

THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA

CENTRAL STATISTICAL AGENCY

AGRICULTURAL SAMPLE SURVEY

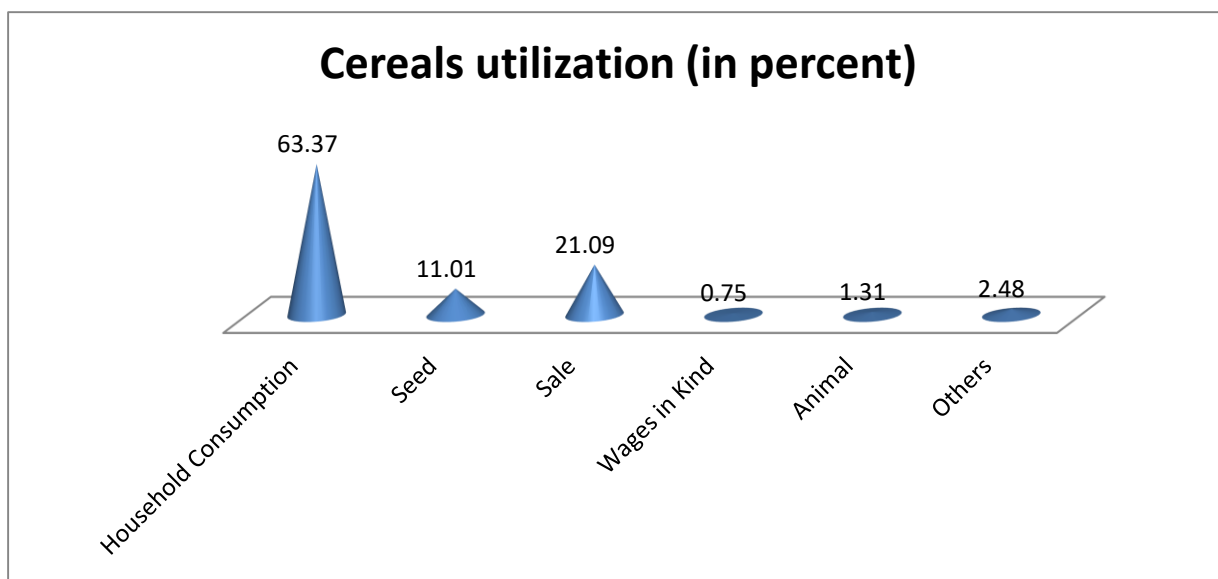
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VOLUME VII

REPORT ON

**CROP AND LIVESTOCK PRODUCT UTILIZATION
(PRIVATE PEASANT HOLDINGS, MEHER SEASON)**



ADDIS ABABA

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PART I

INTRODUCTION AND OBJECTIVES OF THE SURVEY

1.1 INTRODUCTION

Agriculture is the livelihood of the overwhelming majority of Ethiopians. It is the source of food and cash for those who are engaged in the sector and others. Most agricultural holders acquire the food they consume and the cash they need to cover other expenses only from farming activities. Since farming in Ethiopia is often precarious and usually at the mercy of nature, it is invariably an arduous struggle for the holders to make ends meet. This, it often transpires, is true to the frequent shortfalls in the volume of production that occur in the country.

It is often said that what most Ethiopian agricultural holders produce is only enough to live, hand to mouth. This would be better said if it was statistically substantiated. There is plenty of information on the volume of crops produced within the private peasant holdings. But there is hardly any information on how the peasants utilize the crops and livestock products they produce which will be indicative of the fact whether the holders have enough or little to sell in order to meet other expenses of living.

Data on crop and livestock product utilization were collected in the 2019/20(2012 E.C.) Agricultural Sample Survey. Thus, for use in the sample survey taking, crop and livestock product utilization was defined as the amount of agricultural produce used for own consumption, sale, seed, wages in kind, animal feed and other purposes. In light of this information gap, the CSA has collected some data on how holders use their agricultural produce in the agricultural year to provide some information on the subject. The data were collected by interviewing the holders. They were asked to quantify their yearly crop and livestock product utilization experience in percent based on common practice.

1.2. OBJECTIVES OF THE SURVEY

The general objective of Central Statistical Agency's (CSA's) Agricultural Sample Survey (AgSS) is to collect basic quantitative information on the country's agriculture that is essential for planning, policy formulation, monitoring and evaluation of mainly food security and other agricultural activities. The AgSS is composed of four components: Crop Production Forecast Survey, Meher Season Post Harvest Survey, Livestock Survey and Belg Season Survey.

The specific objectives of Meher Season Post Harvest Survey are to estimate the crop and livestock product utilization for Meher Season agriculture in Ethiopia. The report is based on private peasant holdings in rural sedentary areas of the country and part of companion reports on the performance of agriculture in the country. The report is compiled at national, regional and zonal level.

PART II

SURVEY METHODOLOGY, DATA COLLECTION AND PROCESSING

2.1. SCOPE AND COVERAGE OF THE SURVEY

The range of data items that the 2020/21(2013 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 are enumerated and data on crop area and yield condition recorded, hence data on production of these crops acquired.

The 2020/21(2013E.C.) Annual Agricultural Sample Survey (Meher season) covered the entire rural parts of the country.

To be covered by the survey, a total of 2,768 enumeration areas (EAs) were selected. However, due to various reasons that are beyond control, in 397 EA's the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,371 EA's (85.66%) throughout the regions. The Livestock Sample Survey 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 47,420 agricultural households, however, 85.66% were actually covered by the survey.

2.2 SAMPLING FRAME

The list containing EAs of all regions and their respective agricultural households obtained from the 2018/19 (2011 E.C). Population and Housing Census Frame were used as the sampling frame in order to select EAs (Primary Sampling Units). Consequently, all sample EAs were selected from this frame based on the design proposed for the survey. Second stage sampling units' households, on the other hand, 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 2020/21(2013 E.C.) agricultural sample survey was determined by taking into account of 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 administrative zones in each regional state 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 2017/18 (2009/10 E.C) 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 and estimation procedure of totals, ratios, sampling error and the measurement of precision of estimates.

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 liaise 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 2,906 enumerators, 923 field supervisors and 204 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.

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 based on three stages in accordance with the instructions regarding Covid-19 pandemic issued by Ethiopian Minister of Health. The first stage training, which took place at Addis Ababa, second stage were at 24 branch statistical offices, and the third training also were held in 24 training centres arranged by branch offices. The first stage ToT and Second stage last for four days, which targeted staff from the Head Office, statisticians and senior field supervisors from Branch Statistical Offices. The staff that took part in the first stage provided the training for participants' of the second training. The final training which was provided for the enumerators and supervisors lasted for 20 days. In the training the field staff were given detailed classroom instruction on how to collect data, method of livestock enumeration, interviewing procedures, quality checking methods, manipulation of GPS-equipped tablets, usage of data collection applications loaded on tablets, online data transfer, etc. and due to Covid-19 pandemic the training was given in a small group (On average, 14 trainees were trained in one training room). The training also included field practice to reinforce the understanding of concepts, definitions and theories discussed in the classroom with regard to crop and livestock enumeration, EA map reading and identifying the sample site, tablet method of data collection and interviewing methods and detail survey of livestock.

2.7. METHOD OF DATA COLLECTION

The agricultural data for the year 2020/21 (2013 E.C.) was collected from sedentary and pastoral rural peasant households by interviewing the selected agricultural holders and physically livestock items of interest. The data obtained were recorded in various forms designed for this purpose. Instruments like GPS enabled Tablets and others were used during data collection for a timely and smooth acquisition of accurate data.

2.8. DATA PROCESSING

Census and Survey Processing System (CSPro) software was used by data processing experts to design the tablet-based field data collection applications based on the questionnaires prepared for each survey module by subject matter statisticians. Validity checks such as ranges, skips and consistencies were included in the application to maintain the quality and field level consistency checking of the data. Computer Assisted Personal Interviewing (CAPI) using tablets technology was used to conduct face-to-face interview, cropland area measurement and others data collection. The collected data was then transferred to the supervisors' tablets using Bluetooth. After checking the quality of data collected by enumerator, supervisors transferred the collected data to the server located at the head office using VPN network connection. At the head office, further validity checks were done on each question and consistencies between questions. If error is observed during the validity checks, the data were sent back to the field with error reports for correction. After the corrected data was sent back to the head office, further processing was done on the completed survey data. The final stage of the data processing was to summarize the data and produce statistical tables. Estimation of the statistical tables was done using CSPro and the tabulation component of IMPS (Integrated Microcomputer Processing System) software.

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 without 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 land use (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 (Perennial) 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, hops (Gesho), etc) are considered permanent crops but meadows and pastures are excluded.

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

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

Crop Utilization: - The amount of agricultural produce used for own consumption, sale, seed, wages in kind, animal feed and other purposes.

PART III

SUMMARY OF SURVEY RESULTS

3.1 CROP UTILIZATION

Crop and livestock product utilization data for the year 2020/21(2013 E.C.) was collected from sedentary rural and pastoral households by interviewing the selected agricultural holders

Summary Table 1 conveys the information to shed some light on how holders utilize their crop produces. Information was sought for each crop type produced during the survey year. The resulting data may help users to have some idea about crop usages by agricultural holders. In order to detect the differences in utilization of the various crops, it is better to look into the data by group of crops as categorized in the summary table for simplicity and analogy.

Needless to say, as Summary Table 1 points out, most of the cereal crops produced was used for household consumption. In Ethiopia 63.37 percent of the cereals produced were used for household consumption. Nearly 11.07 percent and 25.03 percent were used for seed and sale, respectively. The remaining 4.07 per cent of the cereals produced was used for other purposes like wages, animal feed, etc. When the utilization is considered by type of crops it is easy to realize that between 46 percent and 72 per cent of the crops in the cereals group were used for own consumption and between 16 per cent and 35 per cent of these crops were used for sale. Moreover, between 6 per cent and 18 per cent of the same crops in the same group were used for seed.

As shown in Summary Table 1, about 55.14 per cent of pulses were used for household consumption, 13.39 per cent for seed and about 28.56 per cent for sale. The remaining 2.91 per cent of pulses were used for wages, animal feed and others.

Considering utilization by crop type within the pulses group, between 26 per cent and 63 per cent of the crops were utilized for household consumption and between 24 per cent and 61 per cent of the same crops in the same group were sold in 2020/21(2013 E.C.). Moreover, between 9 per cent and 18 per cent of these crops in the pulses group were also used for seed in the same year. The distribution of the utilization of pulses by region is shown in the statistical tables and it is more or less the same as the country level

The pattern of oilseeds utilization is distinctly different from that of cereals and pulses as portrayed in Summary Table 1. The data shows that 30 percent, 11 percent and about 54 percent were used for household consumption, seed, and sale, respectively. Taking utilization by crop type into account, between 21 per cent and nearly 72 percent of each crop type in the oilseeds category were used for household consumption, between 23 percent and nearly 64 percent for sale and about 1-13 per cent for seed. It may reasonably be summed up that more of the oilseeds produced are used for sale or as cash crops. Most of the regions show the same picture as the country and few regions consumed more of the oilseeds as indicated in the statistical tables.

The percentage of vegetables consumed at home at country level is even more than that of cereals and pulses. The data reveals that about 73 percent, 23 per cent and nearly 1 per cent of the vegetables produced were used for household consumption, sale, and seed, respectively. The remaining about 2 percent of the vegetables was used for wages, animal feed and others. The percent used by crop type within the vegetables group were about 58 - 79 percent for household consumption, nearly 17 percent – 38 percent for sale and about 1 –6 percent for seed. For details, refer to Summary Table 1.

The utilization of root crops for household consumption was about 68 percent, and 21 percent for sale and 6 percent for seed. The ranges of percent utilized by crop type within the root crops category fall between 50 percent – 74 percent for consumption, 13 percent – 27 percent for sale and about 0.4 - 12 percent for seed. The statistical table shows that root crop utilization in most of the regions is not different from that of the country level.

The survey data reveals that more than half of the permanent crops produced in the country were used for household consumption and the remaining for sale and other purposes. Summary Table 1 reveals that 50 percent of the permanent crops were used for consumption at home and about 44 percent for sale. The utilization by crop type within the permanent crop group ranges between about 24 percent and 67 percent for household consumption and between about 16 percent and 70 percent for sale. Lastly Enset which staple food for southern and western part of Ethiopia which considerably contributes food security issues, and accounts 75 percent for household consumption, 16 percent for sale and 7 percent accounts for wages in kind and others. Permanent crops are also used as cash crops like oilseeds. In general, it is rational to conclude by looking at Summary Table 1 that the peasant farmers consume most of what they produce leaving little to sell. (For utilization of grain crops by purpose see Figure 1).

**Summary Table 1 - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS**

Crop Types	Total Production (Quintals)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages in Kind	Animal Feed	Others
Grain Crops	341,828,693.40	59.3	11.6	25.03	0.72	1.03	2.32
Cereals	302,054,260.60	63.37	11.01	21.09	0.75	1.31	2.48
Pulses	31,999,988.70	55.14	13.39	28.56	0.58	0.42	1.91
Oilseeds	7,774,444.20	30.27	11.86	54.81	0.9	0.14	2.02
Vegetables	9,067,870.80	73.47	0.94	23.18	0.33	0.1	1.97
Root Crops	56,216,815.30	68.39	6.74	21.34	0.43	1.33	1.78
Permanent Crops	243,740,917.80	50.31	0.59	44.06	0.69	1.22	3.13
Enset	122,485,695.21	75.78	-	16.72	1.11	3.71	2.67

Crop Utilization in Percent

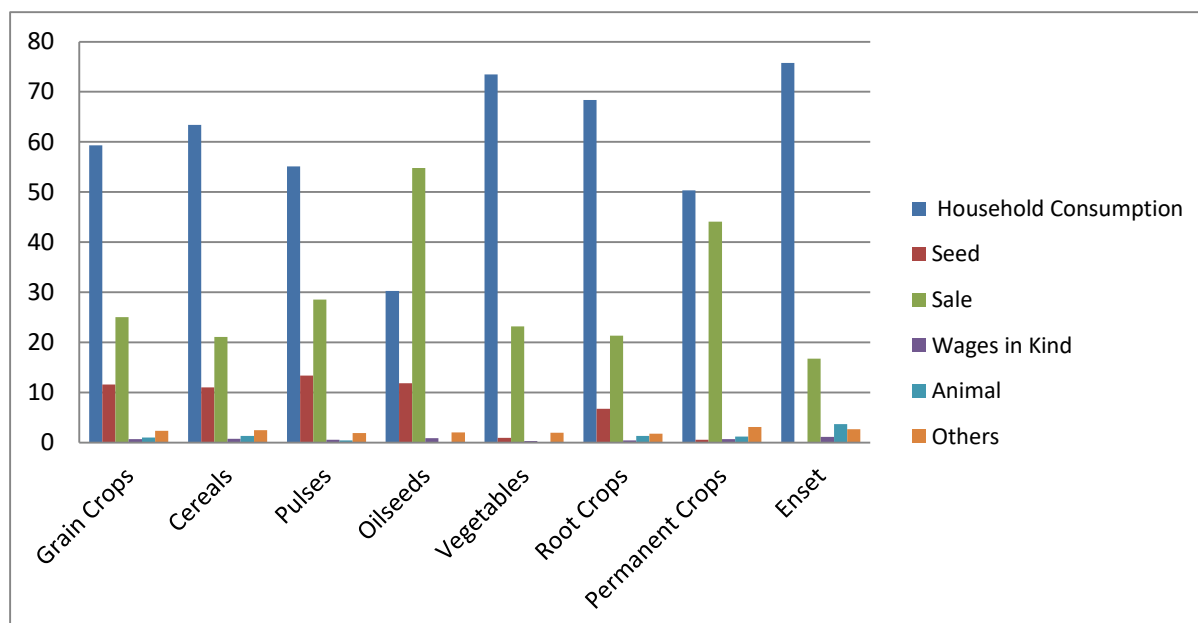


Figure 1 Percentage of Grain Crops Utilization

**STATISTICAL TABLES PRESENTING
RESULTS AT
COUNTRY, REGIONAL AND ZONAL LEVELS**

TABLE 1- CROP PRODUCTION AND PERCENT OF UTILIZATION

Ethiopia		ALL HOLDINGS,					
Type of Crop	Total Production (Quintal)	Household Consumption	Percent		Utilized		For
			Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	341,828,693.40	59.30	11.6	25.03	0.72	1.03	2.32
Cereals	302,054,260.60	63.37	11.01	21.09	0.75	1.31	2.48
Teff	55,099,615.10	48.60	12.94	34.79	0.85	0.28	2.54
Barley	23,391,098.80	62.29	16.46	17.57	0.52	0.83	2.33
Wheat	57,801,306.00	55.91	15.87	24.37	0.69	0.46	2.7
Maize	105,570,935.90	72.07	6.54	16.1	0.73	2.07	2.48
Sorghum	45,173,502.20	70.43	10.03	13.93	0.68	2.51	2.43
Finger millet	12,030,164.00	71.99	10.06	14.23	1.2	0.35	2.17
Oats/'Aja'	305,403.40	52.73	18.66	25.05	0.61	0.89	2.06
Rice	2,682,235.10	47.08	13.82	35.58	0.99	0.44	2.09
Pulses	31,999,988.70	55.14	13.39	28.56	0.58	0.42	1.91
Horse beans	10,706,365.40	58.99	13.56	24.3	0.55	0.37	2.24
Field peas	3,762,368.80	55.25	14.66	26.86	0.65	0.33	2.24
Haricot beans white.	1,855,340.70	61.04	9.68	27.07	0.31	0.65	1.25
Haricot beans red	3,670,300.00	63.30	10.49	23.73	0.56	0.42	1.49
Chick-peas Red.....	3,740,361.90	47.60	16.62	33.49	0.55	0.29	1.46
Chick-peas White....	832,831.80	46.91	13.7	36.98	0.44	0.33	1.65
Lentils	1,130,178.80	41.30	18.07	38.6	0.22	0.41	1.39
Vetch	2,899,174.70	47.66	15.55	32.56	0.96	1.02	2.26
Soya beans	2,086,763.90	19.48	14.46	61.56	1.32	0.4	2.79
Fenugreek	507,472.40	48.85	12.07	38.14	0.25	0.08	0.61
Mung bean/'Masho'	515,686.60	26.18	15.3	55.82	0.54	0.59	1.58
Gibto	293,143.60	30.15	11.9	54.95	0.88	0.14	1.99
Oilseeds.....	7,774,444.20	30.27	11.86	54.81	0.9	0.14	2.02
Neug	2,147,979.00	21.72	11.42	64.57	0.56	0.02	1.71
Linseed	804,566.40	49.27	13.22	35.5	0.47	0.48	1.06
Groundnuts	2,050,686.50	23.06	14.66	59.44	0.91	0.08	1.86
Safflower	42,878.00	57.53	9.9	29.86	0.29	0.22	2.21
Sesame	2,602,576.30	13.16	10.65	71.87	2.16	0.14	2.02
Rapeseed	125,757.90	72.69	1.3	23.5	0.32	0.09	2.09
Vegetables.....	9,067,870.80	73.47	0.94	23.18	0.33	0.1	1.97
Lettuce	5,538.00	66.73	2.42	29.45	0.27	-	1.13
Head Cabbage	561,042.30	68.36	0.29	28.84	0.2	0.36	1.94
Ethiopian Cabbage	4,330,244.90	79.35	0.7	17.53	0.29	0.12	2
Tomatoes	419,482.70	58.92	0.48	38.25	0.22	0.12	2
Green peppers	740,077.20	73.55	0.61	23.04	0.24	0.01	2.54
Red peppers	2,959,805.10	63.45	1.85	32.63	0.53	0.01	1.53
Swiss chard	51,680.50	68.51	6.69	21.27	0.43	1.33	1.78
Root Crops.....	56,216,815.30	68.39	6.74	21.34	0.43	1.33	1.78
Beetroot	266,274.70	70.65	0.78	27.2	0.09	0.06	1.22
Carrot	196,487.10	55.89	0.4	41.5	0.08	0.1	2.02
Onion	3,460,480.90	50.87	3.62	43.1	0.17	0.27	1.97
Potatoes	11,418,717.20	62.32	11.59	23.84	0.59	0.16	1.5
Yam	457,300.90	66.86	8.1	23.35	0.46	0.22	1.01
Garlic	1,149,447.00	58.35	12.66	27.74	0.07	0.03	1.16
Taro/'Godere'	23,279,722.60	74.39	8.41	13.64	0.53	1.15	1.88
Sweet potatoes	15,988,384.90	73.07	1.27	19.01	0.56	3.82	2.27
Permanent Crops	243,740,917.80	50.31	0.59	44.06	0.69	1.22	3.13
Avocados	2,453,356.30	45.59	0.27	49.4	0.67	0.78	3.29
Bananas	8,983,548.20	44.02	0.33	50.99	0.56	1.08	3.03
Guavas	35,553.00	67.33	0.18	23.79	0.32	0.06	8.33
Lemons	61,815.40	33.15	0.22	62.49	0.33	-	3.81
Mangoes	1,513,312.40	52.44	0.16	42.31	0.62	0.12	4.35
Oranges	399,156.80	47.75	0.13	47.18	0.4	0.05	4.5
Papayas	720,077.70	62.95	0.56	32.61	0.47	0.33	3.08
Pineapples	25,589.40	48.64	2.03	47.3	0.3	-	1.73
Chat	3,113,999.40	24.43	0.19	70.2	0.53	0.17	4.48
Coffee	5,847,895.70	45.02	0.73	50.88	0.86	0.09	2.42
Hops/'Gesho'	473,226.60	53.62	0.28	44.07	0.12	0.01	1.9
Sugar cane	13,454,310.90	43.97	1.99	44.31	0.66	5.8	3.27
Enset.	122,485,695.21	75.78	-	16.72	1.11	3.71	2.67

TABLE 1.1: CROP PRODUCTION AND PERCENT OF UTILIZATION

Tigray**ALL HOLDINGS,**

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	20,268,653.50	67.71	11.84	16.52	0.65	0.80	2.49
Cereals.....	18,605,281.20	72.43	12.01	11.33	0.66	0.95	2.62
Teff.....	3,117,538.80	67.43	11.81	17.51	0.51	0.19	2.56
Barley.....	1,606,888.10	70.42	15.7	10.14	0.71	0.51	2.52
Wheat.....	2,239,071.80	67.63	17.1	11.36	0.64	0.54	2.73
Maize.....	2,464,653.90	80.37	9.44	4.7	0.58	2.14	2.77
Sorghum.....	7,008,560.80	72.14	10.05	13.27	0.79	1.23	2.52
Finger millet.....	2,157,256.20	72.7	9.96	13.76	0.82	0.20	2.56
Oats/'Aja'.....	1,107.90	80	8.33	10	-	-	1.67
Rice.....	10,203.70	14.86	12	73.14	-	-	-
Pulses.....	702,158.50	61.33	12.13	23.62	0.46	0.09	2.38
Horse beans.....	197,089.70	68.38	12.02	16.79	0.35	0.12	2.34
Field peas.....	112,917.20	61.37	14.12	21.18	0.56	0.06	2.71
Haricot beans white.	56,653.30	51	8.39	35.73	1.24	-	3.64
Haricot beans red...	-	61.89	9.68	25	-	-	3.42
Chick-peas Red.....	117,976.80	56.96	10.31	28.15	0.82	-	3.76
Chick-peas White....	2,062.70	55	8	36	-	-	1.00
Lentils.....	77,254.60	50.48	11.45	35.76	0.56	0.19	1.55
Vetch.....	122,307.70	60.22	15.73	22.08	0.11	-	1.85
Soya beans.....	1,789.60	90	2.86	7.14	-	-	-
Fenugreek.....	5,072.10	57.12	8.32	33.62	-	-	0.94
Mung bean/'Masho'...	9,034.80	39.15	7.77	52.31	-	-	0.77
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	961,213.80	20.96	9.07	67.9	0.87	0.17	1.02
Neug.....	84,556.00	41.1	7.96	48.41	0.54	0.12	1.87
Linseed.....	42,761.50	52.53	10.28	34.67	0.04	0.89	1.58
Groundnuts.....	21,549.30	12.08	7.83	76.67	2.92	-	0.50
Safflower.....	1,069.10	45	9.25	45.75	-	-	-
Sesame.....	811,043.00	8.32	8.91	80.88	1.13	-	0.77
Rapeseed.....	234.90	66.25	13.13	20	-	-	0.63
Vegetables.....	126,946.30	84.52	1.45	11.63	0.24	0.02	2.14
Lettuce.....	545.20	67.5	2.5	23.75	2.5	1.25	2.50
Head Cabbage.....	16,811.50	19.82	-	77.91	-	-	2.27
Ethiopian Cabbage...	-	93.1	3.4	2.5	-	-	1.00
Tomatoes.....	50,305.40	40.25	2.3	52.7	1	-	3.75
Green peppers.....	24,572.30	83.68	1.05	12.64	-	-	2.63
Red peppers.....	34,712.00	88.21	1.46	8.05	0.19	-	2.08
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	134,148.10	44.72	7	46.48	-	-	1.80
Beetroot.....	-	12.5	-	87.5	-	-	-
Carrot.....	1,269.70	19.17	1.67	79.17	-	-	-
Onion.....	83,055.60	40.13	3.75	54.07	-	-	2.05
Potatoes.....	29,328.10	54.26	4.52	40.57	-	-	0.65
Yam.....	-	-	-	-	-	-	-
Garlic.....	20,494.80	47.94	10.24	39.69	-	-	2.12
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	10	-	90	-	-	-
Permanent Crops.....	103,321.70	48.94	0.68	47.57	0.4	-	2.40
Avocados.....	-	75	-	25	-	-	-
Bananas.....	979.00	60.83	-	36.67	-	-	2.50
Guavas.....	3,788.20	53.53	0.03	44.09	-	-	2.35
Lemons.....	3,132.50	18.59	0.23	74.59	0.68	-	5.91
Mangoes.....	6,690.30	56.63	0.06	42	0.31	-	1.00
Oranges.....	3,335.40	35.63	-	63.44	-	-	0.94
Papayas.....	2,002.10	60.24	-	35	0.71	-	4.05
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	8.46	1.54	89.42	-	-	0.58
Coffee.....	-	64.67	-	35	-	-	0.33
Hops/'Gesho'.....	83,394.20	52.63	0.89	43.5	0.51	-	2.47
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.1.1- CROP PRODUCTION AND PERCENT OF UTILIZATION

North West Tigray

ALL HOLDINGS

Type of Crop	Total Production (Quintal)	Household Consumption	Percent	Utilized	For		
			Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	5,727,865.10	70.58	8.38	16.72	0.7	0.88	2.74
Cereals.....	5,457,838.50	74.65	8.47	12.13	0.78	1.01	2.96
Teff.....	789,377.70	66.5	9.63	19.14	0.66	0.03	4.04
Barley.....	8,570.20	75.45	23.18	-	-	-	1.36
Wheat.....	-	-	-	-	-	-	-
Maize.....	1,104,500.50	81.58	7.5	5.56	0.82	1.85	2.70
Sorghum.....	2,106,508.90	75.65	8.5	11.48	0.59	1.56	2.21
Finger millet.....	1,438,677.40	70.59	8.52	16.54	1.01	0.03	3.31
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	10,203.70	14.86	12	73.14	-	-	-
Pulses.....	85,852.10	74.83	6.94	15.69	0.43	-	2.11
Horse beans.....	33,687.90	81.53	6.45	8.76	0.76	-	2.50
Field peas.....	8,590.10	78.2	5.73	15.4	0.47	-	0.20
Haricot beans white..	13,958.50	88.67	5.5	5	-	-	0.83
Haricot beans red...	-	56.81	11	29.38	-	-	2.81
Chick-peas Red.....	23,630.30	61.31	7.06	29.06	-	-	2.56
Chick-peas White....	1,710.40	27.5	2.5	70	-	-	-
Lentils.....	2,401.90	90	6.5	3.5	-	-	-
Vetch.....	1,741.10	95.5	4.5	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	31.40	-	-	-	-	-	-
Mung bean/'Masho"...	100.70	80	10	-	-	-	10.00
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	184,174.50	21.68	8.47	69.03	0.07	-	0.75
Neug.....	30,410.00	51.58	5.21	41.63	0.53	-	1.05
Linseed.....	12,882.00	47.36	6.32	43.77	-	-	2.55
Groundnuts.....	329.70	10	10	80	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	140,552.80	11.2	9.48	78.99	-	-	0.34
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	22,415.30	89.29	1.18	7.42	-	-	2.11
Lettuce.....	11.10	25	-	75	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	770.10	50	-	50	-	-	-
Green peppers.....	85.80	97.5	-	-	-	-	2.50
Red peppers.....	21,548.40	89.74	1.22	6.89	-	-	2.15
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	9,572.10	54	5	41	-	-	-
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	9,238.10	43.75	5	51.25	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	334.00	95	5	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	34,226.50	52.3	-	43.67	0.99	-	3.04
Avocados.....	-	-	-	-	-	-	-
Bananas.....	-	-	-	-	-	-	-
Guavas.....	1,040.30	49.63	-	50.38	-	-	-
Lemons.....	399.10	32.5	-	60	-	-	7.50
Mangoes.....	2,406.50	72.89	-	26.78	-	-	0.33
Oranges.....	273.20	64	-	34	-	-	2.00
Papayas.....	184.30	70	-	30	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	-	100	-	-	-	-	-
Hops/'Gesho'.....	29,923.10	47.37	-	47.32	1.51	-	3.79
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.1.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	4,041,051.10	74.95	12.19	10.16	0.15	0.49	2.05
Cereals.....	3,843,150.40	77.21	12.47	7.58	0.12	0.57	2.04
Teff.....	1,173,966.70	73.5	13.36	10.73	0.15	0.10	2.16
Barley.....	156,303.10	77.47	14.77	5.33	0.05	0.41	1.97
Wheat.....	154,950.80	70.74	17.55	9.55	0.09	0.24	1.83
Maize.....	832,898.90	82.39	10.6	4.21	0.11	0.74	1.95
Sorghum.....	1,187,697.70	76.76	11.35	8.14	0.17	1.28	2.31
Finger millet.....	337,333.10	78.1	11.78	7.74	0.1	0.56	1.72
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	151,178.60	71.44	11.56	14.3	0.15	0.06	2.50
Horse beans.....	74,328.30	77.44	14.05	5.95	0.07	0.10	2.40
Field peas.....	20,073.10	80.42	8.71	9.52	-	-	1.35
Haricot beans white..	23,834.40	36.97	7.16	49.72	0.84	-	5.31
Haricot beans red...	-	-	-	-	-	-	-
Chick-peas Red.....	6,737.20	69.17	10	18.33	-	-	2.50
Chick-peas White....	340.00	80	10	5	-	-	5.00
Lentils.....	7,399.70	76.08	6	17.92	-	-	-
Vetch.....	15,773.10	72.31	10.38	16.15	-	-	1.15
Soya beans.....	476.70	-	-	-	-	-	-
Fenugreek.....	2,216.20	36	4	59.6	-	-	0.40
Mung bean/'Masho"...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	46,722.10	37.68	8.22	52.2	0.75	-	1.15
Neug.....	1,102.60	83.5	10.63	5.88	-	-	-
Linseed.....	11,562.90	53.97	9.62	34.76	-	-	1.66
Groundnuts.....	20,976.40	12.27	7.64	76.36	3.18	-	0.55
Safflower.....	306.80	12.5	1	86.5	-	-	-
Sesame.....	12,773.30	25.92	7.59	64.33	0.85	-	1.31
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	26,134.40	90.94	1.73	5.25	-	-	2.09
Lettuce.....	357.50	-	-	-	-	-	-
Head Cabbage.....	5,370.40	3	-	97	-	-	-
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	924.10	100	-	-	-	-	-
Green peppers.....	16,588.40	90.17	1.22	5.92	-	-	2.69
Red peppers.....	2,893.90	93.48	2.24	2.62	-	-	1.67
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	17,375.00	53.92	3.8	40.88	-	-	1.40
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	955.70	-	-	-	-	-	-
Onion.....	9,629.30	53.73	1.33	42.8	-	-	2.13
Potatoes.....	1,376.20	25	-	75	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	5,413.70	57.44	8.33	33.89	-	-	0.33
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	21,871.50	39.42	-	59.44	-	-	1.13
Avocados.....	-	100	-	-	-	-	-
Bananas.....	695.70	10	-	90	-	-	-
Guavas.....	369.20	70	-	10	-	-	20.00
Lemons.....	67.20	-	-	-	-	-	-
Mangoes.....	2,865.40	5	-	95	-	-	-
Oranges.....	2,535.20	19	-	80.75	-	-	0.25
Papayas.....	6.00	-	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	-	100	-	-	-	-	-
Hops/'Gesho'.....	15,332.80	49.42	-	49.27	-	-	1.31
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.1.3- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Eastern Tigray

Type of Crop	Total Production (Quintal)	Household Consumption	Percent	Utilized	For		
			Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	1,800,246.30	71.13	14.25	10.22	0.74	0.81	2.84
Cereals.....	1,660,275.90	72.26	14.4	8.49	0.79	1.00	3.06
Teff.....	126,044.60	69.82	12.17	15.57	0.09	0.63	1.73
Barley.....	437,509.00	72.2	14.8	8.4	1.3	0.41	2.88
Wheat.....	730,799.50	70.42	16.85	8.66	0.67	0.56	2.84
Maize.....	115,160.20	77.23	11.43	2.76	1.06	3.16	4.37
Sorghum.....	166,437.70	72.47	11.78	11.21	0.37	1.33	2.84
Finger millet.....	83,217.10	71.71	15.49	8.53	-	0.27	4.00
Oats/'Aja'.....	1,107.90	80	8.33	10	-	-	1.67
Rice.....	-	-	-	-	-	-	-
Pulses.....	133,954.90	66.5	13.93	16.74	0.62	0.08	2.13
Horse beans.....	26,526.30	71.57	12.75	12.93	0.79	-	1.95
Field peas.....	28,729.30	62.28	17.88	16.1	0.6	0.05	3.09
Haricot beans white..	28.40	25	10	65	-	-	-
Haricot beans red...	-	-	-	-	-	-	-
Chick-peas Red.....	11,816.00	57.5	16.5	22.5	-	-	3.50
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	6,795.30	66.7	8.67	21.81	0.93	0.63	1.26
Vetch.....	59,115.60	61.51	15.11	21.84	0.18	-	1.37
Soya beans.....	734.30	96.67	3.33	-	-	-	-
Fenugreek.....	209.70	53	4	39	-	-	4.00
Mung bean/'Masho"...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	6,015.50	72.66	11.19	15.06	-	0.31	0.78
Neug.....	-	-	-	-	-	-	-
Linseed.....	5,816.10	78.33	10.33	10.08	-	0.42	0.83
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	11.30	10	10	80	-	-	-
Rapeseed.....	188.10	62.14	14.29	22.86	-	-	0.71
Vegetables.....	20,663.10	72.15	0.37	25.73	-	0.37	1.39
Lettuce.....	99.50	91.43	2.14	4.29	-	2.14	-
Head Cabbage.....	8,260.90	24	-	73	-	-	3.00
Ethiopian Cabbage...	-	100	-	-	-	-	-
Tomatoes.....	4,133.20	62.5	-	37.5	-	-	-
Green peppers.....	7,223.10	75	-	25	-	-	-
Red peppers.....	946.30	73.79	-	23.21	-	-	3.00
Swiss chard.....	-	77.5	-	22.5	-	-	-
Root Crops.....	30,514.10	54.76	4.29	40	-	-	0.95
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	203.20	100	-	-	-	-	-
Onion.....	4,403.30	100	-	-	-	-	-
Potatoes.....	24,389.10	19.44	8.89	70	-	-	1.67
Yam.....	-	-	-	-	-	-	-
Garlic.....	1,518.40	67.86	1.43	30	-	-	0.71
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	11,065.50	64.42	1.04	33.1	0.21	-	1.23
Avocados.....	-	25	-	75	-	-	-
Bananas.....	-	50	-	50	-	-	-
Guavas.....	952.90	53.43	-	44.79	-	-	1.79
Lemons.....	-	20	-	70	-	-	10.00
Mangoes.....	21.90	100	-	-	-	-	-
Oranges.....	295.50	83.33	-	16.67	-	-	-
Papayas.....	21.60	100	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	-	66.67	-	33.33	-	-	-
Hops/'Gesho'.....	9,773.70	65.29	1.33	31.91	0.27	-	1.20
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.1.4- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS,

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	2,525,631.80	64.03	13.59	18.7	0.64	0.38	2.65
Cereals.....	2,311,627.30	68.78	13.87	13.69	0.61	0.38	2.68
Teff.....	519,499.90	61.36	11.33	24.48	0.21	-	2.62
Barley.....	408,339.60	71.62	15.83	9.84	0.57	0.19	1.95
Wheat.....	570,116.50	66.06	17.89	11.48	1.43	0.19	2.96
Maize.....	82,394.20	75.71	11.37	7.37	0.49	1.82	3.24
Sorghum.....	715,498.70	71.1	10.75	15.13	0.03	0.14	2.86
Finger millet.....	15,778.30	83.93	5.86	7.36	-	0.36	2.50
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	207,880.60	44.08	13.04	39.35	0.82	0.06	2.66
Horse beans.....	52,733.40	39.53	15.26	42.03	0.14	0.07	2.97
Field peas.....	41,658.50	42.73	15.09	38.16	1.16	0.18	2.68
Haricot beans white..	116.70	100	-	-	-	-	-
Haricot beans red...	-	-	-	-	-	-	-
Chick-peas Red.....	62,958.70	53.34	10.48	31.27	1.52	-	3.39
Chick-peas White....	12.30	-	-	-	-	-	-
Lentils.....	33,166.50	39.81	13.37	43.08	0.96	-	2.79
Vetch.....	8,985.30	69.5	10	20	0.5	-	-
Soya beans.....	578.60	50	-	50	-	-	-
Fenugreek.....	118.30	55.25	6.63	38.13	-	-	-
Mung bean/'Masho"...	7,552.20	-	7.86	92.14	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	6,124.00	50.6	5.1	38.05	0.25	5.00	1.00
Neug.....	1,866.80	82.33	7.33	8.67	-	-	1.67
Linseed.....	3,416.10	38.85	4.23	47.69	0.38	7.69	1.15
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	753.00	86.67	6.67	6.67	-	-	-
Sesame.....	69.60	-	5	95	-	-	-
Rapeseed.....	18.50	-	-	-	-	-	-
Vegetables.....	7,565.40	58.67	4	35	-	-	2.33
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	25	-	75	-	-	-
Ethiopian Cabbage...	-	85	6.67	8.33	-	-	-
Tomatoes.....	5,271.10	75	25	-	-	-	-
Green peppers.....	587.60	58.33	1.67	34.17	-	-	5.83
Red peppers.....	1,706.60	43.75	1.25	55	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	58,974.00	16.75	9.03	72.19	-	-	2.03
Beetroot.....	-	10	-	90	-	-	-
Carrot.....	-	-	-	100	-	-	-
Onion.....	50,211.10	14.63	8.16	75.74	-	-	1.47
Potatoes.....	1,293.50	100	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	7,469.40	19.55	15.45	60.91	-	-	4.09
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	12,889.80	33.47	1.1	62.62	-	-	2.82
Avocados.....	-	-	-	-	-	-	-
Bananas.....	114.70	90	-	5	-	-	5.00
Guavas.....	67.30	25	-	75	-	-	-
Lemons.....	110.40	14	-	82.5	-	-	3.50
Mangoes.....	798.30	10	-	90	-	-	-
Oranges.....	221.20	50	-	50	-	-	-
Papayas.....	1,417.40	54.17	-	37.5	-	-	8.33
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	9.17	1.67	88.54	-	-	0.63
Coffee.....	-	49.29	-	50	-	-	0.71
Hops/'Gesho'.....	10,160.50	46.3	1.48	48.52	-	-	3.70
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.1.5- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS,

Western Tigray		ALL HOLDINGS,					
Type of Crop	Total Production (Quintal)	Household Consumption	Percent	Utilized	For		
			Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	3,947,827.80	60.77	8.62	26.47	1.32	1.31	1.51
Cereals.....	3,230,291.00	75.33	8.75	11.06	1.38	1.75	1.73
Teff.....	131,932.50	76.6	8.66	9.46	3.7	-	1.58
Barley.....	76,917.20	63.13	20.77	8.41	0.26	0.38	7.05
Wheat.....	34,827.20	65	20	10	-	-	5.00
Maize.....	258,860.50	84.08	7.86	2.45	0.55	3.41	1.65
Sorghum.....	2,450,302.40	68.71	8.75	17.96	1.77	1.28	1.53
Finger millet.....	277,451.20	71.63	8.37	17.02	1.62	0.02	1.34
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	13,690.30	88.4	4.23	7.02	-	-	0.35
Horse beans.....	5,787.40	93.57	3.33	2.62	-	-	0.48
Field peas.....	712.90	85	5	10	-	-	-
Haricot beans white..	287.10	95	3.57	1.43	-	-	-
Haricot beans red...	-	97	3	-	-	-	-
Chick-peas Red.....	4,984.10	73.8	4.4	21	-	-	0.80
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	536.90	91	4	5	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho"...	1,381.90	85.8	7.2	7	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	703,846.50	8.44	8.8	80.52	1.27	0.03	0.94
Neug.....	51,176.60	28.6	8.58	59.51	0.66	0.19	2.45
Linseed.....	138.00	80	20	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	652,503.60	4.49	8.78	84.64	1.38	-	0.70
Rapeseed.....	28.30	95	5	-	-	-	-
Vegetables.....	32,463.10	85.05	1.82	10.18	0.82	-	2.14
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	-	95.2	2.8	-	-	-	2.00
Tomatoes.....	24,833.10	38.33	0.67	52.67	2.22	-	6.11
Green peppers.....	13.40	60	-	37.5	-	-	2.50
Red peppers.....	7,616.70	88.17	1.83	7.47	0.59	-	1.94
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	4,214.30	50.2	10.69	38.14	-	-	0.98
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	32.90	50	-	50	-	-	-
Potatoes.....	-	100	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	4,181.50	40.71	12.98	45.12	-	-	1.19
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	15,264.90	37.33	1.14	58.28	0.71	-	2.53
Avocados.....	-	-	-	-	-	-	-
Bananas.....	-	100	-	-	-	-	-
Guavas.....	1,309.10	47	0.2	45.8	-	-	7.00
Lemons.....	2,555.80	12.77	0.38	80.46	1.15	-	5.23
Mangoes.....	598.30	33.75	0.25	61.5	1.25	-	3.25
Oranges.....	-	5	-	95	-	-	-
Papayas.....	367.30	41.43	-	51.43	2.14	-	5.00
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	-	25	-	75	-	-	-
Hops/'Gesho'.....	10,434.40	40.6	1.55	55.73	0.55	-	1.58
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.1.5- CROP PRODUCTION AND PERCENT OF UTILIZATION

South East Tigray

ALL HOLDINGS,

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	2,226,031.40	61.84	14.05	19.58	0.47	0.92	3.13
Cereals.....	2,102,098.10	64.68	14.25	16.29	0.48	1.08	3.22
Teff.....	376,717.40	59.73	12.37	24.56	0.45	0.43	2.46
Barley.....	519,249.00	64.47	16.36	15.37	0.52	0.96	2.32
Wheat.....	748,377.70	64.61	16.65	15.01	0.2	0.84	2.69
Maize.....	70,839.60	71.97	11.61	8.51	0.56	2.44	4.92
Sorghum.....	382,115.30	66.5	12.11	13.75	0.9	1.42	5.32
Finger millet.....	4,799.10	52.92	12.08	27.92	1.25	1.25	4.58
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	109,602.00	51.14	12.97	32.59	0.3	0.18	2.81
Horse beans.....	4,026.50	53.09	10.12	33.36	-	0.61	2.81
Field peas.....	13,153.30	61.59	10.93	23.39	0.12	-	3.98
Haricot beans white..	18,428.30	46.3	12.61	35	2.61	-	3.48
Haricot beans red...	-	-	-	-	-	-	-
Chick-peas Red.....	7,850.40	47.5	13.75	27.92	0.42	-	10.42
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	26,954.30	42.75	12.86	42.79	0.24	0.12	1.25
Vetch.....	36,692.60	52.18	19.49	25.27	-	-	3.06
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	2,496.50	65.94	11.88	21.56	-	-	0.63
Mung bean/'Masho"...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	14,331.20	38.77	14.43	43.11	1.23	0.09	2.36
Neug.....	-	-	-	-	-	-	-
Linseed.....	8,946.40	41.67	14.49	42.05	-	0.13	1.67
Groundnuts.....	243.10	-	-	-	-	-	-
Safflower.....	9.30	50	50	-	-	-	-
Sesame.....	5,132.40	29.23	11.54	49.62	5	-	4.62
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	17,705.00	35.95	1.19	58.81	-	-	4.05
Lettuce.....	77.00	22.5	2.5	60	-	-	15.00
Head Cabbage.....	3,180.10	17.5	-	80	-	-	2.50
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	14,373.80	18.33	2.5	75.83	-	-	3.33
Green peppers.....	74.00	68.33	1.67	30	-	-	-
Red peppers.....	-	8.33	-	83.33	-	-	8.33
Swiss chard.....	-	100	-	-	-	-	-
Root Crops.....	13,498.60	50.73	4.15	41.55	-	-	3.58
Beetroot.....	-	15	-	85	-	-	-
Carrot.....	110.70	15	10	75	-	-	-
Onion.....	9,540.80	41.38	1.15	53.23	-	-	4.23
Potatoes.....	2,269.20	37	6	57	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	1,577.80	65.15	5.85	24.6	-	-	4.40
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	10	-	90	-	-	-
Permanent Crops.....	8,003.40	57.57	0.47	38.15	0.14	-	3.68
Avocados.....	-	-	-	-	-	-	-
Bananas.....	168.60	57.5	-	37.5	-	-	5.00
Guavas.....	49.40	69	-	31	-	-	-
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	-	-	-	-	-	-	-
Oranges.....	10.30	85	-	-	-	-	15.00
Papayas.....	5.50	100	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	100	-	-	-
Coffee.....	-	-	-	-	-	-	-
Hops/'Gesho'.....	7,769.70	57.38	0.56	37.98	0.16	-	3.92
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Afar

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	73,610.40	57.92	5.32	30.78	0.27	2.26	3.45
Cereals.....	69,340.90	64.38	5.43	23.7	0.31	2.46	3.73
Teff.....	12,621.60	54.52	4.52	40.83	-	-	0.12
Barley.....	-	-	-	-	-	-	-
Wheat.....	-	-	-	-	-	-	-
Maize.....	26,845.20	64.48	7.3	16.55	-	3.56	8.11
Sorghum.....	29,874.00	64.63	3.44	26.78	1.56	3.13	0.47
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	4,191.60	10.21	2.89	84.47	-	1.05	1.37
Horse beans.....	-	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white.....	-	-	-	-	-	-	-
Haricot beans red.....	-	-	-	-	-	-	-
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White.....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'...	4,191.60	10.21	2.89	84.47	-	1.05	1.37
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	78.00	26.25	12.5	58.75	-	-	2.5
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	78.00	26.25	12.5	58.75	-	-	2.5
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	-	-	-	-	-	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	-	-	-	-	-	-	-
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	-	-	-	-	-	-	-
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	-	-	-	-	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	-	-	-	-	-	-	-
Avocados.....	-	-	-	-	-	-	-
Bananas.....	-	-	-	-	-	-	-
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	-	-	-	-	-	-	-
Oranges.....	-	-	-	-	-	-	-
Papayas.....	-	-	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	-	-	-	-	-	-	-
Hops/'Gesho'.....	-	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.2.1- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Zone 1

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	2,913.70	70.00	15.26	11.32	-	0.68	2.74
Cereals.....	2,913.70	70.00	15.26	11.32	-	0.68	2.74
Teff.....	-	-	-	-	-	-	-
Barley.....	-	-	-	-	-	-	-
Wheat.....	-	-	-	-	-	-	-
Maize.....	2,913.70	70.00	15.26	11.32	-	0.68	2.74
Sorghum.....	-	-	-	-	-	-	-
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	-	-	-	-	-	-	-
Horse beans.....	-	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white.	-	-	-	-	-	-	-
Haricot beans red...	-	-	-	-	-	-	-
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho"...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	-	-	-	-	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	-	-	-	-	-	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	-	-	-	-	-	-	-
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	-	-	-	-	-	-	-
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	-	-	-	-	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	-	-	-	-	-	-	-
Avocados.....	-	-	-	-	-	-	-
Bananas.....	-	-	-	-	-	-	-
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	-	-	-	-	-	-	-
Oranges.....	-	-	-	-	-	-	-
Papayas.....	-	-	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	-	-	-	-	-	-	-
Hops/'Gesho'.....	-	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.2.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS,

Zone 2		ALL HOLDINGS,					
Type of Crop	Total Production (Quintal)	Household Consumption	Percent	Utilized	For		
			Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	13,672.60	67.41	2.07	1.55	-	11.72	17.24
Cereals.....	13,672.60	67.41	2.07	1.55	-	11.72	17.24
Teff.....	-	-	-	-	-	-	-
Barley.....	-	90.5	4	3.5	-	2	-
Wheat.....	-	92	2	2	-	4	-
Maize.....	11,471.90	45.38	0.77	-	-	15.38	38.46
Sorghum.....	2,200.70	-	-	-	-	100	-
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	-	-	-	-	-	-	-
Horse beans.....	-	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white.	-	-	-	-	-	-	-
Haricot beans red...	-	-	-	-	-	-	-
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho"...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	-	-	-	-	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	-	-	-	-	-	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	-	-	-	-	-	-	-
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	-	-	-	-	-	-	-
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	-	-	-	-	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	-	-	-	-	-	-	-
Avocados.....	-	-	-	-	-	-	-
Bananas.....	-	-	-	-	-	-	-
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	-	-	-	-	-	-	-
Oranges.....	-	-	-	-	-	-	-
Papayas.....	-	-	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	-	-	-	-	-	-	-
Hops/'Gesho'.....	-	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.2.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS,

Zone 3

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	36,972.60	50.83	3.93	44.97	-	-	0.28
Cereals.....	33,996.30	59.07	4.57	36.04	-	-	0.32
Teff.....	12,621.60	49.00	4.57	46.43	-	-	-
Barley.....	-	-	-	-	-	-	-
Wheat.....	-	-	-	-	-	-	-
Maize.....	3,498.20	71.00	6.77	20.38	-	-	1.85
Sorghum.....	17,876.40	66.65	3.46	29.88	-	-	-
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	2,976.30	-	-	100	-	-	-
Horse beans.....	-	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white.	-	-	-	-	-	-	-
Haricot beans red...	-	-	-	-	-	-	-
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/"Masho"...	2,976.30	-	-	100	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	-	-	-	-	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	-	-	-	-	-	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	-	-	-	-	-	-	-
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	-	-	-	-	-	-	-
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	-	-	-	-	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	-	-	-	-	-	-	-
Avocados.....	-	-	-	-	-	-	-
Bananas.....	-	-	-	-	-	-	-
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	-	-	-	-	-	-	-
Oranges.....	-	-	-	-	-	-	-
Papayas.....	-	-	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	-	-	-	-	-	-	-
Hops/'Gesho'.....	-	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.2.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS,

Zone 4

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	3,064.20	96.67	3.33	-	-	-	-
Cereals.....	3,064.20	96.67	3.33	-	-	-	-
Teff.....	-	-	-	-	-	-	-
Barley.....	-	-	-	-	-	-	-
Wheat.....	-	-	-	-	-	-	-
Maize.....	2,986.70	97.50	2.5	-	-	-	-
Sorghum.....	-	-	-	-	-	-	-
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	-	-	-	-	-	-	-
Horse beans.....	-	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white..	-	-	-	-	-	-	-
Haricot beans red...	-	-	-	-	-	-	-
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho"...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	-	-	-	-	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	-	-	-	-	-	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	-	-	-	-	-	-	-
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	-	-	-	-	-	-	-
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	-	-	-	-	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	-	-	-	-	-	-	-
Avocados.....	-	-	-	-	-	-	-
Bananas.....	-	-	-	-	-	-	-
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	-	-	-	-	-	-	-
Oranges.....	-	-	-	-	-	-	-
Papayas.....	-	-	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	-	-	-	-	-	-	-
Hops/'Gesho'.....	-	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.2.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS,

Zone 5

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	16,987.30	51.85	6.38	37.63	1.25	1.5	1.4
Cereals.....	15,694.10	61.21	5.17	29.83	1.72	1.38	0.69
Teff.....	-	-	-	-	-	-	-
Barley.....	-	-	-	-	-	-	-
Wheat.....	-	-	-	-	-	-	-
Maize.....	5,974.70	61.14	5.45	31.59	-	1.82	-
Sorghum.....	9,719.40	67.00	4	16	10	-	3
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	1,215.30	27.71	7.86	57.86	-	2.86	3.71
Horse beans.....	-	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white.....	-	-	-	-	-	-	-
Haricot beans red.....	-	-	-	-	-	-	-
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White.....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'.....	1,215.30	27.71	7.86	57.86	-	2.86	3.71
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	78.00	26.25	12.5	58.75	-	-	2.5
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	78.00	26.25	12.5	58.75	-	-	2.5
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	-	-	-	-	-	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-	-	-	-
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	-	-	-	-	-	-	-
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	-	-	-	-	-	-	-
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	-	-	-	-	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	-	-	-	-	-	-	-
Avocados.....	-	-	-	-	-	-	-
Bananas.....	-	-	-	-	-	-	-
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	-	-	-	-	-	-	-
Oranges.....	-	-	-	-	-	-	-
Papayas.....	-	-	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	-	-	-	-	-	-	-
Hops/'Gesho'.....	-	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.3- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Amhara Region

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	110,933,104.60	60.86	10.9	23.85	0.96	0.68	2.75
Cereals.....	96,074,705.30	66.72	10.26	18.32	0.97	0.77	2.96
Teff.....	20,964,629.10	54.57	10.54	30.01	1.12	0.22	3.54
Barley.....	7,289,023.10	66.85	17.01	12.28	0.62	0.36	2.88
Wheat.....	18,152,556.60	64.2	15.26	16.4	0.72	0.25	3.17
Maize.....	25,424,695.10	76.15	5.1	13.99	0.74	1.77	2.25
Sorghum.....	15,881,921.40	68.7	9.62	15.8	1.4	0.86	3.62
Finger millet.....	6,604,463.40	71.92	9.34	14.12	1.6	0.33	2.68
Oats/'Aja'.....	68,379.50	47.08	21.27	29.55	0.02	1.08	1
Rice.....	1,689,037.10	49.61	12.48	34.27	0.69	-	2.95
Pulses.....	12,118,764.30	52.38	13.94	30.08	0.65	0.59	2.35
Horse beans.....	3,463,524.00	64.49	13.05	18.98	0.52	0.58	2.39
Field peas.....	949,693.30	63.95	13.27	19.02	0.52	0.36	2.88
Haricot beans white.....	900,961.30	28.49	14.36	54.94	0.65	0.33	1.23
Haricot beans red.....	683,189.10	34.75	12.61	49.39	0.5	-	2.76
Chick-peas Red.....	1,325,325.10	56.17	14.12	26.84	0.8	0.63	1.44
Chick-peas White.....	493,843.20	48.29	11.59	38.55	0.17	-	1.4
Lentils.....	611,416.80	37.47	17.98	41.78	-	0.85	1.92
Vetch.....	1,604,445.90	54.18	13.42	27.23	1.11	1.14	2.93
Soya beans.....	1,220,573.00	7.61	15.53	67.1	2.36	0.79	6.61
Fenugreek.....	202,611.20	40.8	12.96	44.9	0.38	0.28	0.69
Mung bean/'Masho'...	370,755.00	26.07	18.83	52	0.78	0.75	1.58
Gibto.....	292,426.60	30.99	9.95	55.64	1.44	0.17	1.8
Oilseeds.....	2,739,635.00	31.35	9.75	55.34	1.51	0.18	1.86
Neug.....	586,974.40	31.59	7.6	56.76	0.95	-	3.1
Linseed.....	139,650.40	58.86	12.59	25.94	0.91	0.69	1.01
Groundnuts.....	411,765.90	18.65	12.37	65.13	1.81	-	2.03
Safflower.....	22,833.70	74.25	8.81	16	-	-	0.93
Sesame.....	1,538,097.30	8.57	10.22	76.43	2.58	0.18	2.01
Rapeseed.....	40,313.30	70.89	1.79	25.83	0.35	*	1.15
Vegetables.....	1,806,557.20	71.66	1.17	25.54	0.39	*	1.23
Lettuce.....	-	38.64	3.91	55.45	-	-	2
Head Cabbage.....	35,438.00	63.68	0.68	35.02	-	-	0.62
Ethiopian Cabbage...	281,505.40	87.97	0.71	10.7	-	-	0.62
Tomatoes.....	40,865.30	64.78	0.28	33.42	0.42	-	1.11
Green peppers.....	101,597.70	67.73	1.18	29.62	0.19	-	1.28
Red peppers.....	1,302,077.30	70.85	1.29	25.99	0.51	*	1.34
Swiss chard.....	45,073.40	62.36	8.85	26.99	0.08	*	1.71
Root Crops.....	6,368,375.70	61.99	8.97	27.24	0.08	*	1.72
Beetroot.....	34,507.10	64.35	0.28	34.78	-	-	0.59
Carrot.....	64,064.90	39.13	0.1	59.74	-	0.16	0.87
Onion.....	1,729,111.90	32.18	3.3	60.03	0.17	-	4.31
Potatoes.....	3,954,294.60	76.44	9.1	12.88	0.12	-	1.46
Yam.....	-	82.86	4.29	12.14	-	-	0.71
Garlic.....	530,940.00	58.44	11.78	28.3	0.05	-	1.43
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	55,457.30	56.65	1.96	40.52	-	-	0.87
Permanent Crops.....	1,438,993.40	64.32	0.16	33.77	0.08	*	1.67
Avocados.....	*	51.58	-	47.89	-	-	0.53
Bananas.....	42,233.10	63.80	-	34.31	0.09	-	1.79
Guavas.....	11,049.90	68.06	2.58	23.06	-	-	6.29
Lemons.....	25,588.70	30.89	-	64.94	-	-	4.17
Mangoes.....	133,925.50	48.35	-	46.56	0.09	-	5
Oranges.....	68,809.70	51.27	-	44.42	0.13	-	4.18
Papayas.....	61,972.10	67.74	0.07	28.05	0.39	-	3.75
Pineapples.....	*	100.00	-	-	-	-	-
Chat.....	95,536.90	9.06	0.83	88.25	0.85	-	1.01
Coffee.....	43,702.20	76.84	-	21.88	0.03	-	1.25
Hops/'Gesho'.....	288,472.30	68.64	0.15	29.96	0.02	*	1.22
Sugar cane.....	667,703.00	30.03	-	67.72	-	-	2.25
Enset.....	-	-	-	-	-	-	-

TABLE 1.3.1- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

North Gonder

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	3,287,248.30	66.20	12.59	16.76	0.52	0.22	3.71
Cereals.....	2,812,220.40	71.98	12.32	10.41	0.69	0.26	4.34
Teff.....	252,881.50	56.17	12.54	24.16	1.16	-	5.97
Barley.....	553,823.00	70.78	16.08	7.61	0.75	0.17	4.6
Wheat.....	811,196.60	72.76	15.21	6.87	0.54	0.09	4.53
Maize.....	104,251.00	87.91	5.69	3.06	0.11	0.85	2.39
Sorghum.....	738,904.20	71.23	10.51	11.76	0.87	0.38	5.24
Finger millet.....	350,772.80	70.40	8.95	17.31	0.81	0.16	2.36
Oats/'Aja'.....	118.10	100.00	-	-	-	-	-
Rice.....	273.20	70.00	5	-	25	-	-
Pulses.....	400,674.90	57.17	14.08	25.86	0.12	0.01	2.76
Horse beans.....	214,027.60	61.18	14.12	21.42	0.25	0.01	3.02
Field peas.....	110,680.90	61.61	14.06	21.35	-	0.03	2.95
Haricot beans white.	8.70	-	-	-	-	-	-
Haricot beans red...	4,199.60	72.50	9.25	18.25	-	-	-
Chick-peas Red.....	17,012.90	58.70	15.65	24.78	-	-	0.87
Chick-peas White....	-	20.00	20	60	-	-	-
Lentils.....	30,894.00	38.12	14.65	45.64	-	-	1.59
Vetch.....	4,377.10	26.88	17.5	51.88	-	-	3.75
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	15,726.00	31.83	10.61	53.39	-	-	4.17
Mung bean/'Masho'...	3,748.10	28.00	7.8	64.2	-	-	-
Gibto.....	-	45.02	10.34	42.58	0.3	0.5	1.26
Oilseeds.....	74,353.00	45.02	10.34	42.58	0.3	0.5	1.26
Neug.....	53,781.40	19.58	7.62	71.42	0.62	-	0.77
Linseed.....	5,632.90	63.13	12.21	19.08	-	1.92	3.65
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	2.30	42.50	7.5	50	-	-	-
Sesame.....	12,468.90	10.26	14.37	74.63	0.74	-	-
Rapeseed.....	2,467.60	85.65	3.98	9.56	0.05	-	0.76
Vegetables.....	6,365.50	89.44	1.6	7.9	0.08	-	0.98
Lettuce.....	-	98.00	-	-	-	-	2
Head Cabbage.....	670.40	40.00	25	25	-	-	10
Ethiopian Cabbage...	2,395.00	85.60	1.75	11.1	-	-	1.55
Tomatoes.....	671.80	87.50	-	12.5	-	-	-
Green peppers.....	1,454.00	83.78	1.26	13.44	0.37	-	1.15
Red peppers.....	1,163.50	95.91	1	2.82	-	-	0.26
Swiss chard.....	10.80	58.84	8.95	29	0.09	-	3.11
Root Crops.....	156,154.80	58.39	9.05	29.32	0.09	-	3.14
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	6,960.70	12.25	7.08	71.88	-	-	8.79
Potatoes.....	123,710.50	89.55	3.69	4.09	-	-	2.68
Yam.....	-	-	-	-	-	-	-
Garlic.....	25,339.10	44.94	12.97	39.36	0.17	-	2.57
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	144.50	100.00	-	-	-	-	-
Permanent Crops.....	4,992.70	59.65	-	38.71	0.16	-	1.48
Avocados.....	-	-	-	-	-	-	-
Bananas.....	1,477.80	23.44	-	74.38	0.63	-	1.56
Guavas.....	-	-	-	-	-	-	-
Lemons.....	2.50	10.00	-	85	-	-	5
Mangoes.....	495.30	50.00	-	50	-	-	-
Oranges.....	-	50.00	-	35	-	-	15
Papayas.....	540.20	83.64	-	16.36	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	100	-	-	-
Coffee.....	75.30	49.17	-	48.75	0.83	-	1.25
Hops/'Gesho'.....	2,401.60	65.03	-	33.52	0.05	-	1.4
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.3.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

South Gonder

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	12,816,247.90	59.09	13.39	24.68	0.8	0.27	1.76
Cereals.....	11,113,747.00	65.49	12.99	18.56	0.71	0.14	2.1
Teff.....	2,832,418.80	58.77	11.74	26.41	1.05	0.01	2.02
Barley.....	950,639.80	62.69	21.83	12.57	0.96	0.55	1.41
Wheat.....	1,979,937.10	66.55	16.99	13.74	0.46	0.16	2.1
Maize.....	2,363,940.70	75.30	8.36	13.18	0.34	0.14	2.68
Sorghum.....	741,232.90	69.81	13.21	14.1	1.62	0.11	1.15
Finger millet.....	801,164.30	68.62	9.87	18.28	0.57	0.05	2.61
Oats/'Aja'.....	33,551.50	9.21	22.89	67.89	-	-	-
Rice.....	1,410,862.00	50.88	12.87	33.94	0.44	-	1.87
Pulses.....	1,557,096.10	45.10	15.29	36.85	1.14	0.65	0.97
Horse beans.....	292,009.40	59.55	13.61	23.62	0.53	1.47	1.23
Field peas.....	90,673.00	57.08	14.63	26.8	-	-	1.5
Haricot beans white.	367,718.40	10.19	12.63	73.5	1.3	-	2.38
Haricot beans red...	78,767.20	31.41	17	48.85	1.37	-	1.37
Chick-peas Red.....	199,480.60	55.61	18	24.21	1.79	-	0.39
Chick-peas White....	13,205.60	49.17	19.17	24.17	2.5	-	5
Lentils.....	97,191.90	50.00	15.42	34.17	-	-	0.42
Vetch.....	281,748.70	54.43	15.41	26.67	2.87	0.22	0.4
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	1,394.60	44.17	12.5	43.33	-	-	-
Mung bean/"Masho"...	72,632.00	5.00	29.5	62.17	-	3.33	-
Gibto.....	62,274.70	35.38	12.18	50.81	0.66	0.35	0.63
Oilseeds.....	145,404.90	37.61	11.94	48.57	0.74	0.41	0.73
Neug.....	46,962.90	26.21	8.25	62.48	2.68	-	0.38
Linseed.....	33,032.60	49.31	19.24	31.11	-	-	0.34
Groundnuts.....	19,820.60	30.14	10.68	57.59	1.36	-	0.23
Safflower.....	4,742.50	63.46	10.77	23.08	-	-	2.69
Sesame.....	32,770.30	24.83	12.62	60.17	-	2.38	-
Rapeseed.....	8,075.80	68.60	1.81	27.49	0.13	-	1.97
Vegetables.....	69,705.30	75.06	0.44	22.36	0.16	-	1.97
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	1,963.10	78.57	-	21.43	-	-	-
Ethiopian Cabbage...	2,920.10	89.58	0.42	10	-	-	-
Tomatoes.....	1,441.20	80.00	3.33	16.67	-	-	-
Green peppers.....	8,096.80	51.46	-	46.69	0.29	-	1.57
Red peppers.....	54,671.80	78.75	0.57	18.08	0.17	-	2.43
Swiss chard.....	612.30	66.68	10.99	20.63	0.05	-	1.65
Root Crops.....	994,694.40	65.17	11.68	21.49	0.06	-	1.61
Beetroot.....	-	-	-	100	-	-	-
Carrot.....	3.70	100.00	-	-	-	-	-
Onion.....	131,475.30	19.75	7.5	67.75	0.63	-	4.38
Potatoes.....	846,504.40	70.82	15.48	11.73	-	-	1.97
Yam.....	-	-	-	-	-	-	-
Garlic.....	16,711.00	70.49	9.74	19.12	-	-	0.65
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	23.33	10	60	-	-	6.67
Permanent Crops.....	63,666.70	60.96	0.32	35.33	0.08	0.01	3.3
Avocados.....	-	-	-	-	-	-	-
Bananas.....	1,151.00	49.17	-	48.06	-	-	2.78
Guavas.....	104.70	90.00	-	-	-	-	10
Lemons.....	222.70	15.00	-	70	-	-	15
Mangoes.....	5,880.70	48.61	-	44.17	-	-	7.22
Oranges.....	3,191.70	10.00	-	90	-	-	-
Papayas.....	430.50	47.00	-	45	2	-	6
Pineapples.....	-	-	-	-	-	-	-
Chat.....	3,875.30	1.74	-	98.26	-	-	-
Coffee.....	467.00	85.42	-	13.45	-	-	1.13
Hops/'Gesho'.....	19,475.60	67.04	0.47	29.09	0.04	0.02	3.34
Sugar cane.....	28,867.50	20.00	-	76.67	-	-	3.33
Enset.....	-	-	-	-	-	-	-

TABLE 1.3.3- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

North Wolo

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	5,164,027.40	62.17	17.79	15.71	0.15	0.04	4.14
Cereals.....	4,571,768.90	68.12	16.27	10.85	0.17	0.07	4.52
Teff.....	1,084,869.80	67.69	13.7	13.82	0.19	-	4.6
Barley.....	555,086.60	64.37	19.63	11.04	0.35	0.28	4.34
Wheat.....	1,178,983.90	65.38	20.31	9.88	0.16	-	4.26
Maize.....	226,229.40	82.46	8.17	2.14	-	-	7.22
Sorghum.....	1,491,812.60	68.19	10.19	18.7	-	-	2.93
Finger millet.....	30,831.70	74.23	15	5	-	-	5.77
Oats/'Aja'.....	3,955.00	70.82	29.18	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	553,266.10	47.27	22.94	25.81	0.11	-	3.87
Horse beans.....	150,082.60	58.76	23.52	12.72	0.37	-	4.63
Field peas.....	85,528.40	51.63	23.44	21.51	-	-	3.41
Haricot beans white.....	56,308.20	15.00	8.33	76.67	-	-	-
Haricot beans red.....	1,838.80	50.00	10	40	-	-	-
Chick-peas Red.....	115,163.50	52.68	18.91	23.18	-	-	5.23
Chick-peas White.....	-	-	-	-	-	-	-
Lentils.....	69,785.50	23.33	24.79	46.67	-	-	5.21
Vetch.....	42,991.00	87.50	12.5	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	11,497.70	44.87	24.26	30.87	-	-	-
Mung bean/'Masho'.....	20,070.50	100.00	-	-	-	-	-
Gibto.....	-	61.00	12.17	25.77	-	-	1.06
Oilseeds.....	38,992.30	61.00	12.17	25.77	-	-	1.06
Neug.....	3,366.10	51.25	6.25	35	-	-	7.5
Linseed.....	30,685.30	49.03	16.71	33.82	-	-	0.44
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	2,752.90	92.86	2.86	3.57	-	-	0.71
Sesame.....	2,109.90	-	-	-	-	-	-
Rapeseed.....	78.20	77.28	1.82	19.87	0.38	-	0.64
Vegetables.....	34,568.90	27.66	11.5	57.14	0.34	-	3.36
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	1,772.60	5.00	-	95	-	-	-
Ethiopian Cabbage.....	16,093.20	83.61	1.94	14.44	-	-	-
Tomatoes.....	5,361.00	27.50	-	65	-	-	7.5
Green peppers.....	1,191.60	57.14	5	34.29	2.14	-	1.43
Red peppers.....	10,105.40	99.89	0.11	-	-	-	-
Swiss chard.....	45.00	42.34	10.92	46.17	-	0.09	0.47
Root Crops.....	160,102.60	41.06	11.35	47	-	0.1	0.49
Beetroot.....	2,510.20	5.00	-	95	-	-	-
Carrot.....	6,843.00	5.00	-	94	-	1	-
Onion.....	44,937.70	16.25	12.5	65	-	-	6.25
Potatoes.....	73,703.90	83.33	8.33	8.33	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	32,107.70	42.83	13.69	43.49	-	-	-
Taro/'Godere'.....	(1,225,109.92)	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	60,588.90	58.49	-	39.25	-	-	2.26
Avocados.....	-	-	-	-	-	-	-
Bananas.....	2,131.70	51.36	-	40.91	-	-	7.73
Guavas.....	302.80	63.75	-	25	-	-	11.25
Lemons.....	436.70	10.00	-	90	-	-	-
Mangoes.....	4,062.50	-	-	-	-	-	-
Oranges.....	2,999.80	71.67	-	25	-	-	3.33
Papayas.....	22,103.90	100.00	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	240.90	-	-	97.22	-	-	2.78
Coffee.....	252.80	90.00	-	10	-	-	-
Hops/'Gesho'.....	8,032.10	60.10	-	38.98	-	-	0.92
Sugar cane.....	20,025.90	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.3.4- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

South Wolo

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	9,645,935.00	65.94	14.85	17.39	0.06	0.54	1.22
Cereals.....	7,980,074.70	75.35	13.19	9.84	0.1	0.27	1.25
Teff.....	2,049,298.40	72.56	10.75	15.23	0.09	0.16	1.2
Barley.....	535,726.10	74.85	16.43	7.47	0.01	0.51	0.73
Wheat.....	2,479,032.60	67.41	19.34	11.94	0.26	0.21	0.85
Maize.....	598,003.60	88.26	9.72	1.35	-	-	0.67
Sorghum.....	2,255,932.40	80.65	4.83	10.24	0.02	-	4.26
Finger millet.....	33,155.70	96.67	3.33	-	-	-	-
Oats/'Aja'.....	28,925.90	61.93	18.5	11.93	0.07	3.93	3.64
Rice.....	-	-	-	-	-	-	-
Pulses.....	1,616,039.60	49.89	18.13	29.54	-	1.09	1.34
Horse beans.....	465,655.70	63.00	17.76	15.4	-	2.21	1.64
Field peas.....	153,703.00	52.94	16.47	26.76	-	1.47	2.35
Haricot beans white...	328,185.50	5.00	22.06	72.78	-	-	0.16
Haricot beans red...	47,536.40	48.89	16.39	33.89	-	-	0.83
Chick-peas Red.....	188,867.30	55.39	14.22	26.02	-	2.39	1.98
Chick-peas White....	1,344.70	95.00	1	4	-	-	-
Lentils.....	148,504.60	28.96	22.65	48	-	0.19	0.19
Vetch.....	172,552.70	60.82	17.5	20.68	-	0.26	0.74
Soya beans.....	631.50	-	-	-	-	-	-
Fenugreek.....	75,546.10	31.92	29	37.15	-	-	1.92
Mung bean/'Masho' ...	33,512.00	45.00	7.5	39.17	-	-	8.33
Gibto.....	-	66.24	12.2	21.33	0.04	-	0.2
Oilseeds.....	49,820.70	66.24	12.2	21.33	0.04	-	0.2
Neug.....	35,471.00	60.42	10.83	28.67	0.04	-	0.04
Linseed.....	10,370.10	75.19	8.81	15.94	0.06	-	-
Groundnuts.....	405.10	10.00	-	80	-	-	10
Safflower.....	1,631.20	55.00	20	25	-	-	-
Sesame.....	1,189.70	100.00	-	-	-	-	-
Rapeseed.....	753.60	93.24	4.91	1.85	-	-	-
Vegetables.....	287,894.60	77.28	1.82	19.87	0.38	-	0.64
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	1,519.70	-	-	-	-	-	-
Ethiopian Cabbage...	202,139.30	100.00	-	-	-	-	-
Tomatoes.....	2,496.00	-	-	-	-	-	-
Green peppers.....	16,469.40	100.00	-	-	-	-	-
Red peppers.....	20,976.20	98.41	1.59	-	-	-	-
Swiss chard.....	44,293.90	68.50	7.11	23.95	-	-	0.45
Root Crops.....	205,728.90	68.5	7.11	23.95	-	-	0.45
Beetroot.....	8,319.50	-	-	-	-	-	-
Carrot.....	40,152.40	28.75	0.75	70	-	-	0.5
Onion.....	16,363.90	100.00	-	-	-	-	-
Potatoes.....	98,007.50	85.00	5	10	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	42,451.40	63.32	10.55	25.45	-	-	0.68
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	434.20	-	-	-	-	-	-
Permanent Crops.....	356,326.90	41.79	-	56.61	0.18	-	1.43
Avocados.....	-	-	-	-	-	-	-
Bananas.....	2,560.90	-	-	-	-	-	-
Guavas.....	1,036.80	-	-	-	-	-	-
Lemons.....	653.90	-	-	-	-	-	-
Mangoes.....	7,117.80	-	-	-	-	-	-
Oranges.....	20,842.70	-	-	-	-	-	-
Papayas.....	10,117.30	90.00	-	-	-	-	10
Pineapples.....	-	-	-	-	-	-	-
Chat.....	39,231.90	5.33	-	93.33	0.33	-	1
Coffee.....	3,052.00	100.00	-	-	-	-	-
Hops/'Gesho'.....	10,973.10	76.25	-	23.13	-	-	0.63
Sugar cane.....	260,740.50	45.00	-	55	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.3.5- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

North Shewa

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	13,700,042.20	60.39	12.25	22.78	0.35	0.68	3.55
Cereals.....	11,591,488.70	60.09	11.68	22.79	0.46	0.72	4.26
Teff.....	3,525,213.10	44.60	9.65	39.32	0.74	0.06	5.64
Barley.....	1,225,335.40	72.83	17	6.83	-	0.08	3.25
Wheat.....	3,920,778.50	58.87	16.57	19.34	-	0.11	5.12
Maize.....	232,992.00	79.41	9.24	5.2	0.23	3.5	2.42
Sorghum.....	2,686,552.90	70.56	9.83	15.68	0.85	0.66	2.42
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	616.80	100.00	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	2,068,076.50	59.03	15.47	23.69	-	0.66	1.15
Horse beans.....	1,002,280.40	64.04	17.2	16.08	-	0.73	1.94
Field peas.....	195,584.60	75.57	9.43	14.29	-	-	0.71
Haricot beans white.....	3,716.00	68.57	22.86	8.57	-	-	-
Haricot beans red....	3,140.90	88.75	8.75	2.5	-	-	-
Chick-peas Red.....	180,827.10	74.29	14.29	11.43	-	-	-
Chick-peas White....	60,045.80	50.71	21.79	27.5	-	-	-
Lentils.....	242,043.60	65.15	11.1	23.25	-	-	0.5
Vetch.....	176,395.30	62.00	14.67	18.67	-	4	0.67
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	55,377.30	20.67	11.52	67.81	-	-	-
Mung bean/"Masho"...	148,665.50	4.00	24.4	71.6	-	-	-
Gibto.....	-	70.81	8.31	18.96	-	-	1.92
Oilseeds.....	40,477.00	70.81	8.31	18.96	-	-	1.92
Neug.....	2,708.90	86.54	1.92	7.69	-	-	3.85
Linseed.....	28,047.40	66.31	5.62	24.23	-	-	3.85
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	7,318.20	56.19	16.94	26.88	-	-	-
Sesame.....	2,328.10	72.14	7.71	20.14	-	-	-
Rapeseed.....	74.40	93.57	0.4	5.71	-	-	0.32
Vegetables.....	85,080.50	93.4	0.27	6	-	-	0.33
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	471.80	-	-	-	-	-	-
Ethiopian Cabbage...	35,851.00	93.46	-	5.77	-	-	0.77
Tomatoes.....	7,519.20	100.00	-	-	-	-	-
Green peppers.....	33,069.40	86.88	-	11.88	-	-	1.25
Red peppers.....	8,159.70	94.43	0.43	5.14	-	-	-
Swiss chard.....	9.30	52.53	6.67	40.16	-	-	0.65
Root Crops.....	1,242,301.20	52.53	6.67	40.16	-	-	0.65
Beetroot.....	5,503.50	-	-	-	-	-	-
Carrot.....	637.30	75.00	-	25	-	-	-
Onion.....	1,028,865.50	37.68	1	60.08	-	-	1.25
Potatoes.....	69,435.00	77.50	-	22.5	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	132,499.30	59.50	13.18	27.09	-	-	0.23
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	5,360.60	100.00	-	-	-	-	-
Permanent Crops.....	120,679.60	73.72	-	23.02	-	-	3.26
Avocados.....	-	-	-	-	-	-	-
Bananas.....	1,749.50	53.57	-	42.14	-	-	4.29
Guavas.....	139.50	100.00	-	-	-	-	-
Lemons.....	554.40	62.00	-	24	-	-	14
Mangoes.....	1,412.10	32.50	-	57.5	-	-	10
Oranges.....	2,054.20	67.14	-	24.29	-	-	8.57
Papayas.....	4,255.60	66.67	-	18.33	-	-	15
Pineapples.....	-	-	-	-	-	-	-
Chat.....	1,162.00	-	-	100	-	-	-
Coffee.....	1,147.40	96.67	-	3.33	-	-	-
Hops/'Gesho'.....	27,520.80	85.00	-	14.65	-	-	0.35
Sugar cane.....	80,684.10	57.50	-	37.5	-	-	5
Enset.....	-	-	-	-	-	-	-

TABLE 1.3.6- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

East Gojam

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	18,840,272.10	62.02	7.67	26.56	0.69	0.29	2.78
Cereals.....	17,095,145.90	62.34	7.48	26.16	0.8	0.34	2.88
Teff.....	5,418,421.30	47.72	8.96	38.24	1.11	0.02	3.95
Barley.....	1,630,183.50	64.13	10.36	21.95	0.8	0.12	2.65
Wheat.....	4,743,813.90	56.75	11.11	28.16	0.83	0.09	3.06
Maize.....	4,459,523.20	78.17	2.45	16.42	0.55	0.83	1.59
Sorghum.....	737,244.50	73.38	8.41	11.21	0.59	1.13	5.29
Finger millet.....	105,950.10	79.60	5.64	14.76	-	-	-
Oats/'Aja'.....	9.40	90.00	10	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	1,535,894.00	65.03	8.52	23.8	0.15	0.13	2.37
Horse beans.....	594,458.10	72.86	7.66	18	0.14	-	1.34
Field peas.....	119,942.20	66.63	4.02	25.63	0.23	-	3.49
Haricot beans white.....	102,693.40	21.18	13.55	65.27	-	-	-
Haricot beans red...	300,548.30	39.23	7	53.77	-	-	-
Chick-peas Red.....	180,376.70	61.57	8.19	28.43	-	0.11	1.7
Chick-peas White....	4,621.30	77.50	8.75	13.75	-	-	-
Lentils.....	2,435.50	45.00	40	15	-	-	-
Vetch.....	173,411.40	57.87	11.64	23.53	0.25	0.61	6.11
Soya beans.....	768.10	-	5	95	-	-	-
Fenugreek.....	6,484.30	58.09	4.18	37.73	-	-	-
Mung bean/'Masho"...	7,139.90	-	-	100	-	-	-
Gibto.....	43,014.80	39.74	8.22	48.46	0.96	-	2.61
Oilseeds.....	209,232.10	40.46	7.29	48.47	1.02	-	2.77
Neug.....	73,129.70	49.17	7.41	38.54	1.59	-	3.29
Linseed.....	1,291.30	99.75	0.25	-	-	-	-
Groundnuts.....	42,711.40	18.79	11.62	68.21	1.38	-	-
Safflower.....	82.40	92.50	7.5	-	-	-	-
Sesame.....	86,129.40	6.27	6.45	73.64	-	-	13.64
Rapeseed.....	5,888.00	66.87	0.71	31.78	-	-	0.64
Vegetables.....	105,827.80	67.64	0.64	31.02	-	-	0.7
Lettuce.....	-	100.00	-	-	-	-	-
Head Cabbage.....	12,075.40	62.82	0.13	37.05	-	-	-
Ethiopian Cabbage...	2,993.60	79.17	-	16.67	-	-	4.17
Tomatoes.....	1,473.20	100.00	-	-	-	-	-
Green peppers.....	3,755.90	80.24	-	19.05	-	-	0.71
Red peppers.....	85,529.80	64.71	1.11	33.37	-	-	0.81
Swiss chard.....	-	52.68	10.59	35.23	0.18	-	1.33
Root Crops.....	1,396,755.40	52.68	10.59	35.23	0.18	-	1.33
Beetroot.....	12,535.10	66.27	0.58	32.38	-	-	0.77
Carrot.....	8,453.00	31.77	-	68.23	-	-	-
Onion.....	162,492.40	32.73	2.57	64.3	-	-	0.41
Potatoes.....	1,087,119.30	53.26	17.06	27.9	0.54	-	1.24
Yam.....	-	-	-	-	-	-	-
Garlic.....	126,155.60	58.17	11.6	28.15	-	-	2.08
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	100.00	-	-	-	-	-
Permanent Crops.....	149,072.70	60.29	0.16	38.93	-	-	0.62
Avocados.....	-	75.00	-	22.5	-	-	2.5
Bananas.....	2,986.40	72.50	-	27.5	-	-	-
Guavas.....	-	-	-	-	-	-	-
Lemons.....	150.50	100.00	-	-	-	-	-
Mangoes.....	22,328.20	32.86	-	67.14	-	-	-
Oranges.....	18,873.50	38.20	-	57.8	-	-	4
Papayas.....	-	-	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	942.40	-	-	100	-	-	-
Coffee.....	1,596.10	70.15	-	28.79	-	-	1.06
Hops/'Gesho'.....	66,831.80	64.83	0.21	34.66	-	-	0.31
Sugar cane.....	35,363.70	25.00	-	71.43	-	-	3.57
Enset.....	-	-	-	-	-	-	-

TABLE 1.3.7- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

West Gojam

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops.....	19,880,442.40	62.02	8.53	24.91	0.91	0.71	2.91
Cereals.....	17,968,699.30	64.78	8.07	22.62	1.06	0.9	2.57
Teff.....	2,644,174.70	49.85	9.82	36.07	0.86	0.31	3.1
Barley.....	649,700.80	61.80	23.84	11.36	-	-	3
Wheat.....	1,611,676.50	65.31	14.83	17.41	0.42	0.09	1.94
Maize.....	10,414,222.10	69.16	1.11	24.57	1.19	1.59	2.38
Sorghum.....	72,154.40	76.25	10	13.75	-	-	-
Finger millet.....	2,422,755.50	73.16	9.55	11.65	2	1.06	2.59
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	154,015.20	52.00	-	38	-	-	10
Pulses.....	1,759,975.20	51.90	10.93	32.25	0.3	-	4.62
Horse beans.....	348,138.70	73.21	9.95	13.05	-	-	3.79
Field peas.....	77,248.50	85.47	5.81	6.4	-	-	2.33
Haricot beans white..	15,531.10	48.69	10	40.54	0.77	-	-
Haricot beans red...	232,851.00	4.35	12.28	79.46	0.43	-	3.48
Chick-peas Red.....	112,098.00	53.19	9.9	30.71	-	-	6.19
Chick-peas White....	48,422.50	55.00	5	40	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	626,581.00	56.36	11.63	26.75	0.89	-	4.37
Soya beans.....	149,017.30	5.77	12.58	62.04	-	-	19.62
Fenugreek.....	645.30	96.67	3.33	-	-	-	-
Mung bean/'Masho"...	-	-	-	-	-	-	-
Gibto.....	149,441.90	39.67	10.23	47.64	0.36	-	2.1
Oilseeds.....	151,768.00	48.85	6.96	41.65	0.45	-	2.09
Neug.....	130,316.40	39.88	9.02	46.63	0.8	-	3.66
Linseed.....	5,752.00	70.71	11.43	17.14	-	-	0.71
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	157.60	100.00	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	15,542.00	68.51	0.94	29.76	0.14	0.01	0.64
Vegetables.....	734,567.10	69.34	0.83	28.98	0.15	0.01	0.68
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	13,100.00	66.50	-	33.25	-	-	0.25
Ethiopian Cabbage...	9,591.20	56.11	-	43.89	-	-	-
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	7,376.60	91.84	-	5.26	-	-	2.89
Red peppers.....	704,499.30	68.61	0.95	29.65	0.17	0.01	0.6
Swiss chard.....	-	65.70	11.1	20.14	0.13	-	2.94
Root Crops.....	860,306.20	65.7	11.1	20.14	0.13	-	2.94
Beetroot.....	3,157.70	65.00	-	34.23	-	-	0.77
Carrot.....	7,944.40	36.67	-	55	-	-	8.33
Onion.....	260,835.10	48.25	0.42	39.79	0.42	-	11.13
Potatoes.....	515,949.10	75.71	11.33	11.48	0.13	-	1.34
Yam.....	-	-	-	-	-	-	-
Garlic.....	71,176.30	56.44	16.99	23.56	0.07	-	2.95
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	1,243.70	100.00	-	-	-	-	-
Permanent Crops.....	278,923.30	72.46	0.02	26.57	0.01	-	0.94
Avocados.....	-	56.67	-	41.67	-	-	1.67
Bananas.....	13,566.90	84.38	-	14.15	0.08	-	1.38
Guavas.....	7,319.90	86.25	-	5	-	-	8.75
Lemons.....	8,124.80	54.38	-	42.5	-	-	3.13
Mangoes.....	31,925.10	74.21	-	24.74	-	-	1.05
Oranges.....	8,462.60	73.75	-	19.38	-	-	6.88
Papayas.....	12,022.90	73.00	-	27	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	10,464.80	12.50	-	87.5	-	-	-
Coffee.....	31,601.00	72.53	-	26.82	-	-	0.65
Hops/'Gesho'.....	88,838.20	72.40	0.03	26.87	0.01	-	0.69
Sugar cane.....	66,597.20	42.25	-	57	-	-	0.75
Enset.....	-	-	-	-	-	-	-

TABLE 1.3.8- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Waghmera

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	1,716,471.90	60.71	17.35	13.71	0.05	3.97	4.21
Cereals.....	1,544,522.30	65.72	15.97	9.55	0.02	4.35	4.39
Teff.....	205,677.90	61.95	11.33	16.08	-	5.08	5.55
Barley.....	255,899.10	67.17	21.92	7.24	-	1.93	1.75
Wheat.....	173,931.80	57.07	20.9	9.96	-	5.41	6.66
Maize.....	27,227.30	74.64	14.81	1.28	-	7.06	2.22
Sorghum.....	872,595.60	66.73	12.85	11.29	0.09	3.44	5.61
Finger millet.....	8,857.80	71.00	19	10	-	-	-
Oats/'Aja'.....	332.90	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	153,069.70	45.59	22.22	23.51	0.07	3.9	4.71
Horse beans.....	91,730.60	55.71	18.5	17.82	-	3.59	4.38
Field peas.....	15,423.30	51.70	24.26	16.57	-	2.26	5.22
Haricot beans white..	10,710.50	44.17	31.25	21.67	0.42	0.42	2.08
Haricot beans red...	6,462.70	44.00	20.71	11.71	0.71	-	22.86
Chick-peas Red.....	5,428.20	50.80	10.4	18.8	-	20	-
Chick-peas White....	6,383.10	75.00	25	-	-	-	-
Lentils.....	6,712.80	32.86	22.86	26.43	-	17.86	-
Vetch.....	168.80	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	124.70	43.00	3	46	-	8	-
Mung bean/"Masho"...	9,924.90	16.86	32.43	46.1	-	0.33	4.29
Gibto.....	-	59.07	16.18	21.27	0.2	1.42	1.87
Oilseeds.....	18,879.90	59.07	16.18	21.27	0.2	1.42	1.87
Neug.....	325.20	-	-	-	-	-	-
Linseed.....	1,709.50	74.11	14.29	8.57	-	3.04	-
Groundnuts.....	1,041.00	-	-	-	-	-	-
Safflower.....	2,653.20	78.93	7.5	11.79	-	-	1.79
Sesame.....	13,143.90	20.22	25.89	48.39	0.67	-	4.83
Rapeseed.....	7.20	53.36	2.73	41.64	1.36	-	0.91
Vegetables.....	3,941.20	53.36	2.73	41.64	1.36	-	0.91
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	122.80	62.50	-	37.5	-	-	-
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	346.20	48.00	-	45.75	3.75	-	2.5
Green peppers.....	3,412.40	55.00	2.5	42.5	-	-	-
Red peppers.....	42.20	30.00	12.5	57.5	-	-	-
Swiss chard.....	17.50	61.46	10.78	27.22	0.22	-	0.33
Root Crops.....	7,544.60	60.6	11.02	27.82	0.22	-	0.33
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	31.20	100.00	-	-	-	-	-
Onion.....	1,988.70	10.00	-	70	10	-	10
Potatoes.....	2,423.90	67.50	3.75	28.75	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	3,100.80	60.18	12.33	27.36	-	-	0.13
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	14,175.20	48.78	-	50	0.44	-	0.78
Avocados.....	-	-	-	-	-	-	-
Bananas.....	248.40	10.00	-	90	-	-	-
Guavas.....	27.10	15.00	-	85	-	-	-
Lemons.....	98.60	10.00	-	90	-	-	-
Mangoes.....	443.00	15.00	-	70	5	-	10
Oranges.....	106.10	25.00	-	75	-	-	-
Papayas.....	211.50	25.00	-	50	10	-	15
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	4.30	63.00	-	37	-	-	-
Hops/'Gesho'.....	424.40	57.91	-	42.09	-	-	-
Sugar cane.....	12,611.80	19.00	-	81	-	-	-
Enset.....	-	-	-	-	-	-	-

1.3.9- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Awi

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	8,019,661.60	64.68	7.47	24.3	1.97	0.27	1.32
Cereals.....	6,495,606.70	70.88	7.35	18.39	1.8	0.29	1.29
Teff.....	813,150.20	65.05	11.14	21.07	1.8	-	0.94
Barley.....	292,167.80	66.93	8.83	23.06	0.45	0.56	0.17
Wheat.....	404,809.50	62.19	12.14	23.78	1.29	0.03	0.56
Maize.....	3,390,613.00	76.99	2.21	17.43	1.76	0.38	1.23
Sorghum.....	113,964.60	62.81	8.75	5.63	11.56	5	6.25
Finger millet.....	1,377,718.60	72.96	9.34	13.09	2.45	0.15	2
Oats/'Aja'.....	869.90	45.00	30	25	-	-	-
Rice.....	102,313.20	58.95	17.58	15.58	-	-	7.89
Pulses.....	968,336.00	57.84	7.94	30.81	2.45	0.36	0.6
Horse beans.....	44,012.50	79.11	5	12.82	3.08	-	-
Field peas.....	40,455.90	77.71	8.84	11.66	1.34	-	0.45
Haricot beans white.....	180.10	100.00	-	-	-	-	-
Haricot beans red.....	6,708.90	77.78	2.78	18.89	0.56	-	-
Chick-peas Red.....	28,353.80	46.25	8.75	43.75	1.25	-	-
Chick-peas White.....	12,074.60	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	9,249.20	-	20	80	-	-	-
Soya beans.....	789,412.50	0.22	15.49	75.4	5	1.67	2.22
Fenugreek.....	193.30	93.00	0.5	6.5	-	-	-
Mung bean/'Masho".....	-	-	-	-	-	-	-
Gibto.....	37,695.20	26.57	7.43	61.38	2.44	-	2.19
Oilseeds.....	555,718.80	25.72	7.84	61.4	2.66	-	2.38
Neug.....	147,882.30	6.94	5.56	83.7	0.78	-	3.02
Linseed.....	514.20	62.50	5	32.5	-	-	-
Groundnuts.....	320,776.90	9.22	14.22	68.24	4.51	-	3.82
Safflower.....	77.60	100.00	-	-	-	-	-
Sesame.....	82,176.20	4.55	9.38	76.41	7.59	-	2.07
Rapeseed.....	4,291.70	55.71	1.95	40.66	0.84	-	0.84
Vegetables.....	313,326.70	50.46	1.82	45.75	0.98	-	0.98
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	8.80	47.67	-	52.33	-	-	-
Ethiopian Cabbage.....	7,972.20	91.91	-	8.09	-	-	-
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	17,781.90	50.58	3.75	45.67	-	-	-
Red peppers.....	287,479.40	41.85	1.83	53.47	1.42	-	1.42
Swiss chard.....	84.40	74.30	5.01	20.33	-	-	0.36
Root Crops.....	448,322.10	74.29	5.06	20.28	-	-	0.36
Beetroot.....	2,479.00	69.38	-	30.46	-	-	0.15
Carrot.....	-	100.00	-	-	-	-	-
Onion.....	26,115.50	34.46	6.92	58.46	-	-	0.15
Potatoes.....	358,104.10	80.40	5.21	13.77	-	-	0.63
Yam.....	-	87.50	-	12.5	-	-	-
Garlic.....	14,828.10	79.10	7.12	13.79	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	46,795.50	35.73	-	64.27	-	-	-
Permanent Crops.....	60,522.70	74.21	0.27	24.54	0.04	-	0.93
Avocados.....	-	47.14	-	52.86	-	-	-
Bananas.....	3,228.40	67.41	-	32.59	-	-	-
Guavas.....	136.70	58.33	-	41.67	-	-	-
Lemons.....	1,299.50	66.25	-	33.75	-	-	-
Mangoes.....	16,466.10	54.59	-	38.65	-	-	6.76
Oranges.....	1,866.00	89.09	-	10.91	-	-	-
Papayas.....	1,906.20	70.00	-	30	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	74.00	-	12.5	87.5	-	-	-
Coffee.....	2,889.70	85.41	-	13.22	-	-	1.37
Hops/'Gesho'.....	7,308.90	77.45	0.12	22.22	0.08	-	0.12
Sugar cane.....	25,347.40	28.00	-	72	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.3.10- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Oromia Zone

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops.....	1,214,975.90	60.51	7.4	26.95	0.2	0.99	3.96
Cereals.....	1,130,380.50	70.90	6.63	16.63	0.18	1.36	4.3
Teff.....	110,679.40	43.07	6.41	46.41	-	-	4.11
Barley.....	3,927.30	73.33	11.67	13.33	-	-	1.67
Wheat.....	245.40	-	-	-	-	-	-
Maize.....	78,664.00	83.74	6.48	1.85	-	5.81	2.11
Sorghum.....	934,421.20	75.61	6.71	11.93	0.32	0.1	5.32
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	2,443.10	100.00	-	-	-	-	-
Pulses.....	55,525.40	45.93	4.37	47.37	-	-	2.33
Horse beans.....	1,348.70	-	-	-	-	-	-
Field peas.....	891.10	95.00	5	-	-	-	-
Haricot beans white.....	5,408.20	84.08	5.46	10.46	-	-	-
Haricot beans red...	912.60	100.00	-	-	-	-	-
Chick-peas Red.....	6,081.40	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	39.60	90.00	10	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	56.30	-	-	-	-	-	-
Mung bean/"Masho"...	40,787.40	-	3.21	91.79	-	-	5
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	29,070.00	27.66	11.5	57.14	0.34	-	3.36
Neug.....	62.50	95.00	5	-	-	-	-
Linseed.....	61.50	85.00	7.5	5	-	-	2.5
Groundnuts.....	22,453.30	21.16	12.53	64.16	0.22	-	1.93
Safflower.....	908.30	10.00	5	85	-	-	-
Sesame.....	5,556.90	24.09	11.45	56.64	0.68	-	7.14
Rapeseed.....	27.40	76.20	1.2	20.8	0.6	-	1.2
Vegetables.....	15,238.20	75.21	1.25	21.67	0.63	-	1.25
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	1,047.70	100.00	-	-	-	-	-
Tomatoes.....	10,673.40	66.00	-	32	-	-	2
Green peppers.....	519.60	75.00	1.67	23.33	-	-	-
Red peppers.....	2,997.50	75.71	1.79	20.71	1.07	-	0.71
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	36,854.60	40.83	2.92	47.92	-	-	8.33
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	34,306.60	3.57	-	82.14	-	-	14.29
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	1,005.40	93.00	7	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	1,478.80	-	-	-	-	-	-
Permanent Crops.....	242,667.50	49.48	-	47.01	0.74	-	2.77
Avocados.....	-	-	-	-	-	-	-
Bananas.....	6,198.70	73.33	-	26.67	-	-	-
Guavas.....	1,950.00	58.57	-	34.29	-	-	7.14
Lemons.....	1,271.00	26.25	-	71.25	-	-	2.5
Mangoes.....	39,442.70	32.86	-	62.59	-	-	4.55
Oranges.....	9,489.50	32.73	-	63.64	0.91	-	2.73
Papayas.....	5,884.70	80.43	-	15.43	-	-	4.13
Pineapples.....	-	100.00	-	-	-	-	-
Chat.....	39,545.60	24.08	-	70.97	2.69	-	2.25
Coffee.....	1,420.20	88.13	-	11.67	-	-	0.21
Hops/'Gesho'.....	-	-	-	-	-	-	-
Sugar cane.....	137,464.90	14.29	-	82.86	-	-	2.86
Enset	-	-	-	-	-	-	-

TABLE 1.3.10- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Central Gonder

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops.....	12,214,348.70	58.12	10.74	24.96	1.62	0.75	3.8
Cereals.....	10,386,311.10	65.91	10.1	17.54	1.61	0.67	4.17
Teff.....	1,793,363.20	52.06	10.59	30.14	2.3	0.29	4.61
Barley.....	636,533.60	68.82	15.7	9.65	1.33	0.27	4.24
Wheat.....	848,150.90	65.22	15.3	11.95	3.63	0.01	3.9
Maize.....	3,156,140.20	75.33	6.7	12.14	0.92	1.38	3.53
Sorghum.....	2,612,329.00	66.85	11.13	15.36	0.86	0.97	4.83
Finger millet.....	1,321,817.60	69.26	9.43	15.3	1.92	0.1	4
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	17,976.40	23.69	8.15	61.77	2.54	-	3.85
Pulses.....	1,332,314.00	42.61	13.65	38.08	1.75	1.4	2.51
Horse beans.....	259,063.80	57.61	13.38	23.44	1.77	0.43	3.37
Field peas.....	62,031.80	63.43	10.52	15.78	3.19	1.9	5.19
Haricot beans white.	8,369.40	87.36	3.73	3.64	-	5.27	-
Haricot beans red...	222.70	95.00	5	-	-	-	-
Chick-peas Red.....	286,130.00	53.74	13.38	31.14	1.47	-	0.26
Chick-peas White....	347,745.50	41.63	8.89	47.81	-	-	1.67
Lentils.....	13,539.20	39.00	8	49.82	-	3.18	-
Vetch.....	116,970.70	35.44	8.94	45.4	1.44	7.04	1.73
Soya beans.....	180,515.00	3.65	19.15	67	0.77	0.96	8.46
Fenugreek.....	35,565.70	29.59	9.83	58.69	1.9	-	-
Mung bean/'Masho'...	22,160.30	1.79	21.31	73.06	1.9	0.77	1.17
Gibto.....	-	30.23	9.99	54.76	1.46	0.07	3.5
Oilseeds.....	495,723.60	30.23	9.99	54.76	1.46	0.07	3.5
Neug.....	72,084.00	27.18	8.23	55.84	-	-	8.75
Linseed.....	22,553.70	53.91	8.15	34.01	3.47	0.26	0.19
Groundnuts.....	3,399.90	20.00	20	47.5	-	-	12.5
Safflower.....	2,507.60	94.44	3.33	2.22	-	-	-
Sesame.....	392,078.40	4.21	13.96	76.72	1.21	-	3.9
Rapeseed.....	3,100.10	73.46	1.29	23.05	0.66	-	1.54
Vegetables.....	127,715.80	76.12	0.96	20.51	0.75	-	1.66
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	3,733.40	75.00	-	25	-	-	-
Ethiopian Cabbage...	502.20	100.00	-	-	-	-	-
Tomatoes.....	2,529.70	100.00	-	-	-	-	-
Green peppers.....	4,492.70	74.55	-	22.73	-	-	2.73
Red peppers.....	116,457.90	75.63	1.1	20.72	0.86	-	1.7
Swiss chard.....	-	76.35	4.68	17.88	-	-	1.1
Root Crops.....	859,236.80	76.14	4.72	18.04	-	-	1.11
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	14,770.50	21.67	-	78.33	-	-	-
Potatoes.....	779,275.10	92.40	1.73	4.42	-	-	1.44
Yam.....	-	76.67	10	11.67	-	-	1.67
Garlic.....	65,191.30	63.47	7.51	28.17	-	-	0.85
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	70.00	7.5	22.5	-	-	-
Permanent Crops.....	81,137.80	52.8	0.39	44.26	-	-	2.55
Avocados.....	-	-	-	-	-	-	-
Bananas.....	6,583.90	26.13	-	72.13	-	-	1.75
Guavas.....	32.50	20.00	80	-	-	-	-
Lemons.....	12,723.70	6.83	-	91.33	-	-	1.83
Mangoes.....	3,072.10	14.50	-	85.5	-	-	-
Oranges.....	-	12.00	-	85	-	-	3
Papayas.....	1,783.90	26.14	0.71	71.71	-	-	1.43
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	1,073.30	48.77	-	48.68	-	-	2.55
Hops/'Gesho'.....	55,868.30	62.31	0.03	34.92	-	-	2.74
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.3.10- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

West Gonder

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops.....	4,433,431.20	51.37	8.2	34.91	1.88	2.05	1.59
Cereals.....	3,384,740.00	68.06	7.73	18.03	1.5	3.02	1.65
Teff.....	234,480.60	55.17	9.58	32.81	0.97	0.03	1.45
Barley.....	-	-	-	-	-	-	-
Wheat.....	-	-	-	-	-	-	-
Maize.....	372,888.70	73.27	7.21	11.01	0.5	6.35	1.66
Sorghum.....	2,624,777.10	64.64	7.76	22.11	2.88	0.91	1.7
Finger millet.....	151,439.50	79.55	7.5	10.61	0.56	0.06	1.73
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	1,154.10	12.50	10	77.5	-	-	-
Pulses.....	118,496.80	64.91	12.29	20.09	0.85	-	1.87
Horse beans.....	715.80	63.33	20	11.67	-	-	5
Field peas.....	-	20.00	60	10	10	-	-
Haricot beans white..	2,131.70	87.50	6.25	5	-	-	1.25
Haricot beans red...	-	-	-	-	-	-	-
Chick-peas Red.....	5,505.60	75.00	10	15	-	-	-
Chick-peas White....	-	97.50	2.5	-	-	-	-
Lentils.....	270.10	87.50	7.5	5	-	-	-
Vetch.....	-	-	-	-	-	-	100
Soya beans.....	100,228.60	25.39	15.71	56.57	1.96	-	0.36
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'...	12,114.30	83.60	10.25	4.91	0.32	-	0.93
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	930,194.40	7.87	8.59	79.09	3	0.07	1.38
Neug.....	20,883.90	41.65	8.65	44.12	1.47	-	4.12
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	1,157.60	24.29	10.24	64.29	-	-	1.19
Safflower.....	-	-	-	-	-	-	-
Sesame.....	908,145.60	5.81	8.49	81.13	3.19	0.07	1.29
Rapeseed.....	7.30	73.28	2.25	21.02	0.68	-	2.77
Vegetables.....	22,325.50	73.35	2.16	21.02	0.69	-	2.78
Lettuce.....	-	5.29	6.14	87.14	-	-	1.43
Head Cabbage.....	-	25.00	-	50	-	-	25
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	8,353.70	58.75	-	40.94	-	-	0.31
Green peppers.....	3,977.40	55.25	-	42.5	-	-	2.25
Red peppers.....	9,994.40	79.23	2.37	14.58	0.84	-	2.98
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	374.00	-	-	-	-	-	-
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	-	-	-	-	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	374.00	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	6,239.40	50.44	0.34	43.07	-	-	6.15
Avocados.....	-	-	-	-	-	-	-
Bananas.....	349.60	-	-	-	-	-	-
Guavas.....	-	-	-	-	-	-	-
Lemons.....	50.40	39.67	-	52.67	-	-	7.67
Mangoes.....	1,280.00	7.50	-	87.5	-	-	5
Oranges.....	923.60	87.50	-	-	-	-	12.5
Papayas.....	2,715.40	56.00	-	36	-	-	8
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	123.10	57.35	-	35.88	-	-	6.76
Hops/'Gesho'.....	797.40	47.07	0.67	47.27	-	-	5
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.4- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Oromia Region

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops.....	169,614,568.10	58.99	12.47	24.92	0.55	0.76	2.32
Cereals.....	152,421,549.20	62.74	11.84	21.4	0.62	0.95	2.45
Teff.....	26,904,670.10	50.11	14.63	32.2	0.62	0.24	2.21
Barley.....	12,319,947.90	61.43	17.03	17.83	0.43	1.14	2.14
Wheat.....	32,877,497.10	51.12	17.26	28.12	0.64	0.47	2.39
Maize.....	58,887,064.30	71.06	6.62	17.13	0.75	1.55	2.89
Sorghum.....	18,366,126.60	73.84	10.74	11.8	0.36	1.07	2.19
Finger millet.....	2,515,632.40	71.90	10.84	13.96	0.74	0.53	2.02
Oats/'Aja'.....	231,032.80	55.37	17.45	23.78	0.96	0.32	2.12
Rice.....	319,578.00	44.25	15.36	36.84	0.68	0.91	1.95
Pulses.....	13,893,359.30	55.40	14.28	27.84	0.33	0.32	1.83
Horse beans.....	5,364,301.00	56.91	14.85	25.45	0.25	0.27	2.27
Field peas.....	1,654,867.00	52.12	17.21	27.97	0.38	0.35	1.97
Haricot beans white..	670,686.70	66.84	8.67	22.37	0.26	0.29	1.57
Haricot beans red...	1,515,618.90	67.51	9.66	20.33	0.36	0.43	1.72
Chick-peas Red.....	2,156,965.10	42.52	18.48	37.01	0.42	0.08	1.49
Chick-peas White....	291,670.50	39.41	17.99	40.05	0.69	-	1.86
Lentils.....	438,816.20	44.12	19.09	35.64	0.24	-	0.91
Vetch.....	1,172,421.10	40.80	17.79	38.16	0.8	0.9	1.56
Soya beans.....	228,396.80	45.00	13.94	38.94	-	0.58	1.54
Fenugreek.....	298,804.40	50.42	12.44	36.35	0.12	-	0.67
Mung bean/'Masho"...	100,811.60	13.65	11.58	74.29	-	-	0.48
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	3,299,659.60	28.58	13.3	54.98	0.48	0.11	2.54
Neug.....	1,383,505.80	16.84	13.54	68.06	0.36	0.04	1.17
Linseed.....	616,462.50	37.68	14.03	46.5	0.22	0.47	1.09
Groundnuts.....	1,010,364.20	20.11	15.46	61.62	0.93	0.01	1.87
Safflower.....	8,198.80	45.54	12.86	34.11	-	-	7.5
Sesame.....	196,558.00	23.97	15.05	56.86	1.6	-	2.53
Rapeseed.....	84,570.20	73.59	1.4	22.05	0.22	0.09	2.65
Vegetables.....	3,738,852.10	75.11	0.89	21.36	0.23	0.09	2.32
Lettuce.....	4,992.90	70.63	2.81	25.47	-	-	1.09
Head Cabbage.....	388,740.20	72.39	0.16	24.71	0.24	0.09	2.41
Ethiopian Cabbage...	1,331,813.50	81.31	0.76	15.45	0.12	0.15	2.2
Tomatoes.....	296,301.20	58.53	0.15	38.99	-	0.11	2.21
Green peppers.....	462,623.50	79.60	0.47	16.77	0.18	0.02	2.97
Red peppers.....	1,247,773.70	60.88	1.94	34.89	0.54	-	1.75
Swiss chard.....	6,607.20	68.21	5.46	23.43	0.29	0.59	2.02
Root Crops.....	17,518,649.90	68.03	5.51	23.58	0.29	0.59	2.01
Beetroot.....	194,903.70	71.43	0.9	26.1	0.1	0.09	1.38
Carrot.....	96,415.20	48.47	0.65	48.99	-	0.16	1.73
Onion.....	1,364,370.10	60.71	3.37	34.6	0.06	0.05	1.21
Potatoes.....	5,027,918.60	46.66	11.15	38.74	1.44	-	2.01
Yam.....	-	61.50	6.25	29.25	2.5	-	0.5
Garlic.....	559,710.90	57.87	14.39	26.68	0.08	0.04	0.94
Taro/'Godere'.....	1,543,405.20	83.14	5.61	7.47	0.09	0.6	3.09
Sweet potatoes.....	8,731,926.10	74.62	1.23	19.58	0.3	1.76	2.51
Permanent Crops.....	52,343,589.48	39	2	58.5			0.5
Avocados.....	969,594.10	46.99	0.15	48.16	0.3	0.02	4.37
Bananas.....	1,796,986.90	45.88	0.3	49.81	0.3	0.14	3.57
Guavas.....	10,857.90	31.51	-	62.73	0.17	-	5.58
Lemons.....	561,940.40	55.54	0.14	38.58	0.37	0.1	5.27
Mangoes.....	163,587.30	48.83	-	46.01	0.23	-	4.92
Oranges.....	324,328.10	61.96	0.79	33.55	0.35	0.05	3.29
Papayas.....	263.80	72.22	0.56	26.11	-	-	1.11
Pineapples.....	2,159,420.70	27.28	0.23	66.58	0.46	0.08	5.38
Chat.....	3,951,191.50	42.50	0.62	53.01	1.21	0.05	2.61
Coffee.....	90,167.20	37.67	0.66	58.17	0.27	0.02	3.2
Hops/'Gesho'.....	3,076,851.10	47.96	1.88	42.35	0.62	2.56	4.63
Sugar cane.....	39,238,400.48	78.94	1.01	13.34	1.12	1.99	3.61
Enset.....	169,614,568.10	58.99	12.47	24.92	0.55	0.76	2.32

TABLE 1.4.1- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

West Wellega

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	8,598,783.10	66.35	11.61	19.31	0.2	0.33	2.2
Cereals.....	7,892,277.50	72.70	10.81	13.05	0.28	0.48	2.68
Teff.....	424,842.80	53.08	16.54	25.58	0.58	-	4.23
Barley.....	20,366.00	76.25	16.56	5.63	-	-	1.56
Wheat.....	119,442.60	75.36	11.07	12.86	-	-	0.71
Maize.....	4,843,952.90	76.71	7.23	11.86	0.37	0.57	3.26
Sorghum.....	1,600,350.80	75.37	10.93	11.44	0.28	0.32	1.67
Finger millet.....	883,322.40	71.86	13.65	11.15	-	0.99	2.35
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	343,088.80	71.86	15.4	11.9	-	-	0.84
Horse beans.....	97,746.40	74.17	15.5	9.17	-	-	1.17
Field peas.....	31,365.00	67.69	25	6.54	-	-	0.77
Haricot beans white..	69,566.30	88.57	5	5	-	-	1.43
Haricot beans red...	71,560.60	76.72	12.03	10.94	-	-	0.31
Chick-peas Red.....	444.00	20.00	30	50	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	499.80	50.00	10	30	-	-	10
Soya beans.....	71,771.40	27.14	15.71	57.14	-	-	-
Fenugreek.....	135.50	90.00	10	-	-	-	-
Mung bean/'Masho"...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	363,416.80	-	-	-	-	-	-
Neug.....	343,896.70	13.86	12.11	72.89	-	-	1.14
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	6,845.80	33.33	6.67	60	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	12,674.30	75.52	1.05	21.05	-	-	2.38
Vegetables.....	94,526.30	-	-	-	-	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	1,285.10	100.00	-	-	-	-	-
Ethiopian Cabbage...	24,739.10	91.76	-	5.59	-	-	2.65
Tomatoes.....	1,321.00	50.00	-	40	-	-	10
Green peppers.....	33,432.60	87.50	-	8.91	-	-	3.59
Red peppers.....	33,491.20	72.50	-	26.1	-	-	1.4
Swiss chard.....	257.30	83.23	1.21	14.74	-	-	0.82
Root Crops.....	1,572,749.60	-	-	-	-	-	-
Beetroot.....	1,172.50	100.00	-	-	-	-	-
Carrot.....	1,718.50	75.00	-	25	-	-	-
Onion.....	1,890.80	85.00	-	15	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	2,033.00	90.00	10	-	-	-	-
Taro/'Godere'.....	69,998.70	99.00	-	-	-	-	1
Sweet potatoes.....	1,495,936.30	80.56	1.24	17.36	-	-	0.84
Permanent Crops.....	1,455,053.16	36.11	0.18	61.18	0.25	-	2.28
Avocados.....	84,822.20	42.45	-	53.92	-	-	3.63
Bananas.....	281,145.90	40.21	-	58.14	0.11	-	1.54
Guavas.....	-	-	-	-	-	-	-
Lemons.....	2,421.80	12.86	-	85.71	-	-	1.43
Mangoes.....	144,234.60	38.45	-	59.14	-	-	2.41
Oranges.....	39,386.30	31.36	-	68.3	-	-	0.34
Papayas.....	7,805.80	67.78	-	28.33	-	-	3.89
Pineapples.....	*	100.00	-	-	-	-	-
Chat.....	11,126.00	15.19	-	81.85	0.19	-	2.78
Coffee.....	778,531.20	41.19	0.6	54.87	0.7	-	2.65
Hops/'Gesho'.....	9,261.90	11.15	-	88.46	-	-	0.38
Sugar cane.....	75,221.00	40.00	-	53	-	-	7
Enset.....	21,096.46	93.33	-	-	-	-	6.67

TABLE 1.4.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

East Wellega

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops.....	13,573,408.10	55.52	10.86	30.91	0.24	0.4	2.06
Cereals.....	12,532,903.30	60.28	9.56	26.9	0.33	0.56	2.37
Teff.....	1,282,300.30	55.84	14.85	26.1	0.45	0.04	2.7
Barley.....	141,230.70	57.63	27.11	14.34	-	0.2	0.72
Wheat.....	336,576.00	61.04	20.07	16.64	-	-	2.24
Maize.....	9,118,041.40	61.84	2.45	31.41	0.48	0.91	2.91
Sorghum.....	1,079,023.30	59.07	11.08	27.38	0.03	0.62	1.82
Finger millet.....	533,475.10	65.96	11.62	20.27	0.18	0.61	1.37
Oats/'Aja'.....	230.40	60.00	20	20	-	-	-
Rice.....	42,026.20	50.53	12.37	36.58	-	-	0.53
Pulses.....	392,848.40	65.96	13.03	19.29	-	0.03	1.69
Horse beans.....	140,696.80	71.84	13.2	13.16	-	-	1.8
Field peas.....	69,244.90	68.02	15.32	15.56	-	-	1.11
Haricot beans white.....	2,547.60	94.83	3.5	1.67	-	-	-
Haricot beans red.....	47,222.90	78.55	9.47	8.68	-	-	3.29
Chick-peas Red.....	7,170.20	73.75	9.38	16.88	-	-	-
Chick-peas White.....	-	-	-	-	-	-	-
Lentils.....	5,294.20	41.43	10	46.43	-	-	2.14
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	120,184.10	27.29	15.21	54.17	-	0.42	2.92
Fenugreek.....	487.70	47.83	17.61	34.57	-	-	-
Mung bean/'Masho'...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	647,656.40	16.32	12.73	69.03	0.37	-	1.5
Neug.....	278,835.30	12.78	13.42	73.39	-	-	0.42
Linseed.....	237.10	65.00	33.33	-	-	-	1.67
Groundnuts.....	288,041.90	12.31	20.66	65.11	0.22	-	1.7
Safflower.....	358.90	10.00	10	80	-	-	-
Sesame.....	71,953.50	22.33	15.67	62	-	-	-
Rapeseed.....	8,229.80	76.43	1.83	20.7	-	-	1.04
Vegetables.....	165,057.80	69.60	2.5	19.3	-	-	8.6
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	9,083.30	81.33	-	18	-	-	0.67
Ethiopian Cabbage...	7,646.50	90.24	-	9.76	-	-	-
Tomatoes.....	971.30	65.00	-	35	-	-	-
Green peppers.....	27,800.90	85.76	0.29	11.38	-	-	2.57
Red peppers.....	119,555.80	75.12	1.76	22.72	-	-	0.4
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	961,057.30	75.65	1.73	21.05	0.08	0.56	0.9
Beetroot.....	11,143.90	62.57	2.16	34.59	-	-	0.68
Carrot.....	8,217.20	22.86	-	76.43	-	-	0.71
Onion.....	21,603.70	70.77	-	28.85	-	-	0.38
Potatoes.....	229,291.30	59.23	13.85	26.92	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	6,763.50	63.17	14.67	20.83	-	-	1.33
Taro/'Godere'.....	27,654.80	88.53	4.12	7.35	-	-	-
Sweet potatoes.....	656,382.90	76.35	0.36	21.8	-	0.32	1.17
Permanent Crops.....	403,834.48	51.16	-	46.08	0.03	-	2.73
Avocados.....	5,958.60	52.92	-	35.21	-	-	11.88
Bananas.....	65,050.30	54.22	-	43.63	-	-	2.14
Guavas.....	563.30	100.00	-	-	-	-	-
Lemons.....	1,043.50	45.00	-	46.67	-	-	8.33
Mangoes.....	54,242.10	63.73	-	30.76	-	-	5.51
Oranges.....	10,518.10	46.46	-	50.63	-	-	2.92
Papayas.....	49,138.00	66.76	-	32.7	-	-	0.54
Pineapples.....	-	-	-	-	-	-	-
Chat.....	20,463.60	13.82	-	85.42	-	-	0.75
Coffee.....	86,430.50	72.14	-	25.71	0.12	-	2.02
Hops/'Gesho'.....	7,031.60	23.80	-	75.32	-	-	0.89
Sugar cane.....	102,520.20	45.00	-	47.33	-	-	7.67
Enset.....	874.68	100.00	-	-	-	-	-

TABLE 1.4.3- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Illubabor

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops.....	4,088,119.20	71.36	8.39	16.69	0.85	0.68	2.02
Cereals.....	3,849,913.60	71.19	8.33	16.52	0.9	0.96	2.1
Teff.....	198,269.50	69.26	12.5	15.66	0.9	0.12	1.56
Barley.....	29,814.50	67.78	10.28	20.56	-	-	1.39
Wheat.....	11,838.00	80.00	10.38	8.08	-	-	1.54
Maize.....	2,893,408.90	75.22	5.93	14.02	1.03	1.21	2.57
Sorghum.....	457,147.20	69.64	9.85	17.29	0.6	1.1	1.53
Finger millet.....	152,359.10	75.66	8.36	12.44	1.32	0.34	1.88
Oats/'Aja'.....	433.60	20.00	55	25	-	-	-
Rice.....	106,642.80	21.13	14.25	59.25	0.75	2.25	2.38
Pulses.....	223,234.20	74.42	8.46	15.04	0.52	-	1.56
Horse beans.....	58,425.00	70.20	12.07	15.74	0.57	-	1.42
Field peas.....	45,294.80	64.47	13.16	19.61	0.79	-	1.97
Haricot beans white.	24,393.80	81.71	7.38	8.29	0.12	-	2.51
Haricot beans red...	92,403.40	76.05	6.58	15.51	0.66	-	1.2
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	48.10	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	619.40	50.00	20	30	-	-	-
Soya beans.....	1,356.60	80.00	1.43	18.57	-	-	-
Fenugreek.....	693.00	32.50	7.5	60	-	-	-
Mung bean/'Masho"...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	14,971.40	44.63	9.5	38.63	2.88	-	4.38
Neug.....	1,027.60	15.00	15	60	-	-	10
Linseed.....	794.80	50.00	12.5	30	-	-	7.5
Groundnuts.....	2,208.50	42.22	7.78	48.89	-	-	1.11
Safflower.....	29.80	90.00	10	-	-	-	-
Sesame.....	4,836.20	13.33	10	62.22	9.44	-	5
Rapeseed.....	6,074.60	68.63	0.95	25.97	0.9	0.01	3.54
Vegetables.....	125,546.90	68.84	0.69	26.11	0.86	0.01	3.49
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	16,916.20	67.33	0.17	27.33	1.33	0.08	3.75
Ethiopian Cabbage...	23,750.70	76.56	-	19.22	0.37	-	3.85
Tomatoes.....	522.10	92.22	-	6.67	-	-	1.11
Green peppers.....	12,718.80	71.29	0.52	22.48	1.43	-	4.29
Red peppers.....	71,570.80	60.25	1.62	34.79	0.67	-	2.68
Swiss chard.....	68.30	75.88	2.08	15.78	0.78	0.57	4.9
Root Crops.....	293,519.20	75.88	2.08	15.78	0.78	0.57	4.9
Beetroot.....	2,858.20	72.71	1.71	21.43	1	-	3.14
Carrot.....	3,895.70	61.11	-	37.78	-	-	1.11
Onion.....	2,538.50	75.33	1.67	18.67	-	-	4.33
Potatoes.....	31.20	35.00	5	40	15	-	5
Yam.....	-	-	-	-	-	-	-
Garlic.....	510.30	81.54	4.62	12.69	-	-	1.15
Taro/'Godere'.....	163,912.90	79.84	2.6	10.99	0.32	0.03	6.22
Sweet potatoes.....	119,772.30	70.36	0.94	20.36	1.74	2.39	4.2
Permanent Crops.....	1,308,256.44	40.99	0.36	52.18	1.8	0.08	4.59
Avocados.....	100,601.00	38.02	-	54.62	1.13	-	6.23
Bananas.....	116,204.00	41.53	-	52.38	1.16	-	4.93
Guavas.....	141.10	52.50	-	34.17	0.83	-	12.5
Lemons.....	463.10	45.45	-	44.55	0.45	-	9.55
Mangoes.....	26,045.20	49.95	-	41.37	2.53	-	6.16
Oranges.....	3,158.70	47.10	-	44.68	1.94	-	6.29
Papayas.....	21,023.30	52.63	1.12	42.57	0.39	-	3.29
Pineapples.....	121.10	64.00	2	32	-	-	2
Chat.....	33,015.40	30.28	0.08	61.89	1.58	0.03	6.13
Coffee.....	613,635.40	29.56	0.63	65.14	1.97	0.01	2.7
Hops/'Gesho'.....	4,859.20	29.12	2.65	60.74	2.94	-	4.56
Sugar cane.....	130,655.00	50.52	0.69	42.59	0.86	-	5.34
Enset.....	258,333.94	81.75	0.28	8.73	4.25	0.91	4.09

TABLE 1.4.4- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS,

Jimma

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops.....	15,724,692.80	68.55	11.96	15.75	0.54	0.81	2.41
Cereals.....	14,466,500.60	71.07	10.89	13.5	0.67	0.99	2.87
Teff.....	2,266,304.60	69.31	14.26	13.82	0.33	0.05	2.22
Barley.....	447,174.60	67.24	17.27	10.21	-	3.58	1.7
Wheat.....	918,793.80	72.30	13.96	11.58	0.32	0.09	1.76
Maize.....	8,785,490.00	72.93	4.08	15.64	1.05	1.67	4.62
Sorghum.....	1,899,716.80	72.12	12.3	12.35	0.95	0.27	2.02
Finger millet.....	71,236.90	86.48	7.48	1.24	2.86	-	1.95
Oats/'Aja'.....	2,374.70	69.17	21.67	5	-	-	4.17
Rice.....	75,409.20	50.25	25	24.33	-	-	0.42
Pulses.....	1,050,035.50	67.09	14.44	16.7	0.16	0.22	1.4
Horse beans.....	452,334.20	57.73	14.79	25.2	0.05	0.05	2.17
Field peas.....	199,935.80	59.17	20.43	17.64	0.8	-	1.95
Haricot beans white..	7,958.60	93.61	3.34	2.2	-	-	0.85
Haricot beans red...	44,366.00	86.41	8.81	3.66	-	0.71	0.41
Chick-peas Red.....	335,910.40	36.43	24.57	39	-	-	-
Chick-peas White....	3,169.30	86.00	4	10	-	-	-
Lentils.....	4,928.70	50.00	32.63	15	-	-	2.37
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	1,405.90	81.67	6.67	8.33	-	-	3.33
Fenugreek.....	26.60	90.00	10	-	-	-	-
Mung bean/'Masho"...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	208,156.70	41.43	15.3	41.45	0.42	0.85	0.55
Neug.....	98,818.50	12.71	12.75	72.25	2.08	-	0.21
Linseed.....	25,092.80	67.05	13.45	16.73	-	1.79	0.98
Groundnuts.....	76,058.20	4.21	20.07	75.71	-	-	-
Safflower.....	1,104.40	20.56	21.67	57.78	-	-	-
Sesame.....	1,204.70	-	30	70	-	-	-
Rapeseed.....	5,878.20	78.08	1.02	18.28	0.01	0.03	2.58
Vegetables.....	478,409.80	78.89	0.66	17.78	0.01	0.03	2.63
Lettuce.....	137.90	100.00	-	-	-	-	-
Head Cabbage.....	51,416.50	82.51	-	15	-	-	2.49
Ethiopian Cabbage...	189,311.70	86.93	0.31	9.74	0.02	0.06	2.94
Tomatoes.....	12,553.60	83.44	0.16	14.06	-	-	2.34
Green peppers.....	29,498.60	81.95	0.53	14.06	-	-	3.45
Red peppers.....	195,430.10	42.75	2.58	54.01	-	-	0.66
Swiss chard.....	61.40	77.12	8.25	11.87	0.15	0.17	2.44
Root Crops.....	1,501,657.70	77.07	8.27	11.89	0.15	0.17	2.45
Beetroot.....	23,663.10	63.10	-	34.48	-	-	2.41
Carrot.....	284.40	20.00	-	80	-	-	-
Onion.....	4,134.70	90.33	-	9	-	-	0.67
Potatoes.....	111,021.30	57.57	9.86	31.57	-	-	1
Yam.....	-	-	-	-	-	-	-
Garlic.....	5,578.40	65.63	3.96	28.96	-	-	1.46
Taro/'Godere'.....	1,157,358.60	81.32	10.45	4.99	0.06	0.25	2.92
Sweet potatoes.....	199,617.20	77.34	3.62	17.23	-	-	1.81
Permanent Crops.....	5,727,596.57	58.39	0.48	35.76	0.37	0.31	4.69
Avocados.....	356,807.60	49.81	0.22	46.06	0.05	-	3.86
Bananas.....	340,611.00	51.72	0.08	45.23	-	0.2	2.78
Guavas.....	3,123.70	74.51	-	14.26	-	-	11.23
Lemons.....	521.50	30.38	-	61.15	-	-	8.46
Mangoes.....	106,983.10	62.70	-	28.47	-	0.36	8.47
Oranges.....	25,758.30	58.21	-	34.51	-	-	7.28
Papayas.....	21,917.00	74.73	0.41	22.19	-	-	2.67
Pineapples.....	142.70	80.00	-	18.75	-	-	1.25
Chat.....	155,713.60	49.56	0.29	42.28	0.17	0.03	7.67
Coffee.....	996,955.30	49.30	0.9	46.76	0.25	-	2.79
Hops/'Gesho'.....	4,834.80	57.58	-	41.52	-	-	0.91
Sugar cane.....	536,014.30	64.84	1.3	27.09	0.08	1.69	5
Enset.....	3,178,213.67	84.64	0.91	7.33	1.94	1.12	4.06

TABLE 1.4.5- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

West Shewa

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops.....	17,104,537.30	57.92	13.55	26.26	0.09	0.25	1.93
Cereals.....	15,071,472.60	61.25	12.53	23.69	0.09	0.36	2.07
Teff.....	4,221,438.90	46.01	14.45	36.27	0.08	0.16	3.03
Barley.....	1,837,436.90	63.20	18.02	17.58	0.04	0.4	0.77
Wheat.....	2,362,113.80	58.15	19.8	20.64	0.08	0.2	1.13
Maize.....	5,040,554.90	73.79	4.59	18.87	0.11	0.57	2.07
Sorghum.....	1,594,545.10	67.75	9.77	18.58	0.2	0.4	3.31
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	15,382.90	45.91	30.45	22.73	-	0.91	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	1,666,403.30	54.08	16.16	27.84	0.11	0.01	1.8
Horse beans.....	772,590.50	62.68	14.68	20.02	0.2	0.01	2.42
Field peas.....	197,611.20	44.57	17.75	35.77	0.05	0.03	1.82
Haricot beans white..	233.40	90.00	7.5	2.5	-	-	-
Haricot beans red...	20,097.10	53.33	18.33	28.33	-	-	-
Chick-peas Red.....	363,168.70	42.10	15.36	40.94	-	-	1.59
Chick-peas White....	14,554.10	50.00	10	33.33	-	-	6.67
Lentils.....	14,039.30	46.32	21.32	32.37	-	-	-
Vetch.....	276,314.70	49.45	15.94	33.91	-	-	0.7
Soya beans.....	22.80	30.00	70	-	-	-	-
Fenugreek.....	7,301.20	45.16	22.19	32.34	-	-	0.31
Mung bean/'Masho"...	470.30	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	366,661.30	27.65	14.67	57.28	-	-	0.4
Neug.....	165,711.40	19.81	15.93	64.26	-	-	-
Linseed.....	193,499.40	3.94	18.4	77.45	-	-	0.21
Groundnuts.....	868.40	66.67	-	33.33	-	-	-
Safflower.....	11.60	95.00	5	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	6,570.50	77.29	0.94	20.29	0.04	0.27	1.17
Vegetables.....	384,338.10	77.29	0.48	20.74	0.04	0.28	1.16
Lettuce.....	60.20	100.00	-	-	-	-	-
Head Cabbage.....	33,780.50	69.89	-	29.78	-	-	0.33
Ethiopian Cabbage...	100,770.00	80.20	0.59	17.65	-	0.65	0.92
Tomatoes.....	61,507.60	17.14	-	82.86	-	-	-
Green peppers.....	22,247.20	81.04	0.24	17.12	0.14	-	1.46
Red peppers.....	165,505.20	66.40	2.2	27.4	-	-	4
Swiss chard.....	467.40	65.13	7.32	27.1	0.01	-	0.44
Root Crops.....	1,534,313.60	64.28	7.59	27.66	0.01	-	0.45
Beetroot.....	44,993.70	68.84	0.95	29.98	-	-	0.23
Carrot.....	1,062.50	67.00	-	33	-	-	-
Onion.....	345,600.00	72.65	3.77	23.07	0.04	-	0.47
Potatoes.....	926,012.50	65.42	16.67	17.29	-	-	0.63
Yam.....	-	-	-	-	-	-	-
Garlic.....	107,867.60	54.29	15.04	30	-	-	0.67
Taro/'Godere'.....	4,037.80	45.71	5.71	48.57	-	-	-
Sweet potatoes.....	104,739.40	38.36	-	61.64	-	-	-
Permanent Crops.....	797,801.10	65.55	0.43	28.7	0.1	1.09	4.13
Avocados.....	2,379.00	78.33	-	18.33	-	-	3.33
Bananas.....	22,812.60	45.44	-	53.97	-	-	0.59
Guavas.....	78.60	83.33	-	11.67	-	-	5
Lemons.....	1,272.40	-	-	-	-	-	-
Mangoes.....	5,594.40	58.42	-	41.05	-	-	0.53
Oranges.....	265.40	91.25	-	7.5	-	-	1.25
Papayas.....	397.50	100.00	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	1,567.60	11.36	-	88.64	-	-	-
Coffee.....	7,996.60	76.32	0.35	22.63	-	-	0.7
Hops/'Gesho'.....	15,244.10	50.29	-	47.08	0.06	-	2.56
Sugar cane.....	29,185.00	61.67	11.67	24.17	-	-	2.5
Enset.....	711,007.90	81.38	0.32	7.8	0.19	2.67	7.64

TABLE 1.4.6- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

North Shewa

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops.....	10,061,927.60	56.69	16.2	22.53	0.61	1.32	2.66
Cereals.....	8,435,993.50	60.72	15.64	19.02	0.44	1.45	2.73
Teff.....	3,080,332.80	50.86	15.4	29.83	0.71	0.89	2.31
Barley.....	1,172,995.70	64.29	21.07	9.6	0.09	0.18	4.78
Wheat.....	2,110,602.90	55.09	19.42	21.11	0.26	1.15	2.97
Maize.....	281,997.20	78.05	10.44	4.6	0.16	4.31	2.44
Sorghum.....	1,772,683.70	74.26	12.43	9.12	0.13	1.61	2.45
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	17,381.30	64.67	12.67	16.67	4.67	-	1.33
Rice.....	-	-	-	-	-	-	-
Pulses.....	1,573,895.30	47.21	18.35	29.88	1.12	1.12	2.32
Horse beans.....	876,807.40	59.53	17.79	18.34	0.25	1.19	2.91
Field peas.....	28,350.50	48.15	18.15	29.26	-	2.22	2.22
Haricot beans white..	4.60	40.00	20	20	-	20	-
Haricot beans red...	-	-	-	-	-	-	-
Chick-peas Red.....	283,494.30	44.28	19.28	32.11	1.93	-	2.41
Chick-peas White....	11,536.70	46.25	11.25	28.75	11.25	-	2.5
Lentils.....	109,005.60	43.13	23.75	33.13	-	-	-
Vetch.....	262,369.90	35.18	18.22	41.52	1.96	1.3	1.81
Soya beans.....	1,664.80	40.00	20	20	-	20	-
Fenugreek.....	661.60	25.00	25	50	-	-	-
Mung bean/'Masho'...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	52,038.80	46.98	10.33	38.65	0.04	-	4
Neug.....	25,381.90	39.44	9.22	41.67	0.11	-	9.56
Linseed.....	23,979.70	42.25	14	43.5	-	-	0.25
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	1,134.20	100.00	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	1,543.10	82.72	2.28	13.32	0.22	0.65	0.82
Vegetables.....	14,602.50	84.64	1.9	11.79	0.24	0.71	0.71
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	35.00	-	61.67	-	-	3.33
Ethiopian Cabbage...	12,596.40	90.42	0.83	8.58	-	-	0.17
Tomatoes.....	30.30	95.00	5	-	-	-	-
Green peppers.....	1,749.20	84.00	1	11	-	-	4
Red peppers.....	126.50	-	-	-	-	-	-
Swiss chard.....	100.10	58.22	11.12	28.36	0.65	1.5	0.14
Root Crops.....	73,755.60	57.96	11.22	29.13	0.51	1.02	0.15
Beetroot.....	9,061.60	63.75	3.75	30	-	2.5	-
Carrot.....	18,961.50	27.50	2	68.5	-	2	-
Onion.....	5,317.90	50.83	5.83	36.67	1.67	3.33	1.67
Potatoes.....	25,284.50	82.00	8	10	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	12,092.40	58.97	16.29	23.62	0.69	0.34	0.09
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	3,037.70	83.33	-	16.67	-	-	-
Permanent Crops.....	20,419.00	57.64	0.21	34	0.76	0.21	7.18
Avocados.....	3.70	60.00	-	20	-	-	20
Bananas.....	387.10	43.33	-	46.67	-	-	10
Guavas.....	0.10	-	-	-	-	-	-
Lemons.....	142.50	100.00	-	-	-	-	-
Mangoes.....	72.50	90.00	-	10	-	-	-
Oranges.....	143.80	94.00	-	6	-	-	-
Papayas.....	1,827.10	90.00	-	4.29	2.86	-	2.86
Pineapples.....	-	-	-	-	-	-	-
Chat.....	73.80	13.67	-	72.67	0.67	-	13
Coffee.....	415.50	53.33	-	39.44	1.39	-	5.83
Hops/'Gesho'.....	6,590.70	63.44	0.39	32.5	0.78	0.22	2.67
Sugar cane.....	10,762.10	36.50	-	56.5	-	-	7
Enset.....	-	-	-	-	-	-	-

TABLE 1.4.7- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

East Shewa

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops.....	13,177,787.40	45.71	12.65	39.63	0.15	0.08	1.78
Cereals.....	11,883,992.70	47.17	12.56	38.14	0.18	0.1	1.86
Teff.....	3,889,071.60	36.10	12.98	48.9	0.13	0.03	1.87
Barley.....	145,784.70	52.79	13.26	30.58	0.7	0.47	2.21
Wheat.....	3,751,494.30	40.45	16.59	40.81	0.11	-	2.05
Maize.....	3,992,765.50	66.03	8.39	23.45	0.24	0.23	1.66
Sorghum.....	103,646.20	93.33	6.67	-	-	-	-
Finger millet.....	1,230.40	50.00	-	50	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	1,293,794.20	39.91	12.97	45.64	0.02	-	1.46
Horse beans.....	213,766.40	48.06	14.41	34.89	-	-	2.63
Field peas.....	53,318.50	41.25	11	47.25	-	-	0.5
Haricot beans white.....	182,017.70	9.40	9.24	79.36	-	-	2
Haricot beans red.....	232,082.90	73.81	7.48	15.71	-	-	3
Chick-peas Red.....	260,906.40	32.04	14.31	53.44	0.1	-	0.1
Chick-peas White.....	72,302.50	42.50	17.5	38.13	-	-	1.88
Lentils.....	141,197.30	45.00	13.89	41.11	-	-	-
Vetch.....	114,693.40	30.83	14.67	54.5	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	23,352.60	27.00	12	61	-	-	-
Mung bean/'Masho'...	156.50	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	0.40	30.00	20	50	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	0.40	30.00	20	50	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	366,644.50	74.32	1.59	22.95	-	-	1.14
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	93,552.50	-	-	-	-	-	-
Ethiopian Cabbage...	16,871.40	86.67	2.22	11.11	-	-	-
Tomatoes.....	126,957.60	27.50	2.5	70	-	-	-
Green peppers.....	94,871.80	57.14	1.43	37.86	-	-	3.57
Red peppers.....	34,391.30	100.00	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	363,655.40	17.04	5.56	76.85	-	-	0.56
Beetroot.....	20.40	50.00	10	40	-	-	-
Carrot.....	16.10	40.00	20	40	-	-	-
Onion.....	350,948.10	3.16	-	96.05	-	-	0.79
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	12,670.80	51.67	20	28.33	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	97,022.00	35.58	0.38	57.88	-	-	6.15
Avocados.....	-	-	-	-	-	-	-
Bananas.....	-	-	-	-	-	-	-
Guavas.....	-	-	-	-	-	-	-
Lemons.....	20.70	5.00	-	90	-	-	5
Mangoes.....	-	-	-	-	-	-	-
Oranges.....	-	-	-	-	-	-	-
Papayas.....	90,015.00	52.50	-	47.5	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	100	-	-	-
Coffee.....	-	-	-	-	-	-	-
Hops/'Gesho'.....	6,986.30	35.75	0.5	56	-	-	7.75
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.4.8- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Arsi

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops.....	18,263,006.40	52.64	14.24	28.31	0.83	1.34	2.64
Cereals.....	16,448,222.90	56.48	14.06	24.38	0.89	1.59	2.59
Teff.....	1,715,981.20	44.82	12.86	39.38	1.23	0.26	1.44
Barley.....	3,039,954.60	58.70	17.51	20.31	0.5	0.99	1.99
Wheat.....	7,200,170.90	47.54	17.28	30.96	0.69	0.44	3.1
Maize.....	2,992,061.70	65.77	11.71	13.94	1.49	4.12	2.97
Sorghum.....	1,478,371.50	68.96	8.79	17.88	0.11	1.15	3.11
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	21,682.90	28.00	11	59	-	-	2
Rice.....	-	-	-	-	-	-	-
Pulses.....	1,677,159.00	41.49	15.88	38.53	0.56	0.33	3.21
Horse beans.....	1,101,324.70	45.98	16.55	33.21	0.13	0.23	3.9
Field peas.....	364,175.90	29.54	17.31	49.81	1.02	0.37	1.94
Haricot beans white.....	62,167.50	41.00	12	37	6	2.5	1.5
Haricot beans red.....	33,580.20	43.57	7.86	45.36	-	-	3.21
Chick-peas Red.....	16,407.40	20.00	15	65	-	-	-
Chick-peas White.....	15,102.80	12.50	17.5	70	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	63,962.90	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	20,437.50	35.00	10	55	-	-	-
Mung bean/'Masho'....	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	137,624.50	13.54	10.31	74.38	0.63	0.1	1.04
Neug.....	-	-	-	-	-	-	-
Linseed.....	122,886.20	15.14	13.43	69	0.86	0.14	1.43
Groundnuts.....	12,702.60	5.00	-	95	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	299.30	10.00	-	90	-	-	-
Rapeseed.....	1,736.40	55.29	1.21	38.79	0.29	0.14	4.29
Vegetables.....	100,432.50	56.03	0.88	38.24	0.29	0.15	4.41
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	12,326.90	37.50	-	58.33	-	-	4.17
Ethiopian Cabbage....	62,145.60	58.68	1.05	34.08	0.53	0.26	5.39
Tomatoes.....	1,056.20	95.00	-	-	-	-	5
Green peppers.....	6,131.20	75.38	-	20	-	-	4.62
Red peppers.....	18,772.50	28.00	2	69.5	-	-	0.5
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	807,039.20	42.09	10.38	45.66	0.05	-	1.81
Beetroot.....	24,812.90	65.83	-	31.25	-	-	2.92
Carrot.....	22,000.30	42.14	-	53.93	-	-	3.93
Onion.....	461,858.70	46.32	2.11	51.32	-	-	0.26
Potatoes.....	200,226.10	36.43	15.71	43.21	-	-	4.64
Yam.....	-	-	-	-	-	-	-
Garlic.....	98,141.30	29.67	22.83	47.17	0.17	-	0.17
Taro/'Godere'.....	-	100.00	-	-	-	-	-
Sweet potatoes.....	-	70.00	-	30	-	-	-
Permanent Crops.....	254,051.73	36.77	1.04	54.69	1.22	2.01	4.28
Avocados.....	-	-	-	-	-	-	-
Bananas.....	26,693.40	29.72	0.56	63.89	2.78	-	3.06
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	15.00	-	70	-	-	15
Mangoes.....	66.50	80.00	-	20	-	-	-
Oranges.....	5,544.80	21.00	-	70	-	-	9
Papayas.....	3,530.20	50.00	13.33	21.67	13.33	-	1.67
Pineapples.....	-	-	-	-	-	-	-
Chat.....	38,385.40	35.60	0.4	57.8	-	-	6.2
Coffee.....	14,414.80	23.46	1.23	72.69	0.96	-	1.65
Hops/'Gesho'.....	7,357.40	30.48	0.48	64.05	-	-	5
Sugar cane.....	124,423.70	16.67	3.33	61.67	13.33	5	-
Enset.....	33,635.53	68.70	0.87	15.43	-	10.43	4.57

TABLE 1.4.9- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

West Harerghe

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	5,383,285.70	72.59	9.75	13.29	0.19	1.65	2.52
Cereals.....	5,052,279.60	78.40	9.31	7.39	0.17	2.1	2.64
Teff.....	96,578.10	49.22	15.11	34.5	-	0.31	0.86
Barley.....	55,609.30	77.76	10.84	6.31	0.23	2.27	2.59
Wheat.....	23,988.90	76.45	8.5	7.86	-	3.18	4
Maize.....	1,710,317.50	79.27	8.82	6.53	0.09	2.27	3.02
Sorghum.....	3,141,178.10	81.02	8.89	5.24	0.28	2.17	2.41
Finger millet.....	19,810.80	83.13	10.13	4.46	-	1.04	1.25
Oats/'Aja'.....	4,796.70	86.50	5.64	2.14	-	-	5.71
Rice.....	-	-	-	-	-	-	-
Pulses.....	185,404.70	56.20	10.97	30.26	0.28	0.23	2.06
Horse beans.....	5,916.10	53.57	10.71	28.57	-	0.36	6.79
Field peas.....	1,531.90	70.00	16.67	13.33	-	-	-
Haricot beans white.....	138,045.80	48.71	11.79	37.38	0.41	0.15	1.55
Haricot beans red.....	9,594.00	75.56	9.44	10	-	-	5
Chick-peas Red.....	15,200.70	59.55	11.82	26.94	-	-	1.7
Chick-peas White.....	9,835.40	49.29	17.86	31.43	-	-	1.43
Lentils.....	1,565.20	69.44	11.11	19.44	-	-	-
Vetch.....	107.50	70.00	10	5	-	15	-
Soya beans.....	175.40	-	-	-	-	-	-
Fenugreek.....	2,018.90	85.00	5.3	5.78	0.22	-	3.7
Mung bean/'Masho'....	1,413.90	99.33	0.67	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	145,601.40	46.00	11.93	39.53	0.33	0.05	2.17
Neug.....	167.20	58.75	21.25	17.5	-	-	2.5
Linseed.....	2,995.30	71.33	10.03	16.43	-	-	2.2
Groundnuts.....	137,433.10	34.16	11.58	51.35	0.61	0.09	2.21
Safflower.....	-	-	-	-	-	-	-
Sesame.....	4,481.70	34.00	15	49.33	-	-	1.67
Rapeseed.....	524.00	46.76	1.29	46.6	0.77	-	4.58
Vegetables.....	370,495.10	46.43	1.26	46.96	0.78	-	4.57
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage....	431.40	76.67	-	-	-	-	23.33
Tomatoes.....	15,351.80	50.00	-	42.28	-	-	7.72
Green peppers.....	133,021.90	43.00	3	49.8	-	-	4.2
Red peppers.....	221,690.10	43.00	1.13	51.5	1.28	-	3.09
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	1,035,461.70	75.60	0.83	14.77	0.15	3.93	4.72
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	12,261.10	61.25	1.25	33.75	-	-	3.75
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	5,737.80	22.50	7.5	65	-	-	5
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	1,017,462.90	77.69	0.63	12.51	0.17	4.27	4.73
Permanent Crops.....	957,368.80	28.63	0.1	65.15	0.07	0.71	5.34
Avocados.....	-	-	-	-	-	-	-
Bananas.....	65,655.10	43.57	-	47.76	-	1.9	6.78
Guavas.....	172.00	73.33	-	16.67	-	-	10
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	10,717.50	77.27	-	13.18	-	-	9.55
Oranges.....	-	-	-	-	-	-	-
Papayas.....	11,029.30	72.86	-	12.86	-	-	14.29
Pineapples.....	-	-	-	-	-	-	-
Chat.....	544,235.00	24.05	0.04	69.97	0.09	0.31	5.54
Coffee.....	74,620.10	24.89	0.3	71.86	0.07	-	2.89
Hops/'Gesho'.....	754.80	57.50	-	32.5	-	-	10
Sugar cane.....	250,185.00	30.50	0.5	38	-	24.5	6.5
Enset.....	-	-	-	-	-	-	-

TABLE 1.4.10- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

East Harerghe

Type of Crop	Total Production (Quintal)	Household Consumption	Percent	Utilized	For		
			Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	5,852,624.40	74.43	10.55	12.18	0.07	0.99	1.79
Cereals.....	5,332,777.70	82.59	9.89	4.39	0.06	1.28	1.79
Teff.....	10,885.10	73.75	11.25	13.75	-	-	1.25
Barley.....	81,840.90	71.75	22.4	4.68	0.06	0.13	0.97
Wheat.....	245,775.20	75.42	14.26	8.47	-	0.6	1.25
Maize.....	2,199,279.50	85.30	6.25	4.33	0.08	1.7	2.34
Sorghum.....	2,789,427.60	83.38	11	2.98	0.07	1.15	1.43
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	5,569.40	67.94	20.29	11.76	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	159,261.50	64.28	10.76	22.93	0.05	0.1	1.88
Horse beans.....	44,605.60	67.82	12.74	16.21	-	0.16	3.06
Field peas.....	3,743.90	56.00	16	26	-	-	2
Haricot beans white.....	85,135.40	60.41	10.54	26.76	-	0.27	2.03
Haricot beans red.....	6,877.20	68.57	10.71	16.43	0.71	-	3.57
Chick-peas Red.....	2,646.30	86.67	3.33	10	-	-	-
Chick-peas White.....	287.80	60.00	12.5	25	-	-	2.5
Lentils.....	3,004.00	51.47	13.53	32.65	-	-	2.35
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	12,961.20	65.27	7.8	26.93	-	-	-
Mung bean/'Masho'....	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	360,585.20	30.05	14.78	53.4	0.11	-	1.66
Neug.....	-	-	-	-	-	-	-
Linseed.....	8,200.30	60.95	11.79	26.43	-	-	0.83
Groundnuts.....	344,177.50	17.74	16.01	64.39	-	-	1.86
Safflower.....	-	-	-	-	-	-	-
Sesame.....	8,144.10	34.26	13.89	48.89	0.74	-	2.22
Rapeseed.....	63.20	43.24	5.35	49.46	-	-	1.95
Vegetables.....	33,175.10	44.57	4.51	48.86	-	-	2.06
Lettuce.....	4,254.90	9.00	-	91	-	-	-
Head Cabbage.....	14,643.40	54.50	-	44.5	-	-	1
Ethiopian Cabbage....	-	-	-	-	-	-	-
Tomatoes.....	8,630.30	66.67	-	33.33	-	-	-
Green peppers.....	3,119.90	26.67	-	67.5	-	-	5.83
Red peppers.....	2,526.70	51.25	19.75	25.63	-	-	3.38
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	3,676,276.20	58.17	6.25	31.77	0.02	1.78	2.01
Beetroot.....	4,106.50	62.50	-	36.67	-	-	0.83
Carrot.....	-	-	-	-	-	-	-
Onion.....	76,059.00	24.19	5.81	69.19	-	-	0.81
Potatoes.....	150,589.50	30.70	16.05	52.44	-	-	0.81
Yam.....	-	-	-	-	-	-	-
Garlic.....	79,044.50	15.21	30.63	53.75	-	-	0.42
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	3,366,476.60	77.67	1.18	15.43	0.03	2.89	2.81
Permanent Crops.....	1,377,478.20	27.46	0.32	67.31	0.52	0.1	4.29
Avocados.....	517.90	54.00	-	44	-	-	2
Bananas.....	112,085.40	39.33	-	56.39	-	0.05	4.23
Guavas.....	8,594.90	52.96	-	32.15	-	-	14.89
Lemons.....	1,815.30	35.83	-	50.83	-	-	13.33
Mangoes.....	68,671.70	46.28	1.92	46.79	-	-	5
Oranges.....	997.30	10.00	-	80	-	-	10
Papayas.....	35,449.10	43.45	-	51.55	0.69	-	4.31
Pineapples.....	-	-	-	-	-	-	-
Chat.....	1,070,444.20	22.36	0.14	72.72	0.29	0.08	4.41
Coffee.....	32,919.30	25.86	1.01	69.62	1.96	-	1.55
Hops/'Gesho'.....	-	-	-	-	-	-	-
Sugar cane.....	45,983.10	38.94	0.31	52.5	-	2.69	5.56
Enset.....	-	-	-	-	-	-	-

TABLE 1.4.11- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops.....	7,731,534.60	44.52	12.38	36.9	1.13	2.08	2.99
Cereals.....	7,026,521.80	50.76	12.61	29.85	1.13	2.37	3.28
Teff.....	850,550.20	57.44	12.49	27.24	0.85	0.03	1.96
Barley.....	655,989.80	51.38	16.69	24.48	0.98	4.66	1.8
Wheat.....	4,561,911.10	35.90	12.49	44.3	1.6	0.97	4.75
Maize.....	647,834.80	64.19	11.23	13.77	0.94	6.05	3.82
Sorghum.....	183,563.50	75.48	7.86	15.95	-	0.48	0.24
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	126,672.40	37.43	13.03	44.81	1.35	0.81	2.57
Rice.....	-	-	-	-	-	-	-
Pulses.....	633,703.00	24.84	11.5	59.77	1.16	1.06	1.67
Horse beans.....	213,727.50	31.67	9.77	53.71	1.21	1.21	2.42
Field peas.....	99,663.70	30.47	14.69	46.41	1.72	3.75	2.97
Haricot beans white.....	12,072.40	53.42	16.58	28.95	-	-	1.05
Haricot beans red.....	14,022.70	42.00	11	36	8.5	-	2.5
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White.....	-	-	-	-	-	-	-
Lentils.....	25,694.20	13.33	13.33	73.33	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	169,751.50	0.50	6.57	92.93	-	-	-
Mung bean/'Masho'.....	98,770.90	3.85	13.73	81.85	-	-	0.58
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	71,309.80	11.11	12.08	71.25	0.97	0.97	3.61
Neug.....	-	-	-	-	-	-	-
Linseed.....	49,533.40	11.43	8.93	72.5	2.5	2.5	2.14
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	21,220.60	6.50	15	73.5	-	-	5
Rapeseed.....	555.80	70.26	1.66	23.1	-	1.38	3.6
Vegetables.....	50,687.10	70.26	1.51	23.16	-	1.4	3.67
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	2,755.80	58.33	13.33	21.67	-	3.33	3.33
Ethiopian Cabbage.....	36,524.70	74.89	0.82	19.55	-	1.25	3.5
Tomatoes.....	-	8.33	-	81.67	-	5	5
Green peppers.....	925.10	63.33	3.33	23.33	-	-	10
Red peppers.....	10,481.60	60.00	-	40	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	590,625.60	25.65	8.06	61.39	1.2	0.65	3.06
Beetroot.....	11,319.50	60.00	-	40	-	-	-
Carrot.....	2,998.20	42.50	-	50.83	-	-	6.67
Onion.....	5,129.70	32.50	32.5	32.5	-	-	2.5
Potatoes.....	264,742.30	21.74	9.78	66.52	0.43	-	1.52
Yam.....	-	-	-	-	-	-	-
Garlic.....	7,929.30	20.00	6.67	70	-	-	3.33
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	298,506.60	21.67	3.33	62.5	4.58	2.92	5
Permanent Crops.....	1,745,921.90	21.60	0.21	71.13	2.07	0.31	4.68
Avocados.....	23,883.90	11.67	-	86.9	-	-	1.43
Bananas.....	88,909.20	19.86	-	73.47	0.85	-	5.81
Guavas.....	600.60	80.00	-	-	-	-	20
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	31,240.80	15.34	0.17	78.86	-	0.52	5.1
Oranges.....	8,788.20	28.33	-	63.33	-	-	8.33
Papayas.....	14,255.30	40.53	-	48.95	-	1.05	9.47
Pineapples.....	-	-	-	-	-	-	-
Chat.....	10,127.50	17.65	-	70	5.88	-	6.47
Coffee.....	127,874.40	7.67	-	86.86	3.2	-	2.27
Hops/'Gesho'.....	1,291.10	21.67	-	71.67	-	-	6.67
Sugar cane.....	276,739.90	93.50	-	1.5	-	-	5
Enset.....	1,162,211.00	6.71	3.86	69.79	11.79	3.79	4.07

TABLE 1.4.12- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Borena

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops.....	200,126.00	55.73	14.5	25.8	0.33	2.03	1.6
Cereals.....	139,045.20	57.98	14.51	23.05	0.31	2.64	1.51
Teff.....	25,785.00	46.38	15.5	36.13	0.5	-	1.5
Barley.....	-	-	-	-	-	-	-
Wheat.....	4,456.30	27.50	22.5	50	-	-	-
Maize.....	89,120.90	58.97	14.85	19.95	0.32	3.86	2.05
Sorghum.....	19,683.10	75.19	11.35	10.19	-	3.27	-
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	61,080.80	51.58	14.49	30.89	0.38	0.89	1.77
Horse beans.....	7.30	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white..	997.90	50.00	1	40	-	4	5
Haricot beans red...	57,716.20	51.64	14.39	30.92	0.39	0.87	1.78
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	2,359.50	50.00	25	25	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho"...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	-	-	-	-	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	-	-	-	-	-	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	-	-	-	-	-	-	-
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	-	-	-	-	-	-	-
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	-	-	-	-	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	-	-	-	-	-	-	-
Avocados.....	-	-	-	-	-	-	-
Bananas.....	-	-	-	-	-	-	-
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	-	-	-	-	-	-	-
Oranges.....	-	-	-	-	-	-	-
Papayas.....	-	-	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	-	-	-	-	-	-	-
Hops/'Gesho'.....	-	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.4.13- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

South West Shewa

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	9,918,254.40	53.12	15.08	29.57	0.21	0.31	1.71
Cereals.....	8,110,966.30	56.13	14.47	27.44	0.26	0.33	1.37
Teff.....	3,575,194.20	36.89	15.92	44.92	0.7	0.25	1.33
Barley.....	799,085.90	56.91	16.75	24.3	0.05	0.4	1.58
Wheat.....	2,291,792.80	52.67	18.62	28.29	0.03	0.16	0.24
Maize.....	1,335,147.70	76.04	9.31	11.75	0.05	0.56	2.29
Sorghum.....	107,069.20	79.17	13.46	7.37	-	-	-
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	2,676.40	65.00	16.67	15	-	-	3.33
Rice.....	-	-	-	-	-	-	-
Pulses.....	1,750,055.30	48.73	17.16	32.46	0.1	0.3	1.25
Horse beans.....	551,683.40	51.53	15.03	31.87	0.14	0.22	1.21
Field peas.....	107,665.60	34.78	17.11	46.67	-	0.22	1.22
Haricot beans white..	1,202.90	95.00	5	-	-	-	-
Haricot beans red...	2,226.00	30.00	10	50	-	10	-
Chick-peas Red.....	696,576.60	41.97	21	34.75	0.13	0.28	1.88
Chick-peas White....	68,436.40	33.95	20.79	45.26	-	-	-
Lentils.....	54,721.30	67.33	11.33	21.33	-	-	-
Vetch.....	267,422.20	54.04	18.07	26.71	-	0.53	0.66
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	121.00	30.00	10	60	-	-	-
Mung bean/'Masho"...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	57,232.70	25.81	10.07	50.88	-	-	13.24
Neug.....	12,726.00	9.00	9	81	-	-	1
Linseed.....	41,240.50	4.66	12.76	82.59	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	68.70	25.00	20	55	-	-	-
Sesame.....	0.70	-	-	-	-	-	-
Rapeseed.....	3,196.80	71.73	0.94	22.78	0.01	0.05	4.49
Vegetables.....	131,377.60	73.04	0.48	23.92	0.01	0.05	2.49
Lettuce.....	508.00	69.38	-	30	-	-	0.63
Head Cabbage.....	5,933.80	72.00	1	7	-	-	20
Ethiopian Cabbage...	60,436.00	81.06	0.45	16.93	0.02	-	1.53
Tomatoes.....	43,264.40	30.86	-	68.71	-	-	0.43
Green peppers.....	6,995.10	73.85	0.38	21.97	-	0.17	3.63
Red peppers.....	13,965.20	23.75	5.5	70.75	-	-	-
Swiss chard.....	275.10	62.42	5.3	28.36	0.05	1.82	2.05
Root Crops.....	299,389.70	62.04	5.42	28.48	0.05	1.88	2.12
Beetroot.....	8,118.40	81.45	-	13.03	-	-	5.53
Carrot.....	6,747.90	42.86	5.71	50	-	-	1.43
Onion.....	36,191.70	51.71	4.86	41	0.29	-	2.14
Potatoes.....	182,280.30	37.00	12.75	50.25	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	5,342.10	68.37	10.47	18.84	-	-	2.33
Taro/'Godere'.....	6,130.10	62.61	1.74	19.57	-	15.65	0.43
Sweet potatoes.....	54,579.20	69.75	0.5	29.75	-	-	-
Permanent Crops.....	1,164,329.90	51.70	0.75	44.05	0.35	0.46	2.69
Avocados.....	16,370.00	39.07	-	58.98	0.42	-	1.53
Bananas.....	17,786.90	41.43	1.02	56.12	-	-	1.43
Guavas.....	259.00	100.00	-	-	-	-	-
Lemons.....	2,049.20	18.25	-	78.75	0.5	-	2.5
Mangoes.....	6,354.70	37.11	-	59.67	0.78	-	2.44
Oranges.....	4,473.80	37.84	-	56.22	0.22	-	5.71
Papayas.....	2,702.00	40.97	0.32	54.52	0.65	-	3.55
Pineapples.....	-	-	-	-	-	-	-
Chat.....	19,675.70	19.53	0.22	75.8	0.44	-	4
Coffee.....	3,396.90	83.50	0.3	15.26	0.08	-	0.86
Hops/'Gesho'.....	10,341.10	25.18	1.72	67.6	0.33	-	5.18
Sugar cane.....	111,732.00	40.49	0.31	56.74	-	0.54	1.92
Enset.....	969,188.60	83.71	1.22	11.43	0.48	1.61	1.54

TABLE 1.4.14- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Guji

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops.....	3,426,810.90	43.59	12.53	38.8	1.03	0.95	3.1
Cereals.....	2,841,330.60	45.72	12.73	36.17	1.31	1.06	3.01
Teff.....	717,973.20	27.34	17.72	50.59	0.57	1.32	2.47
Barley.....	434,649.50	44.95	13.46	35.52	1.19	0.92	3.96
Wheat.....	257,047.10	49.61	10.39	36.96	0.43	-	2.61
Maize.....	1,431,660.80	53.40	10.46	30.5	1.77	1.15	2.72
Sorghum.....	-	-	-	-	-	-	-
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	584,897.10	39.43	12.43	43.46	0.52	0.76	3.4
Horse beans.....	250,731.60	38.87	12.33	44.97	0.81	0.3	2.72
Field peas.....	28,730.10	40.86	14.86	36.79	-	0.36	7.14
Haricot beans white..	30,970.50	40.00	11.67	38.33	1.67	3.33	5
Haricot beans red...	235,293.70	40.00	12.67	41.79	0.16	1.46	3.92
Chick-peas Red.....	1,497.40	40.00	3.33	56.67	-	-	-
Chick-peas White....	3,063.70	-	-	-	-	-	-
Lentils.....	1,812.20	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	32,798.00	40.00	-	60	-	-	-
Mung bean/'Masho'...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	583.20	42.78	4.44	52.78	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	379.10	50.00	1.67	48.33	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	204.10	69.69	1.82	25.55	0.27	-	2.67
Vegetables.....	201,837.40	70.59	1.64	24.77	0.28	-	2.72
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	21,863.40	10.00	-	90	-	-	-
Ethiopian Cabbage...	141,670.50	73.37	1.34	22.16	0.27	-	2.85
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	37,506.70	65.90	3	27.93	0.33	-	2.83
Red peppers.....	796.80	83.33	-	16.67	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	468,232.30	37.82	5.36	53.73	1.96	0.24	0.89
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	3,800.60	45.50	6.5	47	-	-	1
Potatoes.....	310,832.40	20.18	16	55.27	7.45	-	1.09
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	146,907.20	40.23	-	58.18	0.27	0.5	0.82
Permanent Crops.....	8,496,775.49	44.34	1.2	48.44	1.45	2.15	2.41
Avocados.....	80,670.20	47.31	0.57	49.11	0.57	0.29	2.14
Bananas.....	178,020.50	45.87	-	50	0.43	1.04	2.65
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	3,002.90	-	-	-	-	-	-
Oranges.....	-	-	-	-	-	-	-
Papayas.....	-	-	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	59,858.00	8.93	-	90.36	-	-	0.71
Coffee.....	231,443.90	20.35	1.54	73.21	2.41	-	2.49
Hops/'Gesho'.....	-	-	-	-	-	-	-
Sugar cane.....	302,117.70	19.55	0.45	72.73	0.45	1.36	5.45
Enset.....	7,641,662.29	62.08	1.31	28.96	1.24	4.03	2.37

TABLE 1.4.15- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

West Guji

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops.....	710,273.40	51.23	10.27	32.94	0.56	2.94	2.05
Cereals.....	523,154.20	51.93	10.34	31.34	0.44	3.71	2.25
Teff.....	82,431.80	45.63	4.5	45.88	0.63	2.13	1.25
Barley.....	32,811.50	36.92	20.38	39.23	-	3.08	0.38
Wheat.....	27,433.40	49.00	14	35	-	2	-
Maize.....	378,800.10	56.74	8.44	26.94	0.56	4.26	3.06
Sorghum.....	1,564.80	-	-	-	-	-	-
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	112.60	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	186,678.60	49.56	10.09	35.44	0.71	2.28	1.92
Horse beans.....	61,264.60	35.76	13.18	47.58	1.36	0.91	1.21
Field peas.....	13,100.00	23.33	30	43.33	-	3.33	-
Haricot beans white..	14,598.20	52.50	3	29.5	-	10.83	4.17
Haricot beans red...	93,251.50	64.53	3.72	26.34	0.34	2.34	2.72
Chick-peas Red.....	222.30	57.00	27	16	-	-	-
Chick-peas White....	4,242.00	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	440.60	76.67	13.33	10	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	440.60	69.41	0.97	27	0.71	0.37	1.55
Vegetables.....	324,951.80	69.16	0.98	27.22	0.71	0.37	1.57
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	323,950.00	69.14	0.95	27.26	0.73	0.38	1.55
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	1,001.80	70.00	2.5	25	-	-	2.5
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	341,558.70	64.71	3.85	30.37	0.21	-	0.87
Beetroot.....	1,373.50	-	-	-	-	-	-
Carrot.....	351.50	-	-	100	-	-	-
Onion.....	-	-	-	-	-	-	-
Potatoes.....	16,310.10	53.33	6.33	38.33	2	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	49,169.80	74.71	5	20.29	-	-	-
Sweet potatoes.....	274,353.90	58.65	2.92	36.5	0.19	-	1.73
Permanent Crops.....	14,200,520.71	47.60	1.27	46.94	0.84	1.24	2.11
Avocados.....	256,902.10	43.91	-	52.72	-	0.22	3.15
Bananas.....	168,274.00	44.10	0.3	50.3	0.1	0.3	4.9
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	-	35.00	-	65	-	-	-
Oranges.....	1,902.80	75.00	-	25	-	-	-
Papayas.....	-	-	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	15,296.40	4.80	-	87.8	2.4	-	5
Coffee.....	458,249.10	30.46	0.45	64.63	1.58	0.64	2.25
Hops/'Gesho'.....	-	-	-	100	-	-	-
Sugar cane.....	487,107.20	34.04	8.85	52.69	-	1.73	2.69
Enset.....	12,812,789.11	72.41	1.88	22.12	0.38	2.34	0.88

TABLE 1.4.16- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Oromiya Special Zone

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops.....	3,324,998.30	53.30	18.89	25	0.35	0.42	2.05
Cereals.....	2,668,898.10	58.93	18.49	20.17	0.3	0.38	1.71
Teff.....	886,987.40	45.51	18.77	33.35	0.61	-	1.76
Barley.....	610,470.10	67.48	20.71	9.29	0.06	0.63	1.82
Wheat.....	1,075,243.70	52.73	21.78	23.36	0.33	0.23	1.57
Maize.....	67,435.90	84.83	8.82	4.07	-	1.06	1.2
Sorghum.....	28,158.90	79.11	10.89	3.68	-	1.05	5.26
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	602.20	95.00	5	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	651,847.90	42.14	19.9	35.1	0.47	0.49	1.9
Horse beans.....	105,129.40	63.36	19.07	15.23	0.05	0.47	1.82
Field peas.....	33,410.50	50.17	23.17	25.33	-	-	1.33
Haricot beans white..	17.30	-	-	-	-	-	-
Haricot beans red...	269.40	100.00	-	-	-	-	-
Chick-peas Red.....	170,903.50	36.28	20.2	41.55	0.54	-	1.42
Chick-peas White....	89,070.20	26.94	22.78	46.53	0.69	-	3.06
Lentils.....	65,639.30	30.42	22.08	45.94	0.83	-	0.73
Vetch.....	178,540.30	28.98	19.68	45.65	0.91	1.4	3.39
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	8,868.00	10.45	11.36	78.18	-	-	-
Mung bean/'Masho"...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	4,252.30	43.10	16.72	26.72	-	0.38	13.07
Neug.....	14.40	100.00	-	-	-	-	-
Linseed.....	3,571.40	21.67	22.08	53.75	-	0.92	1.58
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	0.60	100.00	-	-	-	-	-
Rapeseed.....	665.90	85.03	2.72	7.39	-	-	4.86
Vegetables.....	69,712.90	88.01	1.63	7.27	-	-	3.1
Lettuce.....	31.90	78.75	10	8.75	-	-	2.5
Head Cabbage.....	5,394.30	84.00	-	10	-	-	6
Ethiopian Cabbage...	59,005.80	89.26	1.2	7.13	-	-	2.41
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	241.50	93.54	0.21	4.38	-	-	1.88
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	5,039.40	63.90	9.73	22.53	-	-	3.85
Root Crops.....	156,928.50	60.47	11.28	25.54	-	-	2.7
Beetroot.....	773.30	96.67	-	3.33	-	-	-
Carrot.....	1,606.50	58.50	-	37.5	-	-	4
Onion.....	19,640.70	65.00	10	25	-	-	-
Potatoes.....	116,962.10	22.22	13.33	53.33	-	-	11.11
Yam.....	-	-	-	-	-	-	-
Garlic.....	17,945.90	62.61	15.11	20.98	-	-	1.3
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	36,096.89	76.81	1.48	17.91	-	0.49	3.3
Avocados.....	91.70	80.00	-	18.33	-	-	1.67
Bananas.....	373.20	90.00	10	-	-	-	-
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	-	-	-	-	-	-	-
Oranges.....	-	-	-	-	-	-	-
Papayas.....	-	-	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	12.10	50.63	-	45	-	-	4.38
Coffee.....	6.80	100.00	-	-	-	-	-
Hops/'Gesho'.....	7,584.00	75.76	1.09	22.28	-	-	0.87
Sugar cane.....	2,208.70	75.00	-	25	-	-	-
Enset.....	25,809.39	80.80	3	5.6	-	1.8	8.8

TABLE 1.4.17- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

West Arsi

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops.....	10,721,097.20	54.94	10.25	29.62	1.52	1.02	2.65
Cereals.....	10,095,624.20	57.85	9.86	26.73	1.72	1.15	2.7
Teff.....	328,493.40	23.27	10.13	64.87	0.47	-	1.26
Barley.....	2,219,882.40	63.15	11.19	19.22	1.55	1.72	3.17
Wheat.....	4,183,076.60	44.06	13.15	34.34	2.95	1.07	4.44
Maize.....	3,202,208.10	70.15	5.85	18.83	1.43	1.47	2.27
Sorghum.....	43,956.50	77.00	16.67	6.33	-	-	-
Finger millet.....	113,523.60	75.27	11.58	11.23	1.78	-	0.14
Oats/'Aja'.....	4,483.70	95.00	2.5	-	-	-	2.5
Rice.....	-	-	-	-	-	-	-
Pulses.....	520,645.40	38.40	12.66	46.16	0.23	0.17	2.38
Horse beans.....	153,473.20	39.00	13.88	43.5	-	-	3.63
Field peas.....	63,972.20	23.00	22	50	-	-	5
Haricot beans white..	16,787.60	30.00	8.75	60	-	-	1.25
Haricot beans red...	278,446.40	40.07	11.83	45.72	0.4	0.28	1.7
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	7,837.40	57.50	-	42.5	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	128.50	50.00	-	50	-	-	-
Mung bean/'Masho'...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	104,827.60	18.85	13.46	63.85	0.77	0.77	2.31
Neug.....	-	-	-	-	-	-	-
Linseed.....	104,701.70	4.50	14.5	77	1	1	2
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	125.80	76.59	1.32	19.38	0.5	-	2.21
Vegetables.....	387,185.50	76.74	1.19	19.37	0.51	-	2.2
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	103,721.20	47.33	-	51	-	-	1.67
Ethiopian Cabbage...	207,541.80	83.58	1.42	12.65	0.12	-	2.23
Tomatoes.....	22,351.80	60.00	-	37.5	-	-	2.5
Green peppers.....	1,873.60	82.50	-	17.5	-	-	-
Red peppers.....	51,417.90	11.00	-	78.5	8	-	2.5
Swiss chard.....	279.20	48.84	6.58	40.62	2.26	-	1.69
Root Crops.....	2,710,311.00	48.84	6.62	40.63	2.27	-	1.65
Beetroot.....	42,261.00	40.36	7.86	51.43	-	-	0.36
Carrot.....	28,030.20	12.27	-	85.91	-	-	1.82
Onion.....	-	-	-	-	-	-	-
Potatoes.....	2,458,790.80	46.64	7.07	40.82	3.45	-	2.03
Yam.....	-	-	-	-	-	-	-
Garlic.....	53,887.60	23.64	18.64	57.27	-	-	0.45
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	127,341.50	92.71	1.25	5	-	-	1.04
Permanent Crops.....	12,424,161.48	75.12	0.84	20.09	0.47	0.64	2.84
Avocados.....	3,623.80	56.25	-	35	-	-	8.75
Bananas.....	30,876.80	65.32	-	31.29	-	-	3.39
Guavas.....	53.20	45.00	-	30	-	-	25
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	34.40	10.00	-	90	-	-	-
Oranges.....	-	-	-	-	-	-	-
Papayas.....	416.10	85.00	-	15	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	4,155.70	20.00	-	80	-	-	-
Coffee.....	28,153.20	51.84	-	40.53	-	-	7.63
Hops/'Gesho'.....	1,006.90	70.00	-	23.33	-	-	6.67
Sugar cane.....	64,336.40	10.00	-	90	-	-	-
Enset.....	12,291,504.98	80.97	1.13	14.51	0.64	0.86	1.9

TABLE 1.4.18- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Kelem Wellega

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops.....	5,433,059.50	68.41	9.36	17.99	0.71	0.45	3.07
Cereals.....	5,089,042.50	69.10	9.35	16.47	1.01	0.64	3.44
Teff.....	160,342.50	35.83	9.58	51.46	-	-	3.13
Barley.....	26,469.00	60.00	8.33	28.33	-	-	3.33
Wheat.....	113,802.50	35.00	55	10	-	-	-
Maize.....	2,985,884.20	74.65	5.6	13.52	1.04	1.04	4.14
Sorghum.....	1,115,179.00	67.91	11.12	15.97	1.22	0.36	3.42
Finger millet.....	640,967.30	72.19	11.04	12.29	0.83	0.63	3.02
Oats/'Aja'.....	1,169.40	90.00	5	5	-	-	-
Rice.....	45,228.70	64.00	17	16	3	-	-
Pulses.....	278,515.60	71.06	9.87	17.97	0.04	-	1.06
Horse beans.....	40,615.50	56.14	10.23	31.59	-	-	2.05
Field peas.....	11,925.40	25.00	10	60.83	0.83	-	3.33
Haricot beans white..	11,762.10	88.13	8.75	2.5	-	-	0.63
Haricot beans red...	184,480.50	74.92	10.15	14.15	-	-	0.77
Chick-peas Red.....	255.90	100.00	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	29,456.20	74.29	11.43	14.29	-	-	-
Fenugreek.....	20.00	100.00	-	-	-	-	-
Mung bean/'Masho"...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	65,501.40	54.63	8.05	31.71	-	-	5.61
Neug.....	23,901.30	38.33	10	50	-	-	1.67
Linseed.....	2,089.00	40.00	10	50	-	-	-
Groundnuts.....	167.70	55.00	5	40	-	-	-
Safflower.....	4,843.10	46.67	7.78	23.33	-	-	22.22
Sesame.....	12,003.20	100.00	-	-	-	-	-
Rapeseed.....	22,496.90	67.44	3.4	27.35	1.01	-	0.8
Vegetables.....	300,656.00	67.14	2.77	28.11	1.17	-	0.83
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	4,706.60	87.50	-	12.5	-	-	-
Ethiopian Cabbage...	13,321.80	88.00	-	12	-	-	-
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	12,338.10	99.29	-	0.71	-	-	-
Red peppers.....	270,289.50	57.27	3.8	36.2	1.6	-	1.13
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	626,856.30	85.00	3.62	10.34	-	0.34	0.69
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	240.50	100.00	-	-	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	37,835.00	88.52	1.85	8.15	-	0.74	0.74
Sweet potatoes.....	588,780.90	80.69	5.52	13.1	-	-	0.69
Permanent Crops.....	762,971.22	55.09	0.84	42.25	0.09	0.43	1.3
Avocados.....	14,261.70	92.00	-	7	-	-	1
Bananas.....	113,405.80	55.54	0.89	43.04	-	-	0.54
Guavas.....	519.30	100.00	-	-	-	-	-
Lemons.....	597.00	10.00	-	90	-	-	-
Mangoes.....	38,290.40	78.54	-	20.24	-	-	1.22
Oranges.....	7,647.60	85.00	-	15	-	-	-
Papayas.....	40,895.80	84.17	-	14.72	-	-	1.11
Pineapples.....	-	-	-	-	-	-	-
Chat.....	19,029.50	16.80	4	77.6	-	-	1.6
Coffee.....	293,891.70	41.53	1.16	55.33	0.25	-	1.74
Hops/'Gesho'.....	665.30	13.16	-	83.16	-	-	3.68
Sugar cane.....	204,880.90	65.56	-	34.44	-	-	-
Enset.....	28,886.22	90.00	-	-	-	10	-

TABLE 1.4.19- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Horogudru Wellega

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops.....	7,979,734.70	50.75	13.69	32.09	1.16	0.46	1.85
Cereals.....	7,047,855.80	56.22	12.07	27.41	1.34	0.63	2.33
Teff.....	1,710,963.60	58.12	16.83	21.85	0.87	0.43	1.89
Barley.....	356,626.30	54.76	21.69	20.28	0.56	0.52	2.18
Wheat.....	891,584.60	45.35	22.72	29.42	0.76	0.26	1.49
Maize.....	3,756,036.90	59.44	1.48	33.06	2.12	0.96	2.93
Sorghum.....	317,763.30	20.00	80	-	-	-	-
Finger millet.....	13,347.30	60.00	19.17	16.67	-	-	4.17
Oats/'Aja'.....	412.70	31.43	48.57	17.14	-	-	2.86
Rice.....	1,121.10	95.00	5	-	-	-	-
Pulses.....	397,018.30	59.16	18.31	20.62	0.52	0.29	1.09
Horse beans.....	150,941.80	60.92	18.28	19.03	0.44	0.41	0.92
Field peas.....	161,178.70	59.77	18.89	19.28	0.52	0.29	1.24
Haricot beans white..	78.40	93.33	6.67	-	-	-	-
Haricot beans red...	83,687.80	49.35	18.06	29.35	0.97	-	2.26
Chick-peas Red.....	159.70	90.00	10	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	3.10	70.00	30	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	968.70	52.33	17.56	28.78	0.67	-	0.67
Mung bean/'Masho'...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	534,860.70	21.53	13.4	62.5	1.32	0.09	1.17
Neug.....	388,095.40	12.90	14.33	71.36	0.67	0.09	0.65
Linseed.....	946.10	45.00	23.75	30	-	-	1.25
Groundnuts.....	60,865.60	19.90	18.93	50.14	8.62	-	2.41
Safflower.....	642.10	50.00	10	40	-	-	-
Sesame.....	72,366.40	3.00	17	67	10	-	3
Rapeseed.....	11,945.00	68.92	2.39	27.35	0.1	0.03	1.2
Vegetables.....	39,864.40	76.78	0.72	21.48	0.14	-	0.88
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	7,155.30	66.56	-	33.02	-	-	0.42
Ethiopian Cabbage...	11,590.90	68.21	1.67	29.4	-	-	0.71
Tomatoes.....	450.20	20.00	-	80	-	-	-
Green peppers.....	7,273.00	89.15	0.17	9.09	-	-	1.59
Red peppers.....	13,336.00	71.25	2.19	25.63	0.94	-	-
Swiss chard.....	58.90	69.00	7.63	21.77	-	-	1.6
Root Crops.....	53,617.00	68.87	7.78	21.72	-	-	1.63
Beetroot.....	5,133.40	71.71	-	27.5	-	-	0.79
Carrot.....	375.60	73.16	-	26.84	-	-	-
Onion.....	3,154.70	84.83	2.17	10.67	-	-	2.33
Potatoes.....	35,465.60	65.65	7.83	18.7	-	-	7.83
Yam.....	-	-	-	-	-	-	-
Garlic.....	5,102.80	61.71	16.04	21.26	-	-	0.99
Taro/'Godere'.....	134.30	100.00	-	-	-	-	-
Sweet potatoes.....	4,250.50	72.00	1	25	-	-	2
Permanent Crops.....	107,030.40	39.08	0.28	58.18	0.03	0.01	2.43
Avocados.....	566.30	56.67	-	40	-	-	3.33
Bananas.....	5,192.90	60.19	-	37.21	-	0.1	2.5
Guavas.....	-	-	-	-	-	-	-
Lemons.....	426.80	27.00	-	73	-	-	-
Mangoes.....	24,977.10	47.33	1	50.17	-	-	1.5
Oranges.....	571.50	30.00	-	67.92	-	-	2.08
Papayas.....	17,034.10	52.22	7.78	34.44	1.11	-	4.44
Pineapples.....	-	-	-	-	-	-	-
Chat.....	2,071.50	6.00	-	93.8	-	-	0.2
Coffee.....	24,486.50	73.26	-	23.68	-	-	3.06
Hops/'Gesho'.....	5,907.70	23.80	-	73.08	-	-	3.12
Sugar cane.....	25,796.00	16.00	1	80	-	-	3
Enset.....	-	-	-	-	-	-	-

TABLE 1.4.20- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Buno Bedele

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops.....	4,946,279.00	64.47	10.48	20.21	0.75	0.38	3.71
Cereals.....	4,583,987.60	65.00	10.53	19	1.02	0.55	3.91
Teff.....	1,151,170.20	60.44	13.05	21.24	1.45	0.12	3.7
Barley.....	115,186.80	66.57	13.54	15.9	0.38	0.33	3.27
Wheat.....	49,907.90	64.42	14.17	16.46	-	-	4.96
Maize.....	2,673,906.40	68.44	7.39	17.92	1.15	0.9	4.2
Sorghum.....	460,123.80	62.26	11.19	21.25	0.73	0.67	3.89
Finger millet.....	84,542.70	70.57	9.46	15.31	0.57	0.63	3.46
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	49,149.90	61.61	14.64	19.11	0.54	0.36	3.75
Pulses.....	198,891.30	77.24	9.08	11.21	-	-	2.46
Horse beans.....	69,887.00	72.83	11.87	11.74	-	-	3.57
Field peas.....	110,149.60	62.74	10.07	23.08	-	-	4.11
Haricot beans white..	8,918.50	88.94	5.55	4.38	-	-	1.13
Haricot beans red...	8,440.40	85.00	6.91	6.6	-	-	1.49
Chick-peas Red.....	932.10	65.00	15	15	-	-	5
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	563.80	69.47	13.03	15.79	-	-	1.71
Mung bean/'Masho"...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	163,400.10	28.81	13.55	52.15	0.35	-	5.15
Neug.....	44,654.10	27.50	13.82	56.25	-	-	2.43
Linseed.....	36,053.40	45.21	14.38	38.75	-	-	1.67
Groundnuts.....	80,994.90	21.61	12.97	61.69	1.02	-	2.71
Safflower.....	5.70	80.00	10	-	-	-	10
Sesame.....	47.00	40.00	60	-	-	-	-
Rapeseed.....	1,645.10	79.43	0.82	16.3	0.05	0.07	3.33
Vegetables.....	99,350.60	81.10	0.56	15.76	0.05	0.08	2.46
Lettuce.....	-	80.00	10	-	-	-	10
Head Cabbage.....	4,205.30	82.82	-	14.76	0.12	0.24	2.06
Ethiopian Cabbage...	39,509.10	86.24	0.97	10.97	-	0.14	1.68
Tomatoes.....	1,333.10	93.64	-	4.55	-	-	1.82
Green peppers.....	29,876.40	83.34	0.06	13.64	-	-	2.96
Red peppers.....	24,426.70	68.98	1.1	26.69	0.13	-	3.09
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	312,731.60	85.06	1.42	11	0.13	0.23	2.15
Beetroot.....	4,092.10	81.81	-	17.09	0.11	-	0.99
Carrot.....	149.20	74.00	-	22	-	-	4
Onion.....	6,475.70	75.63	1.88	18.75	-	-	3.75
Potatoes.....	78.60	100.00	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	981.90	83.37	3.91	11.96	-	-	0.76
Taro/'Godere'.....	27,173.20	91.05	1.72	4.6	-	-	2.63
Sweet potatoes.....	273,781.00	75.93	0.74	17.78	0.74	1.67	3.15
Permanent Crops.....	843,957.77	49.77	0.74	42.69	1.08	0.27	5.44
Avocados.....	21,995.20	57.67	0.38	36.43	0.19	-	5.33
Bananas.....	159,527.80	42.58	1.43	50.67	0.28	-	5.04
Guavas.....	1,978.50	51.79	-	41.79	-	-	6.43
Lemons.....	84.20	15.00	-	75	-	-	10
Mangoes.....	28,787.30	58.80	-	36.41	0.16	-	4.62
Oranges.....	2,753.80	73.16	-	21.58	-	-	5.26
Papayas.....	6,892.60	63.37	1.54	31.54	-	-	3.56
Pineapples.....	-	-	-	-	-	-	-
Chat.....	43,615.80	31.97	0.65	58.09	1.03	-	8.26
Coffee.....	177,769.90	48.50	0.45	44.52	2.51	-	4.01
Hops/'Gesho'.....	383.30	39.83	3	52.83	-	-	4.33
Sugar cane.....	296,982.70	47.66	2.32	32.68	0.12	8.9	8.32
Enset.....	103,186.67	89.23	0.3	4.23	1.32	0.04	4.87

TABLE 1.4.20- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

East Bale

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	3,394,228.00	55.99	11.84	22.59	5.72	1.22	2.64
Cereals.....	3,328,788.70	21.76	12.04	60.47	4.5		1.19
Teff.....	228,773.80	61.16	13.2	15.26	5.52	1.78	3.09
Barley.....	96,568.50	42.18	15.09	30.42	6.85	1.13	4.34
Wheat.....	2,340,444.80	68.17	7.84	14.74	5.47	1.57	2.2
Maize.....	461,159.10	75.00	18.67	6.33			
Sorghum.....	172,974.20	73.21	13.36	7.43	5.86		0.09
Finger millet.....	1,817.00	93.00	4.5				2.45
Oats/'Aja'.....	27,051.40	37.32	14.32	41.5	4.24	0.22	2.4
Rice.....	-	-	-	-	-	-	-
Pulses.....	64,901.10	35.50	15.97	45.05	-	-	3.5
Horse beans.....	2,626.60	21.00	24	46	-	-	9
Field peas.....	30,498.70	29.43	10.5	59.7	-	-	1.38
Haricot beans white..	1,210.50	39.50	13.44	40.56	4.42	0.35	1.74
Haricot beans red...	-	-	-	-	-	-	-
Chick-peas Red.....	1,069.40	58.00	-	37.05	-	-	4.95
Chick-peas White....	21.60	48.00	-	52	-	-	-
Lentils.....	11,911.80	61.50	-	38.5	-	-	-
Vetch.....	53.60	55.50	-	44.5	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	17,509.00	16.85	15.46	59.85	4.77	0.82	2.26
Mung bean/"Masho"...	-						
Gibto.....	-						
Oilseeds.....	538.20	2.50	16.5	73	5	1.05	1.95
Neug.....	276.00	64.67	11.05	21			3.28
Linseed.....	262.20	75.06	3.22	15.1	4.6		2.01
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	-	-	-	-	-	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	-	-	-	-	-	-	-
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	138,913.80	38.00	9.6	52.4	-	-	-
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	7,524.10	44.52	9.13	36.83	7.48		1.99
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	131,389.80	21.64	20.64	57.27	-	-	0.4
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	178,531.40	54.25	-	37.05	-	-	8.7
Avocados.....	-	-	-	-	-	-	-
Bananas.....	3,619.50	49.05	-	26	-	-	24.95
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	12,614.30	8.00	-	92	-	-	-
Oranges.....	51,676.90	83.00	-	17	-	-	-
Papayas.....	-	-	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	110,553.90	49.84	-	42.58	-	-	7.58
Coffee.....	-	-	-	-	-	-	-
Hops/'Gesho'.....	66.70	14.00	-	86	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.5- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Somale Region

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	1,898,230.70	42.95	11.26	16.6	0.59	24.39	4.21
Cereals.....	1,890,861.60	43.39	11.23	15.63	0.58	24.92	4.25
Teff.....	-	-	-	-	-	-	-
Barley.....	-	-	-	-	-	-	-
Wheat.....	23,490.60	-	-	32.76	0.34	19.31	2.24
Maize.....	1,084,435.90	-	-	14.21	0.58	20.85	4.85
Sorghum.....	782,935.10	-	-	15.42	0.6	30.17	3.78
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	3,301.60	46.50	9.5	34	-	8.5	1.5
Horse beans.....	-	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white.....	-	-	-	-	-	-	-
Haricot beans red.....	3,301.60	40.00	9	46	-	2	3
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White.....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'.....	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	4,067.40	11.67	14.58	64.17	2.08	3.33	4.17
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	4,067.40	11.67	14.58	64.17	2.08	3.33	4.17
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	8,718.20	23.00	8.25	65.25	2.25	-	1.25
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage.....	-	-	-	-	-	-	-
Tomatoes.....	8,632.70	19.33	6	71.33	1.67	-	1.67
Green peppers.....	85.60	34.00	15	47	4	-	-
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	180,906.80	23.04	7.5	59.29	1.07	7.68	1.43
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	180,906.80	20.60	7.4	61.6	1.2	7.6	1.6
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	54,081.50	17.22	2.19	75.61	1.39	-	3.58
Avocados.....	-	-	-	-	-	-	-
Bananas.....	2,139.60	23.50	-	73.17	0.83	-	2.5
Guavas.....	178.10	25.00	-	60	5	-	10
Lemons.....	37.50	10.00	12.5	70.83	5	-	1.67
Mangoes.....	2,661.90	13.71	-	82.71	-	-	3.57
Oranges.....	45,552.30	9.53	2.35	83.91	0.06	-	4.15
Papayas.....	74.50	10.00	10	80	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	3,437.50	28.46	0.36	64.93	2.75	-	3.5
Coffee.....	-	-	-	-	-	-	-
Hops/'Gesho'.....	-	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.5.1- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Siti

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	19,108.00	80.38	10.28	7.67	0.08	1.17	0.42
Cereals.....	19,108.00	80.38	10.28	7.67	0.08	1.17	0.42
Teff.....	-	-	-	-	-	-	-
Barley.....	-	-	-	-	-	-	-
Wheat.....	-	-	-	-	-	-	-
Maize.....	565.60	97.17	2.83	-	-	-	-
Sorghum.....	18,542.40	78.52	11.11	8.52	0.09	1.3	0.46
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	-	-	-	-	-	-	-
Horse beans.....	-	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white.	-	-	-	-	-	-	-
Haricot beans red...	-	-	-	-	-	-	-
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	-	-	-	-	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	654.40	29.55	2.73	65	0.45	-	2.27
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	568.80	22.50	3	71.5	0.5	-	2.5
Green peppers.....	85.60	100.00	-	-	-	-	-
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	2,953.00	39.00	2	58.5	-	-	0.5
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	2,953.00	35.63	2.5	61.25	-	-	0.63
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	50,986.80	13.68	1.82	80.97	0.14	-	3.39
Avocados.....	-	-	-	-	-	-	-
Bananas.....	2,139.60	3.00	-	94.5	-	-	2.5
Guavas.....	78.20	20.00	-	70	-	-	10
Lemons.....	37.50	3.33	10	83.33	-	-	3.33
Mangoes.....	2,661.80	10.20	-	86.8	-	-	3
Oranges.....	45,552.30	9.53	2.35	83.91	0.06	-	4.15
Papayas.....	74.50	-	-	100	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	442.80	27.94	-	69.56	0.44	-	2.06
Coffee.....	-	-	-	-	-	-	-
Hops/'Gescho'.....	-	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.5.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Fafan

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	1,184,199.50	34.59	11.33	13.95	0.29	34.87	4.98
Cereals.....	1,180,132.00	35.12	11.25	12.72	0.24	35.66	5.01
Teff.....	-	-	-	-	-	-	-
Barley.....	-	-	-	-	-	-	-
Wheat.....	23,490.60	27.50	12.5	31.36	0.45	25.45	2.73
Maize.....	615,310.90	43.07	12.39	8.07	0.08	30.93	5.46
Sorghum.....	541,330.50	27.87	9.98	15.65	0.38	41.32	4.8
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	-	-	-	-	-	-	-
Horse beans.....	-	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white.	-	-	-	-	-	-	-
Haricot beans red...	-	-	-	-	-	-	-
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	4,067.40	11.67	14.58	64.17	2.08	3.33	4.17
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	4,067.40	11.67	14.58	64.17	2.08	3.33	4.17
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	-	-	-	-	-	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	-	-	-	-	-	-	-
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	46,140.20	11.67	6.67	50	-	31.67	-
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	46,140.20	11.67	6.67	50	-	31.67	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	3,094.60	25.00	0.91	59.09	7.27	-	7.73
Avocados.....	-	-	-	-	-	-	-
Bananas.....	-	-	-	-	-	-	-
Guavas.....	99.90	30.00	-	50	10	-	10
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	-	-	-	-	-	-	-
Oranges.....	-	-	-	-	-	-	-
Papayas.....	-	-	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	2,994.70	25.00	1.11	58.89	7.78	-	7.22
Coffee.....	-	-	-	-	-	-	-
Hops/'Geshe'.....	-	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.5.3- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Jerer

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	170,176.10	64.09	5.91	2.73	-	27.27	-
Cereals.....	170,176.10	64.09	5.91	2.73	-	27.27	-
Teff.....	-	-	-	-	-	-	-
Barley.....	-	-	-	-	-	-	-
Wheat.....	-	-	-	-	-	-	-
Maize.....	29,215.80	85.00	15	-	-	-	-
Sorghum.....	140,960.30	59.44	3.89	3.33	-	33.33	-
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	-	-	-	-	-	-	-
Horse beans.....	-	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white.	-	-	-	-	-	-	-
Haricot beans red...	-	-	-	-	-	-	-
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/"Masho"...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	-	-	-	-	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	-	-	-	-	-	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	-	-	-	-	-	-	-
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	-	-	-	-	-	-	-
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	-	-	-	-	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	-	-	-	-	-	-	-
Avocados.....	-	-	-	-	-	-	-
Bananas.....	-	-	-	-	-	-	-
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	-	-	-	-	-	-	-
Oranges.....	-	-	-	-	-	-	-
Papayas.....	-	-	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	-	-	-	-	-	-	-
Hops/'Geshe'.....	-	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.5.4- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Erer

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	767.20	82.94	13.53	0.59	-	1.18	1.76
Cereals.....	767.20	82.94	13.53	0.59	-	1.18	1.76
Teff.....	-	-	-	-	-	-	-
Barley.....	-	-	-	-	-	-	-
Wheat.....	-	-	-	-	-	-	-
Maize.....	767.20	81.54	15	0.77	-	1.54	1.15
Sorghum.....	-	-	-	-	-	-	-
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	-	-	-	-	-	-	-
Horse beans.....	-	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white.	-	-	-	-	-	-	-
Haricot beans red...	-	-	-	-	-	-	-
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/"Masho"...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	-	-	-	-	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	-	-	-	-	-	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	-	-	-	-	-	-	-
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	-	-	-	-	-	-	-
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	-	-	-	-	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	-	-	-	-	-	-	-
Avocados.....	-	-	-	-	-	-	-
Bananas.....	-	-	-	-	-	-	-
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	-	-	-	-	-	-	-
Oranges.....	-	-	-	-	-	-	-
Papayas.....	-	-	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	-	-	-	-	-	-	-
Hops/'Geshe'.....	-	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.5.5- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Korahe

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	32,344.30	82.74	4.03	7.26	-	1.39	4.58
Cereals.....	32,344.30	82.17	4.17	7.5	-	1.43	4.73
Teff.....	-	-	-	-	-	-	-
Barley.....	-	-	-	-	-	-	-
Wheat.....	-	-	-	-	-	-	-
Maize.....	23,012.70	74.09	7.27	11.82	-	3	3.82
Sorghum.....	9,331.60	86.84	2.37	5	-	0.53	5.26
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	-	-	-	-	-	-	-
Horse beans.....	-	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white.	-	-	-	-	-	-	-
Haricot beans red...	-	-	-	-	-	-	-
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/"Masho"...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	-	-	-	-	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	-	-	-	-	-	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	-	-	-	-	-	-	-
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	-	-	-	-	-	-	-
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	-	-	-	-	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	-	-	-	-	-	-	-
Avocados.....	-	-	-	-	-	-	-
Bananas.....	-	-	-	-	-	-	-
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	-	-	-	-	-	-	-
Oranges.....	-	-	-	-	-	-	-
Papayas.....	-	-	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	-	-	-	-	-	-	-
Hops/'Geshe'.....	-	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.5.6- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Shebele

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	453,502.90	41.33	14.44	32.26	2.43	5.29	4.25
Cereals.....	453,502.90	41.32	14.38	32.68	2.5	4.75	4.36
Teff.....	-	-	-	-	-	-	-
Barley.....	-	-	-	-	-	-	-
Wheat.....	-	-	-	-	-	-	-
Maize.....	387,498.30	46.29	13.28	29.16	1.8	4.47	5
Sorghum.....	66,004.60	20.24	19.05	47.62	5.48	5.95	1.67
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	-	-	-	-	-	-	-
Horse beans.....	-	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white.	-	-	-	-	-	-	-
Haricot beans red...	-	-	-	-	-	-	-
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	-	-	-	-	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	8,063.90	15.71	19.29	59.29	5.71	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	8,063.90	13.33	20	60	6.67	-	-
Green peppers.....	-	-	-	-	-	-	-
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	125,394.30	14.44	12.78	65.56	3.33	-	3.89
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	125,394.30	14.44	12.78	65.56	3.33	-	3.89
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	-	-	-	-	-	-	-
Avocados.....	-	-	-	-	-	-	-
Bananas.....	-	-	-	-	-	-	-
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	-	-	-	-	-	-	-
Oranges.....	-	-	-	-	-	-	-
Papayas.....	-	-	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	-	-	-	-	-	-	-
Hops/'Geshe'.....	-	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.5.7- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Liben

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	34,841.00	47.41	10.52	37.76	-	3.1	1.21
Cereals.....	31,539.40	48.96	11.25	35.21	-	3.75	0.83
Teff.....	-	-	-	-	-	-	-
Barley.....	-	-	-	-	-	-	-
Wheat.....	-	-	-	-	-	-	-
Maize.....	24,773.60	51.00	9	33	-	6	1
Sorghum.....	6,765.80	65.00	11.67	13.33	-	10	-
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	3,301.60	40.00	7	50	-	-	3
Horse beans.....	-	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white.	-	-	-	-	-	-	-
Haricot beans red...	3,301.60	40.00	8.75	47.5	-	-	3.75
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	-	-	-	-	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	-	-	-	-	-	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	-	-	-	-	-	-	-
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	6,419.30	15.00	5	80	-	-	-
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	6,419.30	15.00	5	80	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	-	-	-	-	-	-	-
Avocados.....	-	-	-	-	-	-	-
Bananas.....	-	-	-	-	-	-	-
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	-	-	-	-	-	-	-
Oranges.....	-	-	-	-	-	-	-
Papayas.....	-	-	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	-	-	-	-	-	-	-
Hops/'Geshe'.....	-	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.5.9- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Dawa

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	3,291.70	48.75	3.75	39.38	5	-	3.13
Cereals.....	3,291.70	48.75	3.75	39.38	5	-	3.13
Teff.....	-	-	-	-	-	-	-
Barley.....	-	-	-	-	-	-	-
Wheat.....	-	-	-	-	-	-	-
Maize.....	3,291.70	48.75	3.75	39.38	5	-	3.13
Sorghum.....	-	-	-	-	-	-	-
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	-	-	-	-	-	-	-
Horse beans.....	-	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white.	-	-	-	-	-	-	-
Haricot beans red...	-	-	-	-	-	-	-
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	-	-	-	-	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	-	-	-	-	-	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	-	-	-	-	-	-	-
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	-	-	-	-	-	-	-
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	-	-	-	-	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	-	-	-	-	-	-	-
Avocados.....	-	-	-	-	-	-	-
Bananas.....	-	-	-	-	-	-	-
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	-	-	-	-	-	-	-
Oranges.....	-	-	-	-	-	-	-
Papayas.....	-	-	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	-	-	-	-	-	-	-
Hops/'Gesho'.....	-	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.6- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Benshangul-Gumuz

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	7,097,770.90	58.68	10.15	29.29	0.46	0.48	0.93
Cereals.....	5,698,681.80	69.59	9.41	18.83	0.48	0.72	0.97
Teff.....	334,445.20	51.70	14.71	32.39	0.37	0.02	0.81
Barley.....	17,438.30	78.82	9.82	10.53	-	-	0.84
Wheat.....	53,292.70	72.93	10.22	15.76	0.43	-	0.65
Maize.....	3,089,091.90	72.65	7.58	17.23	0.52	0.93	1.1
Sorghum.....	1,161,738.50	70.56	9.27	17.69	0.46	0.98	1.04
Finger millet.....	525,376.30	74.80	10.58	13.11	0.88	-	0.63
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	517,299.00	56.70	15.38	27.92	-	-	-
Pulses.....	702,510.60	49.51	10.99	38.72	0.39	0.03	0.37
Horse beans.....	13,271.70	83.46	9.41	6.87	-	-	0.26
Field peas.....	12,211.40	79.09	7.88	12.12	0.61	0.3	-
Haricot beans white..	14,799.40	83.21	5.85	10.38	-	-	0.57
Haricot beans red...	25,602.30	70.21	8.55	20.8	-	-	0.44
Chick-peas Red.....	1,850.80	69.00	4	27	-	-	-
Chick-peas White....	3,506.90	82.86	5	12.14	-	-	-
Lentils.....	105.50	98.33	1.67	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	630,257.30	6.37	16.32	76.21	0.74	-	0.35
Fenugreek.....	-	86.00	2	8	4	-	-
Mung bean/"Masho"...	188.30	74.00	6.5	18.5	-	-	1
Gibto.....	717.10	28.77	12.02	57.59	0.42	0.02	1.17
Oilseeds.....	696,578.40	28.81	12.03	57.55	0.43	0.02	1.17
Neug.....	89,769.60	13.82	12.92	72.73	0.35	-	0.18
Linseed.....	2,452.80	64.23	12.25	22.25	-	-	1.27
Groundnuts.....	554,054.90	25.38	12.68	59.82	0.65	0.04	1.45
Safflower.....	729.60	73.33	10	16.67	-	-	-
Sesame.....	48,931.90	30.30	9.67	58.04	0.26	-	1.72
Rapeseed.....	639.50	64.04	0.96	32.56	0.13	-	2.32
Vegetables.....	32,165.30	45.00	19.17	35.83	-	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	1,649.00	69.58	0.42	27.5	-	-	2.5
Ethiopian Cabbage...	3,070.30	63.21	-	36.03	-	-	0.77
Tomatoes.....	230.30	65.00	-	35	-	-	-
Green peppers.....	257.00	78.06	-	14.72	-	-	7.22
Red peppers.....	26,958.70	58.84	1.75	36.99	0.24	-	2.18
Swiss chard.....	-	78.83	3.62	15.12	0.21	-	2.22
Root Crops.....	208,227.10	78.83	3.62	15.12	0.21	-	2.22
Beetroot.....	2,266.40	68.89	-	31.11	-	-	-
Carrot.....	26.80	100.00	-	-	-	-	-
Onion.....	6,975.40	63.24	2.65	33.53	-	-	0.59
Potatoes.....	122,085.30	60.78	16.56	20.16	1.25	-	1.25
Yam.....	-	100.00	-	-	-	-	-
Garlic.....	690.10	92.75	2.75	4	-	-	0.5
Taro/'Godere'.....	8,991.60	94.40	-	4.2	-	-	1.4
Sweet potatoes.....	67,191.50	80.95	1.24	14.24	0.04	-	3.53
Permanent Crops.....	161,129.20	59.93	0.09	36.4	0.57	0.02	3
Avocados.....	-	54.38	-	42.81	-	-	2.81
Bananas.....	50,105.80	48.78	0.05	47.68	0.41	-	3.08
Guavas.....	-	84.50	-	13	1.08	-	1.42
Lemons.....	923.00	41.38	0.25	54.63	0.88	-	2.88
Mangoes.....	86,389.90	61.50	-	33.2	1.14	0.06	4.1
Oranges.....	5,496.00	55.42	0.24	39.62	0.19	-	4.53
Papayas.....	5,940.90	72.11	-	26.01	0.35	-	1.54
Pineapples.....	-	50.00	-	50	-	-	-
Chat.....	4,813.80	32.35	-	63.95	-	-	3.7
Coffee.....	3,909.50	75.77	0.45	23.23	0.05	-	0.49
Hops/'Geshe'.....	-	73.97	-	24.49	-	-	1.54
Sugar cane.....	-	95.00	-	-	-	-	5
Enset.....	-	-	-	-	-	-	-

TABLE 1.6.1- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Metekel

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	4,220,555.20	51.89	12.65	33.85	0.73	0.05	0.82
Cereals.....	3,158,057.50	67.93	11.06	19.18	0.83	0.07	0.93
Teff.....	263,817.00	60.94	12.91	25.28	0.48	-	0.39
Barley.....	17,163.30	78.83	8.93	11.17	-	-	1.07
Wheat.....	39,406.50	70.00	12.39	15.65	0.87	-	1.09
Maize.....	1,699,528.20	69.36	10.03	18.36	0.87	0.14	1.23
Sorghum.....	125,121.70	60.00	2.5	37.5	-	-	-
Finger millet.....	495,721.90	75.11	10.06	11.28	2.41	-	1.15
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	517,299.00	56.70	15.38	27.92	-	-	-
Pulses.....	544,449.40	39.21	14.05	45.82	0.49	0.06	0.37
Horse beans.....	12,647.70	84.53	8.03	7.13	-	-	0.31
Field peas.....	12,196.40	78.44	8.13	12.5	0.63	0.31	-
Haricot beans white.	-	-	-	-	-	-	-
Haricot beans red...	7,296.10	65.00	12	21	-	-	2
Chick-peas Red.....	429.70	-	-	-	-	-	-
Chick-peas White....	9.90	93.33	5	1.67	-	-	-
Lentils.....	105.50	98.33	1.67	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	511,047.10	1.52	19.94	77.56	0.43	-	0.56
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'...	-	-	-	-	-	-	-
Gibto.....	717.10	16.23	15.97	66.14	0.67	-	0.99
Oilseeds.....	518,048.20	16.27	16.04	66.01	0.68	-	0.99
Neug.....	21,787.50	11.25	15.5	73.25	-	-	-
Linseed.....	534.20	56.67	10	33.33	-	-	-
Groundnuts.....	476,482.70	12.37	17.34	68.03	0.92	-	1.34
Safflower.....	727.30	73.33	10	16.67	-	-	-
Sesame.....	18,098.50	16.36	12.95	70.68	-	-	-
Rapeseed.....	418.10	84.61	0.66	13.95	0.53	-	0.26
Vegetables.....	13,913.70	83.75	0.69	14.72	0.56	-	0.28
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	25.50	98.75	1.25	-	-	-	-
Ethiopian Cabbage...	1,658.90	73.57	-	25.71	-	-	0.71
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	72.30	87.14	-	12.86	-	-	-
Red peppers.....	12,157.10	89.09	1.82	7.27	1.82	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	129,957.90	76.95	9.38	11.95	0.69	-	1.03
Beetroot.....	802.40	100.00	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	14.70	97.50	2.5	-	-	-	-
Potatoes.....	122,075.10	60.78	16.56	20.16	1.25	-	1.25
Yam.....	-	-	-	-	-	-	-
Garlic.....	674.60	97.06	2.94	-	-	-	-
Taro/'Godere'.....	923.70	95.00	-	5	-	-	-
Sweet potatoes.....	5,467.30	80.63	1.88	13.75	0.5	-	3.25
Permanent Crops.....	105,390.10	67.67	-	29.52	1.19	-	1.61
Avocados.....	-	-	-	-	-	-	-
Bananas.....	35,551.30	44.47	-	53.43	1.53	-	0.57
Guavas.....	-	-	-	-	-	-	-
Lemons.....	138.20	63.13	-	36.88	-	-	-
Mangoes.....	63,146.20	63.30	-	31.55	2.3	-	2.85
Oranges.....	2,985.10	55.00	-	41.67	-	-	3.33
Papayas.....	3,012.10	82.72	-	16.41	0.43	-	0.43
Pineapples.....	-	-	-	-	-	-	-
Chat.....	141.10	10.00	-	86.67	-	-	3.33
Coffee.....	416.10	94.50	-	5	0.3	-	0.2
Hops/'Gesho'.....	-	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.6.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Asosa

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	1,441,840.40	61.86	8.2	27.64	0.42	0.82	1.06
Cereals.....	1,229,286.50	70.65	8.2	18.58	0.43	1.2	0.95
Teff.....	61,264.60	53.60	10.04	35.68	0.52	-	0.16
Barley.....	-	-	-	-	-	-	-
Wheat.....	-	-	-	-	-	-	-
Maize.....	351,961.70	74.79	6.59	15.77	0.44	1.52	0.89
Sorghum.....	794,935.90	70.43	9.1	17.4	0.44	1.32	1.31
Finger millet.....	21,124.30	74.52	10.71	14.52	-	-	0.24
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	120,297.00	51.81	8.13	39.1	0.48	-	0.48
Horse beans.....	45.00	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white.	9,081.70	82.69	5.64	10.9	-	-	0.77
Haricot beans red...	6,834.30	73.94	5.85	19.57	-	-	0.64
Chick-peas Red.....	1,421.00	69.00	4	27	-	-	-
Chick-peas White....	3,488.10	75.00	5	20	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	99,239.00	11.17	12.03	75.39	1.25	-	0.16
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/"Masho"...	187.90	74.00	6.5	18.5	-	-	1
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	92,256.90	37.21	8.26	52.27	0.37	0.04	1.85
Neug.....	55,519.60	14.12	9.86	75.4	0.62	-	-
Linseed.....	902.40	66.25	7.66	23.28	-	-	2.81
Groundnuts.....	23,656.40	39.80	8.22	49.36	0.49	0.1	2.03
Safflower.....	-	-	-	-	-	-	-
Sesame.....	12,145.10	41.71	6.63	48	-	-	3.66
Rapeseed.....	33.40	50.80	1.27	44.55	-	-	3.38
Vegetables.....	17,122.90	49.84	1.26	45.45	-	-	3.44
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	1,574.30	55.00	-	41.25	-	-	3.75
Ethiopian Cabbage...	510.30	35.00	-	63.67	-	-	1.33
Tomatoes.....	216.40	66.67	-	33.33	-	-	-
Green peppers.....	107.50	52.50	-	29.17	-	-	18.33
Red peppers.....	14,714.30	51.55	1.87	43.88	-	-	2.7
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	56,124.30	76.95	0.23	19.22	-	-	3.59
Beetroot.....	1,464.00	50.00	-	50	-	-	-
Carrot.....	26.80	100.00	-	-	-	-	-
Onion.....	3,970.50	-	-	100	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	874.80	90.00	-	10	-	-	-
Sweet potatoes.....	49,788.20	79.63	0.19	15.93	-	-	4.26
Permanent Crops.....	33,065.60	65.45	-	30.02	0.57	0.05	3.9
Avocados.....	-	56.43	-	40.71	-	-	2.86
Bananas.....	9,355.60	61.91	-	34.41	-	-	3.68
Guavas.....	-	87.79	-	8.24	1.91	-	2.06
Lemons.....	678.60	34.72	-	58.61	1.94	-	4.72
Mangoes.....	17,723.70	60.06	-	33.69	0.73	0.15	5.38
Oranges.....	937.80	68.54	-	25.63	0.83	-	5
Papayas.....	1,885.80	75.86	-	21	0.29	-	2.86
Pineapples.....	-	50.00	-	50	-	-	-
Chat.....	991.00	38.60	-	55.8	-	-	5.6
Coffee.....	148.70	93.38	-	6.47	-	-	0.15
Hops/'Geshe'.....	-	77.63	-	19.74	-	-	2.63
Sugar cane.....	1,344.50	17.50	-	82.5	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.6.3- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Kemeshi

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	1,194,146.40	63.15	7.37	27.04	0.6	0.85	0.99
Cereals.....	1,102,964.90	69.37	7.55	20.34	0.66	1.08	1.01
Teff.....	-	-	-	-	-	-	-
Barley.....	-	-	-	-	-	-	-
Wheat.....	-	-	-	-	-	-	-
Maize.....	925,589.70	70.10	7	19.92	0.64	1.28	1.06
Sorghum.....	175,251.00	69.27	7.99	20.15	0.69	0.91	0.99
Finger millet.....	2,007.10	47.50	11.25	41.25	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	26,658.60	76.05	6.32	17.63	-	-	-
Horse beans.....	-	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white.....	5,380.40	91.36	6.36	2.27	-	-	-
Haricot beans red.....	3,375.60	73.33	5.83	20.83	-	-	-
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White.....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	17,902.60	-	7.5	92.5	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/"Masho".....	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	64,522.90	66.24	12.2	21.33	0.04	-	0.2
Neug.....	110.00	38.75	6.25	55	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	46,547.70	30.80	3.33	64.53	-	-	1.33
Safflower.....	2.30	-	-	-	-	-	-
Sesame.....	17,702.90	26.58	8.29	63.03	0.79	-	1.32
Rapeseed.....	159.90	75.00	-	25	-	-	-
Vegetables.....	105.80	75.00	-	25	-	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage.....	41.50	50.00	-	50	-	-	-
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	-	-	-	-	-	-	-
Red peppers.....	44.60	100.00	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	2,585.50	83.57	2.86	12.86	-	-	0.71
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	-	100.00	-	-	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	1,906.30	80.83	3.33	15	-	-	0.83
Permanent Crops.....	5,559.50	41.10	0.07	54.63	0.66	-	3.53
Avocados.....	-	25.00	-	75	-	-	-
Bananas.....	1,251.70	27.92	-	61.25	2.08	-	8.75
Guavas.....	-	50.00	-	45	-	-	5
Lemons.....	74.00	40.00	-	60	-	-	-
Mangoes.....	2,029.60	53.33	-	43.83	0.33	-	2.5
Oranges.....	647.30	36.67	0.42	61.67	-	-	1.25
Papayas.....	394.60	20.71	-	72.86	1.43	-	5
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	14.80	30.00	-	70	-	-	-
Hops/'Geshe'.....	-	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.6.3- CROP PRODUCTION AND PERCENT OF UTILIZATION

ALL HOLDINGS

Mao Ena Komo

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	241,229.00	57.86	12.51	28.56	0.16	0.13	0.78
Cereals.....	208,372.90	69.33	11.29	18	0.14	0.2	1.03
Teff.....	9,246.40	39.02	23.93	34.67	-	0.08	2.3
Barley.....	275.00	78.75	13.13	8.13	-	-	-
Wheat.....	13,886.20	75.87	8.04	15.87	-	-	0.22
Maize.....	112,012.30	74.28	7.06	16.79	0.09	0.35	1.43
Sorghum.....	66,430.00	72.46	11.15	15.44	0.3	0.21	0.43
Finger millet.....	6,523.00	76.72	10.96	11.76	0.09	-	0.46
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	11,105.60	61.17	12.5	26.17	-	-	0.17
Horse beans.....	579.10	78.57	15.71	5.71	-	-	-
Field peas.....	14.90	100.00	-	-	-	-	-
Haricot beans white..	337.30	60.00	6.67	33.33	-	-	-
Haricot beans red...	8,096.40	65.61	11.95	22.2	-	-	0.24
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	8.90	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	2,068.60	18.75	16.25	65	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'...	0.40	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	21,750.40	70.81	8.31	18.96	-	-	1.92
Neug.....	12,352.50	12.31	16.08	71.08	0.15	-	0.38
Linseed.....	1,016.30	63.06	16.53	20.42	-	-	-
Groundnuts.....	7,368.20	22.92	14.2	61.63	0.58	-	0.67
Safflower.....	-	-	-	-	-	-	-
Sesame.....	985.50	29.00	16.67	54.33	-	-	-
Rapeseed.....	28.00	92.11	-	6.84	-	-	1.05
Vegetables.....	1,022.90	92.11	-	6.84	-	-	1.05
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	49.10	-	-	-	-	-	-
Ethiopian Cabbage...	859.50	95.56	-	4.44	-	-	-
Tomatoes.....	13.90	60.00	-	40	-	-	-
Green peppers.....	57.60	96.00	-	-	-	-	4
Red peppers.....	42.80	87.50	-	12.5	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	19,559.40	81.60	1.67	14.53	-	-	2.2
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	2,990.20	60.00	3.08	36.15	-	-	0.77
Potatoes.....	10.20	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	15.50	55.00	-	40	-	-	5
Taro/'Godere'.....	6,513.80	94.76	-	3.57	-	-	1.67
Sweet potatoes.....	10,029.70	82.97	2.3	11.76	-	-	2.97
Permanent Crops.....	17,114.00	50.83	0.26	45.88	0.03	-	3
Avocados.....	-	-	-	-	-	-	-
Bananas.....	3,947.10	42.87	0.11	54.2	0.11	-	2.7
Guavas.....	-	-	-	-	-	-	-
Lemons.....	32.20	36.82	0.91	59.55	-	-	2.73
Mangoes.....	3,490.50	66.35	-	29.17	-	-	4.48
Oranges.....	925.80	53.85	0.38	40.29	-	-	5.48
Papayas.....	648.50	62.12	-	37.12	-	-	0.77
Pineapples.....	-	-	-	-	-	-	-
Chat.....	3,681.70	30.66	-	66.51	-	-	2.83
Coffee.....	3,329.90	58.91	0.91	39.36	-	-	0.82
Hops/'Gesho'.....	-	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.7- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

S.N.N.P.Region

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	28,926,133.20	56.26	11.63	28.52	0.82	0.84	1.94
Cereals.....	24,960,903.20	55.63	11.28	29.17	0.8	1.1	2.02
Teff.....	3,744,279.60	35.63	13.35	47.72	0.96	0.5	1.83
Barley.....	1,837,372.80	57.69	15.19	23.68	0.54	0.94	1.97
Wheat.....	4,316,813.70	49.94	14.23	32.07	0.73	0.42	2.61
Maize.....	13,073,993.90	68.97	6.83	19.45	0.89	1.76	2.1
Sorghum.....	1,617,878.70	63.75	10.13	21.98	0.57	1.73	1.84
Finger millet.....	226,015.00	70.98	11.56	15.93	0.52	0.14	0.87
Oats/'Aja'.....	4,883.30	50.71	19.52	21.67	-	3.81	4.29
Rice.....	139,666.30	34.44	14.68	43.81	3.41	1.27	2.38
Pulses.....	3,914,052.90	57.90	12.26	26.87	0.84	0.34	1.79
Horse beans.....	1,589,948.10	56.90	12.61	27.25	0.92	0.28	2.04
Field peas.....	1,005,050.70	52.32	13.69	30.57	0.94	0.27	2.21
Haricot beans white.	41,434.50	73.07	9.41	16.23	0.28	0.31	0.7
Haricot beans red...	1,057,699.20	63.02	11.45	22.95	0.75	0.52	1.31
Chick-peas Red.....	138,244.20	36.13	14.52	48.06	-	-	1.29
Chick-peas White....	41,748.40	56.36	8.98	30.45	0.45	1.82	1.93
Lentils.....	2,585.70	44.10	15.51	38.21	1.28	-	0.9
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	5,747.30	73.41	4.76	17.68	1.95	0.49	1.71
Fenugreek.....	984.70	57.75	9	32.83	0.25	-	0.17
Mung bean/'Masho'...	30,610.00	30.84	5.66	60.74	-	-	2.76
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	51,177.10	44.03	12.91	39.58	0.97	0.38	2.14
Neug.....	3,173.10	45.00	20	35	-	-	-
Linseed.....	3,239.20	50.27	12.77	35.8	0.27	-	0.89
Groundnuts.....	27,310.20	32.48	13.87	43.16	3.23	0.97	6.29
Safflower.....	10,046.70	27.34	9.84	59.84	1.25	0.94	0.78
Sesame.....	7,407.80	31.00	9.6	59.4	-	-	-
Rapeseed.....	-	73.49	0.93	23.21	0.41	0.15	1.81
Vegetables.....	3,068,317.00	73.58	0.82	23.24	0.41	0.15	1.81
Lettuce.....	-	82.08	-	16.25	1.25	-	0.42
Head Cabbage.....	118,403.60	59.61	0.43	37.09	0.24	1.42	1.22
Ethiopian Cabbage...	2,447,771.30	78.32	0.65	18.63	0.4	0.12	1.88
Tomatoes.....	23,008.50	67.23	0.22	30.05	0.27	0.22	2.01
Green peppers.....	131,447.30	62.90	0.58	34.27	0.4	-	1.85
Red peppers.....	347,686.40	37.01	4.1	57.03	0.61	0.09	1.17
Swiss chard.....	-	70.22	7.19	18.4	0.58	2.03	1.58
Root Crops.....	30,819,111.00	70.17	7.22	18.41	0.58	2.04	1.58
Beetroot.....	34,597.50	71.54	0.62	26.73	0.12	-	1
Carrot.....	30,074.90	72.65	0.18	24	0.24	-	2.94
Onion.....	96,061.10	53.86	4.21	40.09	0.3	-	1.54
Potatoes.....	2,224,777.00	56.71	15.77	25.51	0.41	0.59	1.01
Yam.....	442,502.40	66.89	8.28	23.24	0.39	0.24	0.96
Garlic.....	33,255.90	55.72	11.43	32.27	0.16	-	0.43
Taro/'Godere'.....	21,627,806.30	72.26	9.21	14.99	0.64	1.31	1.59
Sweet potatoes.....	6,330,035.90	72.34	1.18	18.51	0.67	5.31	1.98
Permanent Crops.....	80,413,754.60	50.96	0.71	42.67	0.8	2.08	2.79
Avocados.....	1,182,536.90	45.48	0.28	49.25	0.84	1.13	3.02
Bananas.....	5,981,031.00	41.42	0.38	52.94	0.78	1.76	2.73
Guavas.....	3,039.50	68.08	-	25.11	0.28	0.28	6.25
Lemons.....	21,275.80	41.61	-	54.31	0.38	-	3.7
Mangoes.....	652,430.70	50.19	0.28	44.84	0.85	0.19	3.65
Oranges.....	112,376.20	49.00	-	45.76	0.81	0.14	4.29
Papayas.....	298,841.70	65.95	0.54	28.86	0.73	0.75	3.18
Pineapples.....	3,841.90	46.61	2.64	48.53	0.43	-	1.79
Chat.....	252,712.80	17.37	0.1	78.06	0.59	0.17	3.7
Coffee.....	1,442,513.30	45.25	0.8	50.61	0.67	0.13	2.53
Hops/'Gesho'.....	11,193.00	19.46	0.05	78.23	0.2	-	2.06
Sugar cane.....	5,056,769.80	74.53	1.04	16.48	1.06	4.56	2.34
Enset.....	38,354,796.68	43.91	-	45.14	0.71	7.28	2.97

TABLE 1.7.1- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Gurage

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	3,427,719.20	61.07	9.22	25.29	0.8	0.73	2.89
Cereals.....	3,163,390.50	60.37	9.24	26.08	0.6	0.85	2.85
Teff.....	416,918.90	47.81	9.23	41.5	0.41	-	1.05
Barley.....	449,443.50	61.66	12.42	20.05	1.05	1.1	3.72
Wheat.....	887,908.60	59.85	8.57	27.41	-	0.41	3.77
Maize.....	1,397,888.40	65.08	3.83	26.49	0.58	1.5	2.52
Sorghum.....	9,544.20	83.75	6.83	9.42	-	-	-
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	1,686.80	54.09	21.36	23.64	-	-	0.91
Rice.....	-	-	-	-	-	-	-
Pulses.....	264,303.40	62.84	9.23	23.23	1.23	0.47	3
Horse beans.....	89,841.00	65.60	8.66	20.5	1.34	0.34	3.56
Field peas.....	58,192.70	62.89	8.44	24.56	1.44	1.11	1.56
Haricot beans white.	125.30	96.67	3.33	-	-	-	-
Haricot beans red...	856.50	76.25	8.75	12.5	-	-	2.5
Chick-peas Red.....	115,287.90	22.14	19.29	56.07	-	-	2.5
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	25.30	35.00	2.5	62.5	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	25.30	35.00	2.5	62.5	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	89.42	0.31	7.59	0.08	-	2.61
Vegetables.....	441,587.50	89.42	0.31	7.59	0.08	-	2.61
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	3,140.90	95.00	-	-	-	-	5
Ethiopian Cabbage...	355,454.40	88.89	0.31	7.84	0.09	-	2.86
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	1,514.60	92.62	-	5.71	-	-	1.67
Red peppers.....	81,477.60	25.00	10	65	-	-	-
Swiss chard.....	-	88.09	2.73	6.31	0.26	-	2.62
Root Crops.....	250,042.60	87.88	2.9	6.16	0.27	-	2.78
Beetroot.....	1,407.00	95.00	-	5	-	-	-
Carrot.....	10,750.00	87.78	-	5.28	0.28	-	6.67
Onion.....	532.70	100.00	-	-	-	-	-
Potatoes.....	13,487.90	81.67	1.67	10	1.67	-	5
Yam.....	369.00	100.00	-	-	-	-	-
Garlic.....	21,242.20	49.13	11.88	37.75	-	-	1.25
Taro/'Godere'.....	139,365.90	91.27	3.24	3.05	0.23	-	2.21
Sweet potatoes.....	62,887.90	100.00	-	-	-	-	-
Permanent Crops.....	4,714,272.85	62.41	0.02	33.16	0.55	0.45	3.41
Avocados.....	53,766.90	70.62	-	24.4	0.84	-	4.14
Bananas.....	32,265.30	71.08	-	25.56	0.34	-	3.02
Guavas.....	18.20	20.00	-	70	-	-	10
Lemons.....	832.70	39.13	-	60.88	-	-	-
Mangoes.....	9,979.50	66.60	-	27.6	0.8	-	5
Oranges.....	43,860.10	64.68	-	29.89	0.64	-	4.79
Papayas.....	4,367.00	100.00	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	104,192.40	14.48	-	80.85	0.68	-	3.99
Coffee.....	19,922.20	86.97	0.05	9.96	0.32	0.05	2.66
Hops/'Gesho'.....	2,124.70	25.41	-	72.7	-	-	1.89
Sugar cane.....	50,648.50	57.00	-	38.95	0.71	0.71	2.62
Enset.....	4,392,295.35	84.10	-	9.91	0.72	1.63	3.64

TABLE 1.7.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Hadiya

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	3,184,910.40	57.61	11.65	26.61	0.76	0.61	2.76
Cereals.....	2,852,315.50	57.66	11.7	26.61	0.74	0.63	2.67
Teff.....	697,945.10	37.14	12.58	47.33	0.46	0.3	2.19
Barley.....	204,055.90	60.78	10.99	24.04	1.04	0.73	2.43
Wheat.....	1,085,579.80	52.17	14.66	28.66	0.97	0.33	3.2
Maize.....	718,967.20	78.54	8.06	9	0.7	0.94	2.78
Sorghum.....	131,601.70	71.97	10.13	13.23	0.63	1.31	2.74
Finger millet.....	14,165.80	83.33	12	2.67	-	-	2
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	332,262.10	57.66	11.35	26.45	0.83	0.56	3.14
Horse beans.....	232,251.40	56.57	10.87	27.91	1.05	0.51	3.1
Field peas.....	45,577.70	50.85	12.55	29.81	1.17	0.57	5.06
Haricot beans white.....	577.30	-	-	-	-	-	-
Haricot beans red.....	52,832.30	66.69	11.9	19.03	-	0.75	1.64
Chick-peas Red.....	182.20	85.00	-	15	-	-	-
Chick-peas White.....	119.40	100.00	-	-	-	-	-
Lentils.....	609.80	15.00	20	55	-	-	10
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'.....	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	332.80	45.00	19.17	35.83	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	244.20	40.00	21.25	38.75	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	31.80	-	-	-	-	-	-
Sesame.....	56.80	55.00	15	30	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	312,106.30	70.58	0.04	25.8	0.57	0.23	2.77
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	18,382.10	76.40	-	21.4	-	-	2.2
Ethiopian Cabbage.....	261,440.00	70.33	-	26.25	0.56	0.2	2.65
Tomatoes.....	12,866.40	78.70	-	17.96	0.93	0.74	1.67
Green peppers.....	18,880.10	65.12	0.24	31.55	-	-	3.1
Red peppers.....	537.70	57.78	1.11	23.89	1.67	2.22	13.33
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	864,128.30	75.25	7.07	15.79	0.27	0.06	1.56
Beetroot.....	5,406.20	91.09	0.63	6.88	0.31	-	1.09
Carrot.....	10,028.10	91.54	-	8.46	-	-	-
Onion.....	5,152.30	85.97	1.45	10.81	0.32	-	1.45
Potatoes.....	246,875.70	42.93	20.34	34.14	0.34	0.34	1.9
Yam.....	10,037.00	75.00	9.75	14.75	-	-	0.5
Garlic.....	1,043.90	51.67	12.5	35.83	-	-	-
Taro/'Godere'.....	516,024.40	74.44	7.17	15.96	0.35	0.05	2.02
Sweet potatoes.....	69,560.80	85.45	6.36	5.45	-	-	2.73
Permanent Crops.....	3,939,752.83	54.77	0.88	38.59	0.86	1.25	3.66
Avocados.....	68,349.00	57.84	0.25	35.71	1.14	0.46	4.6
Bananas.....	227,356.80	48.69	-	45.69	0.77	0.73	4.12
Guavas.....	296.60	86.67	-	-	-	-	13.33
Lemons.....	373.70	33.33	-	63.33	-	-	3.33
Mangoes.....	22,505.70	61.25	0.13	33.63	1.25	0.38	3.38
Oranges.....	2,043.50	49.17	-	45.42	2.08	0.42	2.92
Papayas.....	5,481.90	76.04	0.83	19.38	0.83	-	2.92
Pineapples.....	-	-	-	-	-	-	-
Chat.....	18,257.20	12.88	0.28	83.88	0.92	-	2.04
Coffee.....	48,787.20	63.58	2.13	29.79	0.63	0.22	3.65
Hops/'Gesho'.....	624.50	1.95	-	93.76	0.24	-	4.05
Sugar cane.....	1,135,382.20	38.91	5.07	48.12	0.43	2.32	5.14
Enset.....	2,410,294.53	75.96	-	16.5	0.98	3.18	3.39

TABLE 1.7.3- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Kembata Tembaro

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	908,865.00	56.69	11.82	27.38	1.13	0.65	2.33
Cereals.....	773,361.80	52.25	12.28	30.98	0.84	1.04	2.61
Teff.....	200,128.10	40.69	11.2	42.95	1.11	1.05	2.98
Barley.....	28,500.00	58.06	17.64	20	0.56	0.28	3.47
Wheat.....	386,116.00	45.78	17.24	32.8	0.7	0.22	3.27
Maize.....	107,963.10	93.28	1.03	3.79	-	0.86	1.03
Sorghum.....	42,416.00	64.31	10.98	19.51	1.18	2.75	1.27
Finger millet.....	6,929.10	94.29	4.64	0.71	-	0.36	-
Oats/'Aja'.....	1,309.50	10.00	25	50	-	15	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	135,503.20	63.09	11.17	22.17	1.57	0.08	1.92
Horse beans.....	90,594.00	59.67	11.64	25.37	1.17	-	2.15
Field peas.....	19,276.10	59.12	9.8	26.86	1.96	-	2.25
Haricot beans white.	71.60	100.00	-	-	-	-	-
Haricot beans red...	20,666.10	65.71	15.07	16.29	1.57	-	1.36
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	24.40	90.00	10	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	4,864.90	72.78	4.44	18.06	2.22	0.56	1.94
Fenugreek.....	6.10	40.00	15	45	-	-	-
Mung bean/'Masho'...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	-	-	-	-	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	141,419.80	80.64	0.42	16.13	0.42	0.44	1.95
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	7,000.90	31.50	-	53	1	11	3.5
Ethiopian Cabbage...	116,670.20	85.71	0.26	11.77	0.4	0.05	1.82
Tomatoes.....	5,609.70	62.86	0.71	33.57	-	-	2.86
Green peppers.....	8,092.70	75.00	1.52	20.91	0.61	-	1.97
Red peppers.....	4,046.40	51.25	-	46.25	-	-	2.5
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	974,899.40	69.48	13.14	13.49	1.15	0.76	1.99
Beetroot.....	10,147.00	49.62	-	46.54	0.38	-	3.46
Carrot.....	7,470.20	32.50	-	65.83	0.83	-	0.83
Onion.....	1,814.10	100.00	-	-	-	-	-
Potatoes.....	217,120.40	38.44	32.34	24.53	0.47	0.31	3.91
Yam.....	3,952.20	73.57	13.57	10.71	1.43	-	0.71
Garlic.....	878.90	66.67	-	30	-	-	3.33
Taro/'Godere'.....	650,458.60	72.14	15.05	9.23	1.19	0.72	1.68
Sweet potatoes.....	83,058.00	85.47	0.38	8.68	1.7	1.7	2.08
Permanent Crops.....	1,964,924.76	52.93	0.67	38.41	1.26	3.87	2.86
Avocados.....	65,136.50	46.79	-	48.86	1.14	0.74	2.47
Bananas.....	308,125.10	44.85	0.09	46.45	1.04	4.85	2.73
Guavas.....	49.20	65.00	-	26.67	-	-	8.33
Lemons.....	1,336.80	70.71	-	26.07	0.71	-	2.5
Mangoes.....	22,448.50	61.85	-	33.33	1.67	-	3.15
Oranges.....	1,717.80	49.33	-	46.67	-	-	4
Papayas.....	4,998.40	80.93	0.74	15.93	0.37	-	2.04
Pineapples.....	48.50	-	-	-	-	-	-
Chat.....	6,536.60	20.00	-	77.11	-	-	2.89
Coffee.....	19,860.80	53.41	0.59	41.19	1.33	-	3.48
Hops/'Geshe'.....	87.40	-	0.83	95.83	1.25	-	2.08
Sugar cane.....	395,365.40	28.69	4.71	46.91	0.88	17.13	1.68
Enset.....	1,139,213.76	72.08	-	14.73	1.78	8.59	2.83

TABLE 1.7.5- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Gedio

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	408,343.00	55.74	13.72	28.37	0.16	0.7	1.32
Cereals.....	324,897.40	64.06	12.1	21.88	-	1.3	0.65
Teff.....	3,671.20	40.71	-	59.29	-	-	-
Barley.....	133,375.00	59.33	17.44	21.78	-	0.44	1
Wheat.....	2,831.20	-	-	-	-	-	-
Maize.....	185,020.00	86.18	2.94	6.76	-	4.12	-
Sorghum.....	-	-	-	-	-	-	-
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	83,203.90	46.21	15.78	35.52	0.34	-	2.16
Horse beans.....	50,760.70	44.07	14.53	38.6	0.35	-	2.44
Field peas.....	29,950.90	35.00	26.36	36.36	0.45	-	1.82
Haricot beans white.	212.40	100.00	-	-	-	-	-
Haricot beans red...	2,280.00	100.00	-	-	-	-	-
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	241.70	45.00	10	45	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	241.70	50.00	20	30	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	341,032.60	75.92	1.29	20.71	0.14	-	1.94
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	100.00	-	-	-	-	-
Ethiopian Cabbage...	339,491.40	76.07	1.36	20.54	0.14	-	1.89
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	1,541.10	68.33	-	28.33	-	-	3.33
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	836,452.20	76.28	1.04	19.04	0.32	0.51	2.81
Beetroot.....	988.10	100.00	-	-	-	-	-
Carrot.....	477.60	-	-	-	-	-	-
Onion.....	116.60	-	-	-	-	-	-
Potatoes.....	180,865.30	46.36	14.09	39.55	-	-	-
Yam.....	41,175.10	77.94	0.29	20.44	0.29	-	1.03
Garlic.....	582.20	-	-	-	-	-	-
Taro/'Godere'.....	532,414.40	80.18	0.22	15.04	0.45	0.67	3.44
Sweet potatoes.....	79,833.00	67.59	0.19	27.59	-	0.74	3.89
Permanent Crops.....	9,100,513.35	49.51	0.59	46.31	0.51	0.75	2.33
Avocados.....	58,749.70	31.87	-	64.33	0.3	-	3.51
Bananas.....	166,748.40	34.94	-	62.88	-	-	2.19
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	17,924.20	31.07	-	67.14	-	-	1.79
Oranges.....	1,264.50	15.00	-	80	-	-	5
Papayas.....	-	-	-	-	-	-	-
Pineapples.....	259.70	75.00	-	22.5	-	-	2.5
Chat.....	7,231.60	-	-	100	-	-	-
Coffee.....	202,648.60	23.10	0.96	71.74	0.67	0.69	2.84
Hops/'Gesho'.....	97.50	-	-	100	-	-	-
Sugar cane.....	151,641.20	26.84	-	67.11	1.05	2.63	2.37
Enset.....	8,493,947.95	82.75	-	13.78	0.53	1.08	1.85

TABLE 1.7.6- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Wolayita

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	1,631,190.70	46.41	12.45	38.09	0.4	1.15	1.5
Cereals.....	1,160,923.10	33.91	11.87	51.02	0.34	1.67	1.19
Teff.....	415,373.60	17.25	12.82	68.84	0.27	0.12	0.69
Barley.....	6,187.20	52.81	14.06	30.94	0.31	0.31	1.56
Wheat.....	71,556.80	44.04	9.15	43.72	0.53	0.11	2.45
Maize.....	636,906.00	65.41	10.08	13.04	0.39	10.14	0.94
Sorghum.....	30,899.50	60.69	11.67	23.75	0.42	0.97	2.5
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	469,935.70	55.65	12.72	28.67	0.45	0.77	1.74
Horse beans.....	42,033.50	51.98	12.91	32.03	0.55	0.44	2.09
Field peas.....	47,307.90	58.96	12.27	25.97	0.06	0.13	2.6
Haricot beans white.	5,192.20	59.76	14.76	22.86	-	1.9	0.71
Haricot beans red...	327,923.30	56.41	12.56	27.93	0.58	1	1.52
Chick-peas Red.....	18,531.10	39.29	17.14	43.57	-	-	-
Chick-peas White....	28,817.20	65.33	9.67	21.67	0.5	0.17	2.67
Lentils.....	130.60	15.00	7.5	77.5	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	331.90	46.25	31.25	22.5	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	331.90	46.25	31.25	22.5	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	193,271.30	67.71	0.29	29.3	0.44	0.36	1.9
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	13,098.30	65.00	-	31.67	-	3.33	-
Ethiopian Cabbage...	140,628.20	74.20	0.06	23	0.4	0.42	1.93
Tomatoes.....	-	100.00	-	-	-	-	-
Green peppers.....	38,713.70	44.24	1.02	52.12	0.68	-	1.95
Red peppers.....	831.10	35.00	2.5	60.83	-	-	1.67
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	8,518,895.80	64.76	9.39	19.78	0.47	4.09	1.51
Beetroot.....	689.80	100.00	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	858.90	60.00	30	10	-	-	-
Potatoes.....	471,665.90	56.99	10.44	30.59	0.07	0.44	1.47
Yam.....	77,204.20	48.10	17.66	31.77	0.63	-	1.84
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	4,248,672.10	61.40	15.06	19.95	0.38	2.06	1.15
Sweet potatoes.....	3,719,804.90	72.70	1.04	15.95	0.62	7.79	1.9
Permanent Crops.....	3,944,560.69	42.90	0.44	49.07	0.68	4.07	2.84
Avocados.....	190,298.70	36.55	0.18	57.23	0.66	3.27	2.11
Bananas.....	692,557.50	31.96	0.13	62.53	0.5	2.01	2.88
Guavas.....	1,314.70	57.31	-	33.85	-	0.77	8.08
Lemons.....	3,621.10	51.85	-	44.5	-	-	3.65
Mangoes.....	217,411.20	35.99	0.06	60.15	0.65	0.13	3.03
Oranges.....	1,909.00	14.00	-	80.64	1.07	-	4.29
Papayas.....	72,886.20	48.34	0.44	46.54	0.59	1.62	2.47
Pineapples.....	-	-	-	-	-	-	-
Chat.....	2,597.10	5.00	-	91.25	-	-	3.75
Coffee.....	56,709.50	35.38	0.31	60.48	0.37	0.12	3.35
Hops/'Gesho'.....	511.90	12.83	-	83.48	1.09	-	2.61
Sugar cane.....	980,777.20	31.27	2.81	45.47	0.42	17.17	2.87
Enset.....	1,723,966.59	71.37	-	16.46	1.27	8.4	2.5

TABLE 1.7.7- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

South Omo

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	1,807,906.00	57.08	10.47	27.48	1.15	0.54	3.27
Cereals.....	1,668,659.60	62.78	10.17	21.61	1.07	0.73	3.65
Teff.....	50,866.60	39.38	12.19	44.69	1.25	-	2.5
Barley.....	54,842.50	48.00	16.17	32.17	1.33	0.83	1.5
Wheat.....	55,447.00	41.43	11.43	38.57	0.71	1.43	6.43
Maize.....	1,301,851.00	64.46	9.64	20	1.22	0.76	3.93
Sorghum.....	205,117.10	69.37	9.49	16.65	0.38	0.7	3.42
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	535.40	-	5	95	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	127,404.30	49.46	11.17	35.02	1.32	0.05	2.98
Horse beans.....	39,285.90	38.25	15.63	41.5	1.25	0.25	3.13
Field peas.....	10,421.10	47.00	16.16	33.16	0.79	-	2.89
Haricot beans white.	2,152.70	53.33	8.33	33.33	3.33	-	1.67
Haricot beans red...	49,065.20	57.79	10	28.29	1.54	-	2.38
Chick-peas Red.....	175.00	100.00	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'...	26,304.40	8.50	0.83	81.92	-	-	8.75
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	11,836.80	29.74	10.51	57.18	1.28	0.77	0.51
Neug.....	-	-	-	-	-	-	-
Linseed.....	828.90	36.67	8.33	51.67	3.33	-	-
Groundnuts.....	1,006.00	33.33	23.33	43.33	-	-	-
Safflower.....	9,970.90	22.32	10.36	64.11	1.43	1.07	0.71
Sesame.....	31.10	90.00	10	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	39,933.60	71.74	0.36	26.23	0.43	0.58	0.65
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	3,263.60	62.50	1	34	0.5	-	2
Ethiopian Cabbage...	35,429.90	80.11	0.11	18.48	0.11	0.87	0.33
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	1,079.50	45.00	1.67	48.33	3.33	-	1.67
Red peppers.....	160.60	26.67	-	73.33	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	867,295.00	68.90	3.7	22.56	1.53	0.49	2.83
Beetroot.....	182.80	74.00	8	18	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	18,300.40	18.57	5.71	72.14	1.07	-	2.5
Potatoes.....	19,609.80	48.75	20	31.25	-	-	-
Yam.....	8,049.90	53.13	4.38	38.75	2.5	-	1.25
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	558,234.40	72.80	4.99	17.49	1.83	0.03	2.87
Sweet potatoes.....	262,917.70	71.26	0.3	22.68	1.16	1.41	3.18
Permanent Crops.....	1,767,301.92	43.56	1.38	45.8	2.12	2.21	4.94
Avocados.....	41,102.30	45.60	0.3	44.35	3.15	0.24	6.37
Bananas.....	264,777.20	40.61	0.99	49.29	2.19	2.26	4.65
Guavas.....	0.10	75.00	-	20	-	-	5
Lemons.....	714.80	41.71	-	49.29	-	-	9
Mangoes.....	29,493.50	55.15	0.07	37.99	0.97	-	5.82
Oranges.....	526.20	57.50	-	35	3.75	-	3.75
Papayas.....	26,158.50	57.72	1.09	33.59	2.72	0.11	4.78
Pineapples.....	733.70	40.00	-	60	-	-	-
Chat.....	1,102.40	-	1	95	4	-	-
Coffee.....	28,959.80	27.84	1.18	62.83	2.02	-	6.12
Hops/'Gesho'.....	-	-	-	-	-	-	-
Sugar cane.....	137,843.20	30.82	2.7	53.48	2.6	4.5	5.9
Enset.....	1,235,890.22	60.61	-	28.1	1.87	6.24	3.18

TABLE 1.7.8- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Shaka

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	278,602.00	52.50	17.54	24.44	1.06	0.04	4.44
Cereals.....	41,917.30	42.31	18.97	32.56	0.13	0.13	5.9
Teff.....	34,679.90	41.18	18.97	34.12	-	-	5.74
Barley.....	1,456.20	20.00	40	30	-	-	10
Wheat.....	2,393.20	25.00	22.5	40	-	-	12.5
Maize.....	2,440.60	90.00	5	-	2.5	2.5	-
Sorghum.....	-	-	-	-	-	-	-
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	947.40	100.00	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	236,684.70	56.36	16.99	21.36	1.41	-	3.88
Horse beans.....	81,136.00	56.47	16.86	21.08	1.96	-	3.63
Field peas.....	155,407.80	52.60	18.54	23.44	0.94	-	4.48
Haricot beans white.	6.00	100.00	-	-	-	-	-
Haricot beans red...	134.80	100.00	-	-	-	-	-
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	-	-	-	-	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	103,409.00	72.72	5.56	18.84	0.34	-	2.54
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	25,509.30	25.00	-	75	-	-	-
Ethiopian Cabbage...	75,860.50	75.76	6.02	15.25	0.38	-	2.58
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	2,039.20	56.67	2.92	38.33	-	-	2.08
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	170,505.00	73.17	12.31	11.01	-	0.19	3.32
Beetroot.....	2,503.30	40.00	-	60	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	2,535.50	63.00	9	20.67	-	-	7.33
Potatoes.....	51,239.00	100.00	-	-	-	-	-
Yam.....	487.70	55.00	25	20	-	-	-
Garlic.....	1,718.10	63.60	20.4	15.6	-	-	0.4
Taro/'Godere'.....	108,657.30	81.54	10.38	4.04	-	-	4.04
Sweet potatoes.....	3,364.10	80.63	5.63	9.38	-	2.5	1.88
Permanent Crops.....	3,213,105.53	54.82	3.56	36.66	1.54	0.18	3.25
Avocados.....	125,634.10	35.52	1.2	58.18	-	-	5.1
Bananas.....	9,375.30	45.00	2.31	46.15	-	-	6.54
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	32.70	100.00	-	-	-	-	-
Oranges.....	82.00	-	-	100.00	-	-	-
Papayas.....	-	-	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	343.00	33.33	6.67	60	-	-	-
Coffee.....	186,419.00	43.96	1.12	46.72	4.55	-	3.66
Hops/'Gesho'.....	4.30	-	-	-	-	-	-
Sugar cane.....	70,363.90	53.82	5.53	35	0.13	1.32	4.21
Enset.....	2,820,851.23	71.43	-	25.84	1.13	-	1.59

TABLE 1.7.9- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Kaffa

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	3,415,559.90	55.79	11.68	29.83	0.66	0.48	1.56
Cereals.....	2,503,483.20	49.89	12.67	34.02	0.82	0.56	2.04
Teff.....	406,472.20	45.24	13.84	38.46	0.37	0.13	1.96
Barley.....	238,535.70	41.22	18.96	35.77	-	1.56	2.5
Wheat.....	214,147.50	41.00	19.85	35.47	-	3.09	0.59
Maize.....	1,185,043.80	58.35	5.71	33.42	2.05	0.11	0.37
Sorghum.....	368,402.80	56.61	9.98	28.53	0.62	0.37	3.88
Finger millet.....	39,272.40	83.64	9.55	-	6.82	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	51,608.80	76.67	3.33	11.67	8.33	-	-
Pulses.....	909,991.70	61.93	10.84	25.21	0.51	0.41	1.11
Horse beans.....	449,838.90	57.62	11.08	29.42	0.17	0.5	1.21
Field peas.....	339,174.80	58.24	10.3	28.68	0.66	0.58	1.53
Haricot beans white.	8,340.40	77.00	12	8	-	-	3
Haricot beans red...	112,289.80	74.23	11.27	13.28	0.98	-	0.23
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	347.80	88.33	5	6.67	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	2,085.00	88.33	5	6.67	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	178.70	56.43	6.43	37.14	-	-	-
Groundnuts.....	1,906.30	2.33	-	97.67	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	80.33	1.15	16.47	0.59	-	1.46
Vegetables.....	230,947.40	80.27	1.12	16.54	0.59	-	1.48
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	33,792.70	48.75	-	50	0.83	-	0.42
Ethiopian Cabbage...	158,798.90	83.40	1.09	13.43	0.41	-	1.67
Tomatoes.....	0.20	-	-	-	-	-	-
Green peppers.....	6,530.90	72.87	0.32	25.53	0.53	-	0.74
Red peppers.....	31,824.80	59.74	4.47	31.32	3.95	-	0.53
Swiss chard.....	-	78.50	4.52	15.35	0.37	0.08	1.19
Root Crops.....	1,365,910.70	-	-	-	-	-	-
Beetroot.....	6,270.80	53.75	-	46.25	-	-	-
Carrot.....	64.00	65.00	-	35	-	-	-
Onion.....	2,722.70	59.00	6.33	34	0.67	-	-
Potatoes.....	2,103.90	68.75	3.75	26.25	-	-	1.25
Yam.....	14,706.50	79.29	6.57	13.29	0.86	-	-
Garlic.....	4,492.40	47.94	8.38	42.91	0.63	-	0.16
Taro/'Godere'.....	1,319,782.90	81.94	4.19	12.23	0.26	0.11	1.27
Sweet potatoes.....	15,767.40	82.27	1.82	10.68	0.91	-	4.32
Permanent Crops.....	9,815,278.47	58.97	0.39	37.77	0.38	0.77	1.71
Avocados.....	170,136.00	49.32	0.24	47.15	0.19	-	3.09
Bananas.....	289,754.30	46.48	0.47	50.22	0.27	0.18	2.38
Guavas.....	223.60	-	-	-	-	-	-
Lemons.....	827.10	26.50	-	71.88	-	-	1.63
Mangoes.....	17,815.20	67.50	-	31.46	-	-	1.04
Oranges.....	5,264.40	62.92	-	35.58	0.42	-	1.08
Papayas.....	31,852.10	80.58	-	17.91	-	-	1.51
Pineapples.....	197.20	75.83	0.83	23.33	-	-	-
Chat.....	3,713.80	8.64	0.08	88.94	0.15	-	2.2
Coffee.....	216,811.90	48.74	0.09	50	0.47	-	0.7
Hops/'Gesho'.....	2,269.00	42.93	-	50	-	-	7.07
Sugar cane.....	334,032.90	60.88	1.88	29.96	0.52	4.4	2.36
Enset.....	8,742,380.97	81.37	-	15.41	0.51	1.38	1.33

TABLE 1.7.10- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Gamo Gofa

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	4,051,783.20	57.76	13.62	24.45	0.83	1.2	2.15
Cereals.....	3,730,464.60	58.46	13.19	23.42	0.97	1.64	2.32
Teff.....	541,791.80	34.90	11.57	47.38	2.91	0.56	2.68
Barley.....	337,993.80	65.98	17.56	13.77	0.15	1.63	0.9
Wheat.....	509,884.10	60.73	15.14	20.92	0.39	0.7	2.12
Maize.....	2,299,412.70	63.40	9.08	20.13	1.03	2.9	3.46
Sorghum.....	36,783.40	62.17	19.35	17.39	0.22	0.65	0.22
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	210.00	80.00	10	-	-	-	10
Rice.....	4,388.60	45.00	15	40	-	-	-
Pulses.....	310,061.20	57.11	14.65	25.68	0.52	0.26	1.78
Horse beans.....	103,907.60	63.67	12.87	20.77	0.6	0.1	2
Field peas.....	41,791.90	52.04	18.23	27.69	0.48	0.05	1.51
Haricot beans white.	229.40	57.50	10	25	-	-	7.5
Haricot beans red...	156,561.80	51.57	14.8	30.22	0.6	0.82	1.98
Chick-peas Red.....	1,144.40	10.00	-	90	-	-	-
Chick-peas White....	3,014.90	20.00	10	70	-	-	-
Lentils.....	889.90	67.50	12.5	18.75	-	-	1.25
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	303.80	90.00	10	-	-	-	-
Fenugreek.....	605.50	60.00	12.78	26.94	-	-	0.28
Mung bean/'Masho'...	1,612.20	12.50	10	77.5	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	11,257.40	41.00	12.65	44.6	0.25	-	1.5
Neug.....	3,147.30	26.67	26.67	46.67	-	-	-
Linseed.....	795.70	49.64	11.07	36.79	0.36	-	2.14
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	7,314.40	15.00	6	79	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	149,763.40	66.50	0.25	31.87	0.08	-	1.29
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	8,611.40	24.50	-	75.5	-	-	-
Ethiopian Cabbage...	136,505.30	70.26	0.18	28.15	0.1	-	1.31
Tomatoes.....	0.30	100.00	-	-	-	-	-
Green peppers.....	2,657.00	56.50	0.67	40.5	-	-	2.33
Red peppers.....	1,989.30	52.73	0.91	46.36	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	3,954,412.80	69.85	5.19	20.87	0.22	2.38	1.5
Beetroot.....	986.00	51.25	-	48.75	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	23,612.80	34.62	3.21	61.15	-	-	1.03
Potatoes.....	940,248.30	62.71	16.91	19.13	-	1.04	0.21
Yam.....	262,148.00	57.59	5.97	34.89	-	-	1.56
Garlic.....	2,189.00	52.14	10	37.86	-	-	-
Taro/'Godere'.....	1,277,590.20	78.24	3.89	14.05	0.29	1.29	2.24
Sweet potatoes.....	1,447,638.40	74.49	0.5	17.68	0.35	5.48	1.51
Permanent Crops.....	4,204,224.57	51.81	0.3	42.58	0.68	1.69	2.94
Avocados.....	123,454.30	45.63	-	47.63	0.97	0.4	5.37
Bananas.....	1,482,428.70	37.33	0.31	56.96	0.66	1.68	3.06
Guavas.....	438.10	80.00	-	17.5	0.42	0.42	1.67
Lemons.....	4,083.20	28.91	-	65	0.87	-	5.22
Mangoes.....	203,672.60	52.75	-	42.56	0.56	0.56	3.58
Oranges.....	34,912.90	55.63	-	42.03	-	-	2.34
Papayas.....	33,655.20	65.44	-	32.63	-	-	1.93
Pineapples.....	-	-	-	-	-	-	-
Chat.....	5,841.50	7.07	-	87.07	2.76	-	3.1
Coffee.....	40,668.80	41.19	0.92	53.98	0.68	0.17	3.05
Hops/'Gesho'.....	481.70	25.42	-	72.92	-	-	1.67
Sugar cane.....	432,915.30	35.94	0.35	57.65	1	2	3.06
Enset.....	1,841,672.27	73.31	-	20.18	0.62	3.95	1.94

TABLE 1.7.11- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Bench Maji

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	1,329,073.90	54.60	6.81	37.68	0.18	0.5	0.22
Cereals.....	1,118,750.80	55.21	6.98	36.69	0.1	0.78	0.24
Teff.....	106,892.50	28.98	10	61.02	-	-	-
Barley.....	15,186.60	17.27	6.36	75.91	-	0.45	-
Wheat.....	8,891.00	60.00	-	40	-	-	-
Maize.....	624,700.10	64.16	5.98	27.92	0.17	1.33	0.43
Sorghum.....	301,252.60	54.08	6.54	39.23	-	0.15	-
Finger millet.....	30,557.10	70.00	13.08	16.92	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	31,270.90	27.50	11.25	61.25	-	-	-
Pulses.....	188,720.90	53.55	6.12	39.75	0.34	0.06	0.2
Horse beans.....	51,224.60	30.65	8.39	58.71	1.61	0.16	0.48
Field peas.....	83,428.80	29.11	7.74	62.82	-	0.08	0.24
Haricot beans white.	17,200.60	92.00	3.25	4.75	-	-	-
Haricot beans red...	36,856.10	75.61	4.39	19.77	0.15	-	0.08
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	10.80	-	-	100	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	21,602.20	54.62	12.31	33.08	-	-	-
Neug.....	22.10	100.00	-	-	-	-	-
Linseed.....	74.10	100.00	-	-	-	-	-
Groundnuts.....	21,505.90	27.50	18.75	53.75	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	152,811.70	80.38	0.35	18.97	-	-	0.3
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	457.30	70.00	-	30	-	-	-
Ethiopian Cabbage...	145,811.40	79.33	0.4	19.95	-	-	0.31
Tomatoes.....	3,007.70	81.43	-	17.14	-	-	1.43
Green peppers.....	1,873.80	88.24	-	11.76	-	-	-
Red peppers.....	1,661.50	92.00	-	8	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	8,986,404.40	82.15	4.08	13.22	0.03	0.04	0.49
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	2,298.30	71.67	1.67	26.67	-	-	-
Potatoes.....	5,039.30	80.00	-	20	-	-	-
Yam.....	2,044.40	80.39	4.08	15.26	-	-	0.26
Garlic.....	4.60	48.75	6.25	45	-	-	-
Taro/'Godere'.....	8,923,870.00	83.45	4.34	11.68	0.02	0.05	0.47
Sweet potatoes.....	53,147.80	72.40	0.4	25.6	0.2	-	1.4
Permanent Crops.....	4,500,434.23	43.21	0.64	54.06	0.11	0.51	1.47
Avocados.....	135,907.90	41.26	0.34	57.23	-	-	1.17
Bananas.....	1,996,865.50	46.11	0.41	51.64	0.03	0.42	1.38
Guavas.....	2.60	43.33	-	30	-	-	26.67
Lemons.....	1,427.20	5.00	-	95	-	-	-
Mangoes.....	14,909.40	53.24	-	32.49	0.98	0.24	13.05
Oranges.....	3,561.40	65.67	-	31.89	-	-	2.44
Papayas.....	34,723.90	73.09	0.13	17.5	0.46	3.09	5.72
Pineapples.....	1,911.50	40.33	8.67	51	-	-	-
Chat.....	633.80	-	0.3	99.25	-	-	0.45
Coffee.....	566,891.30	22.66	0.75	75.88	0.11	-	0.6
Hops/'Geshe'.....	4,080.20	12.97	-	86.67	-	-	0.36
Sugar cane.....	1,022,455.70	46.17	1.73	49.77	0.05	1.34	0.94
Enset.....	717,063.83	82.61	-	15.55	0.12	1.05	0.67

TABLE 1.7.12- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Yem Special Wereda

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	569,825.90	57.97	13.65	24.41	1.39	0.49	2.09
Cereals.....	504,490.70	56.38	13.64	25.39	1.46	0.75	2.39
Teff.....	118,566.60	42.07	17.16	35.66	2.32	0.49	2.3
Barley.....	27,100.10	59.70	17.62	20.19	0.32	0.38	1.78
Wheat.....	82,624.20	50.38	18.24	26.36	1.69	0.16	3.17
Maize.....	258,443.50	69.10	5.59	20.25	1.52	1.09	2.46
Sorghum.....	17,562.20	63.05	13.35	20.16	0.28	1.79	1.37
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	194.00	61.67	18.33	-	-	8.33	11.67
Rice.....	-	-	-	-	-	-	-
Pulses.....	65,144.70	61.53	13.29	22.44	1.31	-	1.43
Horse beans.....	38,182.20	57.73	15.47	23.44	1.56	-	1.8
Field peas.....	24,032.30	55.28	17.27	22.42	2.25	-	2.77
Haricot beans white..	1,542.20	73.51	9.38	16.49	0.41	-	0.21
Haricot beans red...	666.90	87.40	4.33	7.98	-	-	0.29
Chick-peas Red.....	12.40	75.00	15	10	-	-	-
Chick-peas White....	17.20	20.00	10	70	-	-	-
Lentils.....	612.30	43.93	13.57	40.36	1.79	-	0.36
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	79.20	52.24	8.16	39.08	0.39	-	0.13
Mung bean/'Masho"...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	190.50	48.75	22.92	25	-	-	3.33
Neug.....	-	-	-	-	-	-	-
Linseed.....	153.10	62.22	16.67	20	-	-	1.11
Groundnuts.....	37.30	45.00	10	40	-	-	5
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	11,714.70	70.54	0.33	27.7	0.21	-	1.22
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	231.70	68.75	-	31.25	-	-	-
Ethiopian Cabbage...	10,018.20	75.99	0.24	22.47	0.3	-	1
Tomatoes.....	688.10	52.06	0.29	45	-	-	2.65
Green peppers.....	301.80	58.10	0.24	40	-	-	1.67
Red peppers.....	474.90	55.63	5	38.75	-	-	0.63
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	79,798.90	67.56	8.05	22.51	0.37	0.08	1.43
Beetroot.....	440.60	60.92	-	38.55	-	-	0.53
Carrot.....	225.40	55.75	0.75	38.75	0.5	-	4.25
Onion.....	973.20	51.11	7.78	40.56	0.56	-	-
Potatoes.....	19,812.60	47.50	12.81	36.56	3.13	-	-
Yam.....	118.30	77.00	13	10	-	-	-
Garlic.....	314.20	60.17	10.5	29	-	-	0.33
Taro/'Godere'.....	32,373.00	70.99	13.47	13.85	0.08	-	1.61
Sweet potatoes.....	25,541.70	72.48	2.11	23.05	0.34	0.27	1.74
Permanent Crops.....	240,203.61	59.74	0.08	37.13	0.28	0.44	2.33
Avocados.....	11,850.40	47.70	-	49.73	0.17	-	2.4
Bananas.....	6,881.70	50.79	-	46.21	0.07	-	2.93
Guavas.....	25.10	66.18	-	26.06	0.15	0.3	7.3
Lemons.....	72.10	27.50	-	71.5	-	-	1
Mangoes.....	462.70	52.29	-	42.5	-	-	5.21
Oranges.....	420.50	44.55	-	48.18	0.36	-	6.91
Papayas.....	249.50	45.63	-	51.88	-	-	2.5
Pineapples.....	9.60	19.09	-	80.91	-	-	-
Chat.....	3,038.50	20.85	-	75.81	0.24	0.11	2.99
Coffee.....	1,267.60	87.95	-	11.24	-	-	0.81
Hops/'Geshe'.....	75.50	32.33	-	67.44	-	-	0.23
Sugar cane.....	45,025.90	54.75	0.76	38.56	0.61	2.74	2.59
Enset.....	170,824.51	89.34	-	8.28	0.61	0.58	1.19

TABLE 1.7.13- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Dawro

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	954,121.30	40.81	16.32	37.88	0.76	1.92	2.32
Cereals.....	698,061.10	38.62	15.78	40.12	0.8	2.35	2.32
Teff.....	229,186.60	32.19	16.06	46.53	0.55	1.79	2.87
Barley.....	18,130.40	33.94	10.78	50.83	1.11	2.78	0.56
Wheat.....	45,007.60	42.69	18.08	35.38	-	3.85	-
Maize.....	330,367.70	50.83	14.17	29.17	1.55	2.26	2.02
Sorghum.....	67,042.60	51.70	15.7	24.76	1.3	4.24	2.3
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	8,326.20	36.11	25	38.89	-	-	-
Pulses.....	255,448.40	43.66	17.5	34.75	0.72	1.19	2.19
Horse beans.....	153,296.80	43.62	17.5	35.17	0.65	1.29	1.77
Field peas.....	67,073.80	37.27	15.61	42.73	1.36	-	3.03
Haricot beans white.	348.90	50.00	15	22	-	3	10
Haricot beans red...	34,353.20	49.51	17.68	28.66	0.54	1.71	1.9
Chick-peas Red.....	132.60	15.00	-	85	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	243.10	30.00	60	10	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	611.90	53.50	7.75	29.63	-	3.75	5.38
Neug.....	-	-	-	-	-	-	-
Linseed.....	55.90	40.00	10	50	-	-	-
Groundnuts.....	550.50	50.00	7.5	27.5	-	7.5	7.5
Safflower.....	-	-	-	-	-	-	-
Sesame.....	5.50	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	52,827.60	77.86	1.43	15.71	0.88	0.11	4.01
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	191.00	60.00	15	10	-	5	10
Ethiopian Cabbage...	50,701.60	81.10	0.91	13.6	0.91	0.06	3.41
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	1,553.40	86.67	-	-	-	-	13.33
Red peppers.....	381.60	23.00	8	61	1	-	7
Swiss chard.....	-	56.05	13.99	18.01	1.18	8	2.77
Root Crops.....	2,433,966.20	56.05	13.99	18.01	1.18	8	2.77
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	1.70	-	-	-	-	-	-
Potatoes.....	12,464.20	32.50	15	50	-	-	2.5
Yam.....	6,902.60	67.50	6.25	20.63	-	-	5.63
Garlic.....	136.50	50.00	20	20	-	-	10
Taro/'Godere'.....	2,255,721.70	53.83	17.97	18.23	1.24	6.67	2.07
Sweet potatoes.....	158,739.60	63.15	1.11	16.17	1.11	13.64	4.81
Permanent Crops.....	2,967,810.91	48.04	2.19	39.97	1.44	4.02	4.35
Avocados.....	65,054.90	46.27	1.28	43.94	1.6	2.77	4.16
Bananas.....	242,938.30	38.59	1.05	50.99	1.39	3.53	4.45
Guavas.....	-	-	-	-	-	-	-
Lemons.....	1,643.90	48.00	-	52	-	-	-
Mangoes.....	34,868.40	49.28	1.52	43.23	1.48	0.06	4.43
Oranges.....	6,631.00	31.62	-	59.76	1.55	0.17	6.9
Papayas.....	16,474.70	58.55	0.71	33.67	0.24	-	6.83
Pineapples.....	-	40.00	-	50	-	-	10
Chat.....	511.80	7.14	-	83.57	5	-	4.29
Coffee.....	20,030.50	39.15	2.05	53.26	0.69	0.63	4.22
Hops/'Gesho'.....	5.30	40.00	-	60	-	-	-
Sugar cane.....	74,916.40	35.15	3.24	35.59	2.94	17.94	5.15
Enset.....	2,504,735.71	62.59	-	24.03	1.86	7.64	3.88

TABLE 1.7.14- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Basketo Special Wereda

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	137,304.00	57.19	7.37	31.95	0.33	2.31	0.85
Cereals.....	127,945.20	54.75	7.83	32.72	0.4	3.2	1.1
Teff.....	3,972.20	45.58	8.95	43.6	-	1.28	0.58
Barley.....	180.70	20.00	10	70	-	-	-
Wheat.....	-	-	-	-	-	-	-
Maize.....	112,458.50	58.02	7.65	28.85	0.41	3.8	1.27
Sorghum.....	11,333.80	45.17	7.97	44.15	0.51	1.61	0.59
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	9,257.20	63.31	6.3	29.69	0.18	0.24	0.27
Horse beans.....	149.30	76.67	2.89	19.89	-	0.56	-
Field peas.....	704.20	56.25	5.63	36.88	0.83	-	0.42
Haricot beans white.....	62.10	76.67	10	13.33	-	-	-
Haricot beans red.....	5,580.90	69.09	6.35	23.85	0.1	0.34	0.29
Chick-peas Red.....	106.80	5.00	5	87.5	-	-	2.5
Chick-peas White.....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'.....	2,654.00	43.54	7.71	48.75	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	101.50	56.00	6	37.5	-	-	0.5
Neug.....	-	-	-	-	-	-	-
Linseed.....	30.40	44.00	5	51	-	-	-
Groundnuts.....	35.20	90.00	10	-	-	-	-
Safflower.....	36.00	62.50	6.25	30	-	-	1.25
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	1,097.80	73.12	0.52	25.13	-	1.1	0.13
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	40.00	0.77	55.38	-	3.85	-
Ethiopian Cabbage.....	1,089.90	78.67	0.11	20.22	-	0.78	0.22
Tomatoes.....	-	100.00	-	-	-	-	-
Green peppers.....	3.40	96.00	-	4	-	-	-
Red peppers.....	4.60	63.75	3.13	33.13	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	164,767.10	72.72	2.26	21.99	0.35	2.39	0.28
Beetroot.....	3.40	55.00	-	45	-	-	-
Carrot.....	-	3.33	-	96.67	-	-	-
Onion.....	44.40	56.43	1.43	42.14	-	-	-
Potatoes.....	2,448.60	56.43	9.29	31.43	-	1.43	1.43
Yam.....	8,680.00	70.93	4.59	23.9	0.35	-	0.23
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	53,141.60	80.49	2.28	15.64	0.45	0.91	0.23
Sweet potatoes.....	100,449.10	66.25	0.98	26.46	0.28	5.69	0.33
Permanent Crops.....	204,062.25	49.04	0.56	44.99	0.31	4.28	0.82
Avocados.....	10,834.70	40.10	0.05	57.49	0.1	1.17	1.09
Bananas.....	27,424.70	44.69	0.19	50.76	0.62	3.03	0.71
Guavas.....	0.10	75.00	-	25	-	-	-
Lemons.....	237.00	56.79	-	43.21	-	-	-
Mangoes.....	5,255.30	67.39	-	31.22	0.11	0.11	1.17
Oranges.....	28.90	64.38	-	34.38	-	-	1.25
Papayas.....	2,638.40	89.61	-	10.39	-	-	-
Pineapples.....	31.40	47.50	-	50.83	-	-	1.67
Chat.....	65.70	1.11	1.11	97.78	-	-	-
Coffee.....	3,652.30	41.29	0.36	57.25	0.12	-	0.98
Hops/'Gesho'.....	0.20	36.00	-	62	-	-	2
Sugar cane.....	29,788.10	56.67	0.94	36.72	0.17	4.39	1.11
Enset.....	124,105.45	52.78	-	30.13	0.66	15.99	0.44

TABLE 1.7.15- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Konta Special Wereda

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	284,218.00	33.80	15.42	44.93	1.7	1.47	2.68
Cereals.....	165,997.30	29.78	15.22	49.32	1.57	2.22	1.89
Teff.....	58,401.10	27.27	16.47	52.57	1.13	1.27	1.29
Barley.....	12,034.60	26.85	17.78	46.67	1.85	4.44	2.41
Wheat.....	3,796.10	22.50	15	57.92	1.25	0.42	2.92
Maize.....	19,519.10	47.17	15.43	23.48	1.96	10.65	1.3
Sorghum.....	28,174.70	32.32	12.25	51.69	0.85	0.99	1.9
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	44,071.80	28.21	14.4	47.98	3.93	1.9	3.57
Pulses.....	115,707.50	38.08	15.53	40.97	1.57	0.77	3.07
Horse beans.....	78,818.80	33.85	15.63	46.41	1.64	0.16	2.3
Field peas.....	28,516.60	34.28	16.39	42.89	1.67	0.78	4
Haricot beans white.....	54.90	38.00	14	48	-	-	-
Haricot beans red.....	8,299.80	51.97	14.37	26.41	1.38	2.13	3.75
Chick-peas Red.....	1.50	-	-	-	-	-	-
Chick-peas White.....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	2,513.20	25.00	17.73	34.09	9.09	-	14.09
Neug.....	-	-	-	-	-	-	-
Linseed.....	244.20	7.50	22.5	70	-	-	-
Groundnuts.....	2,268.90	28.89	16.67	26.11	11.11	-	17.22
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	15,486.60	63.49	2.31	27.12	2.83	0.09	4.15
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	12,447.80	69.46	1.89	20.95	2.84	0.07	4.8
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	2,078.90	58.46	0.77	33.85	3.85	-	3.08
Red peppers.....	959.90	26.15	5.77	62.31	2.69	-	3.08
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	1,080,778.50	60.77	14.46	18	2.14	2.35	2.27
Beetroot.....	1,047.80	20.00	10	70	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	34.10	30.00	-	65	5	-	-
Potatoes.....	490.90	85.00	3.75	10	1.25	-	-
Yam.....	6,575.90	74.36	12.69	8.97	0.51	2.82	0.64
Garlic.....	42.60	-	-	-	-	-	-
Taro/'Godere'.....	995,394.10	57.51	16.37	19.78	2.16	1.92	2.27
Sweet potatoes.....	77,193.10	69.90	5.96	12.12	3.37	4.81	3.85
Permanent Crops.....	528,423.46	43.09	1.71	46.71	2.39	3.32	2.77
Avocados.....	32,250.50	36.88	0.96	54.56	2.24	3.25	2.11
Bananas.....	117,727.00	33.15	0.79	59.46	2.21	2.08	2.31
Guavas.....	4.00	71.67	-	25	1.67	-	1.67
Lemons.....	83.20	26.00	-	70	0.33	-	3.67
Mangoes.....	15,294.40	37.47	1.36	55.93	1.96	0.45	2.82
Oranges.....	1,856.50	36.92	-	57.19	2.92	1.15	1.81
Papayas.....	12,196.20	44.66	2.13	45.63	2.35	1.1	4.12
Pineapples.....	650.40	48.95	2.38	43.43	1.43	-	3.81
Chat.....	791.60	1.88	-	95.78	0.63	-	1.72
Coffee.....	9,190.90	29.30	3.03	62.55	1.97	0.09	3.06
Hops/'Gesho'.....	2.80	13.57	-	85	1.43	-	-
Sugar cane.....	16,784.40	33.54	3.85	34.23	2.21	23.35	2.81
Enset.....	321,591.56	69.27	-	18.76	3.23	5.52	3.22

TABLE 1.7.16- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Silitie

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	3,585,357.20	67.81	9.12	21.74	0.05	0.28	0.99
Cereals.....	3,435,439.80	65.73	8.05	24.66	0.08	0.39	1.09
Teff.....	167,515.50	25.00	7.32	67.33	-	-	0.35
Barley.....	285,418.00	59.86	15.14	23.46	0.1	0.13	1.31
Wheat.....	888,735.90	43.49	9.58	45.91	-	-	1.02
Maize.....	1,926,570.00	85.10	3.1	10.35	0.14	0.08	1.23
Sorghum.....	143,289.90	83.31	5.04	7.67	-	3	0.97
Finger millet.....	23,910.50	76.54	10	13.46	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	149,883.40	72.84	11.8	14.64	-	-	0.72
Horse beans.....	86,081.30	78.56	9.85	10.8	-	-	0.78
Field peas.....	53,833.50	61.45	15.45	22.45	-	-	0.64
Haricot beans white.....	2,259.90	87.50	12.5	-	-	-	-
Haricot beans red.....	5,381.90	95.00	5	-	-	-	-
Chick-peas Red.....	1,383.00	80.00	20	-	-	-	-
Chick-peas White.....	795.80	82.50	7.5	10	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	108.60	75	10	15	-	-	-
Mung bean/'Masho'...	39.50	-	-	100	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	34.00	86.67	10	-	-	-	3.33
Neug.....	-	-	-	-	-	-	-
Linseed.....	32.60	80.00	10	-	-	-	10
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	70.63	0.67	26.85	0.21	-	1.64
Vegetables.....	562,553.40	70.51	0.62	27.02	0.21	-	1.65
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	2,876.20	60.00	-	39.17	-	-	0.83
Ethiopian Cabbage...	430,750.80	78.83	0.55	18.53	0.22	-	1.86
Tomatoes.....	423.10	50.00	-	50	-	-	-
Green peppers.....	27,423.00	89.17	-	8.33	-	-	2.5
Red peppers.....	101,080.30	19.56	1.18	78.67	0.22	-	0.38
Swiss chard.....	-	75.22	0.16	23.51	-	-	1.11
Root Crops.....	65,639.50	75.22	0.16	23.51	-	-	1.11
Beetroot.....	3,914.40	87.14	-	10.71	-	-	2.14
Carrot.....	945.70	87.37	-	11.58	-	-	1.05
Onion.....	25,871.40	25.00	0.25	74.75	-	-	-
Potatoes.....	34,601.30	71.5	6.75	17.75	0.25	-	3.8
Yam.....	-	-	-	-	-	-	-
Garlic.....	306.80	76.25	1.25	22.5	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-	-
Permanent Crops.....	1,146,602.07	58.81	0.17	34.8	0.25	1.31	4.66
Avocados.....	22,549.40	62.68	-	34.27	-	-	3.05
Bananas.....	17,272.00	41.25	-	53.25	-	-	5.5
Guavas.....	484.50	71.11	-	25.56	1.11	-	2.22
Lemons.....	4,586.80	33.67	-	55.33	1.33	-	9.67
Mangoes.....	13,858.60	63.68	-	33.42	0.53	-	2.37
Oranges.....	7,326.80	57.31	-	38.63	-	-	4.06
Papayas.....	26,127.20	76.82	-	21.59	0.68	-	0.91
Pineapples.....	-	-	-	-	-	-	-
Chat.....	63,093.60	26.35	0.06	66.13	0.61	0.06	6.8
Coffee.....	4,664.50	79.33	0.08	17.87	-	-	2.72
Hops/'Geshe'.....	-	-	-	100	-	-	-
Sugar cane.....	94,271.30	46.67	-	39.63	-	1.85	11.85
Enset.....	892,367.37	78.76	-	13.22	-	4.4	3.62

TABLE 1.7.17- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Alaba Special wereda

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	1,362,554.80	66.92	8.86	21.5	0.57	1	1.15
Cereals.....	1,333,653.90	66.03	8.49	22.47	0.64	1.14	1.23
Teff.....	108,644.10	35.60	11.13	52.35	0.6	-	0.33
Barley.....	4,315.70	95.00	3.33	1.67	-	-	-
Wheat.....	71,052.10	18.97	8.62	69.66	0.69	0.17	1.9
Maize.....	989,794.60	77.71	5	12.98	0.98	1.35	1.97
Sorghum.....	48,916.90	79.53	8.91	6.86	0.35	3.68	0.66
Finger millet.....	110,930.40	67.31	12.15	19.07	0.31	0.16	1.01
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	28,894.60	73.49	11.59	14.27	0.04	-	0.6
Horse beans.....	1,035.80	93.33	3.33	-	-	-	3.33
Field peas.....	-	-	-	-	-	-	-
Haricot beans white.	315.60	85.00	7.5	6.25	-	-	1.25
Haricot beans red...	27,250.10	71.20	12.55	15.67	0.05	-	0.53
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	15.60	100.00	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	92.10	100.00	-	-	-	-	-
Fenugreek.....	185.40	100.00	-	-	-	-	-
Mung bean/"Masho"...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	6.30	57.50	7.5	35	-	-	-
Neug.....	3.60	100.00	-	-	-	-	-
Linseed.....	2.70	95.00	5	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	267,391.20	65.52	2.19	30.13	0.48	0.34	1.34
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	1,575.50	92.86	-	7.14	-	-	-
Ethiopian Cabbage...	138,208.00	91.18	-	5.32	0.81	0.58	2.11
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	5,351.70	22.50	-	76.75	-	-	0.75
Red peppers.....	122,256.00	24.69	7.1	68.09	-	-	0.12
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	6,637.30	90.48	1.43	6.43	-	0.24	1.43
Beetroot.....	484.00	97.50	-	2.5	-	-	-
Carrot.....	113.80	90.00	-	3.33	-	-	6.67
Onion.....	414.00	88.75	2.5	8.75	-	-	-
Potatoes.....	4,196.90	75.83	5	19.17	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	1,428.50	97.78	-	0.56	-	0.56	1.11
Permanent Crops.....	78,761.42	64.50	0.15	29.39	0.24	1.38	4.33
Avocados.....	3,752.20	70.00	-	27.06	-	-	2.94
Bananas.....	14,148.60	90.54	-	7.5	-	0.36	1.61
Guavas.....	137.30	77.50	-	22.5	-	-	-
Lemons.....	275.00	33.33	-	60	-	-	6.67
Mangoes.....	3,113.40	87.50	-	11.25	-	-	1.25
Oranges.....	470.50	80.00	-	16.67	-	-	3.33
Papayas.....	4,902.50	89.62	-	8.08	-	-	2.31
Pineapples.....	-	-	-	-	-	-	-
Chat.....	29,818.50	35.97	-	56.59	0.54	-	6.9
Coffee.....	2,453.70	91.76	0.27	5.16	0.11	-	2.69
Hops/'Gesho'.....	-	-	-	-	-	-	-
Sugar cane.....	15,182.70	61.67	-	28.33	-	3.33	6.67
Enset.....	4,507.02	37.14	-	29.65	-	30.36	2.86

TABLE 1.7.18- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Segen People

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	1,588,798.80	50.00	11.5	34.66	1.88	0.81	1.15
Cereals.....	1,357,151.60	49.67	10.88	35.7	1.56	1.07	1.11
Teff.....	183,253.50	27.53	12.76	58.12	1	-	0.59
Barley.....	20,617.20	36.75	14	43.25	2.5	2.25	1.25
Wheat.....	842.50	20.00	-	80	-	-	-
Maize.....	976,647.50	65.81	9.19	20.81	1.48	1.43	1.29
Sorghum.....	175,541.30	60.22	10.11	23.78	2.44	1.78	1.67
Finger millet.....	249.70	100.00	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	231,640.60	51.01	13.39	31.49	2.86	-	1.25
Horse beans.....	1,510.30	52.50	13.75	21.25	12.5	-	-
Field peas.....	360.70	-	-	-	-	-	-
Haricot beans white.	2,743.20	55.00	13.75	31.25	-	-	-
Haricot beans red...	216,700.40	50.72	13.36	32.04	2.5	-	1.38
Chick-peas Red.....	1,287.30	-	-	-	-	-	-
Chick-peas White....	8,978.60	25.83	6.67	53.33	0.83	12.5	0.83
Lentils.....	60.10	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/"Masho"...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	6.60	-	-	100	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	6.60	-	-	100	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	50,963.10	69.30	-	26.6	0.76	-	3.34
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	272.80	30.00	-	70	-	-	-
Ethiopian Cabbage...	38,464.80	69.48	-	26.25	0.79	-	3.48
Tomatoes.....	412.90	-	-	100	-	-	-
Green peppers.....	11,812.60	100.00	-	-	-	-	-
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	198,577.30	81.94	1.77	14.68	0.32	1.29	-
Beetroot.....	126.20	-	-	100	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	10,778.10	34.41	2.94	59.41	0.88	-	2.4
Potatoes.....	2,507.20	82.50	17.5	-	-	-	-
Yam.....	51.60	87.78	1.11	6.67	-	-	4.4
Garlic.....	304.50	20.00	10	70	-	-	-
Taro/'Godere'.....	16,105.70	96.67	-	3.33	-	-	-
Sweet potatoes.....	168,704.00	74.69	0.63	21.56	0.63	2.5	-
Permanent Crops.....	1,043,126.56	43.29	0.4	53.26	0.53	0.97	1.55
Avocados.....	3,709.50	25.63	-	71.25	-	-	3.13
Bananas.....	84,384.80	25.42	-	74.58	-	-	-
Guavas.....	45.30	100.00	-	-	-	-	-
Lemons.....	1,161.20	10.00	-	90	-	-	-
Mangoes.....	23,385.40	18.44	-	80.94	-	-	0.63
Oranges.....	500.10	15.00	-	85	-	-	-
Papayas.....	22,130.10	46.25	-	53.75	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	4,943.60	-	-	89.33	-	10.67	-
Coffee.....	13,574.60	37.42	1.01	59.6	0.51	-	1.46
Hops/'Gesho'.....	828.00	-	-	100	-	-	-
Sugar cane.....	69,375.60	48.24	-	50	-	1.76	-
Enset.....	819,088.36	70.90	-	23.51	1.23	1.17	3.19

TABLE 1.7.4- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Sidama

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	2,509,846.40	52.54	7.21	36.14	1.02	0.82	2.27
Cereals.....	1,849,846.60	56.99	7.68	30.29	0.94	1.41	2.68
Teff.....	21,412.10	23.33	-	73.33	-	-	3.33
Barley.....	319,828.20	42.45	12.14	40.82	1.43	0.41	2.76
Wheat.....	138,193.90	53.33	15	29.17	2.5	-	-
Maize.....	1,368,991.70	69.36	3.79	20.71	0.43	2.5	3.21
Sorghum.....	-	-	-	-	-	-	-
Finger millet.....	1,420.70	55.00	5	40	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	659,999.80	48.20	6.76	41.83	1.09	0.25	1.87
Horse beans.....	78,048.60	39.63	11.38	40.88	2.5	0.88	4.75
Field peas.....	27,516.10	34.29	10	52.86	-	-	2.86
Haricot beans white.....	169,940.60	51.18	7.5	40.44	-	-	0.88
Haricot beans red.....	384,494.50	53.77	2.95	41.97	0.9	-	0.41
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White.....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'.....	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	-	-	-	-	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	73.13	1.6	20.45	0.52	-	4.29
Vegetables.....	286,175.30	-	-	-	-	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	20.00	-	80	-	-	-
Ethiopian Cabbage.....	266,084.40	76.43	1.35	17.62	0.41	-	4.18
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	19,493.90	21.25	2.5	76.25	-	-	-
Red peppers.....	597.10	52.86	5.71	29.29	2.86	-	9.29
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	973,205.50	-	-	-	-	-	-
Beetroot.....	-	15.00	-	85	-	-	-
Carrot.....	4,635.50	46.67	-	53.33	-	-	-
Onion.....	-	-	-	-	-	-	-
Potatoes.....	60,313.70	49.00	4	43	-	-	4
Yam.....	14,798.60	56.00	6	30	-	-	8
Garlic.....	4,355.40	51.11	5.56	36.67	-	-	6.67
Taro/'Godere'.....	99,519.50	81.67	3.89	8.61	-	-	5.83
Sweet potatoes.....	789,582.90	48.54	3.02	42.08	3.75	0.31	2.29
Permanent Crops.....	51,929,809.86	-	-	-	-	-	-
Avocados.....	301,225.30	28.13	0.34	68.35	0.68	0.23	2.27
Bananas.....	1,100,794.30	28.42	1.09	65.76	0.36	2.01	2.37
Guavas.....	1,413.00	56.67	-	36.67	-	-	6.67
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	23,993.20	32.06	-	64.41	-	-	3.53
Oranges.....	-	-	-	-	-	-	-
Papayas.....	8,905.50	32.50	-	67.5	-	-	-
Pineapples.....	21,483.70	20.00	1.43	75.71	-	-	2.86
Chat.....	524,077.80	1.52	0.22	98.04	0.07	-	0.15
Coffee.....	405,982.20	28.61	0.95	66.26	1.94	0.03	2.21
Hops/'Gesho'.....	-	12.00	-	84	-	-	4
Sugar cane.....	4,649,436.80	14.44	2.13	74.26	0.74	7.31	1.11
Enset.....	44,892,498.06	74.48	-	18.75	1.72	2.4	2.65

TABLE 1.8- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Gambela Region

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	164,543.40	76.22	9.12	13.37	0.28	0.22	0.79
Cereals.....	163,144.10	77.34	8.98	12.35	0.3	0.23	0.79
Teff.....	18.70	42.50	7.5	50	-	-	-
Barley.....	384.70	100.00	-	-	-	-	-
Wheat.....	-	-	-	-	-	-	-
Maize.....	116,391.10	78.13	9.95	10.46	0.3	0.31	0.85
Sorghum.....	39,898.40	78.08	5.62	15.26	0.37	-	0.67
Finger millet.....	-	93.00	2	5	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	6,451.10	57.16	8.95	33.37	-	-	0.53
Pulses.....	277.60	63.75	13.5	22.5	-	-	0.25
Horse beans.....	182.20	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white.....	-	23.33	16.67	60	-	-	-
Haricot beans red.....	-	87.50	12	-	-	-	0.5
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White.....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'....	95.30	90.00	10	-	-	-	-
Gibto.....	-	55.42	10.63	33.13	-	-	0.83
Oilseeds.....	1,121.70	55.42	10.63	33.13	-	-	0.83
Neug.....	-	30.00	30	40	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	747.20	56.52	9.78	32.83	-	-	0.87
Safflower.....	-	-	-	-	-	-	-
Sesame.....	374.50	-	-	-	-	-	-
Rapeseed.....	-	51.38	3.62	41.21	-	-	3.79
Vegetables.....	-	-	-	-	-	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage....	-	55.71	2.38	38.57	-	-	3.33
Tomatoes.....	-	10.00	-	80	-	-	10
Green peppers.....	-	95.00	-	-	-	-	5
Red peppers.....	-	48.75	13.75	36.25	-	-	1.25
Swiss chard.....	-	72.7	1.49	22.98	0.11	-	2.71
Root Crops.....	-	-	-	-	-	-	-
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	-	-	-	-	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	20.00	10	70	-	-	-
Taro/'Godere'.....	-	66.62	1.32	30.26	-	-	1.79
Sweet potatoes.....	-	77.69	1.44	17.31	0.19	-	3.37
Permanent Crops.....	-	-	-	-	-	-	-
Avocados.....	-	50.08	0.25	48.7	0.06	0.01	0.9
Bananas.....	-	44.28	0.06	52.81	0.18	0.12	2.55
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	20.00	-	80	-	-	-
Mangoes.....	-	49.92	0.08	46.94	0.16	-	2.9
Oranges.....	-	14.00	-	81	-	-	5
Papayas.....	-	82.59	0.27	13.13	0.09	-	3.93
Pineapples.....	-	13.33	-	83.33	-	-	3.33
Chat.....	-	0.63	-	99.38	-	-	-
Coffee.....	-	9.87	1.61	87.16	0.34	-	1.01
Hops/'Gesho'.....	-	58.57	0.71	40.71	-	-	-
Sugar cane.....	-	85.59	1.46	11.08	0.19	0.9	0.78
Enset.....	-	-	-	-	-	-	-

TABLE 1.8.1- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Agnuwak

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	29,548.50	71.88	9.23	18.01	0.18	0.09	0.61
Cereals.....	28,358.30	74.47	8.82	15.81	0.19	0.1	0.59
Teff.....	18.70	42.50	7.5	50	-	-	-
Barley.....	-	-	-	-	-	-	-
Wheat.....	-	-	-	-	-	-	-
Maize.....	18,530.40	76.73	9.15	13.2	0.15	0.14	0.62
Sorghum.....	3,358.20	74.45	7.55	16.95	0.5	-	0.55
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	6,451.10	57.16	8.95	33.37	-	-	0.53
Pulses.....	95.30	53.33	16.67	30	-	-	-
Horse beans.....	-	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white.	-	23.33	16.67	60	-	-	-
Haricot beans red...	-	-	-	-	-	-	-
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'...	95.30	90.00	10	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	1,094.80	-	-	-	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	728.60	48.42	10.79	39.74	-	-	1.05
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	7
Vegetables.....	-	-	-	-	-	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	-	40.00	-	53	-	-	7
Tomatoes.....	-	10.00	-	80	-	-	10
Green peppers.....	-	-	-	-	-	-	-
Red peppers.....	-	82.50	12.5	2.5	-	-	2.5
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	-	-	-	-	-	-	-
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	-	-	-	-	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	90.38	2.31	7.31	-	-	-
Sweet potatoes.....	-	85.00	1.83	10.24	0.24	-	2.68
Permanent Crops.....	-	-	-	-	-	-	-
Avocados.....	-	25.00	5	60	-	-	10
Bananas.....	-	52.76	-	45.79	0.26	-	1.18
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	20.00	-	80	-	-	-
Mangoes.....	-	53.54	0.1	44.17	0.21	-	1.98
Oranges.....	-	30.00	-	70	-	-	-
Papayas.....	-	87.33	0.35	8.14	-	-	4.19
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	-	24.58	3.75	68.75	1.67	-	1.25
Hops/'Gescho'.....	-	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.8.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Nuware

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	68,061.50	80.08	11.59	7.28	0.26	-	0.8
Cereals.....	68,061.50	80.08	11.59	7.28	0.26	-	0.8
Teff.....	-	-	-	-	-	-	-
Barley.....	-	-	-	-	-	-	-
Wheat.....	-	-	-	-	-	-	-
Maize.....	68,061.50	80.08	11.59	7.28	0.26	-	0.8
Sorghum.....	-	-	-	-	-	-	-
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	-	-	-	-	-	-	-
Horse beans.....	-	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white.	-	-	-	-	-	-	-
Haricot beans red...	-	-	-	-	-	-	-
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	-	-	-	-	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	-	-	-	-	-	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	-	-	-	-	-	-	-
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	-	-	-	-	-	-	-
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	-	-	-	-	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	55.00	-	30	-	-	15
Permanent Crops.....	-	-	-	-	-	-	-
Avocados.....	-	-	-	-	-	-	-
Bananas.....	-	-	-	-	-	-	-
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	-	-	-	-	-	-	-
Oranges.....	-	-	-	-	-	-	-
Papayas.....	-	-	-	-	-	-	-
Pineapples.....	-	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-	-
Coffee.....	-	-	-	-	-	-	-
Hops/'Gesho'.....	-	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.8.3- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Mezhenger

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	49,039.50	77.50	4.13	15.3	0.81	1.19	1.07
Cereals.....	49,039.50	77.50	4.13	15.3	0.81	1.19	1.07
Teff.....	-	-	-	-	-	-	-
Barley.....	384.70	100.00	-	-	-	-	-
Wheat.....	-	-	-	-	-	-	-
Maize.....	12,661.70	61.07	3	22.5	3.43	7.14	2.86
Sorghum.....	35,993.20	80.22	4.49	14.26	0.29	-	0.74
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	-	-	-	-	-	-	-
Horse beans.....	-	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white.	-	-	-	-	-	-	-
Haricot beans red...	-	-	-	-	-	-	-
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho"...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	-	-	-	-	-	-	-
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	-	-	-	-	-	-	-
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	-	-	-	-	-	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	-	-	-	-	-	-	-
Green peppers.....	-	-	-	-	-	-	-
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	-	-	-	-	-	-	-
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	-	-	-	-	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	51.90	0.71	44.48	-	-	2.9
Sweet potatoes.....	-	49.44	-	46.67	-	-	3.89
Permanent Crops.....	-	-	-	-	-	-	-
Avocados.....	-	50.40	0.19	48.55	0.06	0.01	0.78
Bananas.....	-	34.88	0.12	61.47	0.12	0.23	3.19
Guavas.....	-	-	-	-	-	-	-
Lemons.....	-	-	-	-	-	-	-
Mangoes.....	-	22.22	-	76.11	-	-	1.67
Oranges.....	-	10.00	-	83.75	-	-	6.25
Papayas.....	-	50.00	-	48.13	-	-	1.88
Pineapples.....	-	13.33	-	83.33	-	-	3.33
Chat.....	-	0.63	-	99.38	-	-	-
Coffee.....	-	7.52	1.27	90.11	0.13	-	0.97
Hops/'Gesho'.....	-	58.57	0.71	40.71	-	-	-
Sugar cane.....	-	85.59	1.46	11.08	0.19	0.9	0.78
Enset.....	-	-	-	-	-	-	-

TABLE 1.8.4- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Itang Special Wereda

Type of Crop	Total Production (Quintal)	Percent Utilized		For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed Others
Grain Crops.....	17,711.50	83.50	7.33	7.88	-	- 1.3
Cereals.....	17,684.80	81.47	7.79	9.26	-	- 1.47
Teff.....	-	-	-	-	-	-
Barley.....	-	-	-	-	-	-
Wheat.....	-	-	-	-	-	-
Maize.....	17,137.60	81.47	7.79	9.26	-	- 1.47
Sorghum.....	-	-	-	-	-	-
Finger millet.....	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-
Pulses.....	-	95.00	4	-	-	- 1
Horse beans.....	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-
Haricot beans white.	-	-	-	-	-	-
Haricot beans red...	-	95.00	4	-	-	- 1
Chick-peas Red.....	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-
Mung bean/'Masho'...	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-
Oilseeds.....	18.40	95.00	5	-	-	-
Neug.....	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-
Groundnuts.....	18.40	95.00	5	-	-	-
Safflower.....	-	-	-	-	-	-
Sesame.....	-	-	-	-	-	-
Rapeseed.....	-	-	-	-	-	-
Vegetables.....	-	-	-	-	-	-
Lettuce.....	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-
Ethiopian Cabbage...	-	-	-	-	-	-
Tomatoes.....	-	-	-	-	-	-
Green peppers.....	-	-	-	-	-	-
Red peppers.....	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-
Root Crops.....	-	-	-	-	-	-
Beetroot.....	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-
Onion.....	-	-	-	-	-	-
Potatoes.....	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-
Sweet potatoes.....	-	-	-	-	-	-
Permanent Crops.....	-	-	-	-	-	-
Avocados.....	-	-	-	-	-	-
Bananas.....	-	-	-	-	-	-
Guavas.....	-	-	-	-	-	-
Lemons.....	-	-	-	-	-	-
Mangoes.....	-	10.00	-	80	-	- 10
Oranges.....	-	-	-	-	-	-
Papayas.....	-	94.00	-	-	1	- 5
Pineapples.....	-	-	-	-	-	-
Chat.....	-	-	-	-	-	-
Coffee.....	-	-	-	-	-	-
Hops/'Gesho'.....	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-

TABLE 1.9- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Harari

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	219,535.50	73.85	11.82	10.55	0.32	1.68	1.78
Cereals.....	199,780.30	84.71	10.32	0.58	0.39	2.08	1.91
Teff.....	-	-	-	-	-	-	-
Barley.....	90.10	80.00	15	-	-	-	5
Wheat.....	272.60	87.50	12.5	-	-	-	-
Maize.....	30,968.10	86.34	9.1	0.48	0.34	2	1.73
Sorghum.....	168,449.50	83.57	11.15	0.65	0.44	2.15	2.03
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	258.50	79.71	5	11.18	-	-	4.12
Horse beans.....	-	80.00	-	-	-	-	20
Field peas.....	113.20	88.33	11.67	-	-	-	-
Haricot beans white.....	-	-	-	-	-	-	-
Haricot beans red... ..	145.30	70.71	0.71	27.14	-	-	1.43
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho' ...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	19,496.70	22.50	19.6	57.01	-	-	0.89
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	19,410.90	21.50	19.93	57.73	-	-	0.85
Safflower.....	-	-	-	-	-	-	-
Sesame.....	85.80	52.00	10	36	-	-	2
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	-	-	-	-	-	-	-
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	80.00	-	-	-	-	20
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	-	55.00	-	45	-	-	-
Green peppers.....	-	39.17	-	60	-	-	0.83
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	80.94	1.04	12.4	-	1.77	3.85
Root Crops.....	14,191.20	80.94	1.04	12.4	-	1.77	3.85
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	-	100.00	-	-	-	-	-
Potatoes.....	-	-	-	-	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	14,191.20	80.11	1.09	12.93	-	1.85	4.02
Permanent Crops.....	141,838.00	43.38	0.32	50.05	0.38	0.41	5.45
Avocados.....	-	33.33	30	26.67	-	-	10
Bananas.....	9,278.40	79.32	-	13.85	0.1	0.1	6.61
Guavas.....	-	74.68	-	10.26	0.13	-	14.94
Lemons.....	-	21.00	-	77.17	-	-	1.83
Mangoes.....	45,280.40	45.35	-	49.07	0.06	0.06	5.46
Oranges.....	-	70.00	-	28.33	-	-	1.67
Papayas.....	18,012.70	51.00	-	45.92	-	-	3.08
Pineapples.....	-	-	-	-	-	-	-
Chat.....	68,968.70	28.41	0.15	65.15	0.76	0.85	4.68
Coffee.....	297.90	70.33	3.1	24.27	-	-	2.29
Hops/'Gesho'.....	-	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

TABLE 1.10- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Dire Dawa

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops.....	122,696.70	84.89	8.67	2.38	0.35	1.56	2.14
Cereals.....	120,166.30	88.14	8.29	0.39	0.4	0.74	2.04
Teff.....	-	-	-	-	-	-	-
Barley.....	125.40	67.50	32.5	-	-	-	-
Wheat.....	116.90	71.25	28.75	-	-	-	-
Maize.....	3,804.80	89.34	4	-	1.05	4.16	1.45
Sorghum.....	116,119.20	88.45	8.25	0.44	0.34	0.38	2.15
Finger millet.....	-	-	-	-	-	-	-
Oats/'Aja'.....	-	-	-	-	-	-	-
Rice.....	-	-	-	-	-	-	-
Pulses.....	1,113.90	74.25	8.67	-	-	16.46	0.63
Horse beans.....	-	-	-	-	-	-	-
Field peas.....	-	-	-	-	-	-	-
Haricot beans white.....	864.90	71.16	8.05	-	-	20.79	-
Haricot beans red.....	249.00	86.00	11	-	-	-	3
Chick-peas Red.....	-	-	-	-	-	-	-
Chick-peas White.....	-	-	-	-	-	-	-
Lentils.....	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-
Soya beans.....	-	-	-	-	-	-	-
Fenugreek.....	-	-	-	-	-	-	-
Mung bean/'Masho'...	-	-	-	-	-	-	-
Gibto.....	-	-	-	-	-	-	-
Oilseeds.....	1,416.50	44.60	14.6	35.6	-	-	5.2
Neug.....	-	-	-	-	-	-	-
Linseed.....	-	-	-	-	-	-	-
Groundnuts.....	1,416.50	46.96	14.78	32.61	-	-	5.65
Safflower.....	-	-	-	-	-	-	-
Sesame.....	-	17.50	12.5	70	-	-	-
Rapeseed.....	-	-	-	-	-	-	-
Vegetables.....	139.30	31.25	-	64.17	-	-	4.58
Lettuce.....	-	-	-	-	-	-	-
Head Cabbage.....	-	-	-	-	-	-	-
Ethiopian Cabbage...	-	-	-	-	-	-	-
Tomatoes.....	139.30	8.75	-	90	-	-	1.25
Green peppers.....	-	42.50	-	51.25	-	-	6.25
Red peppers.....	-	-	-	-	-	-	-
Swiss chard.....	-	-	-	-	-	-	-
Root Crops.....	-	-	-	-	-	-	-
Beetroot.....	-	-	-	-	-	-	-
Carrot.....	-	-	-	-	-	-	-
Onion.....	-	24.55	2.73	71.36	-	-	1.36
Potatoes.....	-	70.00	5	25	-	-	-
Yam.....	-	-	-	-	-	-	-
Garlic.....	-	-	-	-	-	-	-
Taro/'Godere'.....	-	-	-	-	-	-	-
Sweet potatoes.....	-	71.70	2.68	9.38	0.98	13.39	1.88
Permanent Crops.....	5,330.50	31.25	0.47	65.44	0.29	0.01	2.54
Avocados.....	-	-	-	-	-	-	-
Bananas.....	-	16.67	-	81.94	-	-	1.39
Guavas.....	-	24.80	-	69.91	0.71	-	4.57
Lemons.....	-	5.83	-	89.17	-	-	5
Mangoes.....	-	31.90	-	65.6	-	-	2.5
Oranges.....	-	13.64	-	84.55	-	-	1.82
Papayas.....	-	21.22	1.41	74.88	-	-	2.49
Pineapples.....	-	-	-	-	-	-	-
Chat.....	5,031.30	50.67	-	45.68	0.57	0.03	3.05
Coffee.....	299.20	13.50	1.29	84.64	0.07	-	0.5
Hops/'Geshe'.....	-	-	-	-	-	-	-
Sugar cane.....	-	-	-	-	-	-	-
Enset.....	-	-	-	-	-	-	-

3.2 UTILIZATION OF LIVESTOCK PRODUCTS

Data on the utilization of animal products were also collected during the survey to assess product usage experience of holders. The products for which utilization data intended to be collected were milk, egg, honey, meat, hides and skins, wool and by-products such as butter, cheese, and bees wax. It is commonly accepted that these products are often used for household consumption and/or sold to finance the purchase of basic household commodities such as coffee, salt, cooking oil, sugar, etc. The products are sometimes used as payments and gifts to others. The survey data on the utilization of animal products in the rural areas are presented in Summary Table 2 and it reveals that of the total annual milk production, 49.33 percent was used for household consumption, 9.45 percent was sold, only 0.55 percent was used for wages in kind and the rest 40.67 Percent was used for other purposes (could be for the production of **butter, Cheese,** and the likes). With respect to the utilization of butter, 56.17 percent of the produce was used for household consumption although considerable portion (36.67 percent) was sold. Most of the total Cheese produced was used for household consumption that is about 75.16 percent, 18.61 percent was sold and the rest 0.43 percent was used for wage in kind and other purposes, which are indicated in the table.

Of the total honey production, about 37.13 percent was used for household consumption, about 58.46 percent was sold, and less than 1 percent of the honey production was used as payment (wage) in the country. On the other hand, 40.10 percent of the wax produced in the country was used as household consumption while 22.60 percent was used for sale.

Concerning utilization of egg production, 30.36 percent of the total egg production was used for household consumption while 46.63 percent of the total egg production was used for sale. One fifth of the egg production in the country (that is about 22.75 percent) was used for other purposes and that could be for hatching. Holder's utilization practices on hides and skins were also assessed and the results showed that the products are mainly used for sale and household consumption (See Summary Table 2).

SUMMARY TABLE 2: Livestock Product Utilization, 2019/20(2012 E.C)

National

Type of Product	Total %	Percent of Product Utilized for:			
		Household Consumption	Sale	Wages in Kind	Other
Milk.....	100.00	49.33	9.45	0.55	40.67
Butter.....	100.00	56.17	36.67	0.58	6.58
Cheese.....	100.00	75.16	18.61	0.43	5.80
Beef.....	100.00	52.25	34.19	1.79	11.77
Mutton/Goat Meat.....	100.00	84.31	4.67	0.50	10.52
Eggs.....	100.00	30.36	46.63	0.26	22.75
Honey.....	100.00	37.13	58.46	0.49	3.92
Wax.....	100.00	40.10	22.60	0.37	36.93
Sheep Hair.....	100.00	43.05	30.35	1.15	25.45
Skin.....	100.00	50.98	22.09	0.39	26.54
Hide.....	100.00	64.16	15.96	0.28	19.60
Arera.....	100.00	59.09	3.11	0.59	37.21
Camel Meat.....	100.00	47.54	30.17	0.87	21.42

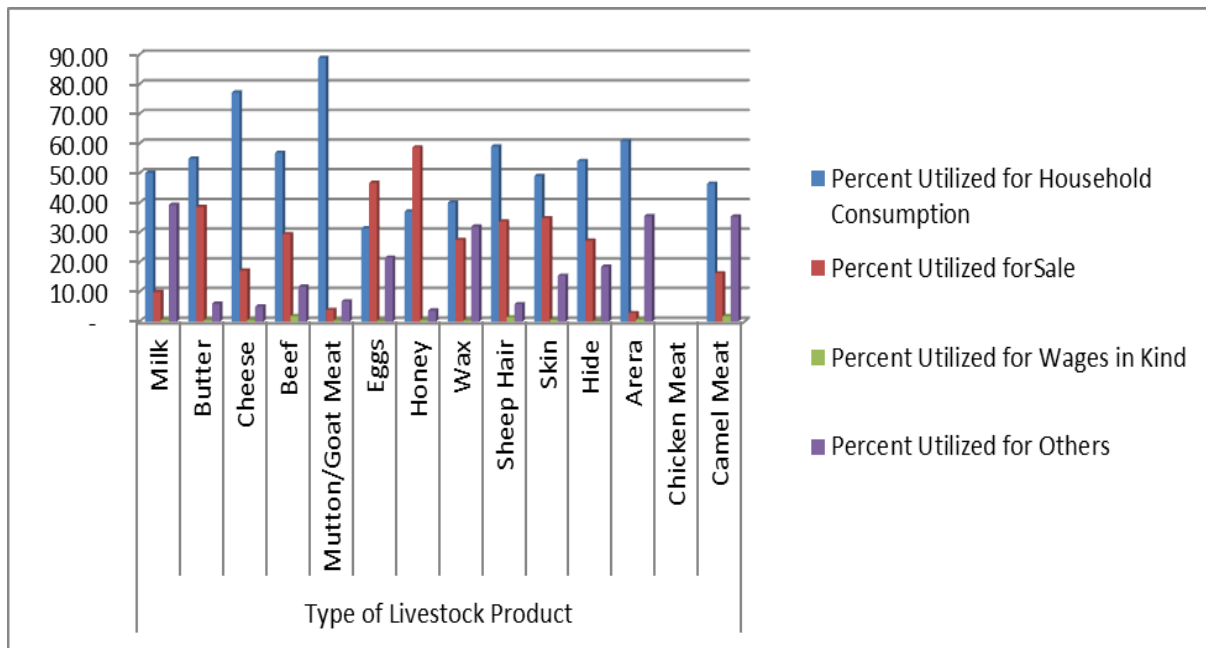


Figure 2: Percentages of Livestock product utilization

**Table 2.1 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Tigray Region**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	44.21	2.80	0.68	52.31
Butter.....	100.00	63.59	27.51	0.36	8.54
Cheese.....	100.00	94.38	0.23	0.58	4.81
Beef.....	100.00	57.25	39.10	0.58	3.07
Mutton/Goat Meat.....	100.00	88.72	6.51	0.53	4.24
Eggs.....	100.00	40.19	49.47	0.14	10.20
Honey.....	100.00	29.52	65.41	0.35	4.72
Wax.....	100.00	49.30	26.86	0.77	23.07
Sheep Hair.....	100.00	65.00	35.00	-	-
Skin.....	100.00	48.50	50.10	0.14	1.26
Hide.....	100.00	51.22	46.14	0.27	2.37
Arera.....	100.00	76.86	0.28	0.60	22.26
Camel Meat.....	100.00	100.00	-	-	-

**Table 2.1.1 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
North West Tigray**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	46.47	2.58	0.97	49.98
Butter.....	100.00	73.44	18.50	0.34	7.72
Cheese.....	100.00	96.51	0.39	0.32	2.78
Beef.....	100.00	29.75	54.00	1.67	14.58
Mutton/Goat Meat.....	100.00	82.01	11.76	0.34	5.89
Eggs.....	100.00	43.97	34.62	0.14	21.27
Honey.....	100.00	23.23	72.56	-	4.21
Wax.....	100.00	53.57	3.57	-	42.86
Sheep Hair.....	100.00	50.00	50.00	-	-
Skin.....	100.00	45.45	54.55	-	-
Hide.....	100.00	42.69	52.63	0.09	4.59
Arera.....	100.00	77.77	0.45	0.47	21.31
Camel Meat.....	100.00	100.00	-	-	-

**Table 2.1.2 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Central Tigray**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	99.99	57.51	2.02	0.05	40.41
Butter.....	100.00	74.12	17.45	0.24	8.19
Cheese.....	99.99	94.79	0.08	-	5.12
Beef.....	100.00	88.04	11.96	-	-
Mutton/Goat Meat.....	99.99	91.69	5.11	0.40	2.79
Eggs.....	100.01	41.88	47.21	0.04	10.88
Honey.....	100.00	29.12	65.07	-	5.81
Wax.....	100.00	74.12	25.29	-	0.59
Sheep Hair.....	100.00	100.00	-	-	-
Skin.....	100.00	18.57	81.07	-	0.36
Hide.....	100.00	85.42	14.46	-	0.12
Arera.....	100.01	82.17	0.17	0.17	17.50
Camel Meat.....	-	-	-	-	-

**Table 2.1.3 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
East Tigray**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.01	33.56	3.74	0.71	62.00
Butter.....	100.00	53.62	33.10	0.83	12.45
Cheese.....	100.00	97.45	0.32	0.70	1.53
Beef.....	100.00	100.00	-	-	-
Mutton/Goat Meat.....	99.99	90.32	4.90	1.37	3.40
Eggs.....	100.00	31.44	65.96	0.08	2.52
Honey.....	100.00	23.33	71.88	0.48	4.31
Wax.....	100.00	17.50	30.00	-	52.50
Sheep Hair.....	100.00	10.00	90.00	-	-
Skin.....	100.00	30.00	70.00	-	-
Hide.....	100.00	55.98	42.93	1.09	-
Arera.....	99.99	82.50	0.23	0.50	16.76
Camel Meat.....	-	-	-	-	-

**Table 2.1.4 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
South Tigray**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	30.63	3.51	0.04	65.82
Butter.....	99.99	55.05	40.17	0.04	4.73
Cheese.....	100.01	98.55	-	0.03	1.43
Beef.....	100.00	42.50	55.00	-	2.50
Mutton/Goat Meat.....	100.00	95.51	1.47	-	3.02
Eggs.....	100.00	34.40	57.99	0.07	7.54
Honey.....	100.01	29.88	66.60	0.13	3.40
Wax.....	100.00	33.50	48.00	5.50	13.00
Sheep Hair.....	100.00	100.00	-	-	-
Skin.....	100.00	58.05	41.95	-	-
Hide.....	100.00	57.55	42.45	-	-
Arera.....	100.00	84.08	-	0.04	15.88
Camel Meat.....	-	-	-	-	-

**Table 2.1.5 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Western Tigray**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	53.79	1.19	1.09	43.93
Butter.....	100.00	62.83	24.09	0.47	12.61
Cheese.....	99.99	89.18	0.11	1.15	9.55
Beef.....	100.00	22.52	74.61	-	2.87
Mutton/Goat Meat.....	99.99	82.38	11.26	0.81	5.54
Eggs.....	100.00	51.49	34.88	0.23	13.40
Honey.....	99.99	27.16	65.16	0.82	6.85
Wax.....	100.00	60.00	40.00	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	50.50	44.67	0.50	4.33
Hide.....	100.00	36.25	56.94	0.42	6.39
Arera.....	100.00	69.05	0.30	1.25	29.40
Camel Meat.....	-	-	-	-	-

**Table 2.1.6 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
South East Tigray**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	40.48	4.40	0.87	54.25
Butter.....	99.99	63.76	31.09	0.24	4.90
Cheese.....	100.00	92.40	0.51	0.96	6.13
Beef.....	100.00	86.54	10.77	1.54	1.15
Mutton/Goat Meat.....	100.00	95.69	0.27	0.05	3.99
Eggs.....	100.00	37.40	58.37	0.27	3.96
Honey.....	100.00	44.96	51.78	0.65	2.61
Wax.....	100.01	16.67	18.56	-	64.78
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	62.50	37.50	-	-
Hide.....	100.00	40.95	58.92	-	0.13
Arera.....	100.00	67.62	0.47	1.03	30.88
Camel Meat.....	-	-	-	-	-

**Table 2.2 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Afar Region**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	99.99	81.63	1.49	0.23	16.64
Butter.....	100.01	86.85	5.37	0.35	7.44
Cheese.....	100.00	88.75	7.19	-	4.06
Beef.....	100.00	50.31	2.40	8.33	38.96
Mutton/Goat Meat.....	99.99	83.86	0.11	0.96	15.06
Eggs.....	100.00	53.37	24.74	-	21.89
Honey.....	100.00	51.67	41.28	-	7.05
Wax.....	100.00	77.42	-	-	22.58
Sheep Hair.....	100.00	100.00	-	-	-
Skin.....	99.99	74.34	1.58	0.39	23.68
Hide.....	100.00	80.75	0.24	0.71	18.30
Arera.....	100.00	84.95	0.05	0.62	14.38
Camel Meat.....	100.00	32.25	5.50	4.25	58.00

**Table 2.2.1 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Zone 1**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	80.14	2.36	0.22	17.28
Butter.....	100.00	83.40	6.58	0.44	9.58
Cheese.....	100.00	95.00	-	-	5.00
Beef.....	100.01	58.13	3.13	13.75	25.00
Mutton/Goat Meat.....	100.01	79.39	0.54	1.38	18.70
Eggs.....	100.00	100.00	-	-	-
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	67.65	5.88	-	26.47
Hide.....	100.01	89.40	1.06	1.19	8.36
Arera.....	100.00	82.61	0.11	0.15	17.13
Camel Meat.....	-	-	-	-	-

**Table 2.2.2 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Zone 2**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	87.87	0.19	0.25	11.69
Butter.....	100.00	86.56	3.29	0.81	9.34
Cheese.....	100.00	100.00	-	-	-
Beef.....	100.00	65.00	-	-	35.00
Mutton/Goat Meat.....	100.00	82.65	-	0.76	16.59
Eggs.....	100.00	57.63	35.53	-	6.84
Honey.....	100.00	51.67	41.28	-	7.05
Wax.....	100.00	77.42	-	-	22.58
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	73.08	-	-	26.92
Hide.....	100.00	80.22	-	0.83	18.95
Arera.....	100.00	86.81	-	2.30	10.89
Camel Meat.....	-	-	-	-	-

**Table 2.2.3 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Zone 3**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.01	71.34	3.96	0.03	24.68
Butter.....	100.00	83.21	12.02	-	4.77
Cheese.....	100.00	77.27	19.09	-	3.64
Beef.....	100.01	54.17	7.50	21.67	16.67
Mutton/Goat Meat.....	100.00	91.14	-	1.41	7.45
Eggs.....	100.01	64.20	15.18	-	20.63
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	100.00	-	-	-
Hide.....	100.00	80.76	-	-	19.24
Chicken Meat.....	100.00	83.38	0.08	-	16.54
Camel Meat.....	-	-	-	-	-

**Table 2.2.4 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Zone 4**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
100.00	86.81	1.00	0.16	12.03	100.00
Milk.....	100.00	86.81	1.00	0.16	12.03
Butter.....	100.00	91.00	1.94	0.61	6.45
Cheese.....	100.00	100.00	-	-	-
Beef.....	100.00	45.00	-	-	55.00
Mutton/Goat Meat.....	100.00	78.86	-	1.30	19.84
Eggs.....	-	-	-	-	-
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	45.45	-	-	54.55
Hide.....	100.01	86.97	-	1.21	11.83
Arera.....	100.00	89.53	-	0.49	9.98
Chicken Meat.....	-	-	-	-	-

**Table 2.2.5 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Zone 5**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	79.87	0.57	0.46	19.10
Butter.....	100.00	91.31	0.67	0.23	7.79
Cheese.....	100.01	93.64	1.82	-	4.55
Beef.....	100.00	37.86	-	2.14	60.00
Mutton/Goat Meat.....	100.00	86.05	0.08	0.18	13.69
Eggs.....	100.00	20.00	40.91	-	39.09
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	100.00	100.00	-	-	-
Skin.....	99.99	50.00	2.22	3.33	44.44
Hide.....	99.99	68.57	0.12	0.03	31.27
Arera.....	100.00	84.97	0.03	0.72	14.28
Camel Meat.....	-	-	-	-	-

**Table 2.3 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Amhara Region**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	32.42	0.96	0.47	66.15
Butter.....	100.00	58.65	34.44	0.20	6.71
Cheese.....	100.00	93.78	0.43	0.20	5.59
Beef.....	100.00	66.95	20.06	0.44	12.55
Mutton/Goat Meat.....	100.00	93.21	1.20	0.24	5.35
Eggs.....	100.00	24.17	46.41	0.15	29.27
Honey.....	100.00	39.45	56.15	0.31	4.09
Wax.....	100.00	33.18	29.77	0.82	36.23
Sheep Hair.....	100.00	48.36	31.15	-	20.49
Skin.....	100.00	77.89	19.19	0.09	2.83
Hide.....	100.00	77.67	17.74	0.03	4.56
Arera.....	100.01	45.93	0.10	0.24	53.74
Camel Meat.....	100.00	47.50	17.50	-	35.00

**Table 2.3.1 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
North Gonder**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	35.69	0.37	0.27	63.67
Butter.....	99.99	66.43	26.54	0.13	6.89
Cheese.....	100.00	92.19	-	0.12	7.69
Beef.....	100.00	10.00	-	-	90.00
Mutton/Goat Meat.....	100.01	94.13	0.71	-	5.17
Eggs.....	100.00	24.98	26.66	0.01	48.35
Honey.....	100.00	36.40	56.68	-	6.92
Wax.....	100.01	25.09	19.43	-	55.49
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	92.31	7.69	-	-
Hide.....	100.01	83.47	9.19	-	7.35
Arera.....	100.00	34.20	0.10	0.12	65.58
Camel Meat.....	-	-	-	-	-

**Table 2.3.2 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
South Gonder**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.01	28.64	0.21	0.03	71.13
Butter.....	100.00	59.82	32.04	0.04	8.10
Cheese.....	99.99	94.97	-	0.18	4.84
Beef.....	100.01	69.17	24.17	0.50	6.17
Mutton/Goat Meat.....	100.00	89.81	0.66	0.13	9.40
Eggs.....	100.00	18.61	52.51	0.06	28.82
Honey.....	100.00	41.48	54.89	0.12	3.51
Wax.....	100.01	40.19	35.56	-	24.26
Sheep Hair.....	100.00	100.00	-	-	-
Skin.....	100.00	89.42	9.88	0.58	0.12
Hide.....	99.99	87.95	10.43	-	1.61
Arera.....	100.00	25.39	-	0.17	74.44
Camel Meat.....	-	-	-	-	-

**Table 2.3.3 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
North Wolo**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	28.30	0.27	0.47	70.96
Butter.....	100.00	45.11	50.81	0.05	4.03
Cheese.....	100.00	97.43	-	-	2.57
Beef.....	100.00	60.00	-	-	40.00
Mutton/Goat Meat.....	100.00	96.90	-	0.08	3.02
Eggs.....	99.99	23.87	57.35	0.10	18.67
Honey.....	100.00	34.88	62.03	0.43	2.66
Wax.....	100.00	25.33	26.67	-	48.00
Sheep Hair.....	100.00	52.94	-	-	47.06
Skin.....	99.99	57.27	42.42	-	0.30
Hide.....	100.00	79.61	18.25	-	2.14
Arera.....	100.00	72.83	-	0.09	27.08
Camel Meat.....	-	-	-	-	-

**Table 2.3.4 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
South Wolo**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	38.73	1.92	0.39	58.96
Butter.....	100.01	59.58	35.99	0.24	4.20
Cheese.....	100.00	97.88	0.13	-	1.99
Beef.....	99.99	42.08	28.33	-	29.58
Mutton/Goat Meat.....	100.01	87.95	0.84	0.48	10.74
Eggs.....	99.99	26.89	62.30	0.14	10.66
Honey.....	100.01	60.99	35.61	-	3.41
Wax.....	100.00	31.43	15.71	-	52.86
Sheep Hair.....	100.00	96.43	3.57	-	-
Skin.....	100.00	80.00	20.00	-	-
Hide.....	100.00	62.08	32.74	-	5.18
Arera.....	100.00	87.18	0.10	0.42	12.30
Camel Meat.....	-	-	-	-	-

**Table 2.3.5 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
North Shewa**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	34.40	5.57	0.22	59.81
Butter.....	99.99	43.76	47.14	0.38	8.71
Cheese.....	100.01	90.05	2.62	0.06	7.28
Beef.....	100.00	77.35	17.06	-	5.59
Mutton/Goat Meat.....	100.00	95.96	1.96	-	2.08
Eggs.....	99.99	33.41	57.50	0.50	8.58
Honey.....	100.00	52.60	41.25	0.38	5.77
Wax.....	100.00	30.00	2.00	6.00	62.00
Sheep Hair.....	100.00	11.54	71.15	-	17.31
Skin.....	100.00	55.00	45.00	-	-
Hide.....	100.00	82.15	11.15	-	6.70
Arera.....	100.00	46.04	0.30	0.51	53.15
Camel Meat.....	-	-	-	-	-
Milk.....	100.00	20.00	70.00	-	10.00

**Table 2.3.6 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
East Gojam**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	28.34	-	0.16	71.50
Butter.....	100.00	68.20	24.64	0.11	7.05
Cheese.....	100.00	91.61	-	0.17	8.22
Beef.....	99.99	94.71	-	0.71	4.57
Mutton/Goat Meat.....	100.01	98.62	0.15	0.38	0.86
Eggs.....	100.00	23.93	63.74	0.06	12.27
Honey.....	100.00	38.41	59.20	0.22	2.17
Wax.....	100.01	53.13	9.38	-	37.50
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	75.71	24.29	-	-
Hide.....	100.00	78.98	19.71	-	1.31
Arera.....	100.00	31.48	0.20	0.41	67.91
Camel Meat.....	-	-	-	-	-

**Table 2.3.7 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
West Gojam**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	24.91	0.44	0.29	74.36
Butter.....	100.00	74.25	21.59	-	4.16
Cheese.....	100.00	94.57	0.23	0.02	5.18
Beef.....	100.01	56.67	29.17	-	14.17
Mutton/Goat Meat.....	100.00	97.30	-	-	2.70
Eggs.....	100.00	20.37	33.95	0.22	45.46
Honey.....	100.00	44.18	53.67	0.44	1.71
Wax.....	100.01	47.65	34.12	-	18.24
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	72.58	11.29	-	16.13
Hide.....	100.00	90.77	6.54	-	2.69
Arera.....	99.99	20.81	0.11	0.02	79.05
Camel Meat.....	-	-	-	-	-

**Table 2.3.8 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Waghamera**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	42.10	-	0.70	57.20
Butter.....	100.00	56.72	36.52	0.76	6.00
Cheese.....	100.00	96.40	0.19	0.47	2.94
Beef.....	100.00	25.73	64.93	1.67	7.67
Mutton/Goat Meat.....	100.00	89.46	1.16	0.93	8.45
Eggs.....	100.00	16.53	67.60	0.41	15.46
Honey.....	100.00	24.72	70.41	0.55	4.32
Wax.....	100.00	29.52	30.48	1.83	38.17
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	80.00	14.76	-	5.24
Hide.....	100.00	77.16	19.01	0.33	3.50
Arera.....	99.99	76.89	0.63	0.53	21.94
Camel Meat.....	-	-	-	-	-

**Table 2.3.9 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Awi**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	33.89	0.76	0.56	64.79
Butter.....	100.00	54.73	40.39	0.07	4.81
Cheese.....	100.00	96.03	2.20	-	1.77
Beef.....	100.00	76.67	10.00	-	13.33
Mutton/Goat Meat.....	100.00	92.74	6.96	-	0.30
Eggs.....	100.01	17.74	45.02	-	37.25
Honey.....	100.00	37.46	60.62	-	1.92
Wax.....	100.01	53.10	23.81	-	23.10
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	84.76	12.86	-	2.38
Hide.....	99.99	71.87	24.44	-	3.68
Arera.....	100.00	42.79	-	-	57.21
Camel Meat.....	-	-	-	-	-

**Table 2.3.10 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Oromia Zone**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	38.50	3.08	1.01	57.41
Butter.....	100.00	47.65	46.93	0.23	5.19
Cheese.....	100.00	92.72	-	-	7.28
Beef.....	100.00	55.00	45.00	-	-
Mutton/Goat Meat.....	100.00	81.50	2.83	3.04	12.63
Eggs.....	99.99	34.86	42.33	0.07	22.73
Honey.....	100.00	38.00	52.63	-	9.37
Wax.....	100.00	95.00	2.50	-	2.50
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	30.00	70.00	-	-
Hide.....	100.00	56.06	40.91	-	3.03
Arera.....	100.00	84.76	-	-	15.24
Camel Meat.....	-	-	-	-	-

**Table 2.3.11 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Maekelawi Gonder**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	99.99	26.68	0.10	0.85	72.36
Butter.....	100.01	57.25	31.84	0.24	10.68
Cheese.....	100.00	94.58	0.09	0.27	5.06
Beef.....	100.00	20.00	-	-	80.00
Mutton/Goat Meat.....	100.00	93.92	-	-	6.08
Eggs.....	100.00	24.47	33.66	0.07	41.80
Honey.....	100.00	35.21	59.18	0.68	4.93
Wax.....	100.00	22.10	46.77	3.23	27.90
Sheep Hair.....	100.00	100.00	-	-	-
Skin.....	100.00	100.00	-	-	-
Hide.....	100.00	74.02	20.92	-	5.06
Arera.....	100.00	28.97	-	0.38	70.65
Camel Meat.....	-	-	-	-	-

**Table 2.3.12 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
West Gonder**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	39.30	0.77	0.69	59.24
Butter.....	100.00	56.68	33.95	0.49	8.88
Cheese.....	99.99	89.33	0.04	0.76	9.86
Beef.....	100.00	87.50	-	-	12.50
Mutton/Goat Meat.....	100.00	90.28	0.46	0.30	8.96
Eggs.....	99.99	26.59	20.36	0.10	52.94
Honey.....	99.99	30.71	62.57	0.63	6.08
Wax.....	100.00	17.21	34.88	-	47.91
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	97.73	-	-	2.27
Hide.....	100.01	60.00	24.84	0.04	15.13
Arera.....	99.99	41.91	0.01	0.34	57.73
Camel Meat.....	-	-	-	-	-

**Table 2.4 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Oromia Region**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	44.51	9.37	0.29	45.83
Butter.....	99.99	51.37	41.39	0.51	6.72
Cheese.....	100.01	75.35	16.59	0.32	7.75
Beef.....	99.99	49.22	37.71	2.00	11.06
Mutton/Goat Meat.....	100.01	84.13	9.27	0.36	6.25
Eggs.....	100.00	30.61	50.69	0.32	18.38
Honey.....	100.01	39.71	55.39	0.70	4.21
Wax.....	99.99	34.09	24.18	0.15	41.57
Sheep Hair.....	100.00	14.60	29.80	4.60	51.00
Skin.....	99.99	51.55	32.96	0.42	15.06
Hide.....	100.00	59.30	24.41	0.08	16.21
Arera.....	100.00	65.68	2.33	0.48	31.51
Camel Meat.....	100.00	63.69	26.54	-	9.77

**Table 2.4.1 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
West Welega**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	8.41	1.97	-	89.62
Butter.....	100.00	44.23	51.41	-	4.36
Cheese.....	100.00	93.50	-	-	6.50
Beef.....	-	-	-	-	-
Mutton/Goat Meat.....	-	-	-	-	-
Eggs.....	99.99	23.96	47.79	0.63	27.61
Honey.....	100.00	20.00	75.91	-	4.09
Wax.....	100.00	20.67	71.33	-	8.00
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	-	-	-	-	-
Arera.....	100.00	51.90	-	-	48.10
Camel Meat.....	-	-	-	-	-

**Table 2.4.2 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
East Welega**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	15.37	-	-	84.63
Butter.....	100.00	46.46	49.68	-	3.86
Cheese.....	100.00	81.73	0.04	-	18.23
Beef.....	100.00	100.00	-	-	-
Mutton/Goat Meat.....	100.00	94.29	2.38	-	3.33
Eggs.....	100.01	26.24	37.88	0.21	35.68
Honey.....	100.00	39.88	56.89	0.02	3.21
Wax.....	100.00	11.69	34.39	-	53.92
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	-	94.12	-	5.88
Hide.....	100.00	50.00	-	-	50.00
Arera.....	100.00	66.86	-	-	33.14
Camel Meat.....	-	-	-	-	-

**Table 2.4.3 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Illubabor**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.01	46.32	8.08	0.85	44.76
Butter.....	100.00	50.58	41.19	0.93	7.30
Cheese.....	100.00	83.51	10.13	1.07	5.29
Beef.....	100.00	17.00	75.00	3.00	5.00
Mutton/Goat Meat.....	100.00	56.79	35.71	2.32	5.18
Eggs.....	99.99	28.07	53.84	1.04	17.04
Honey.....	99.99	26.63	66.57	3.48	3.31
Wax.....	100.00	9.41	70.00	0.59	20.00
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	100.00	11.11	66.67	-	22.22
Arera.....	100.01	68.75	1.00	1.00	29.26
Camel Meat.....	-	-	-	-	-

**Table 2.4.4 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Jimma**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	99.99	36.09	1.79	0.17	61.94
Butter.....	100.00	56.12	34.86	0.19	8.83
Cheese.....	99.99	71.97	21.57	0.25	6.20
Beef.....	100.00	38.00	42.00	-	20.00
Mutton/Goat Meat.....	100.00	76.03	15.52	-	8.45
Eggs.....	100.01	34.09	45.85	0.07	20.00
Honey.....	100.00	48.47	44.26	0.51	6.76
Wax.....	100.00	51.79	7.14	-	41.07
Sheep Hair.....	100.00	-	33.33	-	66.67
Skin.....	100.00	20.00	40.00	-	40.00
Hide.....	100.00	59.72	22.22	-	18.06
Arera.....	100.00	51.21	4.92	0.15	43.72
Camel Meat.....	-	-	-	-	-

**Table 2.4.5 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
West Shewa**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	19.74	1.69	-	78.57
Butter.....	100.00	48.18	46.52	-	5.30
Cheese.....	100.00	90.70	3.12	0.03	6.15
Beef.....	100.00	22.86	25.71	-	51.43
Mutton/Goat Meat.....	100.00	93.70	5.74	-	0.56
Eggs.....	100.00	41.74	45.54	-	12.72
Honey.....	100.00	45.91	51.73	-	2.36
Wax.....	100.00	47.22	0.11	-	52.67
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	40.00	50.00	-	10.00
Hide.....	100.00	48.40	17.60	-	34.00
Arera.....	100.01	64.42	0.26	0.18	35.15
Camel Meat.....	-	-	-	-	-

**Table 2.4.6 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
North Shewa**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.01	35.33	5.15	0.04	59.49
Butter.....	100.00	39.70	52.21	0.62	7.47
Cheese.....	100.00	64.15	30.20	0.02	5.63
Beef.....	100.01	62.06	22.06	4.71	11.18
Mutton/Goat Meat.....	100.00	94.69	1.28	-	4.03
Eggs.....	99.99	27.19	68.92	0.38	3.50
Honey.....	99.99	42.27	51.59	0.45	5.68
Wax.....	100.00	45.71	11.43	-	42.86
Sheep Hair.....	100.00	12.50	12.50	-	75.00
Skin.....	99.99	60.78	30.29	-	8.92
Hide.....	100.00	69.73	29.32	0.27	0.68
Arera.....	100.01	48.29	1.22	0.15	50.35
Camel Meat.....	100.00	25.00	75.00	-	-

**Table 2.4.7 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
East Shewa**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	44.39	5.34	-	50.27
Butter.....	100.01	46.27	47.49	0.11	6.14
Cheese.....	100.00	71.08	24.56	0.07	4.29
Beef.....	100.00	100.00	-	-	-
Mutton/Goat Meat.....	100.00	97.93	-	-	2.07
Eggs.....	100.00	27.56	58.01	-	14.43
Honey.....	100.00	62.50	37.50	-	-
Wax.....	100.00	100.00	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	100.00	81.43	13.81	-	4.76
Arera.....	100.00	53.57	-	0.12	46.31
Camel Meat.....	-	-	-	-	-

**Table 2.4.8 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Arsi**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	57.23	3.77	0.95	38.05
Butter.....	100.01	51.90	38.70	1.35	8.06
Cheese.....	100.01	56.47	34.10	0.54	8.90
Beef.....	100.00	31.60	39.60	11.80	17.00
Mutton/Goat Meat.....	100.00	58.10	24.72	5.77	11.41
Eggs.....	100.00	37.81	52.09	1.71	8.39
Honey.....	100.01	44.21	47.11	4.74	3.95
Wax.....	-	-	-	-	-
Sheep Hair.....	100.00	10.00	35.00	55.00	-
Skin.....	100.00	-	93.33	-	6.67
Hide.....	100.00	11.25	63.75	-	25.00
Arera.....	100.01	65.47	1.30	0.23	33.01
Camel meat.....	-	-	-	-	-

**Table 2.4.9 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
West Harerge**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	64.48	19.03	0.48	16.01
Butter.....	100.00	66.26	24.94	0.42	8.38
Cheese.....	100.00	94.33	4.67	-	1.00
Beef.....	100.00	10.95	82.38	-	6.67
Mutton/Goat Meat.....	100.00	55.58	35.77	-	8.65
Eggs.....	100.00	27.49	42.96	0.61	28.94
Honey.....	100.00	38.78	54.35	0.43	6.44
Wax.....	100.00	-	-	-	100.00
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	-	-	-	100.00
Hide.....	100.00	33.33	16.67	-	50.00
Arera.....	100.01	87.48	3.91	0.20	8.42
Camel Meat.....	-	-	-	-	-

**Table 2.4.10 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
East Harerge**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	62.70	29.81	0.01	7.48
Butter.....	99.99	59.69	31.73	-	8.57
Cheese.....	100.00	100.00	-	-	-
Beef.....	100.00	8.33	91.67	-	-
Mutton/Goat Meat.....	100.00	64.54	18.89	-	16.57
Eggs.....	100.00	17.45	67.78	0.05	14.72
Honey.....	100.01	37.67	56.78	-	5.56
Wax.....	100.00	100.00	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	10.00	-	-	90.00
Hide.....	100.00	9.09	-	-	90.91
Arera.....	100.00	95.90	1.28	-	2.82
Camel Meat.....	-	-	-	-	-

**Table 2.4.11 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Bale**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	72.52	9.34	0.34	17.80
Butter.....	100.00	66.49	25.85	1.14	6.52
Cheese.....	99.99	68.73	20.21	4.08	6.97
Beef.....	100.00	91.11	-	-	8.89
Mutton/Goat Meat.....	100.00	91.94	-	-	8.06
Eggs.....	100.00	32.34	56.61	0.35	10.70
Honey.....	100.00	32.67	60.71	0.43	6.19
Wax.....	100.00	63.57	6.14	-	30.29
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	81.30	14.81	-	3.89
Hide.....	100.00	88.10	7.90	-	4.00
Arera.....	100.00	87.82	2.29	1.27	8.62
Camel Meat.....	100.00	96.50	-	-	3.50

**Table 2.4.12 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Borena**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	58.63	23.15	0.65	17.57
Butter.....	100.00	52.33	42.73	0.56	4.38
Cheese.....	100.00	73.05	22.22	0.15	4.58
Beef.....	100.01	54.94	39.49	0.32	5.26
Mutton/Goat Meat.....	100.00	72.88	18.76	0.31	8.05
Eggs.....	100.00	24.19	58.52	-	17.29
Honey.....	100.00	46.65	49.24	0.57	3.54
Wax.....	100.00	57.78	37.50	2.22	2.50
Sheep Hair.....	100.00	35.00	55.00	-	10.00
Skin.....	100.00	71.16	21.85	-	6.99
Hide.....	100.00	73.73	25.56	-	0.71
Arera.....	100.00	90.79	3.66	0.50	5.05
Camel Meat.....	100.00	54.29	38.57	-	7.14

**Table 2.4.13 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
South West Shewa**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	35.99	0.86	0.34	62.81
Butter.....	100.00	57.65	37.24	0.22	4.89
Cheese.....	100.00	76.88	19.08	0.14	3.90
Beef.....	100.00	80.31	9.06	0.94	9.69
Mutton/Goat Meat.....	100.00	94.43	3.30	-	2.27
Eggs.....	100.00	38.62	53.23	0.19	7.96
Honey.....	100.01	39.22	58.22	0.39	2.18
Wax.....	100.00	70.00	-	-	30.00
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	16.67	8.33	8.33	66.67
Hide.....	100.00	48.15	18.52	-	33.33
Arera.....	100.00	62.39	0.19	0.79	36.63
Camel Meat.....	-	-	-	-	-

**Table 2.4.14 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Guji**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	62.61	20.32	0.34	16.73
Butter.....	100.00	52.41	35.93	1.19	10.47
Cheese.....	100.00	76.03	18.97	2.50	2.50
Beef.....	100.00	17.50	77.50	2.50	2.50
Mutton/Goat Meat.....	100.00	98.24	-	-	1.76
Eggs.....	100.00	37.61	42.02	0.70	19.67
Honey.....	100.00	38.55	57.70	1.92	1.83
Wax.....	100.00	25.00	75.00	-	-
Sheep Hair.....	100.00	17.14	65.00	8.57	9.29
Skin.....	100.00	72.00	26.00	1.00	1.00
Hide.....	-	-	-	-	-
Arera.....	100.00	69.35	19.41	0.84	10.40
Camel Meat.....	-	-	-	-	-
Milk.....	-	-	-	-	-

**Table 2.4.15 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
West Guji**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	52.09	20.18	0.18	27.55
Butter.....	100.00	53.49	43.68	0.13	2.70
Cheese.....	100.00	95.38	-	0.77	3.85
Beef.....	100.00	13.75	40.25	-	46.00
Mutton/Goat Meat.....	100.00	81.78	6.89	0.37	10.96
Eggs.....	100.00	31.35	57.90	-	10.75
Honey.....	99.99	35.81	63.37	-	0.81
Wax.....	100.00	100.00	-	-	-
Sheep Hair.....	100.00	-	-	-	100.00
Skin.....	100.00	40.00	10.00	-	50.00
Hide.....	100.00	52.38	-	-	47.62
Arera.....	100.00	71.71	26.05	0.33	1.91
Camel Meat.....	-	-	-	-	-

**Table 2.4.16 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Oromia Liyu Zone**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	25.90	20.73	-	53.37
Butter.....	100.00	37.10	55.69	0.02	7.19
Cheese.....	100.00	44.31	50.57	-	5.12
Beef.....	100.00	40.00	58.33	-	1.67
Mutton/Goat Meat.....	100.00	91.77	6.04	0.05	2.14
Eggs.....	100.00	28.67	64.86	0.04	6.43
Honey.....	100.00	66.54	29.23	-	4.23
Wax.....	100.00	50.00	7.14	-	42.86
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	30.00	20.00	-	50.00
Hide.....	100.00	49.36	21.79	-	28.85
Arera.....	100.00	36.72	0.61	0.24	62.43
Camel Meat.....	-	-	-	-	-

**Table 2.4.17 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
West Arsi**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	62.02	3.58	0.71	33.69
Butter.....	100.00	53.54	36.43	1.18	8.85
Cheese.....	100.01	76.64	11.41	1.25	10.71
Beef.....	100.00	42.12	38.65	3.46	15.77
Mutton/Goat Meat.....	100.01	87.11	4.74	-	8.16
Eggs.....	100.00	35.73	46.21	0.32	17.74
Honey.....	100.01	22.19	68.38	-	9.44
Wax.....	-	-	-	-	-
Sheep Hair.....	100.00	100.00	-	-	-
Skin.....	100.00	32.14	53.57	-	14.29
Hide.....	100.01	62.11	35.53	-	2.37
Arera.....	100.00	82.86	0.97	1.63	14.54
Camel Meat.....	-	-	-	-	-

**Table 2.4.18 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Kelem**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	19.79	0.83	-	79.38
Butter.....	100.00	46.30	49.13	-	4.57
Cheese.....	100.00	88.51	-	-	11.49
Beef.....	-	-	-	-	-
Mutton/Goat Meat.....	100.00	100.00	-	-	-
Eggs.....	100.00	32.58	38.83	-	28.59
Honey.....	100.00	30.79	68.16	-	1.05
Wax.....	100.00	52.94	23.53	-	23.53
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	100.00	-	-	-	100.00
Arera.....	100.00	50.60	-	-	49.40
Camel Meat.....	-	-	-	-	-

**Table 2.4.19 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Horogudru**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	11.11	0.03	0.13	88.73
Butter.....	100.01	47.45	46.42	0.56	5.58
Cheese.....	100.00	90.19	-	-	9.81
Beef.....	100.00	40.00	-	-	60.00
Mutton/Goat Meat.....	100.00	89.74	2.63	-	7.63
Eggs.....	100.00	24.63	33.11	0.06	42.20
Honey.....	100.00	28.30	69.60	-	2.10
Wax.....	100.00	15.56	29.44	-	55.00
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	83.33	-	-	16.67
Hide.....	100.01	41.94	9.68	-	48.39
Arera.....	99.99	66.77	-	0.36	32.86
Camel Meat.....	-	-	-	-	-

**Table 2.4.20 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Buno Bedele**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	32.41	1.68	-	65.91
Butter.....	100.00	51.16	41.31	0.30	7.23
Cheese.....	100.00	79.86	7.52	0.03	12.59
Beef.....	100.00	10.00	85.00	-	5.00
Mutton/Goat Meat.....	100.00	100.00	-	-	-
Eggs.....	100.01	41.20	44.86	0.19	13.76
Honey.....	99.99	55.70	38.69	-	5.60
Wax.....	100.00	11.03	14.10	-	74.87
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	100.00	100.00	-	-	-
Arera.....	100.01	52.47	0.06	0.28	47.20
Camel Meat.....	-	-	-	-	-

**Table 2.5 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Somali Region**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	67.39	23.87	0.92	7.82
Butter.....	100.00	61.67	28.61	0.89	8.83
Cheese.....	100.00	67.70	12.99	1.21	18.10
Beef.....	99.99	48.79	35.10	0.92	15.18
Mutton/Goat Meat.....	100.01	77.03	5.34	0.41	17.23
Eggs.....	100.00	55.05	30.38	-	14.57
Honey.....	100.00	27.60	65.41	0.13	6.86
Wax.....	100.00	50.00	50.00	-	-
Sheep Hair.....	100.00	100.00	-	-	-
Skin.....	100.00	29.74	3.48	0.04	66.74
Hide.....	100.00	28.13	2.76	0.16	68.95
Arera.....	99.99	70.77	6.89	0.60	21.73
Camel Meat.....	100.00	48.07	33.71	0.58	17.64

Table 2.5.1 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Siti

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	89.20	8.70	0.19	1.91
Butter.....	100.00	100.00	-	-	-
Cheese.....	-	-	-	-	-
Beef.....	100.00	53.57	35.71	2.86	7.86
Mutton/Goat Meat.....	100.00	77.83	8.79	-	13.38
Eggs.....	100.00	81.11	12.22	-	6.67
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	-	-	-	100.00
Hide.....	100.00	0.49	-	-	99.51
Arera.....	100.00	100.00	-	-	-
Camel Meat.....	100.00	30.00	60.00	-	10.00

Table 2.5.2 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Fafan

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	48.49	37.76	2.33	11.42
Butter.....	100.00	39.45	53.64	0.91	6.00
Cheese.....	100.00	50.00	30.00	-	20.00
Beef.....	100.00	26.80	72.00	0.80	0.40
Mutton/Goat Meat.....	100.00	63.84	9.71	1.74	24.71
Eggs.....	100.00	10.26	85.53	-	4.21
Honey.....	100.00	10.00	82.50	-	7.50
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	-	-	-	100.00
Hide.....	99.99	8.77	1.75	-	89.47
Arera.....	100.00	17.00	59.75	1.00	22.25
Camel Meat.....	100.00	21.43	57.14	1.43	20.00

Table 2.5.3 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Jerer

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	67.42	26.47	0.34	5.77
Butter.....	100.00	93.95	6.05	-	-
Cheese.....	-	-	-	-	-
Beef.....	100.00	72.00	-	-	28.00
Mutton/Goat Meat.....	100.00	84.10	0.82	0.44	14.64
Eggs.....	-	-	-	-	-
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	-	-	-	-	-
Arera.....	100.00	100.00	-	-	-
Camel Meat.....	-	-	-	-	-

Table 2.5.4 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Erer

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	61.60	29.18	1.05	8.17
Butter.....	100.00	80.54	1.92	-	17.54
Cheese.....	100.00	86.67	-	-	13.33
Beef.....	100.00	68.50	-	2.92	28.58
Mutton/Goat Meat.....	100.00	80.05	2.14	0.15	17.66
Eggs.....	-	-	-	-	-
Honey.....	100.00	32.11	59.56	0.22	8.11
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	-	-	-	-	-
Arera.....	100.00	75.00	-	-	25.00
Camel Meat.....	100.00	50.91	-	-	49.09

**Table 2.5.5 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Korahe**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	79.46	12.70	0.75	7.09
Butter.....	100.01	85.00	12.88	-	2.13
Cheese.....	100.01	88.46	3.08	3.85	4.62
Beef.....	100.00	75.00	25.00	-	-
Mutton/Goat Meat.....	100.00	72.16	1.64	0.04	26.16
Eggs.....	-	-	-	-	-
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	99.99	74.03	24.19	-	1.77
Hide.....	100.01	9.29	0.05	0.12	90.55
Arera.....	100.01	67.86	29.29	1.43	1.43
Camel Meat.....	-	-	-	-	-

**Table 2.5.6 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Afdar**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	87.09	10.00	-	2.91
Butter.....	-	-	-	-	-
Cheese.....	-	-	-	-	-
Beef.....	-	-	-	-	-
Mutton/Goat Meat.....	100.00	90.00	0.34	-	9.66
Eggs.....	100.00	50.00	12.50	-	37.50
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	100.00	-	-	-
Hide.....	100.00	28.65	-	-	71.35
Arera.....	-	-	-	-	-
Camel Meat.....	-	-	-	-	-

**Table 2.5.7 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Shebele**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	56.24	30.78	1.33	11.65
Butter.....	100.01	58.85	27.14	1.71	12.31
Cheese.....	100.00	60.48	16.35	0.87	22.30
Beef.....	100.00	47.47	40.53	-	12.00
Mutton/Goat Meat.....	100.01	70.29	9.13	1.04	19.55
Eggs.....	99.99	39.33	27.33	-	33.33
Honey.....	-	-	-	-	-
Wax.....	100.00	50.00	50.00	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	99.99	73.73	5.77	-	20.49
Arera.....	100.00	60.43	3.71	0.87	34.99
Camel Meat.....	100.00	25.00	66.25	1.25	7.50

**Table 2.5.8 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Dolo**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	60.20	29.91	1.44	8.45
Butter.....	100.01	81.63	9.42	1.40	7.56
Cheese.....	-	-	-	-	-
Beef.....	100.00	56.25	12.50	6.25	25.00
Mutton/Goat Meat.....	99.99	72.89	8.73	0.46	17.91
Eggs.....	-	-	-	-	-
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	-	-	-	-	-
Arera.....	-	-	-	-	-
Camel Meat.....	100.00	75.00	-	12.50	12.50

**Table 2.5.9 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Liben**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	86.36	9.64	-	4.00
Butter.....	100.00	50.00	48.75	-	1.25
Cheese.....	100.00	100.00	-	-	-
Beef.....	100.00	100.00	-	-	-
Mutton/Goat Meat.....	100.00	85.82	-	0.07	14.11
Eggs.....	100.00	70.00	12.73	-	17.27
Honey.....	100.00	17.17	82.83	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	100.00	100.00	-	-	-
Skin.....	100.00	4.35	-	-	95.65
Hide.....	100.00	7.75	0.21	1.00	91.04
Arera.....	100.00	97.50	-	-	2.50
Camel Meat.....	100.00	100.00	-	-	-

**Table 2.5.10 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Nogob**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	60.55	26.68	0.69	12.08
Butter.....	100.00	50.25	40.89	-	8.86
Cheese.....	100.00	92.50	-	-	7.50
Beef.....	100.00	48.19	33.19	-	18.62
Mutton/Goat Meat.....	99.99	71.46	11.97	0.22	16.34
Eggs.....	-	-	-	-	-
Honey.....	100.00	40.00	50.00	-	10.00
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	95.64	3.45	0.18	0.73
Hide.....	100.01	85.41	10.54	-	4.06
Arera.....	100.00	99.68	-	-	0.32
Camel Meat.....	100.00	46.82	38.43	0.25	14.50

**Table 2.5.11 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Dawa**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	79.18	15.27	0.30	5.25
Butter.....	100.00	88.40	11.60	-	-
Cheese.....	-	-	-	-	-
Beef.....	100.00	53.33	11.67	2.50	32.50
Mutton/Goat Meat.....	100.00	87.26	1.23	0.58	10.93
Eggs.....	100.00	78.70	13.91	-	7.39
Honey.....	100.00	23.10	71.19	-	5.71
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	6.40	-	-	93.60
Hide.....	100.00	3.30	-	-	96.70
Arera.....	100.00	97.50	-	-	2.50
Camel Meat.....	100.00	60.00	15.00	-	25.00

**Table 2.6 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Benshangule-Gumuz Region**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.01	47.01	5.28	0.46	47.26
Butter.....	100.00	47.24	48.71	0.78	3.27
Cheese.....	100.00	92.66	0.31	0.18	6.85
Beef.....	100.00	41.67	49.67	0.33	8.33
Mutton/Goat Meat.....	99.99	78.87	10.69	0.93	9.50
Eggs.....	100.00	21.05	21.27	0.14	57.54
Honey.....	100.00	24.67	72.14	0.41	2.78
Wax.....	100.00	28.07	13.28	-	58.65
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	30.00	24.00	-	46.00
Hide.....	100.00	33.09	10.59	-	56.32
Arera.....	100.00	67.58	0.24	0.93	31.25
Camel Meat.....	-	-	-	-	-

**Table 2.6.1 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Metekel**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	99.99	57.45	0.92	0.73	40.89
Butter.....	100.01	52.44	44.10	0.51	2.96
Cheese.....	100.00	92.93	0.58	-	6.49
Beef.....	100.00	59.44	38.33	0.56	1.67
Mutton/Goat Meat.....	100.00	88.45	2.41	2.76	6.38
Eggs.....	100.00	26.60	19.57	0.15	53.68
Honey.....	100.00	48.82	43.82	1.18	6.18
Wax.....	100.00	20.00	70.00	-	10.00
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	100.00	50.00	44.44	-	5.56
Arera.....	99.99	66.71	0.07	0.21	33.00
Camel Meat.....	-	-	-	-	-

**Table 2.6.2 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Asosa**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	49.58	15.95	0.21	34.26
Butter.....	100.01	55.33	41.72	2.30	0.66
Cheese.....	100.00	100.00	-	-	-
Beef.....	100.00	30.00	60.00	-	10.00
Mutton/Goat Meat.....	100.00	74.34	12.45	0.64	12.57
Eggs.....	99.99	22.45	22.86	0.24	54.44
Honey.....	100.01	22.34	75.16	0.63	1.88
Wax.....	100.00	36.11	6.11	-	57.78
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	-	-	-	100.00
Hide.....	100.00	23.04	3.92	-	73.04
Arera.....	100.00	65.90	0.82	2.95	30.33
Camel Meat.....	-	-	-	-	-

**Table 2.6.3 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Kemashi**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	42.92	2.08	0.83	54.17
Butter.....	100.00	28.75	62.00	0.50	8.75
Cheese.....	100.00	83.44	-	2.50	14.06
Beef.....	100.00	15.00	60.00	-	25.00
Mutton/Goat Meat.....	100.01	80.42	14.86	0.42	4.31
Eggs.....	100.00	16.95	10.43	-	72.62
Honey.....	100.01	31.43	64.29	-	4.29
Wax.....	100.00	45.00	-	-	55.00
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	50.00	6.67	-	43.33
Hide.....	99.99	44.44	2.96	-	52.59
Arera.....	100.01	61.67	0.56	1.11	36.67
Camel Meat.....	-	-	-	-	-

**Table 2.6.4 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Mao Komo**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	18.65	1.27	-	80.08
Butter.....	100.00	34.93	60.35	0.14	4.58
Cheese.....	100.01	90.63	-	-	9.38
Beef.....	100.00	-	100.00	-	-
Mutton/Goat Meat.....	100.00	92.14	-	-	7.86
Eggs.....	100.00	16.90	25.00	0.04	58.06
Honey.....	99.99	21.45	75.83	0.26	2.45
Wax.....	100.00	25.96	14.51	-	59.53
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	-	100.00	-	-
Hide.....	100.00	16.67	-	-	83.33
Arera.....	100.00	72.29	-	0.57	27.14
Camel Meat.....	-	-	-	-	-

**Table 2.7 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
S.N.N.P. Region**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	99.99	35.92	5.41	0.73	57.93
Butter.....	100.01	49.40	43.94	0.97	5.70
Cheese.....	100.00	53.31	41.68	0.66	4.35
Beef.....	100.00	42.51	48.91	2.68	5.90
Mutton/Goat Meat.....	100.00	78.61	16.82	0.95	3.62
Eggs.....	100.00	33.16	47.12	0.45	19.27
Honey.....	100.00	36.80	59.74	0.58	2.88
Wax.....	99.99	59.99	15.79	0.27	23.94
Sheep Hair.....	100.00	10.00	83.33	-	6.67
Skin.....	99.99	28.07	33.76	2.20	35.96
Hide.....	99.99	48.42	26.56	0.92	24.09
Arera.....	100.00	48.43	6.96	0.91	43.70
Camel Meat.....	-	-	-	-	-

**Table 2.7.1 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Gurage**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	32.27	1.08	0.52	66.13
Butter.....	100.01	65.51	27.29	0.52	6.69
Cheese.....	100.00	62.89	31.06	0.42	5.63
Beef.....	100.00	95.59	2.94	0.29	1.18
Mutton/Goat Meat.....	100.00	100.00	-	-	-
Eggs.....	100.00	55.41	34.68	0.19	9.72
Honey.....	99.99	66.94	29.69	0.17	3.19
Wax.....	100.00	58.50	6.43	0.36	34.71
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	-	16.67	-	83.33
Hide.....	100.00	7.14	71.43	-	21.43
Arera.....	100.01	25.67	0.08	0.75	73.51
Camel Meat.....	-	-	-	-	-

**Table 2.7.2 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Hadiya**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	26.04	2.08	0.33	71.55
Butter.....	100.00	52.45	40.34	0.80	6.41
Cheese.....	100.00	53.46	42.20	0.43	3.91
Beef.....	100.00	100.00	-	-	-
Mutton/Goat Meat.....	100.00	100.00	-	-	-
Eggs.....	100.00	36.48	28.13	0.23	35.16
Honey.....	100.00	54.92	39.52	0.40	5.16
Wax.....	100.00	31.43	24.29	0.71	43.57
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	100.00	28.57	7.14	-	64.29
Arera.....	100.00	44.30	2.34	0.42	52.94
Camel Meat.....	-	-	-	-	-

**Table 2.7.3 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Kembata-Tembaro**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	19.93	0.94	0.63	78.50
Butter.....	100.00	46.15	47.35	0.98	5.52
Cheese.....	100.00	49.47	47.87	0.42	2.24
Beef.....	100.00	45.00	-	-	55.00
Mutton/Goat Meat.....	100.00	97.50	-	-	2.50
Eggs.....	100.00	30.90	43.27	0.61	25.22
Honey.....	100.00	46.08	51.49	0.27	2.16
Wax.....	100.00	20.00	20.00	-	60.00
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	-	-	-	100.00
Hide.....	100.00	-	-	-	100.00
Arera.....	100.00	46.64	3.06	0.84	49.46
Camel Meat.....	-	-	-	-	-

**Table 2.7.4 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Segeen People**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	32.68	14.09	0.94	52.29
Butter.....	99.99	50.56	44.01	0.42	5.00
Cheese.....	100.00	46.67	45.83	0.83	6.67
Beef.....	100.00	23.75	72.50	-	3.75
Mutton/Goat Meat.....	100.00	53.97	42.95	-	3.08
Eggs.....	100.00	30.07	58.81	2.09	9.03
Honey.....	100.00	20.77	74.23	1.54	3.46
Wax.....	99.99	15.00	68.33	8.33	8.33
Sheep Hair.....	-	-	-	-	-
Skin.....	100.01	55.56	38.89	5.56	-
Hide.....	100.01	60.53	37.11	2.37	-
Arera.....	99.99	80.98	14.59	0.49	3.93
Camel Meat.....	-	-	-	-	-

**Table 2.7.5 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Gedio**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	63.19	13.19	-	23.62
Butter.....	100.00	47.86	44.82	0.18	7.14
Cheese.....	-	-	-	-	-
Beef.....	100.00	-	100.00	-	-
Mutton/Goat Meat.....	100.00	70.00	23.08	-	6.92
Eggs.....	100.00	37.44	57.40	0.45	4.71
Honey.....	100.00	25.50	64.50	-	10.00
Wax.....	100.00	-	100.00	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	-	100.00	-	-
Hide.....	100.00	100.00	-	-	-
Arera.....	100.00	72.50	23.75	-	3.75
Camel Meat.....	-	-	-	-	-

**Table 2.7.6 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Wolayita**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	13.26	5.85	0.36	80.53
Butter.....	100.00	29.89	60.55	0.90	8.66
Cheese.....	100.01	32.13	60.42	0.54	6.92
Beef.....	100.00	50.00	50.00	-	-
Mutton/Goat Meat.....	100.00	-	100.00	-	-
Eggs.....	100.00	20.11	62.40	0.27	17.22
Honey.....	100.00	30.00	67.65	0.29	2.06
Wax.....	100.00	52.00	43.00	-	5.00
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	-	-	-	-	-
Arera.....	100.00	43.60	24.93	0.93	30.54
Camel Meat.....	-	-	-	-	-

**Table 2.7.7 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
South Omo**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	55.26	13.47	1.10	30.17
Butter.....	100.00	48.04	47.37	0.86	3.73
Cheese.....	100.00	43.85	51.88	1.77	2.50
Beef.....	99.99	43.39	37.32	8.57	10.71
Mutton/Goat Meat.....	100.00	86.60	8.04	1.70	3.66
Eggs.....	100.00	23.60	48.03	1.34	27.03
Honey.....	99.99	29.41	68.60	0.51	1.47
Wax.....	100.00	37.78	28.33	-	33.89
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	48.89	37.50	5.28	8.33
Hide.....	100.01	83.28	9.34	0.98	6.41
Arera.....	100.01	88.13	3.51	0.58	7.79
Camel Meat.....	-	-	-	-	-

**Table 2.7.8 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Sheka**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	59.26	1.40	0.09	39.25
Butter.....	100.01	79.38	14.22	-	6.41
Cheese.....	100.01	80.93	11.31	0.43	7.34
Beef.....	100.00	7.50	92.50	-	-
Mutton/Goat Meat.....	100.00	43.06	56.94	-	-
Eggs.....	100.00	54.38	26.75	-	18.87
Honey.....	100.00	15.08	81.53	1.13	2.26
Wax.....	100.00	100.00	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	-	-	-	100.00
Hide.....	100.00	11.11	-	-	88.89
Arera.....	100.01	39.53	0.32	0.21	59.95
Camel Meat.....	-	-	-	-	-

**Table 2.7.9 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Kefa**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	47.42	4.36	0.84	47.38
Butter.....	100.00	58.01	39.10	0.22	2.67
Cheese.....	100.00	63.21	34.19	0.18	2.42
Beef.....	100.00	25.00	68.75	6.25	-
Mutton/Goat Meat.....	100.01	78.10	17.86	2.38	1.67
Eggs.....	100.00	33.96	46.38	0.02	19.64
Honey.....	100.01	34.93	63.09	0.37	1.62
Wax.....	100.00	75.29	4.12	-	20.59
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	-	100.00	-	-
Hide.....	100.01	13.89	55.56	-	30.56
Arera.....	100.00	34.01	2.45	0.67	62.87
Camel Meat.....	-	-	-	-	-

**Table 2.7.10 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Gamo Gofa**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	40.93	5.69	0.66	52.72
Butter.....	99.99	42.86	50.62	1.34	5.17
Cheese.....	100.01	52.21	43.27	0.85	3.68
Beef.....	100.00	-	100.00	-	-
Mutton/Goat Meat.....	100.00	11.11	88.89	-	-
Eggs.....	99.99	28.35	60.10	0.22	11.32
Honey.....	100.00	45.60	52.20	-	2.20
Wax.....	100.00	95.00	-	-	5.00
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	100.00	75.00	25.00	-	-
Arera.....	100.00	68.18	18.78	0.16	12.88
Camel Meat.....	-	-	-	-	-

**Table 2.7.11 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Bench-Maji**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	48.84	10.43	0.45	40.28
Butter.....	100.00	49.35	43.71	0.51	6.43
Cheese.....	100.01	69.40	26.26	0.29	4.06
Beef.....	100.00	26.25	58.75	-	15.00
Mutton/Goat Meat.....	100.00	62.25	31.75	-	6.00
Eggs.....	100.00	33.31	49.21	-	17.48
Honey.....	100.00	18.67	80.00	-	1.33
Wax.....	100.00	-	-	-	100.00
Sheep Hair.....	100.00	15.00	75.00	-	10.00
Skin.....	100.00	75.00	20.00	-	5.00
Hide.....	100.01	42.11	35.79	-	22.11
Arera.....	100.00	35.61	0.32	0.57	63.50
Camel Meat.....	-	-	-	-	-

**Table 2.7.12 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Yem Special Wereda**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	99.99	45.36	1.18	1.03	52.42
Butter.....	100.01	55.77	39.03	0.38	4.83
Cheese.....	100.00	62.38	33.83	0.16	3.63
Beef.....	100.00	10.00	90.00	-	-
Mutton/Goat Meat.....	100.00	54.00	46.00	-	-
Eggs.....	100.00	25.02	65.29	-	9.69
Honey.....	100.00	37.67	59.47	0.53	2.33
Wax.....	100.00	68.00	-	-	32.00
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	60.00	20.00	-	20.00
Hide.....	100.00	-	-	-	100.00
Arera.....	100.00	52.16	3.55	-	44.29
Camel Meat.....	-	-	-	-	-

**Table 2.7.13 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Dawro**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	99.99	28.21	9.61	1.47	60.70
Butter.....	100.00	40.40	48.61	2.43	8.56
Cheese.....	100.01	43.72	47.48	1.56	7.25
Beef.....	100.00	-	100.00	-	-
Mutton/Goat Meat.....	100.00	-	100.00	-	-
Eggs.....	100.00	30.87	51.47	0.67	16.99
Honey.....	100.00	25.69	66.81	1.94	5.56
Wax.....	100.00	52.08	44.17	1.25	2.50
Sheep Hair.....	100.00	-	100.00	-	-
Skin.....	100.00	-	100.00	-	-
Hide.....	100.00	-	100.00	-	-
Arera.....	100.00	49.60	9.53	3.35	37.52
Camel Meat.....	-	-	-	-	-

**Table 2.7.14 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Basketo Special Wereda**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	47.66	5.63	0.28	46.43
Butter.....	100.00	54.80	42.28	0.74	2.18
Cheese.....	99.99	59.94	39.48	-	0.57
Beef.....	-	-	-	-	-
Mutton/Goat Meat.....	99.99	85.71	7.14	-	7.14
Eggs.....	100.00	31.68	53.47	0.11	14.74
Honey.....	100.00	25.00	73.68	-	1.32
Wax.....	100.00	100.00	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	100.00	100.00	-	-	-
Arera.....	100.01	77.58	3.81	-	18.62
Camel Meat.....	-	-	-	-	-

**Table 2.7.15 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Konta Special Wereda**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	25.63	11.48	2.47	60.42
Butter.....	99.99	34.07	54.45	2.89	8.58
Cheese.....	100.00	35.79	54.65	2.79	6.77
Beef.....	-	-	-	-	-
Mutton/Goat Meat.....	-	-	-	-	-
Eggs.....	99.99	24.96	54.09	2.05	18.89
Honey.....	100.00	59.64	35.18	2.14	3.04
Wax.....	100.00	-	100.00	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	-	-	-	-	-
Arera.....	100.00	48.57	7.13	2.75	41.55
Camel Meat.....	-	-	-	-	-

**Table 2.7.16 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Silitie**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	38.91	0.97	0.06	60.06
Butter.....	100.00	55.83	42.50	0.06	1.61
Cheese.....	100.00	57.75	40.56	-	1.69
Beef.....	100.00	88.67	-	-	11.33
Mutton/Goat Meat.....	100.00	92.55	-	-	7.45
Eggs.....	100.00	38.73	35.98	0.08	25.21
Honey.....	100.00	35.87	62.28	-	1.85
Wax.....	100.00	50.00	25.00	-	25.00
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	-	50.00	-	50.00
Hide.....	100.01	-	54.84	3.23	41.94
Arera.....	100.00	35.07	0.17	0.28	64.48
Camel Meat.....	-	-	-	-	-

**Table 2.7.17 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Alaba Special Wereda**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	37.53	0.58	0.58	61.31
Butter.....	100.01	60.37	33.40	1.04	5.20
Cheese.....	100.00	60.85	35.58	0.56	3.01
Beef.....	100.00	86.43	-	-	13.57
Mutton/Goat Meat.....	100.00	93.48	-	-	6.52
Eggs.....	100.00	37.16	34.74	0.07	28.03
Honey.....	100.00	34.41	60.59	0.39	4.61
Wax.....	100.00	42.14	16.43	-	41.43
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	40.00	20.00	-	40.00
Hide.....	100.00	18.18	13.64	-	68.18
Arera.....	100.00	51.24	1.02	0.91	46.83
Camel Meat.....	-	-	-	-	-

**Table 2.7.18 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Sidama**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.01	46.92	13.27	0.82	39.00
Butter.....	99.99	49.11	45.13	2.09	3.66
Cheese.....	100.00	96.46	2.08	0.21	1.25
Beef.....	100.00	78.00	14.00	2.00	6.00
Mutton/Goat Meat.....	100.00	95.45	-	2.73	1.82
Eggs.....	100.00	29.14	52.90	0.95	17.01
Honey.....	100.00	53.75	41.25	-	5.00
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	-	80.00	-	20.00
Hide.....	100.00	-	100.00	-	-
Arera.....	100.01	78.72	15.88	0.98	4.43
Camel Meat.....	-	-	-	-	-

**Table 2.8 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Gambela Region**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	72.56	14.34	0.48	12.62
Butter.....	100.00	63.83	31.68	0.51	3.98
Cheese.....	100.00	74.59	20.31	0.51	4.59
Beef.....	100.00	21.67	78.33	-	-
Mutton/Goat Meat.....	100.01	59.61	29.87	-	10.53
Eggs.....	100.01	31.57	27.35	0.22	40.87
Honey.....	100.00	21.05	77.67	0.47	0.81
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	100.00	2.00	86.00	-	12.00
Arera.....	100.00	66.16	2.98	0.87	29.99
Camel Meat.....	-	-	-	-	-

**Table 2.8.1 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Agnuwak**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	53.55	14.21	-	32.24
Butter.....	100.00	55.07	37.43	1.83	5.67
Cheese.....	100.01	78.17	19.17	-	2.67
Beef.....	-	-	-	-	-
Mutton/Goat Meat.....	100.01	46.82	39.55	-	13.64
Eggs.....	100.00	31.11	14.17	0.71	54.01
Honey.....	100.00	20.00	76.25	2.50	1.25
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	100.00	3.33	76.67	-	20.00
Arera.....	100.01	86.86	2.86	-	10.29
Camel Meat.....	-	-	-	-	-

**Table 2.8.2 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Nuware**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.01	82.50	15.60	0.59	1.32
Butter.....	-	-	-	-	-
Cheese.....	-	-	-	-	-
Beef.....	100.00	-	100.00	-	-
Mutton/Goat Meat.....	-	-	-	-	-
Eggs.....	100.00	24.79	41.63	-	33.58
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	-	-	-	-	-
Arera.....	100.00	95.00	5.00	-	-
Camel Meat.....	-	-	-	-	-

**Table 2.8.3 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Mezhenger**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.01	56.32	13.21	0.90	29.58
Butter.....	100.01	64.81	30.88	0.13	4.19
Cheese.....	100.00	73.01	20.81	0.74	5.44
Beef.....	100.00	40.00	60.00	-	-
Mutton/Goat Meat.....	100.00	64.81	25.93	-	9.26
Eggs.....	100.00	43.77	35.10	0.13	21.00
Honey.....	100.01	19.70	79.55	-	0.76
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	100.00	-	100.00	-	-
Arera.....	99.99	50.98	2.73	1.36	44.92
Camel Meat.....	-	-	-	-	-

**Table 2.8.4 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Itang Special**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	73.58	12.74	-	13.68
Butter.....	100.00	74.71	25.29	-	-
Cheese.....	-	-	-	-	-
Beef.....	100.00	25.00	75.00	-	-
Mutton/Goat Meat.....	-	-	-	-	-
Eggs.....	100.01	28.54	21.67	0.06	49.74
Honey.....	100.00	47.50	52.50	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	-	-	-	-	-
Arera.....	100.01	96.25	3.13	-	0.63
Camel Meat.....	-	-	-	-	-

**Table 2.9 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Harai Region**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	60.40	34.97	0.38	4.25
Butter.....	100.00	36.00	59.50	1.00	3.50
Cheese.....	100.00	100.00	-	-	-
Beef.....	100.00	17.50	61.25	-	21.25
Mutton/Goat Meat.....	99.99	70.85	12.68	-	16.46
Eggs.....	100.00	51.37	37.83	-	10.80
Honey.....	100.01	73.13	22.50	-	4.38
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	-	-	-	100.00
Hide.....	100.00	18.18	-	-	81.82
Arera.....	100.00	100.00	-	-	-
Milk.....	-	-	-	-	-

**Table 2.10 Livestock Product percent of Utilization-Private peasant Holders, 2020/21(2013 E.C)
Dire Dawa**

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100.00	67.42	30.32	-	2.26
Butter.....	100.00	43.57	53.93	-	2.50
Cheese.....	-	-	-	-	-
Beef.....	100.00	50.50	49.50	-	-
Mutton/Goat Meat.....	100.00	85.98	0.66	-	13.36
Eggs.....	100.00	27.26	67.83	-	4.91
Honey.....	100.01	71.82	24.64	-	3.55
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100.00	7.50	90.00	-	2.50
Hide.....	100.00	42.86	-	-	57.14
Arera.....	100.00	53.13	42.17	-	4.70
Camel Meat.....	-	-	-	-	-

APPENDIX I

ESTIMATION PROCEDURES OF TOTALS, RATIOS AND SAMPLING ERRORS

The following formulas were used to estimate total area of land under specific crop, production and yield of specific crop 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 household 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 Production under Specific Crop:

$$\hat{P}_h = \sum_{i=1}^{n_h} W_{hi} P_{hi}$$

in which, $P_{hi} = a_{hi} * \bar{Y}_{hi}$

Where, $\bar{Y}_{hi} = \frac{Y_{hi}}{16C_{hi}}$ is average yield per square meter of a specific crop in the i^{th} EA in the h^{th} stratum.

$\hat{P}_h$ is estimate of total quantity of production of a specific crop in the h^{th} stratum.

Y_{hi} is sample total quantity of production of a specific crop from defined area of land for crop cutting of a crop in the i^{th} EA in the h^{th} stratum.

P_{hi} is estimate of total quantity of production under specific crop for EA i in stratum h .

C_{hi} is the number of crop cutting of a specific crop in the i^{th} EA in the h^{th} stratum.

3. For estimating yield of a specific crop in stratum h:

$$\hat{Y}_h = \frac{\hat{P}_h}{\hat{A}_h}$$

4. For estimating ratios in stratum h

$$\hat{R}_h = \frac{\hat{Z}_h}{\hat{X}_h},$$

Where,

$\hat{Z}_h$ and $\hat{X}_h$ 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, production and yield for a specific crop are estimated by the following formulas.

$$Var(\hat{A}_h) = (1 - f_h) \frac{n_h}{n_h - 1} \sum_{i=1}^{n_h} \left(\hat{A}_{hi} - \frac{\hat{A}_h}{n_h} \right)^2 + f_h \sum_{i=1}^{n_h} (1 - f_{hi}) \left(\frac{h_{hi}}{h_{hi} - 1} \right) \sum_{j=1}^{h_{hi}} \left(\hat{A}_{hij} - \frac{\hat{A}_{hi}}{h_{hi}} \right)^2$$

$$Var(\hat{P}_h) = (1 - f_h) \frac{n_h}{n_h - 1} \sum_{i=1}^{n_h} \left(\hat{P}_{hi} - \frac{\hat{P}_h}{n_h} \right)^2 + f_h \sum_{i=1}^{n_h} (1 - f_{hi}) \left(\frac{h_{hi}}{h_{hi} - 1} \right) \sum_{j=1}^{h_{hi}} \left(\hat{P}_{hij} - \frac{\hat{P}_{hi}}{h_{hi}} \right)^2$$

$$Var(\hat{Y}_h) = \frac{1}{\hat{A}_h^2} \left[Var(\hat{P}_h) + \hat{Y}_h^2 Var(\hat{A}_h) - 2\hat{Y}_h Cov(\hat{P}_h, \hat{A}_h) \right]$$

Where,

$$Cov(\hat{P}_h, \hat{A}_h) = (1 - f_h) \frac{n_h}{n_h - 1} \sum_{i=1}^{n_h} \left(\hat{A}_{hi} - \frac{\hat{A}_h}{n_h} \right) \left(\hat{P}_{hi} - \frac{\hat{P}_h}{n_h} \right) + f_h \sum_{i=1}^{n_h} (1 - f_{hi}) \left(\frac{h_{hi}}{h_{hi} - 1} \right) \sum_{j=1}^{h_{hi}} \left(\hat{A}_{hij} - \frac{\hat{A}_{hi}}{h_{hi}} \right) \left(\hat{P}_{hij} - \frac{\hat{P}_{hi}}{h_{hi}} \right)$$

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 .

$\hat{A}_{hi}, \hat{P}_{hi}$ are weighted total area and production, respectively, of a specific crop in the i^{th} EA and h^{th} stratum.

$\hat{A}_{hij}, \hat{P}_{hij}$ are weighted values of area and production, respectively, from j^{th} agricultural household in the i^{th} EA and h^{th} stratum under a specific crop.

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.

$$Var(\hat{A}) = \sum_h^L Var(\hat{A}_h), Var(\hat{P}) = \sum_h^L Var(\hat{P}_h) \text{ and } Var(\hat{Y}) = \sum_h^L Var(\hat{Y}_h)$$

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.

5. Coefficient of Variation (CV) of Estimates:

Coefficient of Variation (CV) in percentage of estimate of stratum total of area, production and yield for a specific crop are given by:

$$CV(\hat{A}_h) = \frac{\sqrt{Var(\hat{A}_h)}}{\hat{A}_h} * 100, CV(\hat{P}_h) = \frac{\sqrt{Var(\hat{P}_h)}}{\hat{P}_h} * 100, CV(\hat{Y}_h) = \frac{\sqrt{Var(\hat{Y}_h)}}{\hat{Y}_h} * 100$$

6. Ninety-five percent confidence interval (CI) of stratum total of area:

$$\hat{A}_h \pm 1.96 * SE(\hat{A}_h) \quad ,$$

Where $SE(\hat{A}_h) = \sqrt{Var(\hat{A}_h)}$ is standard error of the estimate of the stratum total of area.

Estimates of standard error and confidence interval for the other estimates can also be calculated by adopting the above formulas.

APPENDIX II
QUESTIONNAIRE

CENTRAL STATISTICAL AGENCY
ETHIOPIAN AGRICULTURAL SAMPLE SURVEY 2019/20(2012 E.C)

PART1- IDENTIFICATION PARTICULARS

1	2	3	4	5	6	7	8	9	10	11
Region	Zone	Woreda	PA	EA	HH Id	HOLDER Id	HOLDERS			FARMING TYPE
							NAME	AGE	SEX M=1 F=2	Crop = 1 Livestock = 2 Both = 3

Part II-Crop Usage Proportions (percentages)

1	2	3	4	5	6	7	8	9
SR.NO	Name of Crop Code	Proportions of Total Product for						
		Household consumption	Seed	Sale*	Wages in Kind	Animal feed	Others	Total
0	1							
0	2							
0	3							
0	4							
0	5							
0	6							
0	7							
0	8							
0	9							
1	0							
1	1							
1	2							
1	3							
1	4							
1	5							

Part III-Livestock Product Usage Proportions

1	2	3	4	5	6	7
Sr No	Name of livestock and Livestock product	Proportions in Percentage				
		Household consumption	Sale*	Wages in Kind	Others	Total
0	1	Milk				
0	2	Butter				
0	3	Cheese				
0	4	Beef				
0	5	Mutton/Goat Meat				
0	6	Camel Meat				
0	7	Eggs				
0	8	Honey				
0	9	Wax				
1	0	Sheep Hair				
1	1	Skin				
1	2	Hide				
1	3	Arera				
1	4	Aguate				
1	5	Others (Specify)				

*For sale includes the part of products that the holder sold for purchase of agricultural inputs, family clothing etc.

