All	264,582	264,327	255.06
Cereals	166,989	166,780	*
Teff	24,433	24,411	*
Barley	773	773	-
Wheat	2,081	2,081	-
Maize	49,115	48,928	*
Sorghum	58,378	58,378	-
Finger millet	29,681	29,681	-
Oats / 'Aja'	*	*	-
Rice	*	*	-
Pulses	22,571	22,553	*
Horse / Faba beans	811	811	-
Field Peas	*	*	-
Haricot beans white	2,189	2189.13	-
Haricot beans red	3,193	3,175	*
Chick peas	423	423	-
Lentils	*	*	-
Vetch / Grass peas	-	-	-
Soya beans	13,947	13,947	-
Fenugreek	9	9	*
Mung bean/'Masho'/'	1,255	1,255	-
Gibto	*	*	-
Oilseeds	60,777	60,772	*
Neug	10,843	10,842	*
Linseed	406	402	*
Groundnuts	19,729	19,729	-
Safflower	*	*	-
Sesame	29,180	29,180	-
Rapeseed	189	189	-
Vegetables	5,633	5,631	*
Lettuce	*	*	-
Head cabbage	33	33	-
Ethiopian cabbage	67	65	*
Tomatoes	23	23	-
Green peppers	52	52	-
Red peppers	5,456	5,456	-
Swiss chard	*	*	-
Root crops	1,380	1,370	*
Beetroot	5	5	-
Carrot	*	*	-
Onion	192	182	*
Potatoes	*	*	-
Yam	*	*	-
Garlic	86	86	-
Taro 'Godere'	39	39	-
Sweet potatoes	545	545	*
Other Temporary	2,630	2,629	*
Permanent crops	2,265	2,255	*
Avocado	10	10	-
Bananas	655	655	-
Guava	*	*	-
Lemons	71	71	-
Mangoes	1,192	1,185	*
Oranges	68	68	-
Papayas	128	125	*
Pineapples	-	-	-
Stimulant Crops	2,101	2,101	-
Chat	813	813	-
Coffee	1,215	1,215	-
Hops / 'Geshe'	73	73	-
Enset	6	6	-
Sugar cane	171	171	-
Other permanent	60	60	-

Table 10.7: Total Area and Crop Harvesting frequency by crop type

S.N.N.P.R.

Crop Type	Area	Once	Twice
All	2,026,353	2,023,415	2937.97
Cereals	885,143	882,642	2500.95
Teff	246,099	246,035	*
Barley	84,037	84,015	*
Wheat	127,212	127,205	*
Maize	322,714	320,647	2067.13
Sorghum	97,489	97,257	232.26
Finger millet	3,627	3,618	*
Oats / 'Aja'	*	*	-
Rice	3,700	3,600	*
Pulses	225,574	225,403	170.87
Horse / Faba beans	67,025	67,000	*
Field Peas	47,591	47,575	*
Haricot beans white	4,319	4319.03	-
Haricot beans red	94,005	93,944	*
Chick peas	9,773	9,719	*
Lentils	526	525	*
Vetch / Grass peas	*	*	*
Soya beans	209	209	-
Fenugreek	372	372	-
Mung bean/'Masho'/'	908	908	-
Gibto	*	*	-
Oilseeds	5,312	5,312	-
Neug	*	*	-
Linseed	930	930	-
Groundnuts	606	606	-
Safflower	182	182	-
Sesame	*	*	-
Rapeseed	1,766	1,766	-
Vegetables	52,961	52,813	148.53
Lettuce	*	*	-
Head cabbage	1,521	1,468	*
Ethiopian cabbage	25,288	25,225	*
Tomatoes	980	979	*
Green peppers	1,820	1,813	*
Red peppers	23,266	23,240	*
Swiss chard	63	63	-
Root crops	99,022	98,983	*
Beetroot	617	617	-
Carrot	305	305	-
Onion	1,682	1,682	-
Potatoes	11,702	11,702	-
Yam	5,452	5,422	*
Garlic	868	868	-
Taro 'Godere'	42,341	42,332	*
Sweet potatoes	36,056	36,056	-
Other Temporary	42,969	42,965	*
Permanent crops	68,580	68,580	*
Avocado	13,537	13,536	*
Bananas	45,740	45,740	-
Guava	324	324	-
Lemons	235	235	-
Mangoes	5,940	5,940	*
Oranges	774	774	-
Papayas	1,410	1,410	-
Pineapples	622	622	-
Stimulant Crops	285,383	285,383	*
Chat	65,549	65,549	-
Coffee	217,307	217,307	*
Hops / 'Geshe'	2,527	2,527	-
Enset	337,319	337,246	*
Sugar cane	17,005	17,005	-
Other permanent	7,085	7,085	-

Table 10.8: Total Area and Crop Harvesting frequency by crop type

Gambella

Crop Type	Area	Once	Twice
All	19,278	19,201	77.7
Cereals	7,109	7,043	65.58
Teff	*	*	-
Barley	*	*	-
Wheat	-	-	-
Maize	4,062	4,003	58.92
Sorghum	2,847	2,840	*
Finger millet	-	-	-
Oats / 'Aja'	-	-	-
Rice	*	*	-
Pulses	91	91	*
Horse / Faba beans	*	*	-
Field Peas	-	-	-
Haricot beans white	*	*	-
Haricot beans red	*	*	*
Chick peas	-	-	-
Lentils	-	-	-
Vetch / Grass peas	*	*	-
Soya beans	1	1	-
Fenugreek	*	*	-
Mung bean/'Masho'/'	*	*	-
Gibto	-	-	-
Oilseeds	*	*	-
Neug	*	*	-
Linseed	0	0	-
Groundnuts	*	*	-
Safflower	*	*	-
Sesame	*	*	-
Rapeseed	*	*	-
Vegetables	535	528	*
Lettuce	-	-	-
Head cabbage	*	*	-
Ethiopian cabbage	91	85	*
Tomatoes	*	*	0.98
Green peppers	19	19	*
Red peppers	*	*	-
Swiss chard	*	*	-
Root crops	372	371	1.18
Beetroot	-	-	-
Carrot	-	-	-
Onion	*	*	-
Potatoes	*	*	-
Yam	*	*	-
Garlic	*	*	-
Taro 'Godere'	155	155	-
Sweet potatoes	132	131	1.18
Other Temporary	604	604	-
Permanent crops	1,013	1,012	*
Avocado	163	163	*
Bananas	437	437	*
Guava	*	*	-
Lemons	6	6	-
Mangoes	237	237	-
Oranges	21	21	-
Papayas	132	132	-
Pineapples	7	7	-
Stimulant Crops	8,776	8,773	*
Chat	346	346	-
Coffee	8,343	8,340	*
Hops / 'Geshe'	87	87	-
Enset	450	450	-
Sugar cane	239	239	*
Other permanent	17	17	-

Table 10.9: Total Area and Crop Harvesting frequency by crop type

Harari Region

Crop Type	Area	Once	Twice
All	19,066	19,053	*
Cereals	8,682	8,674	*
Teff	-	-	-
Barley	*	*	-
Wheat	*	*	-
Maize	1,408	1,407	*
Sorghum	7,152	7,144	*
Finger millet	-	-	-
Oats / 'Aja'	*	*	-
Rice	-	-	-
Pulses	*	*	*
Horse / Faba beans	-	-	-
Field Peas	-	-	-
Haricot beans white	*	*	*
Haricot beans red	*	*	-
Chick peas	-	-	-
Lentils	*	*	-
Vetch / Grass peas	-	-	-
Soya beans	-	-	-
Fenugreek	-	-	-
Mung bean/'Masho'/'	-	-	-
Gibto	-	-	-
Oilseeds	2,786	2,786	-
Neug	-	-	-
Linseed	-	-	-
Groundnuts	2,577	2,577	-
Safflower	-	-	-
Sesame	*	*	-
Rapeseed	-	-	-
Vegetables	*	38	*
Lettuce	-	-	-
Head cabbage	*	*	-
Ethiopian cabbage	-	-	-
Tomatoes	*	*	*
Green peppers	*	*	*
Red peppers	*	*	-
Swiss chard	-	-	-
Root crops	64	64	-
Beetroot	*	*	-
Carrot	-	-	-
Onion	*	*	-
Potatoes	*	*	-
Yam	-	-	-
Garlic	*	*	-
Taro 'Godere'	-	-	-
Sweet potatoes	58	58	-
Other Temporary	24	24	-
Permanent crops	750	750	-
Avocado	*	*	-
Bananas	51	51	-
Guava	45	45	-
Lemons	92	92	-
Mangoes	479	479	-
Oranges	*	*	-
Papayas	82	82	-
Pineapples	-	-	-
Stimulant Crops	6,402	6,399	*
Chat	6,365	6,362	*
Coffee	37	37	-
Hops / 'Geshe'	-	-	-
Enset	-	-	-
Sugar cane	275	275	-
Other permanent	24	24	-

Table 10.10: Total Area and Crop Harvesting frequency by crop type
Dire Dawa Region

Crop Type	Area	Once	Twice
All	13,154	13,151	*
Cereals	10,760	10,760	-
Teff	-	-	-
Barley	*	*	-
Wheat	*	*	-
Maize	240	240	-
Sorghum	10,508	10,508	-
Finger millet	-	-	-
Oats / 'Aja'	-	-	-
Rice	-	-	-
Pulses	643	643	-
Horse / Faba beans	-	-	-
Field Peas	-	-	-
Haricot beans white	319	319.46	-
Haricot beans red	321	321	-
Chick peas	-	-	-
Lentils	*	*	-
Vetch / Grass peas	-	-	-
Soya beans	-	-	-
Fenugreek	*	*	-
Mung bean/'Masho'/'	-	-	-
Gibto	-	-	-
Oilseeds	199	199	-
Neug	-	-	-
Linseed	-	-	-
Groundnuts	*	*	-
Safflower	-	-	-
Sesame	52	52	-
Rapeseed	*	*	-
Vegetables	36	36	-
Lettuce	-	-	-
Head cabbage	-	-	-
Ethiopian cabbage	*	*	-
Tomatoes	24	24	-
Green peppers	4	4	-
Red peppers	*	*	-
Swiss chard	-	-	-
Root crops	58	56	*
Beetroot	-	-	-
Carrot	-	-	-
Onion	*	*	-
Potatoes	*	*	-
Yam	-	-	-
Garlic	-	-	-
Taro 'Godere'	-	-	-
Sweet potatoes	38	35	*
Other Temporary	*	*	-
Permanent crops	126	126	-
Avocado	*	*	-
Bananas	*	*	-
Guava	14	14	-
Lemons	1	1	-
Mangoes	*	*	-
Oranges	*	*	-
Papayas	*	*	-
Pineapples	-	-	-
Stimulant Crops	1,294	1,294	-
Chat	1,160	1,160	-
Coffee	134	134	-
Hops / 'Geshe'	*	*	-
Enset	-	-	-
Sugar cane	-	-	-
Other permanent	31	31	-

Table 11: Number of Plots by Type of Sowing, 2016/17

National

Crop Type	Type of Sowing			
	Broadcast	%	Row	%
All	94,487,048	100.00	25,714,212	100.00
Cereals	49,497,662	52.39	14,030,831	54.56
Teff	12,350,165	13.07	490,251	1.91
Barley	6,736,591	7.13	293,954	1.14
Wheat	7,808,805	8.26	1,138,208	4.43
Maize	9,404,213	9.95	10,497,613	40.82
Sorghum	10,472,120	11.08	1,412,438	5.49
Finger millet	2,234,534	2.36	143,904	0.56
Oats / 'Aja'	261,523	0.28	*	*
Rice	229,709	0.24	43,473	0.17
Pulses	15,794,038	16.72	2,406,334	9.36
Horse / Faba beans	3,915,129	4.14	746,806	2.90
Field Peas	1,939,122	2.05	123,092	0.48
Haricot beans white	1,466,289	1.55	118,007	0.46
Haricot beans red	3,442,060	3.64	1,224,124	4.76
Chick peas	1,354,693	1.43	101,383	0.39
Lentils	1,110,393	1.18	11,040	0.04
Vetch / Grass peas	1,221,876	1.29	9,438	0.04
Soya beans	124,328	0.13	42,056	0.16
Fenugreek	842,080	0.89	18,002	0.07
Mung bean/"Masho"/	230,064	0.24	6,468	0.03
Gibto	148,005	0.16	5,919	0.02
Oilseeds	4,797,965	5.08	662,013	2.57
Neug	1,230,715	1.30	12,684	0.05
Linseed	1,023,878	1.08	14,495	0.06
Groundnuts	213,073	0.23	551,681	2.15
Safflower	226,369	0.24	19,206	0.07
Sesame	1,025,985	1.09	15,853	0.06
Rapeseed	1,077,944	1.14	48,094	0.19
Vegetables	9,978,170	10.56	3,192,615	12.42
Lettuce	40,983	0.04	11,318	0.04
Head cabbage	357,253	0.38	236,338	0.92
Ethiopian cabbage	4,970,786	5.26	880,448	3.42
Tomatoes	248,800	0.26	129,260	0.50
Green peppers	1,745,850	1.85	505,117	1.96
Red peppers	2,498,078	2.64	1,380,134	5.37
Swiss chard	116,422	0.12	50,000	0.19
Root crops	8,802,705	9.32	4,551,597	17.70
Beetroot	360,275	0.38	197,297	0.77
Carrot	115,879	0.12	80,389	0.31
Onion	616,240	0.65	420,605	1.64
Potatoes	585,930	0.62	868,542	3.38
Yam	471,291	0.50	116,633	0.45
Garlic	1,520,291	1.61	754,038	2.93
Taro 'Godere'	3,418,097	3.62	872,106	3.39
Sweet potatoes	1,714,702	1.81	1,241,987	4.83
Other Temporary	5,616,508	5.94	870,821	3.39

Table 11.1: Number of Plots by Type of Sowing

Tigray

Crop Type	Type of Sowing			
	Broadcast	%	Row	%
All	6,177,842	100.00	351,724	100.00
Cereals	4,824,847	78.10	269,001	76.48
Teff	948,862	15.36	17,400	4.95
Barley	836,213	13.54	3,908	1.11
Wheat	897,112	14.52	29,324	8.34
Maize	748,707	12.12	152,720	43.42
Sorghum	906,998	14.68	62,044	17.64
Finger millet	481,446	7.79	3,106	0.88
Oats / 'Aja'	*	*	-	-
Rice	*	*	*	*
Pulses	528,229	8.55	6,414	1.82
Horse / Faba beans	213,240	3.45	4,740	1.35
Field Peas	71,375	1.16	-	-
Haricot beans white	29,943	0.48	-	-
Haricot beans red	*	*	-	-
Chick peas	54,784	0.89	*	*
Lentils	69,610	1.13	*	*
Vetch / Grass peas	41,498	0.67	-	-
Soya beans	-	-	-	-
Fenugreek	38,122	0.62	*	*
Mung bean/'Masho'/'	*	*	-	-
Gibto	-	-	-	-
Oilseeds	338,120	5.47	3,883	1.10
Neug	65,545	1.06	*	*
Linseed	85,335	1.38	*	*
Groundnuts	*	*	*	*
Safflower	1,818	0.03	-	-
Sesame	178,276	2.89	1,838	0.52
Rapeseed	4,703	0.08	-	-
Vegetables	344,492	5.58	40,228	11.44
Lettuce	4,834	0.08	3,673	1.04
Head cabbage	5,233	0.08	2,349	0.67
Ethiopian cabbage	3,640	0.06	*	*
Tomatoes	34,735	0.56	8,016	2.28
Green peppers	67,928	1.10	17,082	4.86
Red peppers	221,313	3.58	5,862	1.67
Swiss chard	6,807	0.11	2,608	0.74
Root crops	103,707	1.68	29,682	8.44
Beetroot	*	*	-	-
Carrot	7,132	0.12	*	*
Onion	20,733	0.34	11,038	3.14
Potatoes	12,223	0.20	7,460	2.12
Yam	-	-	-	-
Garlic	62,230	1.01	10,146	2.88
Taro 'Godere'	-	-	-	-
Sweet potatoes	*	*	*	*
Other Temporary	38,447	0.62	2,516	0.72

Table 11.2: Number of Plots by type of Sowing

Afar

Crop Type	Type of Sowing			
	Broadcast	%	Row	%
All	84,443	100.00	157,023	100.00
Cereals	*	*	121,492	77.37
Teff	*	*	-	-
Barley	-	-	-	-
Wheat	*	*	-	-
Maize	*	*	120,889	76.99
Sorghum	*	*	*	*
Finger millet	-	-	-	-
Oats / 'Aja'	-	-	-	-
Rice	-	-	-	-
Pulses	12,387	14.67	*	*
Horse / Faba beans	-	-	-	-
Field Peas	*	*	-	-
Haricot beans white	*	*	-	-
Haricot beans red	*	*	-	-
Chick peas	*	*	-	-
Lentils	-	-	-	-
Vetch / Grass peas	-	-	-	-
Soya beans	-	-	-	-
Fenugreek	-	-	-	-
Mung bean/"Masho"/	*	*	*	*
Gibto	-	-	-	-
Oilseeds	*	*	*	*
Neug	-	-	-	-
Linseed	-	-	-	-
Groundnuts	-	-	-	-
Safflower	*	*	-	-
Sesame	*	*	*	*
Rapeseed	-	-	*	*
Vegetables	*	*	29,023	18.48
Lettuce	-	-	-	-
Head cabbage	-	-	-	-
Ethiopian cabbage	*	*	-	-
Tomatoes	*	*	*	*
Green peppers	*	*	*	*
Red peppers	*	*	*	*
Swiss chard	-	-	-	-
Root crops	*	*	*	*
Beetroot	-	-	*	*
Carrot	-	-	-	-
Onion	*	*	*	*
Potatoes	-	-	-	-
Yam	-	-	-	-
Garlic	-	-	-	-
Taro 'Godere'	-	-	-	-
Sweet potatoes	-	-	*	*
Other Temporary	-	-	*	*

Table 11.3 : Number of Plots by Type of Sowing

Amahara

Crop Type	Type of Sowing			
	Broadcast	%	Row	%
All	28,518,680	100.00	6,222,902	100.00
Cereals	16,782,067	58.85	3,804,576	61.14
Teff	4,997,686	17.52	193,643	3.11
Barley	2,523,764	8.85	72,776	1.17
Wheat	3,181,786	11.16	524,310	8.43
Maize	1,900,051	6.66	2,899,417	46.59
Sorghum	2,769,688	9.71	101,314	1.63
Finger millet	1,163,703	4.08	11,039	0.18
Oats / 'Aja'	52,681	0.18	*	*
Rice	192,709	0.68	*	*
Pulses	5,558,297	19.49	432,486	6.95
Horse / Faba beans	1,303,950	4.57	269,192	4.33
Field Peas	755,726	2.65	54,123	0.87
Haricot beans white	254,563	0.89	9,881	0.16
Haricot beans red	262,614	0.92	*	*
Chick peas	817,153	2.87	20,864	0.34
Lentils	644,273	2.26	4,021	0.06
Vetch / Grass peas	817,182	2.87	5,063	0.08
Soya beans	48,971	0.17	*	*
Fenugreek	332,324	1.17	*	*
Mung bean/'Masho'/	175,219	0.61	*	*
Gibto	146,323	0.51	3,341	0.05
Oilseeds	2,202,293	7.72	89,185	1.43
Neug	518,683	1.82	*	*
Linseed	435,118	1.53	*	*
Groundnuts	16,658	0.06	48,631	0.78
Safflower	162,220	0.57	*	*
Sesame	493,963	1.73	8,259	0.13
Rapeseed	575,651	2.02	22,941	0.37
Vegetables	1,741,711	6.11	865,675	13.91
Lettuce	10,668	0.04	*	*
Head cabbage	96,969	0.34	52,139	0.84
Ethiopian cabbage	285,121	1.00	14,722	0.24
Tomatoes	52,969	0.19	*	*
Green peppers	289,487	1.02	89,356	1.44
Red peppers	968,395	3.40	676,748	10.88
Swiss chard	38,103	0.13	19,679	0.32
Root crops	1,345,101	4.72	925,371	14.87
Beetroot	61,214	0.21	19,960	0.32
Carrot	31,787	0.11	6,038	0.10
Onion	192,262	0.67	126,440	2.03
Potatoes	207,124	0.73	367,549	5.91
Yam	*	*	*	*
Garlic	833,039	2.92	376,496	6.05
Taro 'Godere'	-	-	-	-
Sweet potatoes	18,858	0.07	23,624	0.38
Other Temporary	889,211	3.12	105,610	1.70

Table 11.4 : Number of Plots by Type of Sowing

Oromia

Crop Type	Type of Sowing			
	Broadcast	%	Row	%
All	38,387,127	100.00	12,352,861	100.00
Cereals	21,872,530	56.98	7,404,662	59.94
Teff	5,017,592	13.07	65,640	0.53
Barley	2,355,461	6.14	76,924	0.62
Wheat	3,122,163	8.13	256,750	2.08
Maize	5,136,013	13.38	5,699,396	46.14
Sorghum	5,533,819	14.42	1,149,242	9.30
Finger millet	497,671	1.30	107,991	0.87
Oats / 'Aja'	196,765	0.51	*	*
Rice	13,046	0.03	40,705	0.33
Pulses	6,103,275	15.90	776,245	6.28
Horse / Faba beans	1,492,308	3.89	235,894	1.91
Field Peas	610,662	1.59	20,964	0.17
Haricot beans white	1,067,722	2.78	84,213	0.68
Haricot beans red	1,267,295	3.30	352,093	2.85
Chick peas	407,265	1.06	40,579	0.33
Lentils	381,822	0.99	4,522	0.04
Vetch / Grass peas	354,500	0.92	4,375	0.04
Soya beans	37,286	0.10	18,244	0.15
Fenugreek	447,709	1.17	14,025	0.11
Mung bean/'Masho'/'	35,472	0.09	*	*
Gibto	*	*	-	-
Oilseeds	1,908,989	4.97	467,358	3.78
Neug	592,558	1.54	7,975	0.06
Linseed	442,865	1.15	8,952	0.07
Groundnuts	152,788	0.40	412,390	3.34
Safflower	42,564	0.11	14,298	0.12
Sesame	258,927	0.67	2,863	0.02
Rapeseed	419,286	1.09	20,881	0.17
Vegetables	4,165,289	10.85	1,314,209	10.64
Lettuce	21,371	0.06	6,603	0.05
Head cabbage	209,190	0.54	105,056	0.85
Ethiopian cabbage	1,792,475	4.67	274,138	2.22
Tomatoes	85,244	0.22	53,594	0.43
Green peppers	972,517	2.53	326,249	2.64
Red peppers	1,024,596	2.67	537,486	4.35
Swiss chard	59,897	0.16	11,082	0.09
Root crops	2,334,155	6.08	1,986,739	16.08
Beetroot	241,753	0.63	104,651	0.85
Carrot	52,818	0.14	42,183	0.34
Onion	270,432	0.70	185,849	1.50
Potatoes	144,609	0.38	301,765	2.44
Yam	22,838	0.06	*	*
Garlic	525,648	1.37	301,216	2.44
Taro 'Godere'	846,468	2.21	303,958	2.46
Sweet potatoes	229,588	0.60	737,806	5.97
Other Temporary	2,002,890	5.22	403,649	3.27

Table 11.5: Number of Plots by Type of Sowing

Somalie

Crop Type	Type of Sowing			
	Broadcast	%	Row	%
All	198,382	100.00	*	*
Cereals	169,562	85.47	*	*
Teff	-	-	-	-
Barley	*	*	-	-
Wheat	*	*	-	-
Maize	64,361	32.44	*	*
Sorghum	91,123	45.93	*	*
Finger millet	-	-	-	-
Oats / 'Aja'	*	*	-	-
Rice	-	-	-	-
Pulses	*	*	*	*
Horse / Faba beans	-	-	-	-
Field Peas	-	-	-	-
Haricot beans white	*	*	-	-
Haricot beans red	*	*	*	*
Chick peas	-	-	-	-
Lentils	-	-	-	-
Vetch / Grass peas	-	-	-	-
Soya beans	-	-	-	-
Fenugreek	-	-	-	-
Mung bean/'Masho'	-	-	-	-
Gibto	-	-	-	-
Oilseeds	*	*	*	*
Neug	-	-	-	-
Linseed	*	*	-	-
Groundnuts	*	*	*	*
Safflower	-	-	-	-
Sesame	*	*	-	-
Rapeseed	*	*	-	-
Vegetables	8,927	4.50	*	*
Lettuce	-	-	-	-
Head cabbage	-	-	-	-
Ethiopian cabbage	-	-	-	-
Tomatoes	7,279	3.67	*	*
Green peppers	*	*	*	*
Red peppers	*	*	*	*
Swiss chard	-	-	*	*
Root crops	8,059	4.06	*	*
Beetroot	-	-	*	*
Carrot	-	-	*	*
Onion	8,012	4.04	*	*
Potatoes	-	-	-	-
Yam	-	-	-	-
Garlic	-	-	-	-
Taro 'Godere'	-	-	-	-
Sweet potatoes	*	*	*	*
Other Temporary	*	*	-	-

Table 11.6 : Number of Plots by Type of Sowing
Benshangule-Gumze

Crop Type	Type of Sowing			
	Broadcast	%	Row	%
All	1,053,640	100.00	333,293	100.00
Cereals	495,084	46.99	153,485	46.05
Teff	58,213	5.52	*	*
Barley	6,226	0.59	*	*
Wheat	4,660	0.44	*	*
Maize	171,450	16.27	130,803	39.25
Sorghum	189,030	17.94	*	*
Finger millet	59,042	5.60	1,334	0.40
Oats / 'Aja'	*	*	-	-
Rice	6,179	0.59	*	*
Pulses	121,421	11.52	26,938	8.08
Horse / Faba beans	6,304	0.60	*	*
Field Peas	4,831	0.46	*	*
Haricot beans white	17,043	1.62	*	*
Haricot beans red	49,616	4.71	5,325	1.60
Chick peas	4,254	0.40	*	*
Lentils	*	*	-	-
Vetch / Grass peas	-	-	-	-
Soya beans	28,097	2.67	10,524	3.16
Fenugreek	1,143	0.11	-	-
Mung bean/"Masho"/	9,164	0.87	*	*
Gibto	*	*	-	-
Oilseeds	183,448	17.41	57,722	17.32
Neug	48,448	4.60	*	*
Linseed	9,810	0.93	*	*
Groundnuts	22,444	2.13	55,668	16.70
Safflower	*	*	*	*
Sesame	81,885	7.77	*	*
Rapeseed	13,982	1.33	-	-
Vegetables	75,876	7.20	39,123	11.74
Lettuce	*	*	-	-
Head cabbage	3,194	0.30	2,692	0.81
Ethiopian cabbage	11,069	1.05	*	*
Tomatoes	6,149	0.58	*	*
Green peppers	11,452	1.09	2,338	0.70
Red peppers	42,334	4.02	32,704	9.81
Swiss chard	*	*	*	*
Root crops	59,930	5.69	43,951	13.19
Beetroot	3,028	0.29	*	*
Carrot	*	*	*	*
Onion	7,531	0.71	5,772	1.73
Potatoes	3,164	0.30	6,472	1.94
Yam	*	*	*	*
Garlic	10,846	1.03	*	*
Taro 'Godere'	6,700	0.64	2,675	0.80
Sweet potatoes	25,905	2.46	24,536	7.36
Other Temporary	117,880	11.19	12,074	3.62

Table 11.7 : Number of Plots by Type of Sowing

S.N.N.P

Crop Type	Type of Sowing			
	Broadcast	%	Row	%
All	19,745,097	100.00	6,123,801	100.00
Cereals	5,091,383	25.79	2,176,526	35.54
Teff	1,325,302	6.71	213,026	3.48
Barley	1,011,605	5.12	140,075	2.29
Wheat	591,027	2.99	324,083	5.29
Maize	1,295,062	6.56	1,434,059	23.42
Sorghum	812,800	4.12	42,120	0.69
Finger millet	32,672	0.17	20,433	0.33
Oats / 'Aja'	7,544	0.04	*	*
Rice	15,370	0.08	*	*
Pulses	3,437,607	17.41	1,159,978	18.94
Horse / Faba beans	899,283	4.55	233,952	3.82
Field Peas	495,926	2.51	46,998	0.77
Haricot beans white	78,596	0.40	*	*
Haricot beans red	1,832,928	9.28	808,839	13.21
Chick peas	68,337	0.35	37,763	0.62
Lentils	13,744	0.07	*	*
Vetch / Grass peas	8,632	0.04	-	-
Soya beans	9,620	0.05	5,962	0.10
Fenugreek	22,572	0.11	1,473	0.02
Mung bean/'Masho'/'	7,652	0.04	*	*
Gibto	*	*	*	*
Oilseeds	144,649	0.73	16,931	0.28
Neug	*	*	*	*
Linseed	50,426	0.26	3,016	0.05
Groundnuts	4,633	0.02	*	*
Safflower	12,753	0.06	*	*
Sesame	8,056	0.04	*	*
Rapeseed	63,780	0.32	*	*
Vegetables	3,604,132	18.25	889,230	14.52
Lettuce	3,232	0.02	*	*
Head cabbage	42,525	0.22	73,801	1.21
Ethiopian cabbage	2,862,059	14.50	589,998	9.63
Tomatoes	57,144	0.29	37,734	0.62
Green peppers	399,870	2.03	58,898	0.96
Red peppers	228,538	1.16	114,106	1.86
Swiss chard	10,765	0.05	13,927	0.23
Root crops	4,928,514	24.96	1,544,047	25.21
Beetroot	53,533	0.27	70,993	1.16
Carrot	23,076	0.12	30,139	0.49
Onion	115,295	0.58	85,420	1.39
Potatoes	218,365	1.11	184,876	3.02
Yam	444,267	2.25	99,822	1.63
Garlic	88,484	0.45	63,800	1.04
Taro 'Godere'	2,551,371	12.92	564,239	9.21
Sweet potatoes	1,434,123	7.26	444,760	7.26
Other Temporary	2,538,812	12.86	337,088	5.50

Table 11.8 : Number of Plots by Type of Sowing

Gambella

Crop Type	Type of Sowing			
	Broadcast	%	Row	%
All	121,831	100.00	51,455	100.00
Cereals	44,870	36.83	29,578	57.48
Teff	*	*	*	*
Barley	*	*	*	*
Wheat	-	-	-	-
Maize	20,311	16.67	28,053	54.52
Sorghum	23,663	19.42	1,420	2.76
Finger millet	-	-	-	-
Oats / 'Aja'	-	-	-	-
Rice	*	*	-	-
Pulses	6,735	5.53	1,508	2.93
Horse / Faba beans	*	*	-	-
Field Peas	-	-	-	-
Haricot beans white	858	0.70	*	*
Haricot beans red	5,149	4.23	*	*
Chick peas	-	-	-	-
Lentils	-	-	-	-
Vetch / Grass peas	*	*	-	-
Soya beans	*	*	*	*
Fenugreek	*	*	-	-
Mung bean/'Masho'/	229	0.19	243	0.47
Gibto	-	-	-	-
Oilseeds	*	*	258	0.50
Neug	*	*	-	-
Linseed	-	-	48	0.09
Groundnuts	*	*	*	*
Safflower	-	-	*	*
Sesame	*	*	-	-
Rapeseed	*	*	-	-
Vegetables	24,939	20.47	3,176	6.17
Lettuce	-	-	-	-
Head cabbage	*	*	-	-
Ethiopian cabbage	16,271	13.36	818	1.59
Tomatoes	1,808	1.48	1,237	2.40
Green peppers	2,115	1.74	*	*
Red peppers	4,553	3.74	*	*
Swiss chard	*	*	-	-
Root crops	20,910	17.16	8,335	16.20
Beetroot	-	-	-	-
Carrot	-	-	-	-
Onion	*	*	*	*
Potatoes	*	*	-	-
Yam	1,677	1.38	*	*
Garlic	*	*	-	-
Taro 'Godere'	13,558	11.13	1,235	2.40
Sweet potatoes	5,043	4.14	4,807	9.34
Other Temporary	23,660	19.42	8,601	16.72

Table 11.9 : Number of Plots by Type of Sowing

Harari

Crop Type	Type of Sowing			
	Broadcast	%	Row	%
All	61,759	100.00	86,230	100.00
Cereals	50,608	81.94	61,142	70.91
Teff	-	-	-	-
Barley	*	*	-	-
Wheat	838	1.36	895	1.04
Maize	8,076	13.08	25,947	30.09
Sorghum	41,530	67.25	34,301	39.78
Finger millet	-	-	-	-
Oats / 'Aja'	*	*	-	-
Rice	-	-	-	-
Pulses	584	0.95	-	-
Horse / Faba beans	-	-	-	-
Field Peas	-	-	-	-
Haricot beans white	*	*	-	-
Haricot beans red	*	*	-	-
Chick peas	-	-	-	-
Lentils	*	*	-	-
Vetch / Grass peas	-	-	-	-
Soya beans	-	-	-	-
Fenugreek	-	-	-	-
Mung bean/'Masho'/'	-	-	-	-
Gibto	-	-	-	-
Oilseeds	6,758	10.94	21,264	24.66
Neug	-	-	-	-
Linseed	-	-	-	-
Groundnuts	5,023	8.13	21,066	24.43
Safflower	-	-	-	-
Sesame	*	*	*	*
Rapeseed	-	-	-	-
Vegetables	*	*	1,101	1.28
Lettuce	-	-	-	-
Head cabbage	-	-	301	0.35
Ethiopian cabbage	-	-	-	-
Tomatoes	*	*	*	*
Green peppers	-	-	*	*
Red peppers	*	*	-	-
Swiss chard	-	-	-	-
Root crops	553	0.90	2,278	2.64
Beetroot	-	-	*	*
Carrot	-	-	-	-
Onion	*	*	*	*
Potatoes	*	*	*	*
Yam	-	-	-	-
Garlic	-	-	*	*
Taro 'Godere'	-	-	-	-
Sweet potatoes	318	0.51	1,550	1.80
Other Temporary	3,022	4.89	*	*

Table 11.10 : Number of Plots by Type of Sowing

Dire Dawa

Crop Type	Type of Sowing			
	Broadcast	%	Row	%
All	138,246	100.00	9,686	100.00
Cereals	107,462	77.73	2,527	26.09
Teff	-	-	-	-
Barley	*	*	-	-
Wheat	*	*	-	-
Maize	8,731	6.32	443	4.57
Sorghum	98,111	70.97	2,084	21.52
Finger millet	-	-	-	-
Oats / 'Aja'	-	-	-	-
Rice	-	-	-	-
Pulses	24,064	17.41	*	*
Horse / Faba beans	-	-	-	-
Field Peas	-	-	-	-
Haricot beans white	10,930	7.91	*	*
Haricot beans red	12,906	9.34	*	*
Chick peas	-	-	-	-
Lentils	*	*	-	-
Vetch / Grass peas	-	-	-	-
Soya beans	-	-	-	-
Fenugreek	*	*	-	-
Mung bean/"Masho"/	-	-	-	-
Gibto	-	-	-	-
Oilseeds	2,540	1.84	*	*
Neug	-	-	-	-
Linseed	-	-	-	-
Groundnuts	*	*	*	*
Safflower	-	-	-	-
Sesame	1,776	1.28	-	-
Rapeseed	*	*	-	-
Vegetables	1,626	1.18	1,867	19.28
Lettuce	-	-	-	-
Head cabbage	-	-	-	-
Ethiopian cabbage	*	*	-	-
Tomatoes	684	0.49	1,203	12.42
Green peppers	530	0.38	664	6.86
Red peppers	*	*	-	-
Swiss chard	-	-	-	-
Root crops	874	0.63	3,330	34.38
Beetroot	-	-	-	-
Carrot	-	-	-	-
Onion	*	*	*	*
Potatoes	*	*	*	*
Yam	-	-	-	-
Garlic	-	-	-	-
Taro 'Godere'	-	-	-	-
Sweet potatoes	*	*	2,896	29.90
Other Temporary	*	*	*	*

Table 12: Number of Holders by land use area before the crop calender year, 2016/17

Geographic area	All Holders	Fallow Land	Crop Land	Pasture,Forest & Marginal Land	Crop Land Owned by other holder	Others
Ethiopia	21,273,172	571,109	14,508,236	2,477,966	856,108	698,830
Tigray Region	1,005,808	58,758	892,484	12,020	36,313	28,158
North West Tigray	217,306	20,793	206,401	1,452	9,037	4,792
Central Tigray	277,252	9,313	217,859	1,047	2,778	8,288
East Tigray	166,613	6,176	91,081	3,347	933	6,472
South Tigray	227,637	4,700	208,118	1,062	7,990	6,526
Western Tigray	117,000	17,777	169,025	5,112	15,576	2,081
Afar Region	991,931	24,043	147,971	73,427	*	36,414
Zone 1	971,857	23,934	143,267	73,123	*	36,065
Zone 3	20,073	109	4,704	304	*	349
Amhara Region	4,872,107	131,172	4,382,858	439,195	340,136	121,406
North Gondar	770,069	49,377	785,121	61,326	98,289	11,259
South Gondar	527,204	11,263	524,230	29,092	31,484	7,532
North Wollo	406,872	5,110	285,734	15,970	10,394	10,270
South Wollo	723,452	*	485,662	49,228	19,512	29,413
North Shewa	557,946	27,182	561,972	69,195	24,732	17,525
East Gojjam	650,144	4,008	625,808	31,847	62,090	15,694
West Gojjam	662,952	5,060	640,563	89,723	55,509	16,781
Waghamera	111,673	2,369	117,191	173	3,235	2,609
Awii	304,368	10,332	289,315	89,349	30,952	6,825
Oromia Zone	147,961	1,214	61,529	3,161	3,312	3,353
Argoba Special	9,467	32	5,730	131	628	145
Oromia Region	8,617,515	275,559	6,597,375	1,442,068	353,183	363,895
West Welega	393,036	40,096	375,667	36,439	22,581	12,493
East Welega	289,371	24,585	363,795	87,245	34,033	8,694
Illubabor	419,645	13,572	407,976	70,597	14,682	16,022
Jimma	848,758	9,833	729,671	144,356	18,223	26,683
West Shewa	560,445	29,974	585,016	142,581	70,860	25,887
South West Shewa	353,361	36,248	388,074	164,775	28,731	24,367
North Shewa	389,338	2,906	433,649	45,602	39,449	23,190
East Shewa	652,599	27,774	618,078	83,368	34,318	39,180
Arsi	918,187	3,452	316,959	147,342	5,905	21,708
West Harerge	1,418,039	11,634	395,420	127,864	5,516	75,850
East Harerge	385,201	11,824	449,962	103,553	12,174	15,687
Bale	305,070	*	105,172	22,164	*	8,422
Borena	385,807	7,582	379,611	58,054	25,932	20,179
Guji	324,764	6,373	172,173	32,474	*	9,926
West Arsi	571,206	20,655	362,719	131,237	16,820	24,467
Kelem	245,714	15,677	230,077	11,950	8,728	6,319
Horoguduru	156,974	8,501	283,354	32,466	13,749	4,821
Somali Region	307,050	5,069	95,790	37,015	*	17,657
Shinele	13,151	*	2,781	1,449	*	536
Jijiga	105,828	3,808	81,468	33,942	*	11,215
Liben	188,072	*	11,541	1,624	*	5,906
Benishangul – Gumuz	235,848	16,898	205,841	17,067	37,145	7,087
Metekel Zone	115,440	9,092	107,957	13,592	32,618	2,663
Asosa	85,822	6,080	56,561	2,349	*	*
Kemashi	19,802	743	30,982	992	2,920	128
Mao Komo	14,784	983	10,341	133	451	211
S.N.N.P Region	5,105,381	56,543	2,127,952	452,850	42,401	119,075
Gurage	283,709	6,736	143,665	61,220	12,567	5,132
Hadiya	301,425	2,514	167,121	43,631	4,894	5,718
Kembata – Tembaro	141,019	739	61,461	14,244	1,852	2,580
Sidama	1,674,814	3,841	393,650	112,388	*	29,096
Gedio	323,641	*	88,617	*	*	4,026
Wolayita	505,238	*	163,779	34,643	*	19,862
South Omo	181,179	*	105,095	10,990	*	5,639

Table 12 (cont'd)

Geographic Area	All Holders	Fallow Land	Crop Land	Pasture, Forest & Marginal Land	Crop Land Owned by other holder	Others
Sheka	93,385	*	48,597	7,403	2,890	1,640
Keffa	365,247	8,571	229,461	59,017	6,556	9,957
Gamo - Gofa	486,900	11,832	254,027	20,087	*	17,592
Benchi – Maji	166,361	749	93,431	9,713	3,754	3,196
Yem	28,216	510	26,124	4,202	1,596	1,453
Dawro	144,283	1,808	72,350	16,842	*	4,038
Basketo	15,138	493	7,493	430	*	811
Konta	52,230	905	21,934	3,829	*	1,095
Silitie	197,326	1,878	124,272	35,166	2,324	3,526
Alaba	63,938	876	51,952	9,427	*	1,258
Segen Peoples	81,332	1,329	74,924	3,615	*	2,456
Gambella Region	70,426	*	26,552	1,949	592	3,621
Agnuwak	27,841	*	7,129	*	*	2,880
Nuware	13,089	23	3,305	*	-	324
Mezhenger	25,553	*	15,331	570	457	408
Itang	3,943	2	787	0	-	10
Harari Region	35,443	952	18,243	366	*	788
Dire Dawa	31,661	18	13,170	2,010	38	727

APPENDIX I

**ESTIMATION PROCEDURES OF TOTALS, RATIOS AND SAMPLING
ERRORS**

APPENDIX I :Estimation Procedures of Totals, Ratios and Sampling Errors

The following formulas were used to estimate total area of land under specific crop, total holders, quantity of fertilizer applied and seed sowed, and ratios in a stratum.

1. For Estimating Total Area of Land Under Specific Crop:

$$\hat{A}_h = \sum_{i=1}^{n_h} W_{hi} \sum_{j=1}^{h_{hi}} a_{hij} = \sum_{i=1}^{n_h} W_{hi} a_{hi}$$

in which, $W_{hi} = \frac{M_h H_{hi}}{n_h m_{hi} h_{hi}}$ is the basic weight.

Where:

h represents the stratum

n_h is the total number of sample EAs successfully covered in the h^{th} stratum.

M_h is the measure of size of the h^{th} stratum as obtained from the sampling frame.

m_{hi} is the measure of size of the i^{th} sample EA in the h^{th} stratum obtained from the sampling frame.

H_{hi} is the total number of agricultural households of the i^{th} sample EA in the h^{th} stratum.

h_{hi} is the number of sample agricultural households successfully covered in the i^{th} sample EA in the h^{th} stratum.

a_{hij} is the value of area for agricultural households j , in the i^{th} EA in the h^{th} stratum under a specific crop.

a_{hi} is the sample total area under specific crop for EA i in stratum h .

$\hat{A}_h$ estimate of total area under specific crop in stratum h .

2. For Estimating Total Number of Holders:

$$\hat{Y}_h = \sum_{i=1}^{n_h} W_{hi} y_{hi}$$

Where:

y_{hi} is the sample total number of holders of i^{th} EA in the h^{th} stratum.

$\hat{Y}_h$ is estimate of total number of holders for the h^{th} stratum.

W_{hi} is as defined above.

3. For Estimating Quantity of Fertilizer and seed in Stratum h :

$$\hat{Q}_h = \sum_{i=1}^{n_h} W_{hi} q_{hi}$$

where,

$\hat{Q}_h$ is estimate of total quantity of a specific fertilizer applied or seed sowed for a specific crop land in the h^{th} stratum.

q_{hi} is the sample total of a specific fertilizer applied or seed sowed for a specific crop land in the i^{th} EA in the h^{th} stratum.

W_{hi} is as defined above.

4. For Estimating Ratios in Stratum h :

$$\hat{R}_h = \frac{\hat{Z}_h}{\hat{X}_h},$$

Where, the numerator and denominator are estimates of domain totals for characteristic z and x , respectively.

5. Sampling Variance of Estimates:

Sampling variance for the estimate of stratum total of area for a specific crop and holders, and ratios are estimated by the following formulas.

$$\begin{aligned}
Var(\hat{A}_h) &= (1 - f_h) \frac{n_h}{n_h - 1} \sum_{i=1}^{n_h} \left(\hat{A}_{hi} - \frac{\hat{A}_h}{n_h} \right)^2 + f_h \sum_{i=1}^{n_h} (1 - f_{hi}) \left(\frac{h_{hi}}{h_{hi} - 1} \right) \sum_{j=1}^{h_{hi}} \left(\hat{A}_{hij} - \frac{\hat{A}_{hi}}{h_{hi}} \right)^2 \\
Var(\hat{Y}_h) &= (1 - f_h) \frac{n_h}{n_h - 1} \sum_{i=1}^{n_h} \left(\hat{Y}_{hi} - \frac{\hat{Y}_h}{n_h} \right)^2 + f_h \sum_{i=1}^{n_h} (1 - f_{hi}) \left(\frac{h_{hi}}{h_{hi} - 1} \right) \sum_{j=1}^{h_{hi}} \left(\hat{Y}_{hij} - \frac{\hat{Y}_{hi}}{h_{hi}} \right)^2 \\
Var(\hat{Q}_h) &= (1 - f_h) \frac{n_h}{n_h - 1} \sum_{i=1}^{n_h} \left(\hat{Q}_{hi} - \frac{\hat{Q}_h}{n_h} \right)^2 + f_h \sum_{i=1}^{n_h} (1 - f_{hi}) \left(\frac{h_{hi}}{h_{hi} - 1} \right) \sum_{j=1}^{h_{hi}} \left(\hat{Q}_{hij} - \frac{\hat{Q}_{hi}}{h_{hi}} \right)^2 \\
Var(\hat{R}_h) &= \frac{1}{\hat{X}_h^2} \left[Var(\hat{Z}_h) + \hat{R}_h^2 Var(\hat{X}_h) - 2\hat{R}_h Cov(\hat{Z}_h, \hat{X}_h) \right]
\end{aligned}$$

Where,

$$Cov(\hat{Z}_h, \hat{X}_h) = (1 - f_h) \frac{n_h}{n_h - 1} \sum_{i=1}^{n_h} \left(\hat{Z}_{hi} - \frac{\hat{Z}_h}{n_h} \right) \left(\hat{X}_{hi} - \frac{\hat{X}_h}{n_h} \right) + f_h \sum_{i=1}^{n_h} (1 - f_{hi}) \left(\frac{h_{hi}}{h_{hi} - 1} \right) \sum_{j=1}^{h_{hi}} \left(\hat{Z}_{hij} - \frac{\hat{Z}_{hi}}{h_{hi}} \right) \left(\hat{X}_{hij} - \frac{\hat{X}_{hi}}{h_{hi}} \right)$$

f_h = average first stage probability of selection of EAs within stratum h .

$f_{hi} = \frac{h_{hi}}{H_{hi}}$ = average second stage probability of selection within the i^{th} sample EA in stratum h .

$\hat{A}_{hi}, \hat{Y}_{hi}, \hat{Q}_{hi}, \hat{Z}_{hi}, \hat{X}_{hi}$ are weighted total area, holder, quantity of fertilizer or seed, characteristics z and x , respectively, in the i^{th} EA and h^{th} stratum.

$\hat{A}_{hij}, \hat{Y}_{hij}, \hat{Q}_{hij}, \hat{Z}_{hij}, \hat{X}_{hij}$ are weighted value of area, holder, quantity of fertilizer or seed, characteristics z and x , respectively, from j^{th} agricultural household in the i^{th} EA and h^{th} stratum.

Since all strata are independent, the total variance at regional and country level is computed by aggregating the result obtained at Zone/Special Wereda level, i.e.

$$Var(\hat{A}) = \sum_h^L Var(\hat{A}_h), Var(\hat{Y}) = \sum_h^L Var(\hat{Y}_h), Var(\hat{R}) = \sum_{i=1}^L Var(\hat{R}_h)$$

Where, L is the number of strata (Zone/Special Wereda).

In estimating the sampling variance by the above formula, selection of EAs within a stratum is assumed to be with replacement. By so doing the variance estimate may be slightly over estimated but it greatly simplifies the estimation procedure.

6. Coefficient of Variation (CV) of Estimates:

Coefficient of Variations (CV's) in percentage for estimates of stratum total area, number of holders, applied fertilizer and sowed seed for a specific crop are given by:

$$\begin{aligned}
CV(\hat{A}_h) &= \frac{\sqrt{Var(\hat{A}_h)}}{\hat{A}_h} * 100, CV(\hat{Y}_h) = \frac{\sqrt{Var(\hat{Y}_h)}}{\hat{Y}_h} * 100, CV(\hat{Q}_h) = \frac{\sqrt{Var(\hat{Q}_h)}}{\hat{Q}_h} * 100, \\
CV(\hat{R}_h) &= \frac{\sqrt{Var(\hat{R}_h)}}{\hat{R}_h} * 100
\end{aligned}$$

7. Ninety-five Percent Confidence Interval (CI) of Stratum Total of Area:

$$\hat{A}_h \pm 1.96 * SE(\hat{A}_h) ,$$

Where, $SE(\hat{A}_h) = \sqrt{Var(\hat{A}_h)}$ is the standard error of the estimate of stratum total area.

Estimates of standard errors and confidence intervals for other estimates can also be calculated by adopting the above formulas.

APPENDIX II
ESTIMATES OF STANDARD ERRORS AND COEFFICIENT OF
VARIATIONS

APPENDIX II:-Estimate of Inputs Applied Area, quantity of inputs used and their Standard Errors and Coefficient of Variations

Crop	All Fertilizer						DAP					
	Area (ha)			Quantity (qt)			Area (ha)			Quantity (Qt)		
	Estimate	S.E	C.V	Estimate	S.E	C.V	Estimate	S.E	C.V	Estimate	S.E	C.V
All	8473264	147917	1.75	11431605	321775	2.81	806345	54290	6.73	719438	50863	7.07
Cereals	6918312	136353	1.97	9659539	262616	2.72	662248	49866	7.53	559620	43739	7.82
Teff	2427296	84639	3.49	3038309	137996	4.54	223744	23047	10.3	169677	18723	11.03
Barley	599320	39011	6.51	621114	44344	7.14	79417	11639	14.66	68699	10133	14.75
Wheat	1463367	68642	4.69	2442762	132112	5.41	150633	24546	16.3	150266	22791	15.17
Maize	1614234	53779	3.33	2835584	125680	4.43	98683	11702	11.86	93440	12158	13.01
Sorghum	451956	30939	6.85	383217	54725	14.28	52720	8662	16.43	36915	6587	17.85
Finger millet	316131	23490	7.43	291160	26533	9.11	50250	8675	17.26	35237	8688	24.66
Oats/'Aja'	11177	2077	18.59	9620	1800	18.71	4279	1493	34.89	3513	1087	30.93
Rice	34831	10681	30.67	37773	12247	32.42	2523	1052	41.71	1874	770	41.11
Pulse	420788	17905	4.26	388172	21950	5.65	88320	7297	8.26	82892	7451	8.99
Horse/Faba beans	168877	10177	6.03	131092	9308	7.1	29692	3661	12.33	27876	3768	13.52
Field peas	70422	6222	8.84	62606	7061	11.28	14296	2628	18.38	12110	2173	17.95
White Haricot beans	17777	3612	20.32	22966	6113	26.62	1864	906	48.58	3866	1707	44.16
Red Haricot beans	87204	8925	10.23	106560	13829	12.98	30583	4638	15.16	31347	5187	16.55
Chick peas	17772	2966	16.69	14399	4407	30.61	3320	747	22.51	2197	531	24.17
Lentiles	31238	5120	16.39	27556	5077	18.43	3817	1162	30.44	2169	520	23.98
Vetch/Grass peas	5668	1416	24.98	3447	1307	37.91	80	79	99.55	24	24	99.55
Soya beans	4304	1208	28.06	4198	1450	34.53	3258	1155	35.46	1737	606	34.88
Fenugreek	11461	1726	15.06	11371	1965	17.28	812	408	50.21	864	359	41.54
Mung bean/'Masho"	5040	1567	31.09	1889	884	46.81	539	358	66.44	613	498	81.23
Gibto	1024	308	30.1	2088	626	29.99	61	58	95.63	89	87	98.32
Oile Seeds	104740	9543	9.11	188803	28425	15.06	14301	3040	21.26	9697	2224	22.94
Nueg	23859	4482	18.79	7459	1326	17.78	1845	958	51.94	316	131	41.5
Linseed	10529	1862	17.68	7802	1866	23.91	1213	513	42.3	1311	604	46.05
Ground nuts	11172	3566	31.92	36645	21043	57.43	1539	631	40.99	3180	1712	53.83
Safflower	2533	536	21.15	12664	4440	35.06	137	81	59.24	190	102	53.53
Sesame	39220	6737	17.18	16679	3457	20.73	8505	2696	31.7	3397	1060	31.21
Rapeseed	17428	1915	10.99	107554	17708	16.46	1063	441	41.51	1303	590	45.28
Vegetables	191617	23537	12.28	547931	97054	17.71	11027	3228	29.28	13841	4326	31.26
Lettuce	102	51	49.98	165	115	69.61	28	27	99.82	41	41	99.82
Head Cabbage	5081	1162	22.87	10623	3062	28.82	324	220	67.95	244	145	59.35
Ethiopian Cabbage	26842	1790	6.67	12990	3055	23.52	918	244	26.56	1103	293	26.51
Tomatoes	2757	475	17.23	5247	1642	31.29	377	195	51.87	544	241	44.26
Green peppers	5760	741	12.86	8764	3058	34.89	456	175	38.3	691	226	32.71
Red papers	150861	23434	15.53	510021	96634	18.95	8912	3198	35.89	11206	4311	38.47
Swiss chard	213	66	30.76	121	64	53.17	13	10	76.73	12	8	68.4
Root Crops	153557	10160	6.62	245893	36437	14.82	7747	1430	18.45	10032	1785	17.8
Beet root	1719	353	20.53	1318	369	27.99	36	24	67.96	35	22	63.54
Carrot	1907	615	32.27	2406	844	35.08	62	40	65.63	55	39	71.74
Onion	25918	5446	21.01	81798	29877	36.52	745	212	28.45	896	262	29.25
Potatoes	58481	7597	12.99	118861	20030	16.85	5101	1303	25.54	5658	1555	27.48
Yam	3570	767	21.49	468	361	77.14	38	35	92.48	57	53	92.48
Garlic	11480	1426	12.42	26108	4943	18.93	500	171	34.33	698	255	36.49
Taro/'Godere'	24772	2085	8.42	2727	545	19.99	193	56	28.98	242	75	30.99
Sweet potatoes	25711	2110	8.21	12206	3053	25.01	1073	432	40.24	2391	712	29.77
Other Temporary	46784	6642	14.2	102763	18253	17.76	3734	1327	35.53	3913	1166	29.8
Fruit Crops	36284	2633	7.26	16904	4109	24.31	1040	215	20.69	1745	387	22.19
Avocado	8189	821	10.02	3146	1374	43.67	72	32	43.89	107	47	44.43
Bananas	21276	2067	9.71	6143	1306	21.26	796	196	24.64	1175	280	23.81
Guava	579	154	26.68	1707	1324	77.57	6	3	60.64	8	5	60.65
Lemons	380	102	26.8	463	234	50.64	10	9	88.83	14	13	88.83
Mangos	3466	384	11.09	4012	1560	38.89	122	48	39.56	164	64	39.17
Oranges	1028	113	11.02	122	49	39.75	18	13	74.03	27	20	74.33
Papayas	1194	138	11.52	1311	550	41.93	16	10	63.96	249	238	95.49
Pineapples	172	78	45.61	-	-	-	-	-	-	-	-	-
Stimulant Crops	284177	17229	6.06	253084	30448	12.03	15840	3107	19.61	35968	8219	22.85
Chat	128386	9850	7.67	167207	24109	14.42	10553	2629	24.92	22179	4684	21.12
Coffee	138355	12540	9.06	43720	8752	20.02	5230	979	18.72	13659	4523	33.12
Hops/'Gesho'	17436	1767	10.14	42157	13044	30.94	58	30	51.44	130	70	54.11
Enset	299613	15105	5.04	6187	1160	18.75	1736	577	33.26	1374	393	28.58
Sugar Cane	11882	2207	18.57	9692	5503	56.78	185	55	29.52	230	67	29.31
Other Permanent	5508	452	8.21	12639	2808	22.22	167	78	46.57	127	38	29.57

APPENDIX II (cont'd)

Crop	UREA						UREA + DAP					
	Area (ha)			Quantity (qt)			Area (ha)			Quantity (Qt)		
	Estimate	S.E	C.V	Estimate	S.E	C.V	Estimate	S.E	C.V	Estimate	S.E	C.V
All	401470	26897	6.7	382070	52941	13.86	1553382	70805	4.56	2679969	139118	5.19
Cereals	330328	24193	7.32	299858	37299	12.44	1420520	66884	4.71	2319177	119934	5.17
Teff	126140	13350	10.58	70350	9229	13.12	537912	38397	7.14	682457	55075	8.07
Barley	13329	2045	15.34	9056	1534	16.94	111768	11793	10.55	174377	17281	9.91
Wheat	27025	3538	13.09	21144	2874	13.59	326521	27109	8.3	586864	55694	9.49
Maize	66686	8511	12.76	84968	11346	13.35	298521	22263	7.46	638690	53354	8.35
Sorghum	57137	8748	15.31	90391	29383	32.51	80309	12026	14.98	159303	25798	16.19
Finger millet	25314	4761	18.81	13309	2390	17.96	59573	8362	14.04	69889	10852	15.53
Oats/'Aja'	163	83	51.23	370	146	39.39	1360	621	45.64	1725	671	38.9
Rice	14535	6731	46.31	10269	5933	57.78	4556	1522	33.4	5872	2143	36.5
Pulse	12397	1840	14.84	9077	1442	15.89	32486	3837	11.81	73298	9119	12.44
Horse/Faba beans	2396	613	25.59	1686	450	26.71	9372	1515	16.17	16474	2227	13.52
Field peas	677	280	41.42	448	129	28.78	4673	847	18.13	6736	1245	18.49
White Haricot beans	1212	537	44.29	776	269	34.67	1468	1208	82.25	11678	4412	37.78
Red Haricot beans	1451	330	22.74	1894	443	23.41	9843	2112	21.46	24358	6137	25.2
Chick peas	1038	378	36.39	533	235	44.14	3431	1569	45.73	6707	2748	40.98
Lentiles	3392	1215	35.82	1819	575	31.62	1699	415	24.42	2184	499	22.87
Vetch/Grass peas	62	62	99.86	20	20	99.86	372	362	97.52	721	693	96.07
Soya beans	61	60	97.7	5	4	79.93	161	78	48.31	1481	1160	78.3
Fenugreek	956	409	42.72	1489	788	52.92	1132	510	45.03	2495	783	31.4
Mung bean/'Masho'	1030	538	52.23	310	159	51.43	297	191	64.33	334	220	65.9
Gibto	122	87	71.41	99	76	77.08	38	27	70.89	130	92	70.89
Oil Seeds	14433	3838	26.59	25656	14171	55.24	16406	3390	20.66	28528	9571	33.55
Nueg	523	287	54.86	250	86	34.37	1261	647	51.31	1055	401	38.04
Linseed	553	411	74.32	388	125	32.15	1191	600	50.39	1533	599	39.11
Ground nuts	2711	1366	50.39	21457	14122	65.81	512	192	37.53	11300	8901	78.77
Safflower	466	188	40.45	393	170	43.36	479	274	57.31	910	554	60.91
Sesame	9425	3543	37.59	2492	643	25.79	10981	3168	28.84	7450	2166	29.08
Rapeseed	756	187	24.74	675	177	26.21	1983	785	39.58	6280	2648	42.16
Vegetables	16645	3561	21.39	12207	2615	21.42	31361	4710	15.02	81667	13572	16.62
Lettuce	6	3	44.1	6	3	44.1	20	19	93.75	67	63	93.74
Head Cabbage	178	77	43.48	171	76	44.56	504	200	39.65	1054	426	40.45
Ethiopian Cabbage	228	59	25.86	201	55	27.27	894	398	44.53	2631	1336	50.8
Tomatoes	155	63	40.63	98	35	35.63	572	187	32.8	2153	1109	51.51
Green peppers	351	162	46.17	714	425	59.52	457	152	33.3	1883	730	38.74
Red papers	15722	3553	22.6	11011	2576	23.39	28914	4678	16.18	73877	13405	18.15
Swiss chard	6	3	52.94	6	3	52.92	-	-	99.54	2	2	99.54
Root Crops	6341	1066	16.8	8623	2139	24.81	19686	4636	23.55	54525	12418	22.78
Beet root	114	62	54.13	241	145	60.09	242	170	70.29	297	192	64.51
Carrot	146	51	34.79	126	43	34.37	112	56	50.1	214	100	46.73
Onion	1901	746	39.22	1771	587	33.14	4847	1589	32.78	13697	4772	34.84
Potatoes	2043	609	29.79	3339	1440	43.11	12083	4294	35.53	29510	10903	36.95
Yam	-	-	-	-	-	-	163	151	92.22	394	352	89.28
Garlic	637	157	24.63	760	182	23.96	1758	671	38.16	4487	2010	44.78
Taro/'Godere'	650	227	35.01	579	211	36.4	232	89	38.52	635	229	36.05
Sweet potatoes	850	301	35.43	1807	735	40.69	248	81	32.66	5290	2776	52.47
Other Temporary	2737	1024	37.42	2512	762	30.32	9164	3715	40.54	31385	11532	36.74
Fruit Crops												
Avocado												
Bananas												
Guava												
Lemons												
Mangos												
Oranges												
Papayas												
Pineapples												
Stimulant Crops												
Chat												
Coffee												
Hops/'Gesho'												
Enset												
Sugar Cane												
Other Permanent												

APPENDIX II (cont'd)

Crop	NPS						NPS + UREA					
	Area (ha)			Quantity (qt)			Area (ha)			Quantity (Qt)		
	Estimate	S.E	C.V	Estimate	S.E	C.V	Estimate	S.E	C.V	Estimate	S.E	C.V
All	1532404	79300	5.17	1629082	96310	5.91	2591672	110146	4.25	6021045	288530	4.79
Cereals	1349490	73233	5.43	1363820	83222	6.1	2414770	103111	4.27	5117063	238966	4.67
Teff	524326	39697	7.57	453232	36704	8.1	955534	63431	6.64	1662594	127507	7.67
Barley	182278	26383	14.47	194990	31489	16.15	113642	13512	11.89	173991	19318	11.1
Wheat	345378	37051	10.73	405012	44712	11.04	570763	43867	7.69	1279477	110743	8.66
Maize	139559	16676	11.95	148872	15988	10.74	699300	42079	6.02	1869613	115694	6.19
Sorghum	19810	4768	24.07	25924	11991	46.26	34644	9533	27.52	70684	23645	33.45
Finger millet	129925	16744	12.89	126955	18388	14.48	34608	5897	17.04	45769	8553	18.69
Oats/'Aja'	3517	1015	28.85	3163	1001	31.65	567	269	47.38	849	378	44.5
Rice	4697	4380	93.23	5673	5479	96.59	5712	2469	43.22	14085	6257	44.42
Pulse	120548	10374	8.61	119975	10370	8.64	48707	5993	12.3	102930	12975	12.61
Horse/Faba beans	57085	6564	11.5	58836	6469	10.99	11909	1769	14.86	26219	4571	17.43
Field peas	29504	4568	15.48	27256	4080	14.97	6785	1102	16.24	16057	3609	22.48
White Haricot												
beans	4082	1886	46.2	4391	2336	53.2	1157	424	36.6	2255	811	35.99
Red Haricot beans	14839	3691	24.87	17058	3680	21.58	10212	2807	27.49	31904	8916	27.95
Chick peas	887	506	57.03	715	519	72.62	2679	1924	71.83	4248	3215	75.68
Lentiles	8004	2440	30.48	6714	2194	32.67	12152	3585	29.5	14670	4139	28.21
Vetch/Grass peas	1386	722	52.06	799	423	52.93	602	259	42.97	1883	1024	54.39
Soya beans	450	308	68.5	657	544	82.75	161	120	74.47	318	267	84.23
Fenugreek	3493	910	26.06	2395	693	28.92	2771	666	24.03	4127	1033	25.02
Mung												
bean/'Masho"	280	184	65.73	210	132	62.64	188	119	63.46	422	245	58.11
Gibto	538	189	35.1	944	345	36.58	93	42	44.51	827	381	46.04
Oil Seeds	19337	3405	17.61	18122	2796	15.43	8442	1370	16.22	106800	18216	17.06
Nueg	11739	2876	24.5	3278	794	24.23	924	400	43.24	2560	913	35.68
Linseed	4122	1429	34.68	2383	851	35.73	702	336	47.89	2187	1364	62.38
Ground nuts	142	128	90.08	356	300	84.28	10	10	95.76	351	240	68.55
Safflower	456	246	53.85	2251	1113	49.45	500	238	47.61	8921	4179	46.85
Sesame	367	169	45.88	1727	969	56.09	966	738	76.36	1613	1189	73.69
Rapeseed	2510	691	27.52	8127	1731	21.3	5340	932	17.45	91169	17303	18.98
Vegetables	6621	1333	20.14	39363	13030	33.1	81229	21691	26.7	400853	93708	23.38
Lettuce	-	-	-	-	-	-	5	5	99.03	50	50	99.03
Head Cabbage	1317	632	47.96	3106	1844	59.35	1249	474	37.97	6047	2312	38.24
Ethiopian Cabbage	188	50	26.49	1003	425	42.35	230	67	29.07	8053	2560	31.79
Tomatoes	11	5	46.02	51	29	57.21	601	310	51.61	2400	1187	49.47
Green peppers	103	29	28.03	374	129	34.52	686	505	73.6	5102	2798	54.83
Red papers	5000	1169	23.38	34774	12617	36.28	78458	21663	27.61	379154	93412	24.64
Swiss chard	3	2	75.97	55	52	95.54	1	1	57.81	47	34	72.95
Root Crops	27164	5027	18.51	56263	13058	23.21	25073	4966	19.8	116450	30558	26.24
Beet root	221	102	45.92	429	182	42.38	81	36	44.27	315	108	34.32
Carrot	638	375	58.76	563	320	56.86	431	221	51.37	1449	672	46.38
Onion	5690	2361	41.5	8116	3225	39.73	10364	4400	42.45	57319	29173	50.9
Potatoes	18202	4366	23.98	42640	12583	29.51	11130	2134	19.17	37714	7627	20.22
Yam	-	-	-	-	-	-	1	-	70.68	17	12	71.36
Garlic	1612	481	29.85	3131	743	23.73	2296	543	23.63	17031	4267	25.05
Taro/'Godere'	118	56	47.81	231	93	40.14	115	73	63.13	1040	426	40.91
Sweet potatoes	683	257	37.59	1154	461	39.94	657	330	50.18	1565	542	34.6
Other Temporary	4476	2777	62.03	7269	2537	34.9	4533	1121	24.74	57683	12708	22.03
Fruit Crops												
Avocado												
Bananas												
Guava												
Lemons												
Mangos												
Oranges												
Papayas												
Pineapples												
Stimulant Crops												
Chat												
Coffee												
Hops/'Gesho'												
Enset												
Sugar Cane												
Other Permanent												

APPENDIX II (cont'd)

Crop	Indigenous Seed						Improved Seed					
	Area (ha)			Quantity (qt)			Area (ha)			Quantity (Qt)		
	Estimate	S.E	C.V	Estimate	S.E	C.V	Estimate	S.E	C.V	Estimate	S.E	C.V
All	13291161	204578	1.54	9646641	240306	2.49	1417458	57008	4.02	690142	34627	5.02
Cereals	8855232	158877	1.79	7641111	206211	2.7	1364212	56492	4.14	671475	34341	5.11
Teff	2929721	94797	3.24	1422830	55263	3.88	88194	9026	10.23	30352	3092	10.19
Barley	944587	47011	4.98	1663607	96575	5.81	14687	4639	31.59	25686	6938	27.01
Wheat	1531015	69415	4.53	3122610	158289	5.07	165067	13219	8.01	307525	26369	8.57
Maize	1045673	38874	3.72	551716	21447	3.89	1089899	51861	4.76	305223	16288	5.34
Sorghum	1876689	80471	4.29	560214	26878	4.8	5282	1442	27.3	1669	452	27.07
Finger millet	455516	26825	5.89	202604	14160	6.99	656	297	45.26	293	179	61.04
Oats/'Aja'	24041	3568	14.84	38786	6003	15.48	-	-	-	-	-	-
Rice	47990	14034	29.24	78744	27825	35.34	428	191	44.55	727	328	45.1
Pulse	1535055	46201	3.01	1766151	68936	3.9	14856	2636	17.74	17980	3456	19.22
Horse/Faba beans	425393	18822	4.42	605428	34011	5.62	2304	771	33.47	3537	1205	34.06
Field peas	212268	12707	5.99	239137	17099	7.15	263	167	63.44	250	149	59.56
White Haricot beans	77680	8983	11.56	87397	12628	14.45	1230	574	46.68	865	430	49.75
Red Haricot beans	205848	17422	8.46	195977	25764	13.15	5444	1570	28.84	6091	1552	25.48
Chick peas	222201	17700	7.97	244951	22560	9.21	3407	1459	42.83	6097	2558	41.95
Lentiles	112263	10561	9.41	98515	9756	9.9	1422	706	49.64	674	343	50.96
Vetch/Grass peas	151269	15366	10.16	200926	21396	10.65	-	-	-	-	-	-
Soya beans	36330	8458	23.28	46249	14035	30.35	305	193	63.07	276	180	65.26
Fenugreek	34603	5821	16.82	22676	4045	17.84	-	-	-	2	2	100.1
Mung bean/'Masho'	37293	7059	18.93	14999	2734	18.23	482	323	67.12	188	119	63.33
Gibto	19908	4117	20.68	9898	1917	19.37	-	-	-	-	-	-
Oilseeds	799529	63120	7.89	239379	19139	8	5223	2127	40.73	687	314	45.67
Nueg	281206	21072	7.49	50227	4440	8.84	-	-	-	-	-	-
Linseed	80041	7657	9.57	46561	5677	12.19	312	275	88.18	304	258	84.91
Ground nuts	74858	11622	15.53	86754	16009	18.45	4	4	98.27	2	2	98.27
Safflower	6735	1201	17.84	2294	1214	52.92	3	3	99.87	-	-	99.87
Sesame	333080	58648	17.61	41512	5665	13.65	4847	2109	43.52	370	179	48.36
Rapeseed	23609	2222	9.41	12032	4259	35.4	57	33	57.79	11	8	71.21
Vegetables	236034	24334	10.31	-	-	-	3576	994	27.79	-	-	-
Lettuce	111	51	45.73	-	-	-	6	5	84.05	-	-	-
Head Cabbage	4679	716	15.31	-	-	-	1510	726	48.08	-	-	-
Ethiopian Cabbage	36066	2016	5.59	-	-	-	24	9	36.99	-	-	-
Tomatoes	5134	717	13.97	-	-	-	1165	532	45.68	-	-	-
Green peppers	9779	1150	11.76	-	-	-	53	32	60.48	-	-	-
Red papers	179919	24222	13.46	-	-	-	782	298	38.15	-	-	-
Swiss chard	345	89	25.74	-	-	-	36	26	72.05	-	-	-
Root Crops	226744	11584	5.11	-	-	-	2335	604	25.85	-	-	-
Beet root	2715	499	18.39	-	-	-	171	64	37.53	-	-	-
Carrot	2113	699	33.1	-	-	-	465	191	40.99	-	-	-
Onion	32789	6057	18.47	-	-	-	815	332	40.78	-	-	-
Potatoes	66328	7966	12.01	-	-	-	596	343	57.51	-	-	-
Yam	5600	959	17.12	-	-	-	4	4	99.67	-	-	-
Garlic	15371	1585	10.31	-	-	-	10	5	47.74	-	-	-
Taro/'Godere'	48074	2837	5.9	-	-	-	14	7	52.59	-	-	-
Sweet potatoes	53755	3709	6.9	-	-	-	262	211	80.52	-	-	-
Other Temporary	97006	10579	10.91	-	-	-	2343	2060	87.91	-	-	-
Fruit Crops	105910	11351	10.72	-	-	-	-	-	-	-	-	-
Avocado	17739	1218	6.87	-	-	-	-	-	-	-	-	-
Bananas	62490	10721	17.16	-	-	-	-	-	-	-	-	-
Guava	3088	951	30.79	-	-	-	-	-	-	-	-	-
Lemons	1285	211	16.4	-	-	-	-	-	-	-	-	-
Mangos	15102	1406	9.31	-	-	-	-	-	-	-	-	-
Oranges	2437	192	7.89	-	-	-	-	-	-	-	-	-
Papayas	3123	237	7.58	-	-	-	-	-	-	-	-	-
Pineapples	645	265	41.08	-	-	-	-	-	-	-	-	-
Stimulant Crops	966964	47347	4.9	-	-	-	20272	4479	22.09	-	-	-
Chat	254809	16316	6.4	-	-	-	-	-	-	-	-	-
Coffee	681163	41685	6.12	-	-	-	19304	4469	23.15	-	-	-
Hops/'Gesho'	30991	2455	7.92	-	-	-	-	-	-	-	-	-
Enset	415404	16538	3.98	-	-	-	-	-	-	-	-	-
Sugar Cane	31213	3495	11.2	-	-	-	-	-	-	-	-	-
Other Permanent	22071	2028	9.19	-	-	-	-	-	-	-	-	-

Crop	PESTICIDE			IRRIGATION			EXTENSION PACKAGE		
	Area (ha)			Area (ha)			Area (ha)		
	Estimate	S.E	C.V	Estimate	S.E	C.V	Estimate	S.E	C.V
All	3551116	122905	3.46	195374	25263	12.93	4234179	120158	2.84
Cereals	3257099	116058	3.56	61928	11279	18.21	3766998	110942	2.95
Teff	1451416	73184	5.04	10269	3388	33	1035235	55932	5.4
Barley	288920	30657	10.61	2494	807	32.35	241675	24631	10.19
Wheat	944656	59402	6.29	3812	853	22.37	822822	55478	6.74
Maize	186904	26087	13.96	28943	5478	18.93	1235507	53797	4.35
Sorghum	225189	27122	12.04	15106	6730	44.55	237183	20243	8.53
Finger millet	145650	15547	10.67	503	234	46.49	170453	16750	9.83
Oats/'Aja'	11066	2467	22.29	96	87	91.11	6833	1597	23.38
Rice	3299	1211	36.71	705	502	71.15	17289	8671	50.15
Pulse	173125	17711	10.23	4448	1320	29.67	208965	14711	7.04
Horse/Faba beans	37248	5762	15.47	350	123	35.19	65169	6106	9.37
Field peas	18839	4005	21.26	201	149	73.85	24143	3462	14.34
White Haricot beans	2795	1583	56.64	352	224	63.55	6545	2427	37.08
Red Haricot beans	10209	3348	32.8	1472	1161	78.87	59249	10194	17.21
Chick peas	30017	6267	20.88	1159	391	33.71	14324	3017	21.06
Lentiles	31822	6798	21.36	258	150	58.05	13165	2765	21
Vetch/Grass peas	19103	6832	35.76	70	70	100.16	5911	2659	44.99
Soya beans	6147	4609	74.98	5	5	100.29	6387	2857	44.74
Fenugreek	2654	1076	40.53	146	61	41.79	4775	1307	27.37
Mung bean/'Masho'	14292	3334	23.32	433	260	60	7893	2302	29.16
Gibto	-	-	-	-	-	-	1405	649	46.2
Oilseeds	26092	6840	26.21	919	240	26.09	63015	6922	10.98
Nueg	2714	1066	39.27	118	93	79.46	4643	1277	27.5
Linseed	5495	1532	27.87	253	160	63.38	7339	1751	23.86
Ground nuts	346	182	52.76	298	124	41.7	7988	2080	26.04
Safflower	325	179	55.13	46	42	90.64	1700	435	25.6
Sesame	16761	6462	38.55	141	65	46.1	31629	5820	18.4
Rapeseed	452	195	43.18	64	43	66.34	9715	1550	15.96
Vegetables	14651	2354	16.07	8441	1195	14.16	76536	15239	19.91
Lettuce	19	14	77.06	61	46	74.98	38	28	74.22
Head Cabbage	1893	691	36.47	907	328	36.14	1676	605	36.1
Ethiopian Cabbage	1079	320	29.64	626	222	35.55	1377	329	23.9
Tomatoes	1052	300	28.47	2760	639	23.14	1964	450	22.89
Green peppers	688	432	62.71	1302	333	25.53	1406	566	40.22
Red papers	9915	2092	21.1	2716	771	28.4	70024	15198	21.7
Swiss chard	4	3	70.84	68	34	49.57	51	27	52.3
Root Crops	47016	7694	16.36	23954	5292	22.09	47153	6687	14.18
Beet root	561	298	52.99	496	292	58.74	322	119	36.95
Carrot	874	403	46.1	389	138	35.5	1047	639	60.98
Onion	18461	5207	28.21	13476	4888	36.27	14396	4574	31.77
Potatoes	22998	5489	23.87	4785	1077	22.5	24329	4540	18.66
Yam	12	10	81.71	6	5	70.98	62	49	78.54
Garlic	3980	1034	25.98	1531	365	23.82	3599	717	19.92
Taro/'Godere'	80	48	60.13	57	28	49.29	784	238	30.38
Sweet potatoes	50	49	98.59	3213	1289	40.13	2615	905	34.59
Other Temporary	3244	966	29.79	4845	2960	61.1	9687	1810	18.69
Fruit Crops	512	194	37.81	21144	10537	49.84	4138	791	19.13
Avocado	57	22	39.11	555	324	58.38	227	66	29.16
Bananas	102	50	49.18	16754	10349	61.77	2177	648	29.75
Guava	40	37	93.14	391	88	22.51	198	75	38.12
Lemons	4	3	73.01	595	158	26.53	218	100	45.99
Mangos	150	82	54.64	1472	297	20.18	922	302	32.79
Oranges	91	38	41.54	554	106	19.14	123	46	37.02
Papayas	67	44	66.24	821	262	31.94	272	106	38.75
Pineapples	-	-	-	2	2	97.42	-	-	-
Stimulant Crops	27675	5187	18.74	55744	7960	14.28	51165	6771	13.23
Chat	18198	4403	24.19	38921	6770	17.39	29348	4514	15.38
Coffee	8164	2564	31.4	12385	2376	19.18	16642	4921	29.57
Hops/'Gescho'	1314	447	34.02	4438	517	11.65	5175	1006	19.43
Enset	1068	496	46.5	3545	1905	53.74			
Sugar Cane	275	141	51.22	7826	2240	28.62	1705	541	31.71
Other permanent	359	163	45.37	2579	640	24.82	1358	282	20.74

APPENDIX III

NUMBER OF EAs SAMPLED AND COVERED
NUMBER OF HOUSEHOLDS SAMPLED AND COVERED
NUMBER OF PARCELS AND FIELDS MEASURED

**Appendix III(a):Number of Planned and Actually Covered Sampling Units (EAs & Households) ofthe 2016/17 (2009 E.C)
Annual Agricultural Sample Survey (Meher Season).**

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
Tigray	North Western Tigray	31	32	620	640
	Central Tigray	39	39	780	780
	Eastern Tigray	29	29	580	580
	Southern Tigray	38	38	760	758
	Western Tigray	47	44	940	880
	Region Total	184	182	3,680	3,638
Afar	Zone One	29	29	580	866
	Zone Three	19	19	380	570
	Region Total	48	48	960	1,436
Amhara	North Gonder	49	49	980	979
	South Gonder	45	45	900	900
	North Wello	46	46	920	916
	South Wello	49	49	980	980
	North Shewa	47	45	940	900
	East Gojam	47	47	940	937
	West Gojam	46	46	920	919
	Wag Hemira	29	28	580	576
	Awi	32	32	640	639
	Oromia	28	28	560	560
	Argoba special wereda	20	20	400	400
	Region Total	438	435	8,760	8,706
Oromia	West Wellega	43	43	860	859
	East Wellega	40	40	800	800
	Illubabor	48	48	960	959
	Jimma	47	47	940	938
	West Shewa	44	44	880	880
	North Shewa	38	39	760	779

Appendix III(a)...(Cont'd)

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
Oromia	East Shewa	40	40	800	799
	Arsi	53	53	1,060	1,059
	West Harerghe	42	41	840	820
	East Harerghe	47	48	940	960
	Bale	44	44	880	877
	Borena	37	37	740	731
	South West Shewa	38	38	760	759
	Guji	38	38	760	759
	Kelem Wellega	36	38	720	757
	Horoguduru Wellega	36	36	720	720
	West Arsi	39	36	780	719
	Region Total	710	710	14,200	14,175
Somali	Shinile	20	20	400	399
	Jijiga	28	28	560	560
	Liben	23	21	460	415
	Region Total	71	69	1420	1,374
Benishangul-Gumuz	Metekel	31	30	620	600
	Asosa	26	26	520	520
	Kemashi	20	20	400	400
	Mao Komo special wereda	20	20	400	400
	Region Total	97	96	1940	1,920
SNNP	Guraghe	41	41	820	820
	Hadiya	33	33	660	659
	Kembata_Tambaro	33	33	660	659
	Sidama	45	45	900	898
	Gedeo	33	33	660	660
	Wolayita	39	39	780	778

APPENDIX III (a)...(Cont'd)

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
SNNP	South Omo	36	34	720	672
	Shaka	24	24	480	477
	Keffa	36	37	720	735
	Gamo Gofa	42	42	840	838
	Bench Maji	36	36	720	719
	Yem Specia Wereda	20	20	400	398
	Dawro	32	32	640	640
	Basketo Special Wereda.	20	20	400	399
	Konta Special Wereda.	21	20	420	400
	Siltie	30	30	600	600
	Alaba Special Wereda.	20	20	400	396
	Segen Peoples	40	34	800	679
	Region Total	581	573	11620	11,427
Gambela	Agnuak	21	21	420	630
	Nuer	19	19	380	568
	Mejenger	20	19	400	570
	Etang	10	7	200	181
	Region Total	70	66	1400	1,949
Harari	Harari	24	24	480	480
Dire Dawa	Dire Dawa	24	24	480	479
Country Total		2247	2223	44940	44363

Appendix III (b) Number of Parcels and Fields measured by Region and Zone

Region	Zone	Parcels	Fields
Tigray	North West Tigray	2,037	5,925
	Central Tigray	2,531	8,496
	Eastern Tigray	1,837	6,533
	Southern Tigray	3,337	6,319
	Western Tigray	2,258	5,373
	Regional Total	12,000	32,646
Afar	Zone one	1,205	1,967
	Zone Three	829	1,011
Regional Total		2,034	2,978
Amahara	North Gondor	4,222	9,011
	South Gondor	4,684	10,629
	North Wello	3,855	9,576
	South Wello	5,521	13,220
	North Shoa	4,673	11,762
	East Gojam	4,370	10,460
	West Gojam	4,406	11,429
	Waghmra	2,266	4,761
	Awi	2,568	7,444
	Oromia	1,384	4,327
	Argoba Special	1,127	2,369
	Regional Total	39,076	94,988
Oromia	West Wellega	4,849	15,555
	East Wellega	3,327	10,566
	Iluababora	3,151	13,664
	Jimma	3,018	18,456
	West Shoa	3,903	10,628
	Noth Shoa	4,339	9,029
	East Shoa	3,141	5,881
	Arsi	3,725	8,553
	West harerge	1,940	8,455
	East Harerge	3,091	12,060
	Bale	2,800	6,484
	Borena	1,172	4,163
	South West Shoa	2,708	10,321
	Gugi	1,512	5,369
	West Arsi	1,688	5,353
	Kelem Welega	4,042	12,216
	Horogudru welega	2,988	9,378
	Regional Total	51,394	166,131

Appendix III (b) (cont'd) Parcels and Fields measured by Region and Zone

Region	Zone	Parcels	Fields
Somali	Shinle	616	1,396
	Jijiga	1,085	2,060
	Liben	511	825
Regional Total		2,212	4,281
Benshangul Gumuz	Metekel	1,829	5,668
	Assosa	1,686	5,581
	Kamashi	1,133	3,300
	Mao-Komo	1,255	5,748
Regional Total		5,903	20,297
SNNP	Guragie	1,612	14,386
	Hadiya	1,200	11,901
	Kenbata Tenbaro	1,282	14,907
	Sidama	1,471	9,873
	Gedeo	1,352	5,491
	Wolayita	1,108	15,949
	South Omo	1,463	7,758
	Sheka	1,170	8,316
	Kaffa	1,414	14,115
	Gamo-Goffa	2,296	14,572
	Bench-Magi	1,726	13,248
	Yem Special	1,313	10,000
	Amaro Special	833	9,100
	Burgi Special	849	10,206
	Konso Special	490	6,221
	Derashe Special	1,450	9,872
	Dawro	943	6,807
	Basketo	1,567	7,456
	Konta	23,539	190,178
	Silte	1,044	3,674
	Alaba Special	1,175	2,096
Regional Total		1,393	8,592
Gambella	Agnwak	337	691
	Nuwer	3,949	15,053
	Mezengr	1,538	5,090
	Itang Special	1,538	5,090
Regional Total		1,449	4,117
Harari Region	Harari	1,449	4,117
Dire Dawa Administration	Dire Dawa	616	1,396
Country Total		143,094	535,759

APPENDIX IV: SURVEY QUESTIONNAIRE

CENTRAL STATISTICAL AUTHORITY
ETHIOPIAN AGRICULTURAL SAMPLE SURVEY 2015/16 (2009 EC)

PART I – IDENTIFICATION PARTICULARS

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Region	Zone	Wereda	PA/ REST.AR	EA LOCAL	HH ID	HH HEAD SEX 1=M 2=F	HOLDER ID	HOLDER'S		SEX M=1 F=2	HIGHEST GRADE COMPLETED	HOLDER'S HH SIZE	FARMING TYPE CROP=1 LIVEST=2 BOTH=3
								NAME	AGE				

PART II – CROP FIELD / OTHER LAND USE

15	16										17						
SER. NO.	QUESTIONS FOR THE HOLDER										PARCEL NO.		FIELD NO.				
											IS THE FIELD PURE STAND =1						
											MIXED CROP =2				OTHER LAND USE=3		
											CROP/OTHER NAME		CROP NAME		CROP NAME		
											CODE		CODE		CODE		
0	1	Ownership Own = 1 Rented in =2 Other =3															
0	2	Is field under Extension Program? Yes =1 No = 2															
0	3	Is Field Irrigated? Yes =1 No =2															
0	4	If Field Irrigated source of water River =1 Lake =2 Pond =3 Harvested water =4 other =5															
0	5	Is Field Prevented form Erosion Yes = 1 No =2															
0	6	If yes in #5, common way of prevention Terracing = 1 Other =5 Water catchments =2 Afforestation = 3 Plough along the cont. = 4															
0	7	Percent share of mixed crops															
0	8	Number of Fruit Trees (excluding chat, pineapple, sugarcane)															
0	9	Number of Fruit Bearing Trees (excluding , chat, pineapple, sugarcane)															
1	0	Percentage share of Fruit Bearing Trees (excluding , chat, pineapple, sugarcane)															
1	1	Seed / Seedling Type Improved Seed = 1 indigenous seed = 2															
1	2	For Cereals, Pulses & Oilseeds only										Kilo	Gram	Kilo	Gram	Kilo	Gram
1	2	Quantity of improved seeds used															
1	3	For Cereals, Pulses & Oilseeds only										Birr	Cents	Birr	Cents	Birr	Cents
1	3	Price of improved seeds used															
1	4	For Cereals, Pulses & Oilseeds only										Kilo	Gram	Kilo	Gram	Kilo	Gram
1	4	Quantity of indigenous seeds used															
1	5	Was crop damaged ? Yes = 1 No =2															
1	6	If yes in question number 14, Cause of damage Code															
1	7	Percent of damaged crop															
1	8	Prevention/precaution measure taken? Yes =1 No =2															
1	9	Type of measure if any? Chemical = 1 Non – chemical = 2 Both = 3															
2	0	Chemical type used if any Pesticide =1 herbicide =2 Fungicide =3 1&2 =4 1 & 3 =5 2 & 3 =6 All = 7															
2	1	Is Fertilizer Used? Yes =1 No = 2															
2	2	Type of fertilizer used if any? Natural = 1 Chemical = 2 Both = 3															
		If chemical fertilizer used															
		23.1 Type UREA = 1 DAP = 2 Both = 3 NPS=4															
2	3	23.2 Quantity of chemical fertilizer used										Kilo		Gram			
		If natural fertilizer used, type															
2	4	Manure = 1 Compost = 2 Organic = 3 1 & 2 = 4 1&3 = 5 2 & 3 = 6 All = 7 others = 8															
2	5	How often is temporary crop field used in Meher (main) season?															
2	6	If twice in #24 which crop is the 2 nd harvest?										Crop name	code	Crop name	code	Crop name	code
2	7	What was the previous state of the field ? Fallow =1 crop field =2 Virgin =3 Rented in cropfield =4 other =5															

PART 3A: RESULTS OF AREA MEASUREMENTS Using GPS

18	19	20	21	22	23	24	25
GPS Accuracy during field measureme nt	Is the field measured? yes=1 No=2						Comments
	Area of measured field		Is the field Flat =1 Partially Sloppy = 2 Sloppy = 3	Code	If the field covered? None , 1 With plant / permanent crop = 2 With house = 3 Partially covered , 4 Others , 5	Code	
	Area in square meters (Clockwise)	Area in square meters (Anti-Clockwise)					
Field measurement			Date		Month		

PART 3B – RESULTS OF AREA MEASUREMENTS USING COMPASS-ROPE

18	19	20	21	22	23	24	25	26
Is the field measured? Yes =1 No = 2								Code
Side	1 - 2	2 - 3	3 -	4 -	5 -	6 -	7 -	8 -
Bearing (0)								
Length								
Side	9 -	10 -	11 -	12 -	13 -	14 -	15 -	16 -
Bearing(0)								
Length								
Side	17 -	18 -	19 -	20 -	21 -	22 -	23 -	24 -
Bearing (0)								
Length								
Side	25 -	26 -	27 -	28 -	29 -	30 -	31 -	32 -
Bearing (0)								
Length								
Field Measurement	date	month	Closure error		Area in square meters			
For fields selected	Selected corner number		Shortest side length		Random number			
For crop cutting	Shortest side Bearing		Longest side length		Random number			

	Name	Signature	Date
Data collector			
Field Supervisor			

CENTRAL STATISTICAL AUTHORITY
ETHIOPIAN AGRICULTURAL SAMPLE SURVEY 2016/17 (2009 E.C)

PART I – IDENTIFICATION PARTICULARS

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Region	Zone	Wereda	PA/ REST.AR	EA LOCAL	HH ID	HH HEAD SEX 1=M 2=F	HOLDER ID	HOLDER'S		SEX M=1 F=2	HIGHEST GRADE COMPLETED	HOLDER'S HH SIZE	FARMING TYPE CROP=1 LIVEST=2 BOTH=3
								NAME	AGE				

PART II – MISCELLANEOUS QUESTIONS FOR THE HOLDER

15	16	17
SER.NO.	QUESTIONS	CODE
1	Do you exercise crop rotation on your land holding? Yes = 1 No = 2	
2	Reason for not using chemical fertilizers on any one of your crop fields Ignorance = 1 High price = 2 Lack of Money = 3 Non – availability of supply = 4 lack of credit service = 5 Skeptical of the outcome = 6 Others (specify) = 7	
3	Reason for not participating in Extension Program Ignorance = 1 Lack of Money = 2 Skeptical of the outcome = 3 Non – availability of the program = 4 Lack of adequate crop fields = 5 Others (specify) = 6	
4	Do you get credit services? Yes = 1 No = 2	
5	If no in # 4 Why? Non availability of the service = 1 Unable to pay the loan = 2 Inadequate services provided = 3 Ignorance = 4 Does not yield any results = 5 Others = 6	
6	Do you get advisory services? Yes = 1 No = 2	
7	If no in # 6 Why? Non availability of the service = 1 Inadequate services provided = 2 Inadequate services provided = 2 Ignorance = 3 Does not yield any results = 4 Others = 5	
8	Your major supplier of fertilizer is Government organizations = 1 Private organizations = 2 Merchants = 3 Others (Specify) = 4 Never used fertilizer = 5	
9	Total Chemical fertilizers (Urea+Dap) purchased for main season in 2009 E.c (it includes gifts, loans, supports)	Killo gram
9.1	Total Dap fertilizers purchased for main season in 2009 E.c (it includes gifts, loans, supports)	
9.2	Total Urea fertilizers purchased for main season in 2009 E.c (it includes gifts, loans, supports)	
10	How many oxen do you have in this Meher season?	
11	If you have one or no ox how do you plough? By renting ox = 1 By pairing mine with someone's ox = 2 By pairing mine with cow/ horse = 3 Using horses or cows = 4 Hand digging = 5 Using borrowed oxen = 6 others = 7	
12	Total number of fields recorded for the holder	
13	Total number of crop fields recorded for the holder	
14	Has the holder ploughed additional fields over that of the previous year? Yes = 1 No = 2	
15	If yes in question # 13, what was the previous state of the additional fields? Holder's virgin land = 1 Public/ Community virgin land = 2 Borrowed fallow land = 3 Other = 4	