

THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA

CENTRAL STATISTICAL AGENCY

AGRICULTURAL SAMPLE SURVEY

2015/2016 (2008 E.C.)

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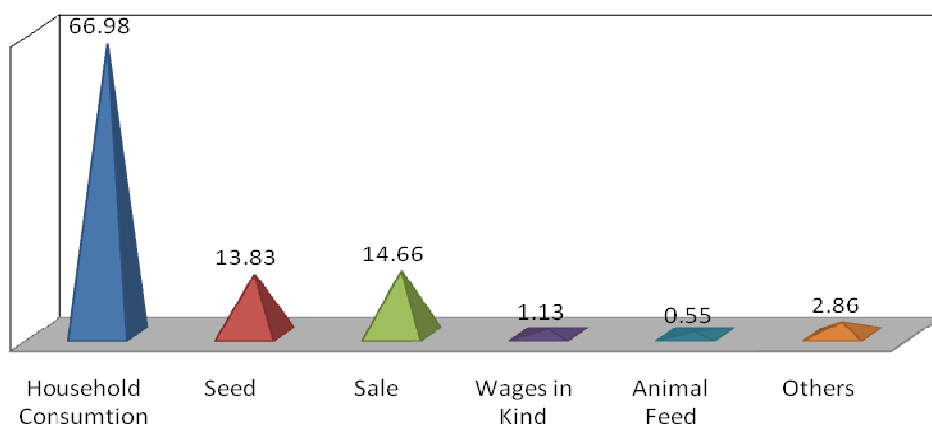
REPORT ON

CROP AND LIVESTOCK PRODUCT UTILIZATION

(PRIVATE PEASANT HOLDINGS, MEHER SEASON)

Cereals Utilization (in Percent)

■ Household Consumption ■ Seed ■ Sale ■ Wages in Kind ■ Animal Feed ■ Others



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 2015/16 (2008 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 2015/16 (2008 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 2015/16 (2008 E.C.) Annual Agricultural Sample Survey (Meher season) covered the entire rural parts of the country except the non-sedentary population of three zones of Afar & six zones of Somali regions.

To be covered by the survey, a total of 2,247 Enumeration Areas (EAs) were selected. However, due to various reasons that are beyond control, in 8 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,239 EAs (99.64 %) throughout the regions. Crop and livestock product utilization Sample Survey was conducted on the basis of 30 agricultural households selected from each EA. Regarding the ultimate sampling units, it was intended to cover a total of 67,410 agricultural households, however, 66,592 (98.79%) were actually covered by the survey.

2.2 SAMPLING FRAME

The list containing EAs of all regions and their respective households obtained from the 2007 (1999 E.C) Population and Housing Census Frame was 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. The second stage sampling units, households, were selected from a fresh list of households that were prepared for each EA at the beginning of the survey.

2.3 SAMPLE DESIGN

In order to select the sample a stratified two-stage cluster sample design was implemented. Enumeration areas (EAs) were taken to be the primary sampling units (PSUs) and the secondary sampling units (SSUs) were agricultural households.

The sample size for the 2015/16 (2008 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 regions were taken to be the domain of estimation for which major findings of the survey are reported.

2.4 SELECTION SCHEME

Enumeration areas from each stratum were selected systematically using probability proportional to size sampling technique; size being number of agricultural households. The sizes for EAs were obtained from the 2007 (1999 E.C) Population and Housing Census Frame. From the fresh list of households prepared at the beginning of the survey 30 agricultural households within each sample EA were selected systematically.

Estimation procedure of totals, ratios, sampling error and the measurement of precision of estimates (CV) are given in Appendix-I and II respectively.

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 Branch Offices and at head office Branch Office Desk that liaises between the Head Office and the 24 Branch Statistical Offices spread across the regions. All Branch Offices took part in the survey execution especially in recruiting the enumerators, organizing the 2nd stage training, assigning the field staff to their sites of enumeration, supervising the data collection and retrieving completed questionnaires and submitting them to the Head Office for data processing.

The Branch Offices were also responsible for administering the financial and logistic aspects of the survey within their areas of operation. A total of about 2,350 enumerators, 560 field supervisors, and more than 80 statisticians were involved in the data collection where on the average one supervisor was assigned to four enumeration areas for supervision of data collection. All the enumerators were supplied with the necessary survey equipment after the completion of the training to ensure the smooth operation of the survey. To facilitate the data collection activities, a total of 194 four-wheel drive vehicles were used.

2.6. TRAINING OF FIELD STAFF

The execution of a survey and quality of data acquired from the survey highly depend on the type of training given to the enumerators and supervisors and the consequent understanding of the tasks to be performed and the standard procedures to be followed by the enumerators and supervisors in the survey undertaking. The quality and completeness of data are ensured when the training meets its objective of producing responsible and fervent enumerators and supervisors.

In light of this point, the training was given to the field staff in two stages. The first stage training, which took place at the Adama town arranged by Head Office of CSA and lasted 6 days targeted staff from the Branch Statistical Office (heads, statisticians and senior field supervisors). The staff that took part in the first stage

training was then assigned to conduct similar training for the enumerators and other supervisors for 15 days in all the twenty- four Branch Statistical Offices distributed across the country.

In the training the field staffs was given detailed classroom instruction on how to collect data, method of area measurement, interviewing procedures, etc. The training also included field practice to reinforce the understanding of concepts, definitions and theories discussed in the classroom with regard to field measurement, crop cutting, GPS reading and interviewing methods.

2.7. METHOD OF DATA COLLECTION

Crop and livestock product utilization data for the year 2015/16 (2008 E.C.) was collected from sedentary rural peasant households by interviewing the selected agricultural holders.

2.8. DATA PROCESSING

a) Editing, Coding and Verification

Statistical data editing plays an important role in ensuring the quality of the collected survey data. It minimizes the effects of errors introduced while collecting data in the field, hence the need for data editing, coding and verification. Although coding and editing are done by the enumerators and supervisors in the field, respectively, verification of this task is done at the Head Office.

An editing, coding and verification instruction manual was prepared and reproduced for this purpose. Then more than 30 editors-coders and verifiers were trained for one day in editing, coding and verification using the aforementioned manual as a reference and teaching aid. The completed questionnaires were edited, coded and later verified on a 100 % basis before the questionnaires were passed over to the data entry unit. The editing, coding and verification exercise of all questionnaires took 15 days.

b) Data Entry, Cleaning and Tabulation

Before data entry, the Agriculture, Natural Resources and Environment Statistics Directorate of the CSA prepared edit specification for the survey for use on personal computers for data consistency checking purposes. The data on the edited and coded questionnaires were then entered into personal computers. The data were then checked and cleaned using the edit specifications prepared earlier for this purpose. The data entry operation involved about 50 data encoders, 4 data encoder supervisors, 12 data cleaning operators and 50 personal computers. The data entered into the computers using the entry module of the CSPRO (Census and Survey Processing System) software, which is a software package developed by the United States Bureau of the Census. Following the data entry operations, the data was further reviewed for data inconsistencies, missing data ... etc. by the regular professional staff from Agriculture, Natural Resources and Environment Statistics Directorate. The final stage of the data processing was to summarizing the cleaned data and produce statistical tables that present the results of the survey using the tabulation component of the PC based CSPRO software produced by professional staff from Agriculture, Natural Resources and Environment Statistics Directorate.

2.9. CONCEPTS AND DEFINITIONS

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

Standard concepts and definitions used in the survey help to maintain consistent enumeration and measurement of variables of interest. To achieve this, CSA communicates concepts and definitions to the field staff through training and

instruction manuals. The concepts and definitions used in the survey included the following.

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

Household: a household may be either:

a) a one person household, that is a person who makes provisions for his own living 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 without 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.

Belg 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 2015/16 (2008 E.C.) was collected from sedentary rural peasant 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 66.79 percent of the cereals produced were used for household consumption. Nearly 12.13 percent and 16.88 percent were used for seed and sale, respectively. The remaining 4.2 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 48 percent and 74 per cent of the crops in the cereals group were used for own consumption and between 11 per cent and 32 per cent of these crops were used for sale. Moreover, between 8 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 57.67 per cent of pulses were used for household consumption, 13.68 per cent for seed and about 26.04 per cent for sale. The remaining 2.62 per cent of pulses were used for wages, animal feed and others.

Considering utilization by crop type within the pulses group, without considering Masho, between 20 per cent and 66 per cent of the crops were utilized for household consumption and between 21 per cent and 61 per cent of crop were utilized for sale in the same crops in the same group were sold in 2015/16 (2008 E.C.). Moreover, between 10 per cent and 16 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 33.34 percent, 11.26 percent and about 52.94 percent were used for household consumption, seed, and sale, respectively. Taking utilization by crop type into account, between 17 per cent and nearly 56 percent of each crop type in the oilseeds category were used for household consumption, between 31 percent and nearly 71 percent for sale and about 8-16 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 74.04 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 1.99 percent of the vegetables was used for wages, animal feed and others. The percent used by crop type within the vegetables group were 64 - 81 percent about percent for household consumption, nearly 16 percent – 34 percent for sale and about 0.31 –1.74 percent for seed. For details, refer to Summary Table 1.

The utilization of root crops for household consumption was about 70.26 percent, and 19.6 percent for sale and 7.96 per cent for seed. The ranges of percent utilized

by crop type within the root crops category fall between 52 percent – 80 percent for consumption, 10 percent – 46 percent for sale and about 0.31 – 14.06 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 52.38 percent of the permanent crops were used for consumption at home and about 43.43 percent for sale. The utilization by crop type within the permanent crop group ranges between about 26 percent and 70 percent for household consumption and between about 27 percent and 70 percent for sale. 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	266,828,807	61.73	12.41	22.18	0.87	0.48	2.33
Cereals	231,287,971	66.79	12.13	16.88	0.96	0.65	2.59
Pulses	27,692,743	57.67	13.68	26.04	0.59	0.14	1.89
Oilseeds	7,848,093	33.34	11.26	52.94	0.96	0.05	1.45
Vegetables	7,444,468	74.04	0.98	22.99	0.36	0.06	1.57
Root Crops	39,985,663	70.26	7.96	19.6	0.31	0.84	1.04
Permanent Crops	27,111,795	52.38	0.45	43.43	0.56	0.83	2.34
Enset	53,101,368	80	0.49	13.64	1.19	2.65	2.04

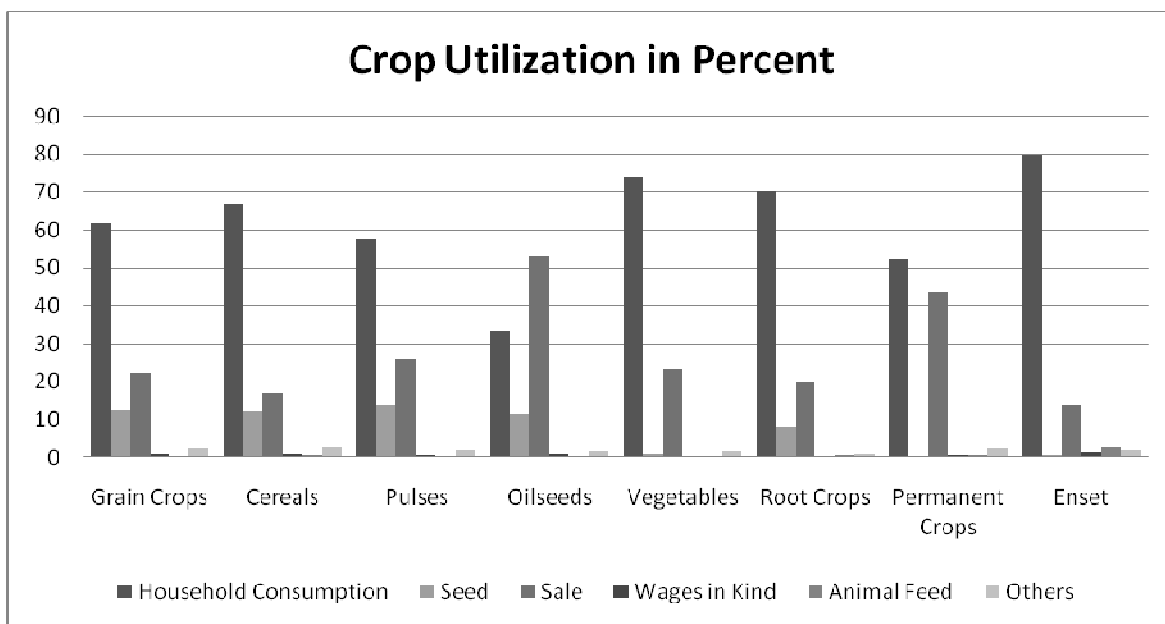


Figure 1 Percentage of Grain Crops Utilization

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

TABLE 1- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Ethiopia

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	266,828,807	61.73	12.41	22.18	0.87	0.48	2.33
Cereals	231,287,971	66.79	12.13	16.88	0.96	0.65	2.59
Teff	44,713,787	54.53	13.27	28.11	1.19	0.19	2.71
Barley	18,567,043	64.74	17.65	13.87	0.65	0.76	2.34
Wheat	42,192,572	58.77	16.57	20.78	0.9	0.18	2.81
Maize	71,508,354	74.43	8.3	12.98	0.83	1.09	2.36
Sorghum	43,232,998	74.38	10.15	11.15	0.96	0.83	2.53
Finger millet	9,402,463	71.8	10.7	12.1	1.51	0.39	3.5
Oats "Aja"	402,689	64.19	17.86	14.54	0.18	0.69	2.54
Rice	1,268,065	48.21	11.93	32.81	3.7	0.02	3.33
Pulses	27,692,743	57.67	13.68	26.04	0.59	0.14	1.89
Horse beans white	8,486,546	62.63	14.41	20.5	0.59	0.03	1.84
Horse beans red	3,233,901	56.84	15.79	24.44	0.84	0.02	2.07
Field peas	1,597,395	61.73	12.52	23.73	0.47	0.2	1.36
Haricot beans	3,804,995	65.72	10.41	21.83	0.5	0.22	1.32
Chick – peas	4,726,114	56.93	14.1	25.36	0.71	0.3	2.61
Lentils	1,339,336	35.72	16.49	45.79	0.42		1.58
Vetch	2,876,744	51.76	14.76	28.2	0.83	0.65	3.8
Soya beans	812,418	29.85	12.94	54.55	0.79	0.34	1.53
Fenugreek	356,538	53.45	12.63	32.77	0.09		1.06
Masho	271,590	11.99	14.02	70.37	0.4	0.02	3.2
Gibto	187,167	20.39	15.42	60.59	0.08		3.51
Oilseeds	7,848,093	33.34	11.26	52.94	0.96	0.05	1.45
Neug	2,563,272	23.13	11.39	62.85	1.32	0.01	1.29
Linseed	885,511	52.68	13.9	30.91	0.64	0.1	1.76
Groundnuts	1,039,395	24.13	15.76	56.7	1.42	0.01	1.98
Safflower	67,311	56.44	8.77	31.16	0.38	0.55	2.71
Sesame	2,742,174	16.83	10.08	70.82	1.24	0.01	1.02
Rapeseed	550,430	53.54	8.09	36.71	0.19	0.02	1.44
Vegetables	7,444,468	74.04	0.98	22.99	0.36	0.06	1.57
Lettuce	1,451	68.28		30.31			1.41
Head cabbage	463,177	64.9	0.31	32.47	0.21	0.4	1.7
Ethiopian cabbage	3,296,960	80.71	0.72	16.44	0.24	0.08	1.81
Tomatoes	591,563	63.63	0.62	33.92	0.39		1.44
Green peppers	458,537	78.15	0.56	19.61	0.14	0.01	1.53
Red peppers	2,627,908	65.7	1.74	30.62	0.67	0.01	1.27
Swiss chard	4,872	79.48	1.04	18.17			1.3
Root Crops	39,985,663	70.26	7.96	19.6	0.31	0.84	1.04
Beetroot	301,899	67.85	0.31	30.24	0.29		1.3
Carrot	167,514	52.08	0.46	45.96	0.05	0.03	1.42
Onion	2,648,494	55.06	4.98	38.57	0.14		1.25
Potatoes	9,432,334	66.1	14.06	18.34	0.19	0.12	1.19
Yam	522,502	76.25	6.71	16.34	0.17	0.02	0.51
Garlic	1,077,435	60.61	13.38	25.07	0.15	0.05	0.74
Taro / 'Godere'	12,112,218	78.35	9.46	9.9	0.43	0.85	1.01
Sweet potatoes	13,723,268	79.56	1.32	14.41	0.52	3.02	1.16
Permanent crops	27,111,795	52.38	0.45	43.43	0.56	0.83	2.34
Avocados	538,246	47.54	0.15	49.71	0.41	0.35	1.84
Bananas	4,401,344	45.66	0.43	51.01	0.31	0.52	2.07
Guavas	20,904	67.19	0.05	26.89	0.17	0.26	5.45
Lemons	66,541	40.71	0.5	53.56	0.25		4.97
Mangoes	1,003,515	55.92	0.32	39.57	0.38	0.11	3.71
Oranges	282,960	52.96	0.24	43.09	0.3	0.03	3.38
Papayas	481,156	69.92	0.22	27.13	0.23	0.1	2.41
Pineapples	2,762	51.38		48.09			0.53
Chat	2,026,966	25.81	0.5	69.57	0.34	0.04	3.74
Coffee	4,145,965	45.13	0.46	52.08	0.73	0.03	1.57
Hops (Gesho)	371,622	56.05	0.66	41.64	0.11	0.01	1.53
Sugar cane	13,769,814	42.57	0.73	48.89	0.3	5.24	2.27
Enset	53,101,368	80	0.49	13.64	1.19	2.65	2.04

TABLE 1.1: CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Tigray

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	15,663,285	68.65	10.93	16.42	0.59	0.77	2.65
Cereals	14,380,791	75.29	11.25	8.87	0.59	0.98	3.03
Teff	1,898,259	69.04	12.43	15.14	0.47	0.12	2.81
Barley	1,571,745	75.86	14.6	5.89	0.26	0.07	3.3
Wheat	1,760,966	72.17	14.66	7.76	0.48	0.37	4.56
Maize	1,379,090	81.62	8.39	4.25	0.45	2.87	2.42
Sorghum	6,246,448	76.97	9.46	8.97	0.97	1.06	2.58
Finger millet	1,506,149	72.78	10.56	12.24	0.81	0.27	3.34
Oats "Aja"	632	75	25	-	-	-	-
Rice	17,501	54.94	7.65	32.53	4	0.29	0.59
Pulses	515,442	73.9	10	13.85	0.24	0.02	1.99
Horse beans white	155,709	78.51	9.37	10.28	0.28	0.02	1.53
Horse beans red	70,617	70.18	14.27	13.48	-	-	2.07
Field peas	16,887	76.22	6.83	13.62	1.47	-	1.86
Haricot beans	2,240	91.89	2.42	5.68	-	-	-
Chick – peas	108,464	77.27	7.73	12.75	0.21	0.08	1.96
Lentils	61,846	49.84	12.06	35.6	-	-	2.5
Vetch	94,163	69.34	11.59	13.73	-	-	5.33
Soya beans	398	100	-	-	-	-	-
Fenugreek	4,261	73.21	11.5	15	-	-	0.29
Masho	858	30	5	65	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	767,052	18.04	9.64	70.59	0.97	0.06	0.71
Neug	48,339	36.6	9.07	52.89	0.56	-	0.89
Linseed	43,720	64.17	11.77	20.71	0.74	0.25	2.36
Groundnuts	2,536	29.44	12.78	57.78	-	-	-
Safflower	20	95	5	-	-	-	-
Sesame	672,437	3.97	9.27	85.29	1.11	0.03	0.33
Rapeseed	-	-	-	-	-	-	-
Vegetables	91,765	83.88	0.87	13.96	0.17	-	1.12
Lettuce	804	61.53	-	36.47	-	-	2
Head cabbage	20,536	32	-	66.33	-	-	1.67
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	18,334	60.32	0.25	36.15	1.5	-	1.78
Green peppers	21,138	72.24	1.79	24.5	-	-	1.47
Red peppers	30,953	91.22	0.8	6.99	0.06	-	0.93
Swiss chard	-	-	-	-	-	-	-
Root Crops	87,301	51.91	6.5	39.06	0.47	-	2.06
Beetroot	-	-	-	-	-	-	-
Carrot	2,055	3.57	-	96.43	-	-	-
Onion	33,085	54.1	4.46	38.61	-	-	2.83
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	52,162	53.08	8.11	36.32	0.79	-	1.69
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	80,634	57.83	0.87	38.07	0.14	-	3.09
Avocados	-	-	-	-	-	-	-
Bananas	1,791	46.53	9.21	42.16	-	-	2.11
Guavas	4,043	61.28	-	35.83	0.5	-	2.4
Lemons	1,251	34.61	2.44	57.9	0.37	-	4.68
Mangoes	4,640	55.33	-	42.22	-	-	2.44
Oranges	1,726	57.39	3.48	38.04	-	-	1.09
Papayas	3,453	55.61	-	42.03	-	-	2.37
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	63,730	60.6	0.37	35.68	0.11	-	3.24
Sugar cane	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-

TABLE 1.1.1- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

North West Tigray

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	4,760,564	70.3	9.6	16.52	0.82	0.84	1.92
Cereals	4,506,667	75.29	10.15	10.35	0.86	1.03	2.31
Teff	591,229	70.69	11.85	14.87	0.76	-	1.82
Barley	4,188	95.68	2.05	2.27	-	-	-
Wheat	2,641	60	20	20	-	-	-
Maize	667,495	80.49	8.52	5.86	0.92	2.5	1.7
Sorghum	2,201,999	74.45	10.41	10.06	0.84	1.06	3.18
Finger millet	1,038,670	72.75	10.86	12.43	0.96	0.2	2.81
Oats "Aja"	-	-	-	-	-	-	-
Rice	445	30	10	60	-	-	-
Pulses	78,205	90.05	4.65	4.7	0.3	-	0.29
Horse beans white	20,916	94.41	3.44	1.84	0.31	-	-
Horse beans red	1,257	93.33	6.67	-	-	-	-
Field peas	923	95.38	4	-	-	-	0.62
Haricot beans	1,188	97.45	2.55	-	-	-	-
Chick – peas	53,601	82.48	6.43	10.05	0.43	-	0.6
Lentils	-	-	-	-	-	-	-
Vetch	*	-	-	-	-	-	-
Soya beans	*	-	-	-	-	-	-
Fenugreek	*	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	175,692	21	9.08	68.75	0.9	-	0.25
Neug	25,951	35.64	10.17	53.36	0.24	-	0.6
Linseed	5,719	67.43	15.4	17.17	-	-	-
Groundnuts	105	57.5	2.5	40	-	-	-
Safflower	4	95	5	-	-	-	-
Sesame	143,913	5.72	7.54	85.21	1.31	-	0.21
Rapeseed	-	-	-	-	-	-	-
Vegetables	25,254	90.55	0.85	7.54	0.21	-	0.84
Lettuce	10	25	-	75	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	3,273	71.47	0.59	23.82	2.35	-	1.76
Green peppers	332	100	-	-	-	-	-
Red peppers	21,638	91.79	0.87	6.45	0.1	-	0.8
Swiss chard	-	-	-	-	-	-	-
Root Crops	4,874	75	2.41	22.59	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	86	73.33	1.67	25	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	4,789	75.83	2.78	21.39	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	25,810	51.39	0.16	45.45	0.48	-	2.52
Avocados	-	-	-	-	-	-	-
Bananas	0	9	-	83.33	-	-	7.67
Guavas	868	59.11	-	35.89	-	-	5
Lemons	303	32.2	-	59.13	1	-	7.67
Mangoes	2,711	39.33	-	56.67	-	-	4
Oranges	424	28.75	-	71.25	-	-	-
Papayas	1,378	26.71	-	71.5	-	-	1.79
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	20,126	62.14	0.26	35.79	0.59	-	1.21
Sugar cane	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-

TABLE 1.1.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Central Tigray							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops	3,135,579	77.18	12.17	7.17	0.35	0.15	2.98
Cereals	2,954,877	78.5	12.49	5.41	0.31	0.18	3.11
Teff	824,308	69.85	14.19	11.63	0.6	0.21	3.53
Barley	289,422	81.99	13	2.92	-	-	2.1
Wheat	500,215	76.47	13.67	4.53	0.2	-	5.13
Maize	424,145	85.05	9.95	2.23	0.25	0.1	2.42
Sorghum	757,841	80.54	12.62	3.57	0.41	0.32	2.53
Finger millet	158,909	77.38	12.11	6.26	0.18	0.53	3.54
Oats "Aja"	*	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	150,582	76.79	10.58	9.37	0.4	0.03	2.83
Horse beans white	67,464	80.25	9.91	6.61	0.26	-	2.97
Horse beans red	5,309	79.81	11.48	5.19	-	-	3.52
Field peas	13,782	61.21	9.55	23.64	2.58	-	3.03
Haricot beans	-	-	-	-	-	-	-
Chick – peas	24,771	83.13	7.92	8.54	-	0.42	-
Lentils	15,884	57.81	19.38	18.13	-	-	4.69
Vetch	21,256	80.44	8.44	9.25	-	-	1.88
Soya beans	*	-	-	-	-	-	-
Fenugreek	1,842	87.86	7.5	3.93	-	-	0.71
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	30,121	52.77	11.5	33.7	1.09	-	0.94
Neug	4,512	66.58	12.11	18.42	2.89	-	-
Linseed	20,746	68.16	9.49	19.8	0.98	-	1.57
Groundnuts	-	-	-	-	-	-	-
Safflower	*	-	-	-	-	-	-
Sesame	4,848	12.5	15	72.12	-	-	0.38
Rapeseed	-	-	-	-	-	-	-
Vegetables	38,400	83.43	1.02	14.33	0.12	-	1.1
Lettuce	65	96.67	-	-	-	-	3.33
Head cabbage	*	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	7,797	68.33	-	26.67	5	-	-
Green peppers	10,196	73.03	1.64	24.34	-	-	0.98
Red peppers	3,192	94.08	0.5	4.25	-	-	1.17
Swiss chard	-	-	-	-	-	-	-
Root Crops	33,883	50.33	6.85	36.98	1.94	-	3.89
Beetroot	-	-	-	-	-	-	-
Carrot	1,946	10	-	90	-	-	-
Onion	10,036	55.24	5.24	30.24	-	-	9.29
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	21,901	48.38	8.13	39.75	3.28	-	0.47
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	18,337	56.39	0.98	36.38	-	-	6.24
Avocados	-	-	-	-	-	-	-
Bananas	295	55	15	29.17	-	-	0.83
Guavas	451	58	-	42	-	-	-
Lemons	89	58.75	-	41.25	-	-	-
Mangoes	230	55	-	40	-	-	5
Oranges	269	100	-	-	-	-	-
Papayas	80	100	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Geshe)	16,922	54.85	0.27	37.19	-	-	7.69
Sugar cane	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-

TABLE 1.1.3- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Eastern Tigray

Type of Crop	Total Production (Quintal)	Percent Utilized		For		Animal Feed	Others
		Household Consumption	Seed	Sale	Wages In kind		
Grain Crops	1,295,979	76.53	11.72	8.65	0.16	0.28	2.66
Cereals	1,159,496	77.55	12.52	6.14	0.19	0.36	3.24
Teff	88,513	76.46	11.7	9.43	0.19	-	2.22
Barley	436,603	75.42	14.65	5.68	0.17	0.14	3.93
Wheat	467,112	76.16	13.05	6.33	0.11	0.57	3.76
Maize	51,911	85.54	6.1	5.6	0.19	1.31	1.26
Sorghum	48,048	80.35	12.14	4.41	0.85	-	2.25
Finger millet	67,095	78.43	12.7	5.04	-	-	3.84
Oats "Aja"	64	75	25	-	-	-	-
Rice	*	-	-	-	-	-	-
Pulses	133,262	73.31	9.71	16	0.07	0.04	0.87
Horse beans white	42,165	75.17	8.7	15.12	0.16	0.08	0.78
Horse beans red	27,909	72.95	14.8	10.54	-	-	1.71
Field peas	*	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	12,440	60.35	7.41	31.06	-	-	1.18
Lentils	8,126	54.95	6.3	38.75	-	-	-
Vetch	41,425	75.74	10.75	12.57	-	-	0.94
Soya beans	-	-	-	-	-	-	-
Fenugreek	744	84.38	8.48	6.9	-	-	0.24
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	3,221	74.33	2.81	22.62	-	-	0.24
Neug	-	-	-	-	-	-	-
Linseed	3,221	74.33	2.81	22.62	-	-	0.24
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	10,577	55.9	2	40.85	-	-	1.25
Lettuce	600	41.33	-	55.33	-	-	3.33
Head cabbage	148	60	-	40	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	4,007	26	0.5	71.5	-	-	2
Green peppers	5,743	71.44	4.69	23.25	-	-	0.63
Red peppers	79	77.5	-	22.5	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	8,786	44	0.34	55.14	-	-	0.52
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	6,235	50.45	0.23	48.86	-	-	0.45
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	2,552	23.71	0.71	74.86	-	-	0.71
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	11,445	72.46	1.43	22.67	0.17	-	3.28
Avocados	-	-	-	-	-	-	-
Bananas	1	100	-	-	-	-	-
Guavas	484	81.82	-	14.55	1.82	-	1.82
Lemons	26	87.5	-	12.5	-	-	-
Mangoes	4	100	-	-	-	-	-
Oranges	71	68	16	16	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	10,859	70.51	0.93	24.8	-	-	3.77
Sugar cane	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-

TABLE 1.1.4- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Southern Tigray							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops	3,113,535	67.54	13.61	14.11	0.43	0.28	4.03
Cereals	2,948,692	70.73	13.12	11.33	0.46	0.31	4.05
Teff	328,024	66.93	11.9	18.07	0.04	0.23	2.83
Barley	805,693	71.72	15.14	8.59	0.52	0.03	4
Wheat	763,676	66.65	16.23	10.36	1.06	0.53	5.18
Maize	111,152	81.98	7.52	5.02	0.09	0.79	4.61
Sorghum	935,988	74.11	8.4	14.22	0.16	0.19	2.91
Finger millet	3,614	56.67	25	7.22	-	-	11.11
Oats "Aja"	*	-	-	-	-	-	-
Rice	*	-	-	-	-	-	-
Pulses	147,815	53.1	14.82	28.13	0.08	-	3.87
Horse beans white	22,285	52.77	19.64	27.17	0.32	-	0.11
Horse beans red	35,861	58.95	15.91	23.25	-	-	1.89
Field peas	1,469	97.67	2	0.33	-	-	-
Haricot beans	965	82.14	2.43	15.43	-	-	-
Chick – peas	16,508	63.87	13.47	10.67	-	-	12
Lentils	37,767	35.34	9.69	52.83	-	-	2.14
Vetch	31,280	44.76	16.1	20.1	-	-	19.05
Soya beans	9	100	-	-	-	-	-
Fenugreek	1,672	45.31	19.69	35	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	17,028	49.31	19.48	25.48	0.98	0.66	4.1
Neug	163	66.67	16.67	16.67	-	-	-
Linseed	12,858	53.24	15.89	23.09	1.33	0.89	5.56
Groundnuts	2,431	21.43	15.71	62.86	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	1,575	43.67	52.17	4.17	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	9,733	53.27	-	43.48	-	-	3.25
Lettuce	100	65	-	35	-	-	-
Head cabbage	3,050	22.22	-	75	-	-	2.78
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	1,860	51.7	-	45.1	-	-	3.2
Green peppers	3,133	66	-	29	-	-	5
Red peppers	1,591	56.44	-	40.78	-	-	2.78
Swiss chard	-	-	-	-	-	-	-
Root Crops	31,067	32.25	10.32	54.54	-	-	2.88
Beetroot	-	-	-	-	-	-	-
Carrot	108	2.5	-	97.5	-	-	-
Onion	13,193	25.88	9.12	65	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	17,766	40.22	12.61	42.44	-	-	4.72
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	9,382	49.07	0.9	49.82	-	-	0.2
Avocados	-	-	-	-	-	-	-
Bananas	17	14	28.33	57	-	-	0.67
Guavas	106	50.33	-	49	-	-	0.67
Lemons	165	4	-	96	-	-	-
Mangoes	*	-	-	-	-	-	-
Oranges	83	59	-	41	-	-	-
Papayas	48	100	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Geshe)	8,273	46.6	-	53.21	-	-	0.19
Sugar cane	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-

TABLE 1.1.5- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Western Tigray							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	3,357,628	55.15	8.64	31.3	0.97	1.91	2.03
Cereals	2,811,059	73.67	8.66	11.23	0.98	2.76	2.7
Teff	66,185	61.04	9.96	25.28	0.4	-	3.31
Barley	35,840	67.94	22.06	6.23	0.51	0.3	2.96
Wheat	27,322	64.63	18.29	14.5	0.19	-	2.38
Maize	124,387	78.7	7.65	4.02	0.35	6.55	2.72
Sorghum	2,302,573	76.97	7.13	10.33	1.56	1.82	2.19
Finger millet	237,862	68.02	7.68	19.07	1.35	0.3	3.57
Oats "Aja"	-	-	-	-	-	-	-
Rice	16,890	56.5	7.5	30.81	4.25	0.31	0.63
Pulses	5,579	86.05	6.16	6.65	0.48	-	0.67
Horse beans white	2,879	85.65	6.33	6.23	0.75	-	1.05
Horse beans red	280	80.4	15	4.6	-	-	-
Field peas	259	95.83	2.83	1.33	-	-	-
Haricot beans	87	99	1	-	-	-	-
Chick – peas	1,145	84.83	6.17	9	-	-	-
Lentils	70	100	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	1	80	-	20	-	-	-
Masho	858	30	5	65	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	540,990	7.18	8.85	82.41	1	0.03	0.53
Neug	17,713	29.47	7.61	61.44	0.23	-	1.25
Linseed	1,175	61.8	12.8	21.2	0.6	-	3.6
Groundnuts	-	-	-	-	-	-	-
Safflower	*	-	-	-	-	-	-
Sesame	522,101	2.7	8.97	86.81	1.13	0.04	0.36
Rapeseed	-	-	-	-	-	-	-
Vegetables	7,802	88.16	0.81	9.87	0.21	-	0.95
Lettuce	30	100	-	-	-	-	-
Head cabbage	188	40	-	60	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	1,397	71.1	-	25.9	1.75	-	1.25
Green peppers	1,733	74.13	1.25	23.69	-	-	0.94
Red peppers	4,453	94.08	0.92	4.06	-	-	0.94
Swiss chard	-	-	-	-	-	-	-
Root Crops	8,691	67.65	7.31	23.83	-	-	1.2
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	3,536	80	6.07	11.79	-	-	2.14
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	5,155	63.33	7.75	28.05	-	-	0.88
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	15,660	58.09	0.9	38.27	-	-	2.73
Avocados	-	-	-	-	-	-	-
Bananas	1,478	57	-	41	-	-	2
Guavas	2,134	39	-	55.6	-	-	5.4
Lemons	668	30.24	5.88	59.35	-	-	4.53
Mangoes	1,004	56.67	-	43.33	-	-	-
Oranges	880	52.86	-	43.57	-	-	3.57
Papayas	1,948	58.69	-	37.25	-	-	4.06
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	7,550	66.17	0.2	31.68	-	-	1.95
Sugar cane	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-

TABLE 1.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Afar

Type of Crop	Total Production (Quintal)	Percent Utilized		For		Animal Feed	Others
		Household Consumption	Seed	Sale	Wages In kind		
Grain Crops	71,341	73.95	6.5	14.5	1.17	0.23	3.65
Cereals	71,130	75.51	6.5	13.01	1.01	0.24	3.73
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	56,397	73.97	6.48	14.23	0.94	0.26	4.12
Sorghum	14,733	90.19	6.73	1.35	1.73	-	-
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	*	-	-	-	-	-	-
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	*	-	-	-	-	-	-
Haricot beans	*	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	145	12.86	6.43	72.86	7.14	-	0.71
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	145	12.86	6.43	72.86	7.14	-	0.71
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 1.2.1- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Zone 1

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops	7,235	67.77	6.75	19.05	0.94	0.03	5.47
Cereals	7,155	68.21	6.66	18.65	0.95	0.03	5.5
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	7,127	67.94	6.65	18.86	0.96	0.03	5.56
Sorghum	28	92.5	7.5	-	-	-	-
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	*	-	-	-	-	-	-
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	*	-	-	-	-	-	-
Haricot beans	*	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	14	27.5	15	55	-	-	2.5
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	14	27.5	15	55	-	-	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 (Geshe)	-	-	-	-	-	-	-
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		Wages In kind	Animal Feed	Others
Grain Crops	64,106	85.67	6.03	5.88	1.6	0.62	0.21
Cereals	63,975	89.95	6.2	1.85	1.14	0.65	0.22
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	49,270	89.93	6.03	1.99	0.88	0.88	0.29
Sorghum	14,705	90	6.67	1.46	1.88	-	-
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	131	7	3	80	10	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	131	7	3	80	10	-	-
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 1.3- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Amhara Region							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops	87,464,268	61.44	12.54	21.39	1.01	0.2	3.42
Cereals	73,973,736	67.95	12.06	14.94	1.12	0.24	3.7
Teff	17,570,224	58.29	11.41	24.44	1.41	0.1	4.35
Barley	5,759,048	67.64	18.91	8.97	0.76	0.3	3.42
Wheat	12,219,043	63.8	16.36	14.42	1.05	0.18	4.2
Maize	18,143,268	77.01	6.77	12.45	0.89	0.46	2.42
Sorghum	13,669,612	74.97	9.6	10.08	1	0.24	4.1
Finger millet	5,492,752	70.08	11.19	12.79	1.95	0.04	3.96
Oats "Aja"	37,802	65.81	22.94	7.65	-	-	3.61
Rice	1,081,985	48.88	15.06	29.88	1.84	-	4.35
Pulses	10,841,500	51.2	14.98	29.73	0.75	0.13	3.21
Horse beans white	2,830,347	64.37	15.99	16.08	0.67	0.07	2.82
Horse beans red	1,150,356	58.75	15.84	21.18	1.07	-	3.16
Field peas	589,184	40.46	15.52	40.96	0.37	0.11	2.59
Haricot beans	674,502	44.97	13.84	37.19	0.83	-	3.17
Chick – peas	2,188,727	59.98	14.09	20.99	0.99	0.2	3.75
Lentils	717,612	28.83	17.23	51.05	0.45	-	2.44
Vetch	1,790,536	53.5	13.74	25.58	1.3	0.6	5.28
Soya beans	233,095	15.97	14.17	65.9	-	3.45	0.52
Fenugreek	232,752	47.52	11.51	39.41	0.1	-	1.45
Masho	247,423	6.99	12.84	76.22	0.3	0.01	3.63
Gibto	186,968	20.39	15.42	60.59	0.08	-	3.51
Oilseeds	2,649,032	45.01	9.57	42.25	0.93	0.09	2.15
Neug	731,282	28.98	9.86	57.3	1.47	-	2.39
Linseed	140,881	62.57	13.12	21.31	0.53	0.09	2.37
Groundnuts	52,688	30.45	12.72	54.16	2.33	-	0.33
Safflower	57,021	53.62	8.3	33.2	0.38	0.78	3.72
Sesame	1,339,215	34.13	8.96	54.03	1.54	-	1.33
Rapeseed	327,945	51.57	6.47	39.53	0.3	-	2.13
Vegetables	1,472,260	77.14	1.22	20.11	0.36	0.01	1.16
Lettuce	-	-	-	-	-	-	-
Head cabbage	106,213	61.77	0.11	36.77	0.02	-	1.32
Ethiopian cabbage	90,490	88.19	1.27	8.52	0.27	-	1.75
Tomatoes	319,971	63.92	0.33	34.63	-	-	1.11
Green peppers	85,211	77.28	0.22	22.12	-	-	0.38
Red peppers	869,160	77.4	1.65	19.26	0.53	0.01	1.13
Swiss chard	1,215	88.44	0.56	8.89	-	-	2.11
Root Crops	5,427,751	66.95	9.55	22.13	0.07	0.06	1.24
Beetroot	23,784	54.38	-	44.5	-	-	1.13
Carrot	23,459	46.67	0.05	50.08	-	-	3.2
Onion	1,431,956	51.05	4.82	42.78	0.01	-	1.33
Potatoes	3,396,299	76.74	9.5	11.8	0.16	0.03	1.77
Yam	-	-	-	-	-	-	-
Garlic	494,596	65.6	12.85	20.74	0.01	0.1	0.7
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	57,657	85.51	4.28	9.79	0.43	-	-
Permanent crops	1,930,353	56.87	0.59	40.84	0.1	0.08	1.52
Avocados	-	-	-	-	-	-	-
Bananas	31,921	44.37	0.09	54.95	-	-	0.58
Guavas	6,519	64.45	0.16	32.84	-	-	2.55
Lemons	44,204	39.68	-	54.18	-	-	6.15
Mangoes	48,790	53	0.82	44.23	-	-	1.95
Oranges	76,263	37.38	0.14	60.57	-	-	1.91
Papayas	30,336	54.6	0.8	40.13	-	0.21	4.26
Pineapples	-	-	-	-	-	-	-
Chat	68,059	15.06	0.76	81.75	0.03	-	2.4
Coffee	29,683	68.48	0.23	30.59	0.02	-	0.68
Hops (Gesho)	217,613	67.62	0.79	30.35	0.15	0.01	1.08
Sugar cane	1,376,965	25.99	-	71.36	0.5	0.58	1.56
Enset	-	-	-	-	-	-	-

TABLE 1.3.1- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

North Gonder							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	16,513,489	59.02	11.22	24.77	1.85	0.38	2.76
Cereals	13,478,481	67.94	11.07	15.81	1.94	0.25	2.99
Teff	2,093,571	56.59	10.76	27.92	2.35	-	2.38
Barley	1,010,158	64.74	17.94	11.85	2.3	-	3.17
Wheat	1,414,485	68.03	16.38	10.91	1.73	-	2.95
Maize	2,139,742	75.5	7.28	12.03	1.33	0.9	2.95
Sorghum	4,974,285	71.24	9.65	13.27	2.1	0.12	3.62
Finger millet	1,751,746	68.42	9.45	17.11	2.1	0.11	2.81
Oats "Aja"	5,187	55	21.25	22.5	-	-	1.25
Rice	89,307	65.83	16.67	13.75	1.67	-	2.08
Pulses	1,660,206	50.38	13.81	30.53	1.48	0.82	2.98
Horse beans white	397,159	60.82	13.81	22.31	1.05	-	2.01
Horse beans red	202,088	60.61	16.3	17.42	2.23	-	3.44
Field peas	15,530	81.86	4.57	13.57	-	-	-
Haricot beans	25,052	77.56	16	2.78	-	-	3.67
Chick – peas	757,046	47.94	12.97	35.6	1.7	0.65	1.14
Lentils	105,943	15.11	21.07	60.57	-	-	3.26
Vetch	89,322	30.25	6	33.25	4	9.88	16.63
Soya beans	3,198	27.67	15.67	56.67	-	-	-
Fenugreek	63,762	26.19	10.86	62.14	0.81	-	-
Masho	1,105	82.5	12.5	-	-	-	5
Gibto	-	-	-	-	-	-	-
Oilseeds	1,374,803	25.86	8.13	62.4	1.95	0.37	1.29
Neug	183,068	16.75	9.8	72.2	0.5	-	0.75
Linseed	28,828	59.34	12.28	24.11	1.64	0.82	1.8
Groundnuts	202	80.67	19.33	-	-	-	-
Safflower	16,800	21.57	2.52	70.76	0.38	4.76	-
Sesame	1,127,139	6.15	7.01	82.08	3.4	-	1.36
Rapeseed	18,766	70.34	6.45	21.32	-	-	1.89
Vegetables	132,148	76.52	2.19	20.15	0.34	0.02	0.78
Lettuce	-	-	-	-	-	-	-
Head cabbage	5,668	73.21	-	26.79	-	-	-
Ethiopian cabbage	8,745	94.33	-	5.33	-	-	0.33
Tomatoes	716	53.33	-	46.67	-	-	-
Green peppers	8,545	67.37	-	32.63	-	-	-
Red peppers	108,306	76.64	2.65	19.3	0.43	0.02	0.96
Swiss chard	168	89.5	2.5	8	-	-	-
Root Crops	622,743	70.56	8.01	20.26	0.02	-	1.15
Beetroot	-	-	-	-	-	-	-
Carrot	50	93.33	-	6.67	-	-	-
Onion	95,275	30.07	2.14	67.79	-	-	-
Potatoes	420,085	86.95	3.07	8.22	0.04	-	1.72
Yam	-	-	-	-	-	-	-
Garlic	104,328	61.9	14.93	22.28	-	-	0.89
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	3,006	100	-	-	-	-	-
Permanent crops	42,260	49.43	2.18	44.73	0.05	-	3.62
Avocados	-	-	-	-	-	-	-
Bananas	296	10	-	90	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	17,700	9.09	-	73.18	-	-	17.73
Mangoes	171	5	-	95	-	-	-
Oranges	835	13.33	-	86.67	-	-	-
Papayas	3,773	39.58	-	47.71	-	-	12.71
Pineapples	-	-	-	-	-	-	-
Chat	475	50	-	50	-	-	-
Coffee	1,048	65.22	-	34.78	-	-	-
Hops (Gesho)	17,962	57.15	3.56	38.61	0.08	-	0.61
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		Wages In kind	Animal Feed	Others
Grain Crops	9,587,356	60.87	15.22	19.29	2.27	0.02	2.34
Cereals	7,594,072	68.61	14.5	12.12	2.38	0.03	2.36
Teff	2,137,701	63.35	14.22	16.26	3.41	0.06	2.7
Barley	470,899	66.02	20.91	8.21	1.65	-	3.21
Wheat	1,493,933	65.91	18.47	10.92	2.19	-	2.5
Maize	1,415,599	79.05	10.03	8.08	1.15	0.04	1.64
Sorghum	654,905	70.96	11.39	11.35	4.82	0.13	1.35
Finger millet	495,554	71.53	13.26	10.59	2.36	-	2.26
Oats "Aja"	720	80	8.33	11.67	-	-	-
Rice	924,761	45.53	15.61	33.05	2.06	-	3.75
Pulses	1,728,713	51.75	17.95	25.57	2.12	-	2.61
Horse beans white	244,406	56.05	17.37	22.94	1.36	-	2.28
Horse beans red	153,653	60.18	16.75	17.22	2.7	-	3.15
Field peas	147,055	21.77	27.02	45.06	0.62	-	5.53
Haricot beans	64,839	35.14	26.08	34.46	4.05	-	0.27
Chick – peas	377,524	62.22	16.9	16.22	2.17	-	2.48
Lentils	30,843	20.5	19.34	53.32	2.24	-	4.6
Vetch	668,003	53.29	16.32	25.43	2.69	-	2.26
Soya beans	-	-	-	-	-	-	-
Fenugreek	465	78.57	1.43	20	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	41,926	34.18	20.64	44.46	-	-	0.71
Oilseeds	264,570	36.87	12.16	47.57	1.97	-	1.43
Neug	171,922	14.14	11.04	68.79	4.96	-	1.07
Linseed	32,496	60.96	16.02	19.54	0.71	-	2.76
Groundnuts	150	80	20	-	-	-	-
Safflower	3,442	77.69	10.77	11.54	-	-	-
Sesame	25,600	21.86	20.05	57.62	-	-	0.48
Rapeseed	30,960	39.47	7.88	51.47	0.12	-	1.06
Vegetables	68,570	81.71	1.61	16.18	0.13	-	0.36
Lettuce	-	-	-	-	-	-	-
Head cabbage	827	70	-	30	-	-	-
Ethiopian cabbage	5,253	100	-	-	-	-	-
Tomatoes	42	100	-	-	-	-	-
Green peppers	5,607	82.76	0.18	17.06	-	-	-
Red peppers	56,444	79.18	2.11	18.06	0.18	-	0.48
Swiss chard	396	97.5	-	2.5	-	-	-
Root Crops	1,459,331	75.3	10.73	12.25	0.05	-	1.68
Beetroot	27	50	-	50	-	-	-
Carrot	66	78	-	1.67	-	-	20.33
Onion	46,843	41.59	3.64	52.5	-	-	2.27
Potatoes	1,358,510	79.7	10.84	7.28	0.08	-	2.09
Yam	-	-	-	-	-	-	-
Garlic	53,886	73.59	11.9	14.1	-	-	0.4
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	30,684	61.06	0.75	36.2	0.24	0.1	1.65
Avocados	-	-	-	-	-	-	-
Bananas	78	13.46	-	85.38	-	-	1.15
Guavas	8	95	5	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	207	100	-	-	-	-	-
Oranges	84	28	-	70	-	-	2
Papayas	1,272	50	-	45.56	-	2.78	1.67
Pineapples	-	-	-	-	-	-	-
Chat	2,053	-	-	100	-	-	-
Coffee	211	78.33	-	21.67	-	-	-
Hops (Geshe)	18,660	68.41	0.89	28.52	0.3	0.03	1.85
Sugar cane	8,109	8	-	92	-	-	-
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	3,336,285	66.82	13.63	15.7	0.15	0.13	3.58
Cereals	2,867,178	72.86	13.47	9.45	0.2	0.19	3.83
Teff	731,615	68	10.86	15.26	0.42	-	5.46
Barley	477,424	75.75	16.54	5.5	0.07	-	2.14
Wheat	474,444	69.77	16.92	8.45	0.21	-	4.65
Maize	115,074	82.37	11.4	3.34	-	1.55	1.34
Sorghum	1,034,857	74.23	11.15	9.99	0.19	0.18	4.25
Finger millet	15,973	77.42	10.97	9.84	-	-	1.77
Oats "Aja"	11,776	67.04	21.04	9.74	-	-	2.17
Rice	*	-	-	-	-	-	-
Pulses	437,572	54.93	14.18	27.76	0.04	-	3.08
Horse beans white	135,859	66.67	15.59	14.06	0.11	-	3.57
Horse beans red	73,982	56.07	18.01	23.79	-	-	2.13
Field peas	50,922	61.76	8.82	26.79	-	-	2.63
Haricot beans	11,687	45.41	12.82	38.82	-	-	2.94
Chick – peas	80,232	66.6	10.15	16.34	-	-	6.91
Lentils	55,374	28.55	14.97	54.73	-	-	1.75
Vetch	10,282	63.25	9.78	23.84	-	-	3.13
Soya beans	*	-	-	-	-	-	-
Fenugreek	18,712	37.25	12.79	49.43	0.15	-	0.37
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	31,535	55.71	12.84	28.34	-	-	3.11
Neug	5,318	48.67	5.67	42.33	-	-	3.33
Linseed	17,248	57.89	15.56	24.36	-	-	2.18
Groundnuts	-	-	-	-	-	-	-
Safflower	3,930	54.64	6.07	27.14	-	-	12.14
Sesame	4,819	46.13	5.63	45.13	-	-	3.13
Rapeseed	220	60.18	16.18	23.64	-	-	-
Vegetables	242,820	77.57	1.67	17.62	0.02	-	3.12
Lettuce	-	-	-	-	-	-	-
Head cabbage	703	56.67	-	37.22	-	-	6.11
Ethiopian cabbage	11,540	85.36	2.81	8.25	-	-	3.58
Tomatoes	212,527	16.67	-	81.67	-	-	1.67
Green peppers	3,917	57.14	0.48	41.19	-	-	1.19
Red peppers	14,108	77.83	0.83	19.19	0.06	-	2.08
Swiss chard	26	83.75	-	6.25	-	-	10
Root Crops	245,680	54.91	12.64	30.55	-	-	1.89
Beetroot	12	10	-	90	-	-	-
Carrot	3,182	22.17	-	69.5	-	-	8.33
Onion	109,953	29.19	6.22	63.78	-	-	0.81
Potatoes	95,615	77.05	6.99	13.69	-	-	2.27
Yam	-	-	-	-	-	-	-
Garlic	21,184	47.14	20.23	31.01	-	-	1.62
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	15,735	10	-	90	-	-	-
Permanent crops	86,321	51.87	0.46	46.53	-	-	1.14
Avocados	-	-	-	-	-	-	-
Bananas	2,234	50.38	-	49.62	-	-	-
Guavas	851	78.08	-	21.15	-	-	0.77
Lemons	209	43.33	-	56.67	-	-	-
Mangoes	2,045	41.67	-	57.22	-	-	1.11
Oranges	1,926	38.57	-	61.43	-	-	-
Papayas	6,298	50	-	48	-	-	2
Pineapples	-	-	-	-	-	-	-
Chat	144	8.61	-	84.72	-	-	6.67
Coffee	1,330	63.94	-	35.53	-	-	0.53
Hops (Gesho)	7,091	53.32	0.92	44.72	-	-	1.04
Sugar cane	64,193	8.57	-	90	-	-	1.43
Enset	-	-	-	-	-	-	-

TABLE 1.3.4- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

South Wolo							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	7,571,866	64.8	14.07	17.64	0.42	0.1	2.96
Cereals	6,180,397	72.38	13.77	9.7	0.6	0.09	3.46
Teff	1,774,815	70.81	9.71	13.57	0.8	0.06	5.06
Barley	522,945	70.17	18.9	8.24	0.18	0.03	2.49
Wheat	2,206,479	66.88	17.74	10.73	0.75	0.25	3.65
Maize	234,865	84.12	10.96	3.76	-	-	1.16
Sorghum	1,391,836	77.79	8.97	8.4	0.87	0.04	3.93
Finger millet	33,013	79.63	8.81	9.38	2.19	-	-
Oats "Aja"	16,428	61.89	27.93	6.48	-	-	3.7
Rice	*	-	-	-	-	-	-
Pulses	1,348,993	51.95	15.66	29.67	0.11	0.13	2.48
Horse beans white	251,731	65.52	17.4	14.92	-	0.44	1.71
Horse beans red	177,890	60.58	15.18	22.71	-	-	1.54
Field peas	73,424	41.54	15.06	40.5	1.2	0.6	1.1
Haricot beans	8,524	90.83	5.28	3.89	-	-	-
Chick – peas	257,128	54.48	15.83	26.76	0.04	-	2.89
Lentils	135,404	36.18	17.97	42.48	0.19	-	3.17
Vetch	300,884	51.9	15.38	29.14	-	-	3.58
Soya beans	712	76.67	6.67	16.67	-	-	-
Fenugreek	101,823	39.04	13.22	45.97	-	-	1.76
Masho	41,475	13.65	10.38	63.85	0.77	-	11.35
Gibto	-	-	-	-	-	-	-
Oilseeds	42,476	67.73	8.79	21.5	0.56	-	1.43
Neug	21,983	66.44	7.57	22.46	-	-	3.52
Linseed	9,907	75.35	9.44	14.22	0.12	-	0.86
Groundnuts	*	-	-	-	-	-	-
Safflower	2,927	11.67	6	82.33	-	-	-
Sesame	6,946	70.77	5.46	21.08	2.69	-	-
Rapeseed	655	46.48	15.7	37.39	-	-	0.43
Vegetables	89,493	83.59	1.02	13.39	0.44	-	1.56
Lettuce	-	-	-	-	-	-	-
Head cabbage	1,625	63.75	-	36.25	-	-	-
Ethiopian cabbage	23,086	90.21	0.69	7.29	1.25	-	0.56
Tomatoes	17,886	62.73	-	36.82	-	-	0.45
Green peppers	5,275	89.55	-	9.25	-	-	1.2
Red peppers	41,227	80.68	1.82	14.66	-	-	2.84
Swiss chard	394	91.67	-	8.33	-	-	-
Root Crops	187,323	62.17	12.39	24.2	-	-	1.24
Beetroot	1,853	67	-	33	-	-	-
Carrot	2,722	67.8	-	32.2	-	-	-
Onion	75,315	43.05	8.81	41.95	-	-	6.19
Potatoes	44,611	76.04	7.41	15.75	-	-	0.8
Yam	-	-	-	-	-	-	-
Garlic	59,704	57.87	17.22	23.97	-	-	0.95
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	3,118	95	-	5	-	-	-
Permanent crops	353,516	43	0.63	52.87	-	-	3.5
Avocados	-	-	-	-	-	-	-
Bananas	2,775	30.25	-	69.75	-	-	-
Guavas	1,786	50.26	-	46.84	-	-	2.89
Lemons	1,090	30	-	67.5	-	-	2.5
Mangoes	6,964	57.5	-	34.5	-	-	8
Oranges	48,045	30.98	-	65.48	-	-	3.54
Papayas	2,804	61.92	-	37.25	-	-	0.83
Pineapples	-	-	-	-	-	-	-
Chat	37,791	26.5	1.81	67.6	-	-	4.1
Coffee	10,032	59.59	0.61	38.06	-	-	1.74
Hops (Gesho)	5,937	56.83	0.28	38.22	-	-	4.66
Sugar cane	236,294	13.35	-	83.12	-	-	3.53
Enset	-	-	-	-	-	-	-

TABLE 1.3.5- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

North Shewa							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	11,376,271	61.32	14.6	19.91	0.35	0.19	3.62
Cereals	9,317,446	67.39	13.17	14.53	0.4	0.26	4.25
Teff	2,340,594	54.51	11.02	29.07	0.89	0.04	4.47
Barley	1,570,325	72.57	17.94	5.61	0.14	0.58	3.16
Wheat	1,971,375	68.54	17.03	9.77	0.29	0.25	4.11
Maize	166,630	79.84	9.62	7.2	-	0.23	3.11
Sorghum	3,240,391	72.91	8.83	11.87	0.28	0.28	5.85
Finger millet	2,284	100	-	-	-	-	-
Oats "Aja"	971	40	60	-	-	-	-
Rice	*	-	-	-	-	-	-
Pulses	1,994,650	49.97	17.76	29.41	0.31	0.03	2.53
Horse beans white	851,180	66.25	17.9	12.48	0.18	0.05	3.15
Horse beans red	222,677	54.23	19.61	23.11	0.87	-	2.17
Field peas	17,570	42.92	9.17	43.75	-	-	4.17
Haricot beans	14,723	95	3.75	1.25	-	-	-
Chick – peas	314,351	68.35	16.1	14.1	0.45	-	1
Lentils	351,271	21.13	18.14	59.14	0.28	-	1.31
Vetch	51,462	32.42	22.58	41.67	-	0.3	3.03
Soya beans	-	-	-	-	-	-	-
Fenugreek	24,137	55.41	18.47	25.1	-	-	1.02
Masho	147,280	5.28	15.36	73.39	-	-	5.97
Gibto	-	-	-	-	-	-	-
Oilseeds	64,176	59.04	12.06	25.57	-	0.45	2.87
Neug	9,306	69.38	8.33	22.29	-	-	-
Linseed	35,575	49.59	16.64	31.31	-	-	2.46
Groundnuts	-	-	-	-	-	-	-
Safflower	10,086	47.79	12.11	29.84	-	3.16	7.11
Sesame	7,536	68.76	6.71	19.76	-	-	4.76
Rapeseed	1,674	96.67	3.33	-	-	-	-
Vegetables	115,329	80.61	0.93	17.29	-	0.04	1.13
Lettuce	-	-	-	-	-	-	-
Head cabbage	13,130	34.38	-	65.63	-	-	-
Ethiopian cabbage	21,195	92.65	0.18	6.2	-	-	0.96
Tomatoes	49,684	69.72	-	29.44	-	-	0.83
Green peppers	16,600	50.71	-	49.11	-	-	0.18
Red peppers	14,710	86.79	1.95	9.5	-	0.08	1.68
Swiss chard	10	100	-	-	-	-	-
Root Crops	1,044,519	68.63	7.14	23.51	0.01	-	0.71
Beetroot	164	55	-	40	-	-	5
Carrot	18	50	-	50	-	-	-
Onion	887,401	61.88	2.46	34.66	0.03	-	0.98
Potatoes	52,593	85.67	4.73	8.65	-	-	0.95
Yam	-	-	-	-	-	-	-
Garlic	100,314	69.03	12.68	17.98	-	-	0.3
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	4,029	82	-	18	-	-	-
Permanent crops	74,142	57.34	0.36	40.69	0.1	0.08	1.42
Avocados	-	-	-	-	-	-	-
Bananas	9,479	47.2	-	52.8	-	-	-
Guavas	123	75	-	25	-	-	-
Lemons	9,166	39.5	-	57.5	-	-	3
Mangoes	253	52.5	-	47.5	-	-	-
Oranges	6,794	50	-	48.75	-	-	1.25
Papayas	265	80	-	15	-	-	5
Pineapples	-	-	-	-	-	-	-
Chat	329	8.46	-	91.15	-	-	0.38
Coffee	1,496	70.15	1.08	28.38	-	-	0.38
Hops (Geshe)	7,174	67.28	0.38	30.5	0.11	-	1.73
Sugar cane	39,062	30.71	-	65	0.71	1.07	2.5
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		Wages In kind	Animal Feed	Others
Grain Crops	14,296,712	60.07	11.88	23.53	0.79	0.21	3.53
Cereals	12,120,833	64.64	10.99	19.56	0.81	0.32	3.69
Teff	4,606,686	54.53	10.39	30.04	0.96	0.01	4.08
Barley	879,655	66.99	18.9	8.7	0.65	0.07	4.69
Wheat	3,138,561	58.11	13.55	22.15	0.86	0.12	5.21
Maize	2,666,012	78.18	5.42	13.35	0.51	0.86	1.69
Sorghum	823,990	71.34	10.77	12.9	1.64	0.7	2.66
Finger millet	5,930	82.5	10	7.5	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	1,930,420	53.16	14.7	27.49	0.81	*	3.84
Horse beans white	505,430	64.53	16.38	15.75	0.88	-	2.46
Horse beans red	195,169	53.19	14.8	27.08	1.5	-	3.42
Field peas	212,170	16.35	19.48	64.02	0.16	-	-
Haricot beans	310,702	15.41	13.92	70.22	0.45	-	-
Chick – peas	162,121	62.89	12.43	17.47	0.71	-	6.5
Lentils	22,702	36.05	18.47	35.84	1.74	-	7.89
Vetch	476,859	58.37	12.42	20.9	0.74	0.01	7.56
Soya beans	*	-	-	-	-	-	-
Fenugreek	22,344	53.5	9.35	32.74	-	-	4.41
Masho	-	-	-	-	-	-	-
Gibto	21,227	33.18	8.18	58.64	-	-	-
Oilseeds	245,459	44.25	9.61	44.63	0.5	-	1
Neug	117,799	44.99	7.57	45.59	-	-	1.86
Linseed	7,782	43.12	23.53	28.06	-	-	5.29
Groundnuts	545	32.43	7.57	58.57	1.43	-	-
Safflower	5,061	46.33	9.67	44	-	-	-
Sesame	66,107	10.44	9.68	79.88	-	-	-
Rapeseed	48,165	54.41	8.65	35.76	1.18	-	-
Vegetables	114,806	72.13	1.01	26.04	0.1	-	0.73
Lettuce	-	-	-	-	-	-	-
Head cabbage	26,863	43.58	0.16	54.16	0.08	-	2.03
Ethiopian cabbage	3,249	91.25	-	8.75	-	-	-
Tomatoes	7,380	65.83	-	32.5	-	-	1.67
Green peppers	31,957	80.16	-	19.48	-	-	0.36
Red peppers	45,201	82.71	2.46	14.41	0.2	-	0.23
Swiss chard	156	41.67	-	58.33	-	-	-
Root Crops	769,318	50.17	12.32	35.89	0.24	0.1	1.28
Beetroot	17,050	45.63	-	53.44	-	-	0.94
Carrot	16,652	20.44	0.12	79.04	-	-	0.4
Onion	41,239	44	5.17	50.83	-	-	-
Potatoes	619,036	54.46	19.64	22.83	0.58	0.25	2.23
Yam	-	-	-	-	-	-	-
Garlic	75,342	56.55	12.62	30.06	-	-	0.77
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	72,641	73.23	0.35	25.25	0.15	-	1.01
Avocados	-	-	-	-	-	-	-
Bananas	1,786	50	-	50	-	-	-
Guavas	152	25	-	75	-	-	-
Lemons	84	91.67	-	8.33	-	-	-
Mangoes	*	-	-	-	-	-	-
Oranges	190	57.5	-	41.88	-	-	0.63
Papayas	683	-	15	85	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	177	14.29	-	85.71	-	-	-
Coffee	603	79.89	-	20.11	-	-	-
Hops (Gesho)	55,240	75.24	0.35	23.11	0.17	-	1.13
Sugar cane	13,716	34	-	66	-	-	-
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	Sale	Wages In kind	Animal Feed	Others
Grain Crops	15,318,506	58.47	10.65	23.78	3.19	0.15	3.76
Cereals	14,020,855	59.23	10.69	22.52	3.48	0.21	3.85
Teff	2,479,905	47.12	11.57	33.4	3.32	0.11	4.49
Barley	486,119	43.16	42.29	7.21	1.65	1.44	4.25
Wheat	844,177	56.41	14.9	20.09	4.57	0.02	4.01
Maize	8,707,170	67.5	2.71	23.26	2.91	0.16	3.46
Sorghum	63,602	50.73	15	30.54	2.51	-	1.22
Finger millet	1,420,298	68.6	10.24	11.78	5.31	0.07	4
Oats "Aja"	70	95	5	-	-	-	-
Rice	19,514	56.57	12.93	22.43	8.07	-	-
Pulses	905,780	63.86	11.59	18.26	2.71	0.04	3.53
Horse beans white	331,263	71.84	11.07	10.65	2.77	-	3.66
Horse beans red	61,537	67.39	14.08	9.76	2.9	-	5.87
Field peas	71,625	25.35	10.81	59.53	4.07	0.23	-
Haricot beans	49,642	36.41	8.91	50.38	1.97	-	2.34
Chick – peas	233,391	67.77	12.3	14.89	1.51	-	3.53
Lentils	-	-	-	-	-	-	-
Vetch	98,872	69.38	8.48	15.76	3.73	0.16	2.48
Soya beans	88	-	13.33	85	1.67	-	-
Fenugreek	303	80.5	8.43	11.07	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	59,058	42.5	17.07	33.5	2.38	-	4.55
Oilseeds	391,872	41.61	8.32	44.27	2.21	-	3.59
Neug	148,057	32.84	8.22	50.07	3.51	-	5.36
Linseed	7,567	68.79	11.21	13.93	2.5	-	3.57
Groundnuts	300	21.92	15.38	58.85	3.85	-	-
Safflower	9	-	20	80	-	-	-
Sesame	62,672	4.09	21.82	74.09	-	-	-
Rapeseed	173,267	46.86	6.38	42.38	1.37	-	3.01
Vegetables	225,388	83.07	0.49	14.64	0.78	0.24	0.78
Lettuce	-	-	-	-	-	-	-
Head cabbage	11,923	82.1	1.4	14.42	-	2.08	-
Ethiopian cabbage	1,066	75	-	25	-	-	-
Tomatoes	30	100	-	-	-	-	-
Green peppers	8,230	96.26	-	3.44	-	-	0.29
Red peppers	204,139	81.92	0.42	15.71	0.99	-	0.97
Swiss chard	-	-	-	-	-	-	-
Root Crops	337,798	77.3	7.28	14.15	0.47	-	0.8
Beetroot	2,052	59.71	-	40.29	-	-	-
Carrot	31	100	-	-	-	-	-
Onion	17,293	71	3.2	25.8	-	-	-
Potatoes	275,371	71	9.19	15.69	1.21	-	2.9
Yam	-	-	-	-	-	-	-
Garlic	39,074	81.42	8.42	9.52	0.34	-	0.29
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	3,978	88.64	-	11.36	-	-	-
Permanent crops	682,779	72.1	0.25	26.56	0.15	0.06	0.88
Avocados	-	-	-	-	-	-	-
Bananas	4,211	49.07	-	49.14	-	-	1.79
Guavas	1,041	80.77	-	19.23	-	-	-
Lemons	3,015	73.61	-	26.39	-	-	-
Mangoes	12,717	72.48	-	26.81	0.24	-	0.48
Oranges	10,277	56.56	-	42.19	0.94	-	0.31
Papayas	2,163	83.85	-	16.15	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	10,117	3.45	-	93.97	-	-	2.59
Coffee	9,569	83.29	0.24	16.29	-	-	0.18
Hops (Geshe)	87,647	80.86	0.33	18.04	0.19	0.1	0.48
Sugar cane	542,022	28.62	0.24	60.9	-	-	10.24
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		Wages In kind	Animal Feed	Others
Grain Crops	1,045,039	65.32	12.12	15.67	0.59	0.71	5.6
Cereals	869,378	68.41	11.67	12.46	0.53	0.94	5.98
Teff	208,185	65.08	11.87	16.65	0.76	1.03	4.61
Barley	151,516	65.92	14.84	10.23	0.34	1.48	7.19
Wheat	79,790	60.48	13.88	13.99	0.94	1.2	9.52
Maize	45,293	82.05	9.42	6.07	0.07	0.09	2.3
Sorghum	382,442	71.14	8.82	12.17	0.52	0.76	6.58
Finger millet	1,922	46.78	7.67	33.33	-	-	12.22
Oats "Aja"	-	-	-	-	-	-	-
Rice	*	-	-	-	-	-	-
Pulses	147,318	55.71	16.25	21.78	1.12	0.29	4.84
Horse beans white	51,588	58.16	16.92	17.74	1.41	-	5.76
Horse beans red	29,384	51.23	19.06	21.83	2.55	-	5.32
Field peas	22,998	68.35	11.06	16.47	-	-	4.12
Haricot beans	12,808	57.14	33.21	7.86	-	-	1.79
Chick - peas	14,480	64.32	14.59	12.43	-	2.03	6.62
Lentils	15,507	40.28	14.03	43.06	1.39	-	1.25
Vetch	*	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	402	55.91	7.27	31.14	-	-	5.68
Masho	-	-	-	-	-	-	-
Gibto	*	-	-	-	-	-	-
Oilseeds	28,343	60.61	9.08	25.71	0.21	-	4.39
Neug	1,145	62.14	7.86	20	-	-	10
Linseed	3,722	66.89	8.11	19.67	0.33	-	5
Groundnuts	-	-	-	-	-	-	-
Safflower	4,173	64.46	9.76	18.95	-	-	6.84
Sesame	19,298	50.45	10.3	37.16	0.22	-	1.87
Rapeseed	5	72	4	21	-	-	3
Vegetables	1,203	86.67	0.6	10.83	-	-	1.9
Lettuce	-	-	-	-	-	-	-
Head cabbage	241	82.5	2.5	10	-	-	5
Ethiopian cabbage	*	-	-	-	-	-	-
Tomatoes	70	95	-	5	-	-	-
Green peppers	682	80.63	0.63	18.44	-	-	0.31
Red peppers	153	90	-	5.71	-	-	4.29
Swiss chard	7	93.33	-	4.17	-	-	2.5
Root Crops	26,825	79.37	1.98	16.96	0.48	0.09	1.13
Beetroot	-	-	-	-	-	-	-
Carrot	7	66	-	32	-	-	2
Onion	262	73.13	1.88	23.75	-	-	1.25
Potatoes	23,744	87.38	1.06	10.17	1.06	-	0.32
Yam	-	-	-	-	-	-	-
Garlic	2,765	74.06	3.08	20.79	0.09	0.19	1.79
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	47	90	-	10	-	-	-
Permanent crops	5,195	51.76	-	44.65	-	1.53	2.06
Avocados	-	-	-	-	-	-	-
Bananas	941	46.67	-	50	-	-	3.33
Guavas	*	-	-	-	-	-	-
Lemons	78	12.5	-	75	-	-	12.5
Mangoes	*	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	123	32.5	-	67.5	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	1	-	-	100	-	-	-
Coffee	*	-	-	-	-	-	-
Hops (Gesho)	93	87.14	-	12.86	-	-	-
Sugar cane	3,796	20	-	67	-	13	-
Enset	-	-	-	-	-	-	-

1.3.9- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

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Type of Crop	Total Production (Quintal)	Percent Utilized		For		Animal Feed	Others
		Household Consumption	Seed	Sale	Wages In kind		
Grain Crops	6,679,639	59.9	10.92	22.86	2.07	0.15	4.1
Cereals	6,094,295	65.76	11.29	16.33	2.04	0.21	4.36
Teff	1,162,153	60.93	15.43	15.39	2.25	-	6
Barley	189,017	59.15	17.83	17.31	1.47	0.16	4.07
Wheat	413,834	48.43	18.42	26.28	2.5	0.09	4.29
Maize	2,702,699	75.39	3.75	16.27	1.73	0.5	2.36
Sorghum	89,355	31	7	53	9	-	-
Finger millet	1,530,844	66.78	13.26	11.31	2.33	-	6.32
Oats "Aja"	701	65	-	25	-	-	10
Rice	5,693	80	5	15	-	-	-
Pulses	337,980	51.63	12.58	28.89	2.02	-	4.88
Horse beans white	49,147	65.55	14.21	11.45	4.42	-	4.37
Horse beans red	28,824	71.26	9.47	10.92	1.05	-	7.29
Field peas	4,460	83.57	12.86	3.57	-	-	-
Haricot beans	12,172	77.67	12.56	3.67	6.11	-	-
Chick - peas	1,412	60	10	15	12.5	-	2.5
Lentils	*	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	191,782	1.36	8.09	90.55	-	-	-
Fenugreek	538	82.92	7.5	9.58	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	49,485	12.88	16.85	62.02	0.24	-	8
Oilseeds	247,364	37.05	7.99	50.43	2.23	-	2.3
Neug	106,874	6.57	10.55	76.19	2.02	-	4.67
Linseed	800	71.38	9.38	10.77	7.69	-	0.77
Groundnuts	41,206	11.67	11.11	67.5	9.17	-	0.56
Safflower	2,797	60	11.25	20	8.75	-	-
Sesame	32,875	-	6	85.67	8.33	-	-
Rapeseed	62,813	59.37	5.23	34.2	-	-	1.21
Vegetables	202,306	61.57	1.59	33.23	2.31	-	1.29
Lettuce	-	-	-	-	-	-	-
Head cabbage	7,025	69.7	-	29	-	-	1.3
Ethiopian cabbage	14,205	73.68	1.58	22.63	-	-	2.11
Tomatoes	22	100	-	-	-	-	-
Green peppers	1,558	95	-	4.69	-	-	0.31
Red peppers	179,452	50.48	2.24	42.3	3.56	-	1.43
Swiss chard	45	100	-	-	-	-	-
Root Crops	652,031	70.14	10	17.97	0.13	0.44	1.31
Beetroot	148	30	-	65	-	-	5
Carrot	654	75	-	25	-	-	-
Onion	45,311	41.74	22.17	36.09	-	-	-
Potatoes	564,955	75.44	10	12.3	-	-	2.27
Yam	-	-	-	-	-	-	-
Garlic	14,409	72.03	7.58	18.45	0.16	1.61	0.16
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	26,554	82.13	8.74	8.26	0.87	-	-
Permanent crops	259,959	59.64	0.86	38.35	0.02	0.47	0.66
Avocados	-	-	-	-	-	-	-
Bananas	4,291	45.3	0.45	54.24	-	-	-
Guavas	95	40	-	60	-	-	-
Lemons	4,489	64.58	-	34.58	-	-	0.83
Mangoes	17,061	57.44	2.96	38.67	-	-	0.93
Oranges	2,377	38.57	-	60	-	-	1.43
Papayas	10,323	41.5	-	52.44	-	-	6.06
Pineapples	-	-	-	-	-	-	-
Chat	473	-	-	94	-	-	6
Coffee	2,989	81.21	-	18.68	-	-	0.11
Hops (Gesho)	4,249	59.61	1.28	38.78	0.05	-	0.28
Sugar cane	213,613	53.85	-	46.15	-	-	-
Enset	-	-	-	-	-	-	-

TABLE 1.3.10- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Oromia Zone							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent	Utilized	For		
			Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	1,127,484	60.97	8.89	25.96	0.03	0.19	3.95
Cereals	1,043,790	71.46	7.92	15.12	0.05	0.29	5.17
Teff	102,963	37.1	6.55	50.93	-	-	5.42
Barley	4,042	77.86	6.07	16.07	-	-	-
Wheat	1,881	78.89	10.56	10.56	-	-	-
Maize	68,625	78.77	7.7	6.67	0.22	0.52	6.12
Sorghum	865,716	80.08	8.53	5.8	0.02	0.33	5.24
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	563	90	-	10	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	59,436	31.42	11.57	55.51	-	0.05	1.44
Horse beans white	2,164	87.5	-	12.5	-	-	-
Horse beans red	4,145	61	20.5	16.5	-	-	2
Field peas	829	40	8.33	51.67	-	-	-
Haricot beans	2,102	91.15	1.92	6.92	-	-	-
Chick – peas	4,974	67.27	5	27.45	-	0.27	-
Lentils	190	58.33	11.67	30	-	-	-
Vetch	*	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	51	98	2	-	-	-	-
Masho	44,872	8.39	13.78	75.77	-	0.05	2.01
Gibto	-	-	-	-	-	-	-
Oilseeds	24,259	56.46	9.39	31.85	-	-	2.31
Neug	437	100	-	-	-	-	-
Linseed	52	78	12	10	-	-	-
Groundnuts	8,349	35.39	12.18	52.03	-	-	0.39
Safflower	5,636	68	6.5	15.5	-	-	10
Sesame	8,903	65.21	8.11	24.81	-	-	1.88
Rapeseed	882	59.33	8.75	26.75	-	-	5.17
Vegetables	40,357	71.43	0.72	26.61	-	-	1.24
Lettuce	-	-	-	-	-	-	-
Head cabbage	1,778	65	-	35	-	-	-
Ethiopian cabbage	1,910	43.33	-	56.67	-	-	-
Tomatoes	29,529	51.21	1.58	44.58	-	-	2.63
Green peppers	1,154	70	1.82	28.18	-	-	-
Red peppers	5,986	79.45	0.32	19.1	-	-	1.13
Swiss chard	-	-	-	-	-	-	-
Root Crops	17,798	54.21	1.05	41.32	-	-	3.42
Beetroot	312	25	-	75	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	16,685	13.57	-	77.14	-	-	9.29
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	486	81	2	17	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	315	100	-	-	-	-	-
Permanent crops	166,187	31.54	0.75	65.25	0.06	-	2.39
Avocados	-	-	-	-	-	-	-
Bananas	2,346	30.42	-	63.75	-	-	5.83
Guavas	662	62.14	0.36	33.93	-	-	3.57
Lemons	7,241	34.47	-	60.79	-	-	4.74
Mangoes	6,420	35.16	0.78	62.5	-	-	1.56
Oranges	6,504	27.71	0.61	69.73	-	-	1.95
Papayas	3,269	60.56	4.44	33.33	-	-	1.67
Pineapples	-	-	-	-	-	-	-
Chat	17,580	19.54	0.94	76.89	0.09	-	2.54
Coffee	2,491	32.58	-	66.12	0.17	-	1.14
Hops (Gesho)	*	-	-	-	-	-	-
Sugar cane	119,667	7.5	-	91.25	-	-	1.25
Enset	-	-	-	-	-	-	-

TABLE 1.3.11- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Argoba Special Wereda

Type of Crop	Total Production (Quintal)	Percent Utilized		For		Animal Feed	Others
		Household Consumption	Seed	Sale	Wages In kind		
Grain Crops	87,009	62.15	10.57	25.25	0.24	0.03	1.76
Cereals	70,142	76.99	10.7	9.82	0.27	0.06	2.17
Teff	4,919	33.79	14.31	48.64	1.18	0.44	1.64
Barley	724	73.61	16.75	5.71	-	-	3.93
Wheat	325	67.92	13.25	16.33	-	-	2.5
Maize	4,668	88.8	8.79	1.02	-	-	1.4
Sorghum	58,654	83.56	9.33	4.75	0.2	-	2.16
Finger millet	10	65	29.5	3.75	-	-	1.75
Oats "Aja"	836	72.57	18.86	0.71	-	-	7.86
Rice	*	-	-	-	-	-	-
Pulses	13,844	30.18	10.48	57.62	0.33	-	1.39
Horse beans white	34	50	5	45	-	-	-
Horse beans red	475	67.73	10.91	18.41	-	-	2.95
Field peas	18	97	3	-	-	-	-
Haricot beans	236	75	10.94	14.06	-	-	-
Chick – peas	135	80.25	7.25	12.5	-	-	-
Lentils	217	38.87	11.33	49.8	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	*	-	-	-	-	-	-
Fenugreek	9	70.36	2.86	26.79	-	-	-
Masho	12,691	3.43	11.32	82.65	0.59	-	2.01
Gibto	*	-	-	-	-	-	-
Oilseeds	3,023	58.86	10.24	29.99	-	-	0.9
Neug	5	96.67	3.33	-	-	-	-
Linseed	50	71.9	10.84	17.1	-	-	0.16
Groundnuts	-	-	-	-	-	-	-
Safflower	536	58.98	8.05	31.14	-	-	1.82
Sesame	2,433	51.26	12.09	36.14	-	-	0.51
Rapeseed	-	-	-	-	-	-	-
Vegetables	578	88.87	0.11	10.87	-	-	0.14
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	45	100	-	-	-	-	-
Tomatoes	*	-	-	-	-	-	-
Green peppers	242	75.13	-	24.43	-	-	0.43
Red peppers	290	95.26	0.17	4.57	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	92	93.75	4.38	1.88	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	12	75	10	15	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	32	95.83	4.17	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	48	100	-	-	-	-	-
Permanent crops	894	44.15	-	52.94	-	-	2.91
Avocados	-	-	-	-	-	-	-
Bananas	190	18.33	-	81.67	-	-	-
Guavas	34	42.67	-	52	-	-	5.33
Lemons	52	33.88	-	57.88	-	-	8.25
Mangoes	84	33.21	-	64.29	-	-	2.5
Oranges	113	40.83	-	57.5	-	-	1.67
Papayas	16	54.5	-	44.5	-	-	1
Pineapples	-	-	-	-	-	-	-
Chat	72	7.22	-	92.22	-	-	0.56
Coffee	6	80.63	-	17.5	-	-	1.88
Hops (Gesho)	-	-	-	-	-	-	-
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	133,285,694	60.49	12.99	22.99	1	0.52	2
Cereals	117,225,102	65.41	12.72	17.67	1.14	0.72	2.35
Teff	22,156,258	54.86	14.59	27.07	1.39	0.29	1.8
Barley	9,800,863	63.7	17.86	14.57	0.78	1.33	1.76
Wheat	24,593,751	55.82	17.64	23.32	0.96	0.15	2.12
Maize	39,538,594	72.66	8.32	14.05	1.15	0.99	2.83
Sorghum	18,846,301	73.97	10.39	11.23	1.1	0.8	2.5
Finger millet	1,832,578	71.39	10.99	11.75	1.66	0.86	3.34
Oats "Aja"	357,771	64.47	16.26	15.78	0.24	0.82	2.43
Rice	98,986	38.8	9.89	44.02	5.43	-	1.85
Pulses	12,375,592	57.86	14	26.17	0.55	0.13	1.29
Horse beans white	4,446,355	61.46	14.85	21.5	0.55	0.02	1.61
Horse beans red	1,409,960	57.88	15.66	23.64	1.1	0.05	1.68
Field peas	900,416	62.11	12.66	23.67	0.32	0.3	0.94
Haricot beans	1,417,787	65.45	9.37	23.57	0.53	0.13	0.97
Chick – peas	2,213,138	49.05	16.6	32.53	0.42	0.16	1.23
Lentils	554,621	39.33	15.42	44.36	0.55	-	0.34
Vetch	982,607	45.58	17.01	35.17	0.25	0.91	1.08
Soya beans	318,326	39.25	13.31	43.99	0.89	0.08	2.48
Fenugreek	118,238	55.71	12.62	30.64	0.11	-	0.91
Masho	13,946	15	23.86	58.86	2.27	-	-
Gibto	*	-	-	-	-	-	-
Oilseeds	3,685,000	30.99	12.61	54.11	1.08	0.03	1.18
Neug	1,715,891	17.78	12.87	66.73	1.58	-	1.03
Linseed	696,548	36.65	15.37	45.78	0.84	0.11	1.25
Groundnuts	597,890	20.99	17.04	57.55	2.23	-	2.19
Safflower	6,026	59.86	11.37	28.25	-	-	0.53
Sesame	454,851	14.52	12.91	70.49	1.19	-	0.88
Rapeseed	213,795	54.74	8.61	35.41	0.11	0.04	1.08
Vegetables	2,928,725	72.7	1.05	23.98	0.36	0.02	1.89
Lettuce	647	72.5	-	26.46	-	-	1.04
Head cabbage	240,680	70.32	0.37	26.98	0.32	0.02	2
Ethiopian cabbage	949,376	81.3	0.81	15.64	0.06	0.04	2.15
Tomatoes	226,172	70.47	0.82	26.84	0.15	-	1.72
Green peppers	236,835	81.18	0.66	16.1	0.11	-	1.95
Red peppers	1,271,360	56.54	1.86	39.01	0.96	0.01	1.61
Swiss chard	3,657	73.71	1.36	24.14	-	-	0.79
Root Crops	15,697,259	68.8	7.77	21.39	0.18	0.53	1.33
Beetroot	211,823	71.17	0.27	26.54	0.24	-	1.79
Carrot	121,310	49.75	0.36	48.76	0.07	-	1.05
Onion	839,002	61.47	5.72	31.82	0.07	-	0.92
Potatoes	4,293,878	53.38	15.87	29.47	0.12	0.22	0.94
Yam	-	-	-	-	-	-	-
Garlic	389,676	60.65	14.39	24.09	0.16	-	0.72
Taro / 'Godere'	1,328,840	82.31	8.65	7.12	0.08	0.25	1.6
Sweet potatoes	8,512,730	79.77	1.74	14.21	0.34	1.99	1.95
Permanent crops	8,787,502	51.02	0.43	44.13	0.57	0.39	3.45
Avocados	239,873	47.91	0.1	49.1	0.07	0.02	2.81
Bananas	988,608	50.93	0.31	44.8	0.25	0.32	3.4
Guavas	7,058	66.38	-	23.05	0.24	0.53	9.8
Lemons	7,273	50.34	1.02	40.76	0.34	-	7.54
Mangoes	441,130	59.95	0.2	33.93	0.29	0.1	5.53
Oranges	84,982	63.34	0.38	31.34	0.28	-	4.66
Papayas	136,222	66.03	0.27	30.3	0.17	-	3.24
Pineapples	67	55.38	-	43.85	-	-	0.77
Chat	1,309,079	30.03	0.6	64.24	0.36	0.03	4.74
Coffee	2,586,655	47.09	0.36	49.55	0.92	0.01	2.08
Hops (Gesho)	88,495	45.2	0.76	52.17	0.08	-	1.78
Sugar cane	2,898,061	43.55	0.88	48.09	0.26	3.24	3.98
Enset	15,355,996	81.03	0.43	12.72	1.31	1.52	2.98

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		Wages In kind	Animal Feed	Others
Grain Crops	6,704,162	66.66	10.45	18.96	0.88	0.46	2.59
Cereals	6,193,237	73.53	10.67	11.14	0.95	0.64	3.07
Teff	380,292	70.68	16.34	9.4	1.35	0.09	2.14
Barley	14,966	74.13	12.29	10.78	0.15	0.29	2.35
Wheat	52,174	78	12.72	7.09	0.63	0.16	1.41
Maize	3,306,012	76.1	8.75	9.88	1.03	0.68	3.57
Sorghum	1,890,327	72.27	9.67	13.8	0.77	0.75	2.75
Finger millet	549,466	70.72	11.73	11.93	1.04	0.94	3.65
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	222,827	70.05	9.43	18.15	0.65	0.15	1.56
Horse beans white	60,602	74	10.53	12.47	0.27	-	2.73
Horse beans red	10,805	81.61	8.15	8.95	0.48	-	0.81
Field peas	61,065	63.97	8.45	25.16	0.84	0.21	1.37
Haricot beans	36,660	67.09	9.97	20.59	1.37	0.49	0.49
Chick – peas	3,113	70	15.63	14.38	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	218	95	-	5	-	-	-
Soya beans	49,463	54.94	8.81	33.44	0.31	-	2.5
Fenugreek	902	64.38	4.5	31.13	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	288,097	33.87	10.62	53	0.84	0.02	1.65
Neug	149,410	24.97	11.94	59.14	1.53	-	2.43
Linseed	3,872	65.72	9.08	24.8	0.4	-	-
Groundnuts	20,785	30.86	15.1	54.05	-	-	-
Safflower	115	50	21	29	-	-	-
Sesame	66,417	5	11.79	80.71	0.89	-	1.61
Rapeseed	47,499	50.5	7.77	40.16	0.21	0.07	1.29
Vegetables	138,286	72.55	0.67	24.85	0.62	-	1.31
Lettuce	-	-	-	-	-	-	-
Head cabbage	759	93.06	-	6.94	-	-	-
Ethiopian cabbage	35,052	87.94	0.47	10.74	-	-	0.85
Tomatoes	5,005	72.5	-	25	-	-	2.5
Green peppers	30,796	84.37	0.49	14.08	0.29	-	0.78
Red peppers	66,586	64.61	0.84	32.05	0.89	-	1.62
Swiss chard	87	90	-	10	-	-	-
Root Crops	3,136,323	80.66	2.52	15.28	0.29	0.11	1.15
Beetroot	3,267	65.24	-	34.29	-	-	0.48
Carrot	502	76.88	-	23.13	-	-	-
Onion	2,021	69.44	2.78	27.78	-	-	-
Potatoes	6,213	40	23.75	36.25	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	2,538	73.41	7.39	18.75	-	-	0.45
Taro / 'Godere'	93,106	86.77	4.21	8.54	0.12	0.12	0.24
Sweet potatoes	3,028,674	82.23	1.33	14.38	0.39	0.13	1.54
Permanent crops	1,035,237	49.98	0.43	46.39	0.68	0.08	2.45
Avocados	784	55.22	0.15	42.61	0.22	0.07	1.73
Bananas	174,958	53.04	0.42	42.58	0.47	0.31	3.18
Guavas	46	58.5	-	40.5	-	-	1
Lemons	1,063	65	-	31.82	-	-	3.18
Mangoes	107,183	61.34	0.49	34.02	0.68	0.05	3.41
Oranges	12,146	63.97	0.43	33.03	0.51	-	2.05
Papayas	2,323	67.5	-	31.7	-	-	0.8
Pineapples	-	-	-	-	-	-	-
Chat	11,328	21.82	0.08	76.76	0.17	-	1.17
Coffee	478,991	49.54	0.59	45.83	1.41	-	2.63
Hops (Geshe)	5,328	22.69	-	76.87	-	-	0.45
Sugar cane	241,088	32.2	-	63.68	-	-	4.13
Enset	-	-	-	-	-	-	-

TABLE 1.4.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

East Wellega							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	9,814,503	56.15	11.97	28.66	1.07	0.64	1.52
Cereals	8,949,117	64.55	11.53	19.52	1.51	0.95	1.93
Teff	1,395,871	65.18	15.1	15.87	1.28	0.67	1.9
Barley	93,049	58.45	23.05	14.25	3.01	0.31	0.93
Wheat	171,760	64.96	17.2	13.76	2.98	-	1.1
Maize	5,560,185	64.38	7.15	23.75	0.98	1.36	2.39
Sorghum	1,219,129	64.77	9.55	21.15	1.78	0.92	1.83
Finger millet	502,672	67.98	11.04	16.13	1.49	1.43	1.93
Oats "Aja"	5,074	69.29	15	15.71	-	-	-
Rice	1,377	21.25	-	78.75	-	-	-
Pulses	249,779	68.49	14.11	16.68	0.03	-	0.68
Horse beans white	71,924	75.66	13.68	9.9	-	-	0.76
Horse beans red	24,548	70.5	16.9	11.4	-	-	1.2
Field peas	7,039	86.13	8.71	5.16	-	-	-
Haricot beans	1,901	88	6	6	-	-	-
Chick – peas	14,148	58.7	11.74	28.26	-	-	1.3
Lentils	336	62	30	8	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	128,984	19.05	21.43	59.05	0.48	-	-
Fenugreek	699	49.29	12.5	37.86	-	-	0.36
Masho	-	-	-	-	-	-	-
Gibto	*	-	-	-	-	-	-
Oilseeds	615,606	22.54	12.13	64.4	0.27	-	0.66
Neug	395,950	13.03	12.82	73.28	0.13	-	0.76
Linseed	921	66.67	13.33	20	-	-	-
Groundnuts	85,138	16.14	17.41	65.66	0.24	-	0.54
Safflower	561	36.67	10	53.33	-	-	-
Sesame	104,774	5.42	11.54	81.38	0.83	-	0.83
Rapeseed	28,262	65	7.15	27.43	-	-	0.42
Vegetables	117,592	77.15	0.92	20.59	0.07	-	1.28
Lettuce	-	-	-	-	-	-	-
Head cabbage	3,339	71.92	-	27.69	-	-	0.38
Ethiopian cabbage	4,250	70.56	-	28.33	-	-	1.11
Tomatoes	218	57.5	-	42.5	-	-	-
Green peppers	21,314	87.34	1.21	10.36	-	-	1.09
Red peppers	88,471	73.81	0.95	23.68	0.1	-	1.46
Swiss chard	-	-	-	-	-	-	-
Root Crops	738,093	76.49	4.11	18.05	0.16	0.25	0.94
Beetroot	3,894	77.32	-	22.2	-	-	0.49
Carrot	99	83.33	-	16.67	-	-	-
Onion	26,380	77.76	2.04	19.39	-	-	0.82
Potatoes	56,221	61.67	6.46	28.96	2.08	-	0.83
Yam	-	-	-	-	-	-	-
Garlic	6,855	70	10.44	19.34	-	-	0.22
Taro / 'Godere'	20,978	95	0.38	4.62	-	-	-
Sweet potatoes	623,665	78.41	3.08	15.82	-	0.77	1.92
Permanent crops	589,209	60.63	0.29	37.52	0.08	-	1.49
Avocados	32	90	-	10	-	-	-
Bananas	22,449	61.83	0.56	36.27	-	-	1.34
Guavas	0	100	-	-	-	-	-
Lemons	46	50	-	50	-	-	-
Mangoes	49,522	71.6	-	24.41	-	-	3.99
Oranges	406	86.25	-	12.5	-	-	1.25
Papayas	13,613	76.67	-	17.33	-	-	6
Pineapples	-	-	-	-	-	-	-
Chat	11,603	18.41	-	79.47	-	-	2.12
Coffee	59,773	84.19	0.14	14.72	0.26	-	0.69
Hops (Gesho)	3,374	39.15	0.77	60.08	-	-	-
Sugar cane	428,391	33.7	-	62.39	-	-	3.91
Enset	-	-	-	-	-	-	-

TABLE 1.4.3- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Illubabor							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	6,898,727	63.88	10.65	18.56	3.52	0.39	3
Cereals	6,308,937	64.82	10.83	16.62	3.89	0.55	3.29
Teff	982,964	57.64	13.82	21.86	3.73	0.07	2.89
Barley	127,003	63.96	15.3	16.34	1.99	0.08	2.33
Wheat	176,062	64.85	16.19	13.63	2.13	-	3.21
Maize	3,633,541	68.5	8.62	14.44	3.61	0.85	3.97
Sorghum	1,152,745	67.01	9.26	15.51	4.16	0.93	3.13
Finger millet	150,046	67.66	9.81	12.3	7.96	0.18	2.08
Oats "Aja"	543	50	25	10	5	5	5
Rice	86,034	35.63	9.84	44.06	7.81	-	2.66
Pulses	328,369	69.45	9.57	17.4	1.37	-	2.21
Horse beans white	126,626	64.53	13.09	19.13	0.94	-	2.31
Horse beans red	44,098	62.41	12.76	18.56	1.95	-	4.31
Field peas	19,087	83.12	7.13	6.93	0.59	-	2.23
Haricot beans	48,657	78.5	5.79	13.14	1.8	-	0.76
Chick – peas	5,828	46	12.6	41.4	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	540	68.57	10	20	-	-	1.43
Soya beans	83,212	30.12	11.51	50.81	2.21	-	5.35
Fenugreek	321	66.92	17.69	15.38	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	261,420	37.35	12.28	41.02	6.59	0.05	2.71
Neug	107,623	27.6	15.34	47.65	5.66	-	3.75
Linseed	8,461	37.61	23.04	34.78	3.91	0.43	0.22
Groundnuts	119,090	15.43	11.29	53.43	18	-	1.86
Safflower	15	95	5	-	-	-	-
Sesame	18,666	28.81	9.52	49.76	7.38	-	4.52
Rapeseed	7,564	71.98	4.19	21.4	0.12	-	2.33
Vegetables	348,385	69.15	0.91	26.44	1.38	-	2.12
Lettuce	34	100	-	-	-	-	-
Head cabbage	19,438	72.56	0.24	24.29	0.71	-	2.2
Ethiopian cabbage	62,785	80.41	0.61	16.52	-	-	2.47
Tomatoes	6,903	66.58	0.53	29.47	-	-	3.42
Green peppers	22,161	81.13	0.54	15.69	0.02	-	2.62
Red peppers	237,050	46.79	1.81	45.97	4.21	-	1.22
Swiss chard	15	92.5	-	5	-	-	2.5
Root Crops	485,095	72.77	5.76	18.07	0.54	0.26	2.6
Beetroot	7,231	75	-	20.48	1.19	-	3.33
Carrot	632	70	-	28.46	-	-	1.54
Onion	4,486	81.9	1.6	14.5	-	-	2
Potatoes	22,144	44	10	46	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	1,951	73.6	3.8	21.1	1	-	0.5
Taro / 'Godere'	213,174	76.64	11.03	9.07	0.15	0.2	2.9
Sweet potatoes	235,477	61.26	2.69	31.09	1.03	0.79	3.13
Permanent crops	1,053,689	47.55	0.51	46.43	0.95	0.09	4.47
Avocados	823	45.86	-	50.46	0.06	-	3.62
Bananas	87,859	42.42	0.61	51.83	0.27	-	4.87
Guavas	499	54.17	-	38.89	2.78	-	4.17
Lemons	500	37.5	2.5	38.75	-	-	21.25
Mangoes	89,195	51.59	0.39	40.93	0.58	0.31	6.2
Oranges	3,221	55	-	37.71	0.42	-	6.88
Papayas	50,126	59.19	1.4	35.81	0.59	-	3.01
Pineapples	*	-	-	-	-	-	-
Chat	69,119	33.43	0.21	59.56	0.88	0.04	5.87
Coffee	460,427	42.71	0.43	52.79	1.51	0.01	2.55
Hops (Geshe)	1,318	25.83	3.06	68.89	-	-	2.22
Sugar cane	290,601	38.33	0.42	55.42	-	0.14	5.69
Enset	-	-	-	-	-	-	-

TABLE 1.4.4- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Jimma							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	11,203,315	65.79	12.26	15.23	3.09	0.28	3.35
Cereals	10,370,013	68.38	12.13	11.35	3.62	0.38	4.14
Teff	2,415,288	66.48	14.05	12.98	3.55	0.13	2.81
Barley	337,232	66.57	15.72	12.32	2.82	0.64	1.93
Wheat	680,956	64.55	17.49	11.58	4.47	0.02	1.89
Maize	5,466,683	70.37	8.13	9.9	4.43	0.56	6.61
Sorghum	1,387,865	70.82	10.79	10.56	2.67	0.55	4.61
Finger millet	58,669	67.22	9.44	15.74	3.7	-	3.89
Oats "Aja"	22,111	73.04	20.43	3.7	-	-	2.83
Rice	1,209	53.33	3.33	43.33	-	-	-
Pulses	584,474	68.08	12.15	17.75	1.31	-	0.71
Horse beans white	368,542	58.78	13.9	23.69	2.32	-	1.31
Horse beans red	150,469	47.54	18.98	30.85	2.2	-	0.42
Field peas	11,662	89.54	6.05	4.04	-	-	0.37
Haricot beans	10,241	87.19	9.18	3.13	-	-	0.5
Chick – peas	25,721	42.5	13.5	39	5	-	-
Lentils	15,147	41.57	18.57	37.86	2	-	-
Vetch	2,381	100	-	-	-	-	-
Soya beans	125	94	4	-	-	-	2
Fenugreek	184	13	7	80	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	248,829	34.46	13.8	47.12	2.3	0.08	2.25
Neug	114,514	10.31	15.63	70.86	1.95	-	1.25
Linseed	27,765	64.17	12.11	17.5	4.14	-	2.07
Groundnuts	91,876	16.39	20.28	53.06	1.11	-	9.17
Safflower	-	-	-	-	-	-	-
Sesame	3,231	16.67	16.11	67.22	-	-	-
Rapeseed	11,443	32.68	8.93	56.61	-	0.54	1.25
Vegetables	381,532	77.27	0.42	18.98	0.3	0.02	3.02
Lettuce	35	67.27	-	30.91	-	-	1.82
Head cabbage	10,118	78.9	-	16.1	-	-	5
Ethiopian cabbage	161,687	83.77	0.36	12.85	0.12	-	2.91
Tomatoes	16,816	86.05	-	11.86	0.7	-	1.4
Green peppers	41,192	81.65	0.35	15.59	-	-	2.41
Red peppers	151,621	42.47	1.1	50.02	1.56	0.16	4.69
Swiss chard	63	100	-	-	-	-	-
Root Crops	1,196,540	79.63	8.93	9.79	-	0.19	1.46
Beetroot	7,253	78.86	-	20.68	-	-	0.45
Carrot	650	82	-	18	-	-	-
Onion	1,601	91	1	8	-	-	-
Potatoes	127,029	61.73	9.04	27.69	-	-	1.54
Yam	-	-	-	-	-	-	-
Garlic	22,490	77.46	5.61	16.77	-	-	0.16
Taro / 'Godere'	875,766	80.51	11.36	6.11	-	0.28	1.73
Sweet potatoes	161,752	80.65	5.43	11.3	-	-	2.61
Permanent crops	2,060,057	57.92	0.14	37.23	0.75	0.12	3.83
Avocados	191,458	41.63	0.12	54.99	-	-	3.26
Bananas	326,368	47.53	-	48.8	0.03	-	3.64
Guavas	4,628	73.88	-	18.65	-	0.13	7.33
Lemons	1,332	100	-	-	-	-	-
Mangoes	116,338	59.85	0.05	36.17	-	-	3.93
Oranges	19,600	69.72	-	25.34	-	-	4.94
Papayas	14,601	65.98	-	31.96	-	-	2.07
Pineapples	63	45	-	54	-	-	1
Chat	125,256	44.41	0.16	49.41	0.16	-	5.85
Coffee	810,520	54.73	0.04	43.54	0.31	-	1.38
Hops (Geshe)	2,642	19.55	-	75	-	-	5.45
Sugar cane	447,252	58.89	0.67	35.08	-	0.95	4.4
Enset	1,783,554	84.6	0.34	6.12	3.99	0.36	4.59

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	14,170,518	56.07	15.37	26.27	0.36	0.31	1.63
Cereals	12,625,030	58.82	14.65	23.88	0.32	0.42	1.92
Teff	3,808,746	47.69	14.53	35.56	0.27	-	1.96
Barley	1,520,271	60.49	22.04	15.07	-	1.17	1.23
Wheat	1,447,221	52.22	21.27	25.11	0.1	-	1.3
Maize	3,579,520	68.68	7.05	20.99	0.43	0.75	2.11
Sorghum	2,245,745	68.14	10.89	16.77	0.94	0.2	3.07
Finger millet	16,967	57	16.5	26.5	-	-	-
Oats "Aja"	6,549	74.17	16.67	-	-	-	9.17
Rice	*	-	-	-	-	-	-
Pulses	1,152,530	56.71	19.17	22.57	0.49	-	1.07
Horse beans white	473,296	61.72	18.12	18.67	0.31	-	1.18
Horse beans red	140,621	46.38	22.24	27.41	2.41	-	1.55
Field peas	3,138	85	4	9	2	-	-
Haricot beans	3,671	90.8	2.32	6.48	0.4	-	-
Chick – peas	225,744	53.77	23.09	21.81	-	-	1.34
Lentils	27,205	45.68	25.95	28.38	-	-	-
Vetch	276,999	39.6	24.29	34.68	-	-	1.43
Soya beans	*	-	-	-	-	-	-
Fenugreek	1,718	54.13	13.91	31.52	-	-	0.43
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	392,958	32.6	12.37	53.88	0.42	0.12	0.6
Neug	244,305	17.55	11.2	69.81	0.87	-	0.58
Linseed	128,221	18.57	18.57	62.26	-	0.6	-
Groundnuts	*	-	-	-	-	-	-
Safflower	410	70	10	20	-	-	-
Sesame	8,531	4	6	88	-	-	2
Rapeseed	11,043	68.47	10.73	19.84	-	-	0.97
Vegetables	333,784	72.63	1.05	25.22	0.18	-	0.92
Lettuce	*	-	-	-	-	-	-
Head cabbage	15,549	72.86	0.82	24.29	0.2	-	1.84
Ethiopian cabbage	48,255	84.1	0.75	14.68	-	-	0.46
Tomatoes	1,307	65.71	-	31.43	-	-	2.86
Green peppers	9,781	77	0.62	20.12	0.54	-	1.73
Red peppers	258,763	48.04	2.32	49.46	0.09	-	0.09
Swiss chard	130	86.67	-	11.67	-	-	1.67
Root Crops	2,145,657	59.26	11.05	28.58	0.08	-	1.03
Beetroot	19,341	71.41	0.35	25.76	0.12	-	2.35
Carrot	10,190	74.38	-	25.63	-	-	-
Onion	65,403	63.25	6.47	28.99	0.06	-	1.23
Potatoes	1,958,105	49.16	15.57	34.3	0.07	-	0.91
Yam	-	-	-	-	-	-	-
Garlic	27,100	54.47	19.84	25.13	0.13	-	0.44
Taro / 'Godere'	706	91.67	8.33	-	-	-	-
Sweet potatoes	64,812	70.68	-	28.86	-	-	0.45
Permanent crops	352,138	65.87	1.41	30.01	0.07	0.54	2.1
Avocados	14	84	-	14	-	-	2
Bananas	5,618	50.25	-	48.75	-	-	1
Guavas	-	-	-	-	-	-	-
Lemons	34	63.33	-	11.67	-	-	25
Mangoes	6,757	51.46	-	43.96	-	-	4.58
Oranges	644	63.33	-	33.33	-	-	3.33
Papayas	6,405	66.67	-	30	-	-	3.33
Pineapples	-	-	-	-	-	-	-
Chat	827	0.56	-	99.44	-	-	-
Coffee	1,901	86.9	0.34	10.69	-	-	2.07
Hops (Gesho)	7,787	48.77	1.19	48.99	-	-	1.04
Sugar cane	322,153	33.24	6.47	57.06	-	-	3.24
Enset	660,417	87.15	1.86	7.21	0.16	1.28	2.34

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	8,295,138	59	17.19	21.36	0.55	0.73	1.17
Cereals	6,591,023	64.01	17.23	15.86	0.59	0.89	1.42
Teff	2,366,820	54.91	16.68	26.92	0.56	-	0.93
Barley	1,313,021	64.94	20.01	7.29	1.19	3.94	2.63
Wheat	1,570,268	59.63	19.33	18.91	0.65	0.03	1.45
Maize	66,426	86.19	12.09	1.27	-	0.05	0.39
Sorghum	1,260,948	69.75	15.72	12.79	-	0.11	1.63
Finger millet	593	40	10	30	10	-	10
Oats "Aja"	12,948	62	15.4	21.2	0.6	-	0.8
Rice	-	-	-	-	-	-	-
Pulses	1,658,305	49.65	17.56	31.09	0.51	0.46	0.73
Horse beans white	960,465	55.58	18.64	23.72	0.88	-	1.18
Horse beans red	69,145	58.1	21.38	19.87	0.26	-	0.38
Field peas	63,210	33.12	11.82	47.06	-	8	-
Haricot beans	3,038	100	-	-	-	-	-
Chick - peas	225,256	47.53	17.41	35.06	-	-	-
Lentils	98,482	27.95	14.7	56.2	0.66	-	0.49
Vetch	234,949	48.17	16.79	33.17	-	1.42	0.46
Soya beans	-	-	-	-	-	-	-
Fenugreek	3,717	32.33	11.33	56	-	-	0.33
Masho	*	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	45,810	43.24	13.9	42.36	0.22	-	0.27
Neug	20,905	28.33	13.17	58.5	-	-	-
Linseed	10,717	34.52	16.19	47.38	0.95	-	0.95
Groundnuts	-	-	-	-	-	-	-
Safflower	133	75.71	6.43	17.86	-	-	-
Sesame	12,977	10	26.67	63.33	-	-	-
Rapeseed	1,079	60	13.5	26.33	-	-	0.17
Vegetables	32,237	79.22	2.9	15.37	0.06	0.06	2.39
Lettuce	*	-	-	-	-	-	-
Head cabbage	3	100	-	-	-	-	-
Ethiopian cabbage	21,930	83.11	3.35	9.86	0.09	0.09	3.49
Tomatoes	1,593	94.29	-	4.29	-	-	1.43
Green peppers	1,995	69	1.88	28.75	-	-	0.38
Red peppers	5,958	65	-	33.18	-	-	1.82
Swiss chard	757	82.22	8.33	9.44	-	-	-
Root Crops	295,392	64.2	13.09	21.09	0.42	-	1.2
Beetroot	1,453	84	10	6	-	-	-
Carrot	5,588	95	-	5	-	-	-
Onion	8,150	59.23	7.69	32.31	0.77	-	-
Potatoes	272,026	67.37	14.37	16.96	-	-	1.3
Yam	-	-	-	-	-	-	-
Garlic	3,465	62.72	13.94	21.38	0.51	-	1.44
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	4,710	50	-	50	-	-	-
Permanent crops	45,110	67.44	0.61	27.05	0.41	0.14	4.35
Avocados	-	-	-	-	-	-	-
Bananas	374	75	-	25	-	-	-
Guavas	*	-	-	-	-	-	-
Lemons	462	60	-	33.33	6.67	-	-
Mangoes	419	58	-	42	-	-	-
Oranges	388	73.33	-	26.67	-	-	-
Papayas	*	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	1,143	30	20	30	-	-	20
Coffee	174	88.33	-	11.67	-	-	-
Hops (Gesho)	26,698	71.31	0.64	22.69	0.36	-	5
Sugar cane	15,412	38.75	-	55.63	-	1.25	4.38
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	Sale	Wages In kind	Animal Feed	Others
Grain Crops	10,292,879	50.1	12.04	35.9	0.84	0.29	0.84
Cereals	8,768,690	55.64	11.81	30.25	0.82	0.41	1.06
Teff	3,131,616	38.51	11.62	47.26	1.06	0.45	1.1
Barley	114,645	65.81	15.29	16.75	0.69	0.71	0.75
Wheat	2,494,932	52.95	14.01	30.34	1.3	0.19	1.21
Maize	2,863,738	74.49	9.13	14.41	0.26	0.57	1.13
Sorghum	158,427	72.07	13.87	14.06	-	-	-
Finger millet	2,577	50	17.5	32.5	-	-	-
Oats "Aja"	2,756	-	-	100	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	1,522,819	38.15	12.58	47.99	0.89	0.03	0.36
Horse beans white	238,538	52.73	13.67	32.05	0.85	-	0.69
Horse beans red	106,105	64.12	13.33	21.18	0.2	0.39	0.78
Field peas	229,282	14.95	13.3	70.76	0.99	-	-
Haricot beans	103,106	49.52	11.33	38.54	0.37	-	0.24
Chick – peas	565,655	28.2	16.78	53.52	1.27	-	0.23
Lentils	234,485	21.62	8.95	68.25	1.08	-	0.11
Vetch	38,837	51.03	8.03	38.13	1.61	-	1.19
Soya beans	-	-	-	-	-	-	-
Fenugreek	6,811	49.47	12.63	36.84	1.05	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	1,371	52.5	3.75	43.75	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	544	55	2.5	42.5	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	139	100	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	688	-	10	90	-	-	-
Vegetables	189,785	52.23	1.85	44.95	-	-	0.97
Lettuce	-	-	-	-	-	-	-
Head cabbage	9,474	27.5	-	72.5	-	-	-
Ethiopian cabbage	43,139	65.18	1.25	32.5	-	-	1.07
Tomatoes	86,573	29.82	7.27	60.64	-	-	2.27
Green peppers	22,025	55	-	44.69	-	-	0.31
Red peppers	28,533	30	-	70	-	-	-
Swiss chard	*	-	-	-	-	-	-
Root Crops	358,268	52.65	8.73	38.53	-	-	0.1
Beetroot	4,029	35.83	-	64.17	-	-	-
Carrot	*	-	-	-	-	-	-
Onion	302,926	38.75	4.38	56.88	-	-	-
Potatoes	25,018	56.67	-	43.33	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	5,876	64.62	14.42	20.77	-	-	0.19
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	33,589	43.2	2	52.8	-	-	2
Avocados	-	-	-	-	-	-	-
Bananas	*	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	29	5	-	95	-	-	-
Mangoes	1,783	10	-	90	-	-	-
Oranges	*	-	-	-	-	-	-
Papayas	3,351	60	-	40	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	2,368	8.89	-	85.56	-	-	5.56
Coffee	43	5	-	95	-	-	-
Hops (Gesho)	14,124	56.47	2.94	39.12	-	-	1.47
Sugar cane	*	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-

TABLE 1.4.8- 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	15,259,615	57.84	15.51	23.45	0.38	0.88	1.94
Cereals	13,689,849	61.43	15.71	19.15	0.44	1.17	2.1
Teff	1,408,328	49.2	16.49	31.66	0.68	0.07	1.9
Barley	2,462,024	64.59	16.97	14.58	0.27	2.13	1.46
Wheat	6,443,923	54.37	19.84	22.55	0.58	0.13	2.53
Maize	2,039,297	73.7	10.02	10.4	0.35	2.79	2.74
Sorghum	1,304,028	73	9.64	15.63	0.09	0.93	0.71
Finger millet	3,989	10	10	80	-	-	-
Oats "Aja"	25,628	71.88	18.13	8.75	-	-	1.25
Rice	*	-	-	-	-	-	-
Pulses	1,339,221	52.33	14.81	30.66	0.29	0.08	1.83
Horse beans white	764,924	53.68	15.5	28.52	0.18	0.04	2.08
Horse beans red	306,832	47.81	13.6	34.38	0.79	0.34	3.09
Field peas	70,487	34.44	21.48	44.07	-	-	-
Haricot beans	65,949	72.41	10.56	17.04	-	-	-
Chick - peas	80,870	47.27	13.64	30.91	-	-	8.18
Lentils	8,397	77.5	11	11.5	-	-	-
Vetch	26,017	35.83	16.67	46.94	-	-	0.56
Soya beans	-	-	-	-	-	-	-
Fenugreek	15,746	26.79	15.71	56.07	1.07	-	0.36
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	230,545	27.91	15.54	56.47	-	-	0.09
Neug	20,826	38.7	12.83	48.48	-	-	-
Linseed	195,411	16.06	14.17	69.62	-	-	0.15
Groundnuts	-	-	-	-	-	-	-
Safflower	162	95	5	-	-	-	-
Sesame	3,591	2.5	60	37.5	-	-	-
Rapeseed	10,556	47.48	19.26	33.26	-	-	-
Vegetables	116,125	53.64	1.79	41.88	0.19	0.29	2.21
Lettuce	10	76.67	-	21.67	-	-	1.67
Head cabbage	10,720	54.38	-	41.56	1.25	0.63	2.19
Ethiopian cabbage	53,396	60.65	0.36	36.74	0.14	0.51	1.59
Tomatoes	30,490	42.5	-	54.17	-	-	3.33
Green peppers	11,405	73.06	0.56	21.39	-	-	5
Red peppers	10,063	30	6.86	61.43	-	-	1.71
Swiss chard	40	100	-	-	-	-	-
Root Crops	527,332	33.37	9.48	55.46	-	0.44	1.24
Beetroot	19,658	57.59	-	37.78	-	-	4.63
Carrot	56,355	10.23	-	89.38	-	-	0.38
Onion	163,062	24.86	6.53	67.22	-	-	1.39
Potatoes	126,933	53.07	11.48	35	-	-	0.45
Yam	-	-	-	-	-	-	-
Garlic	151,571	21.47	20.59	57.94	-	-	-
Taro / 'Godere'	3,728	41.25	-	50	-	-	8.75
Sweet potatoes	6,025	26	8	49	-	17	-
Permanent crops	106,310	35.34	1.84	54.92	0.57	3.12	4.22
Avocados	0	33	-	67	-	-	-
Bananas	12,771	36.5	-	54.17	-	0.33	9
Guavas	8	40	-	60	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	582	24.38	-	70	-	-	5.63
Oranges	2,324	82.5	-	12.5	-	-	5
Papayas	600	83.33	-	16.67	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	31,513	26.84	3.55	64.74	0.46	0.26	4.14
Coffee	40,248	21.81	2.64	71.39	-	0.28	3.89
Hops (Gesho)	2,269	53.3	1.02	42.27	0.45	-	2.95
Sugar cane	15,995	11.67	-	78.33	-	8.33	1.67
Enset	-	-	-	-	-	-	-

TABLE 1.4.9- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

West Harerghe							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	5,099,617	77.65	12.36	7.72	0.21	1.2	0.86
Cereals	4,829,697	81.6	10.88	5	0.21	1.45	0.86
Teff	71,904	60.42	8.06	25.35	-	5.28	0.9
Barley	84,763	74.85	18.59	4.63	0.12	1.61	0.2
Wheat	77,248	72.65	24.96	2.1	-	-	0.29
Maize	983,937	86.66	8.65	2.25	0.06	1.03	1.35
Sorghum	3,594,774	83.98	8.97	4.42	0.39	1.45	0.78
Finger millet	16,037	86.25	6.21	6.43	0.36	-	0.75
Oats "Aja"	984	73.25	26.75	-	-	-	-
Rice	50	65	35	-	-	-	-
Pulses	211,070	69.57	17.15	11.46	0.29	0.58	0.95
Horse beans white	5,496	85.52	9.21	3.55	1.03	-	0.69
Horse beans red	832	40	20	40	-	-	-
Field peas	131,720	66.95	19.98	12.15	-	0.62	0.3
Haricot beans	12,114	94	2.5	3.5	-	-	-
Chick – peas	54,647	59.47	18.07	18.82	1.09	0.55	2
Lentils	3,697	71.79	19.67	8.54	-	-	-
Vetch	804	63.6	26.4	-	-	10	-
Soya beans	97	90	10	-	-	-	-
Fenugreek	1,488	83.24	5.81	5.48	-	-	5.48
Masho	*	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	58,850	58.46	14.5	26.2	-	0.19	0.65
Neug	-	-	-	-	-	-	-
Linseed	2,701	77.08	12.98	8.83	-	0.5	0.63
Groundnuts	21,237	23.62	19.66	55.17	-	-	1.55
Safflower	52	45	55	-	-	-	-
Sesame	34,747	64.62	10.38	25	-	-	-
Rapeseed	114	100	-	-	-	-	-
Vegetables	205,913	56.34	1.15	41.19	-	-	1.33
Lettuce	545	42.5	-	57.5	-	-	-
Head cabbage	6,724	76	14	10	-	-	-
Ethiopian cabbage	414	100	-	-	-	-	-
Tomatoes	23,807	65.88	-	32.58	-	-	1.53
Green peppers	3,561	74.76	0.24	18.81	-	-	6.19
Red peppers	170,863	46.81	1.27	51.52	-	-	0.39
Swiss chard	-	-	-	-	-	-	-
Root Crops	708,500	63.33	7.77	23.93	-	3.35	1.62
Beetroot	5,551	35.71	-	63.57	-	-	0.71
Carrot	198	10	-	90	-	-	-
Onion	102,627	46.81	17.93	34.83	-	-	0.43
Potatoes	83,085	28.89	8.89	62.22	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	785	40.71	20.71	38.57	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	516,254	83.73	0.12	6.59	-	6.7	2.87
Permanent crops	575,014	34.36	0.53	57.31	0.97	1.4	5.43
Avocados	27	38.33	-	53.33	-	-	8.33
Bananas	44,535	46.23	0.98	42.87	2.13	4.43	3.36
Guavas	946	58.63	-	24.63	-	3.7	13.04
Lemons	108	30	10	40	-	-	20
Mangoes	5,694	59.48	-	33.7	-	-	6.81
Oranges	657	45.45	-	28.18	1.82	-	24.55
Papayas	12,041	46.76	-	48.53	0.59	-	4.12
Pineapples	-	-	-	-	-	-	-
Chat	198,920	31	0.51	61.46	1.02	0.06	5.95
Coffee	95,131	30.95	0.5	65.23	0.85	0.05	2.43
Hops (Geshe)	377	59	-	32.5	-	-	8.5
Sugar cane	216,581	23.97	0.29	47.35	0.88	23.82	3.68
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	4,908,866	80.15	10.95	7.06	0.02	0.31	1.51
Cereals	4,524,076	84.91	10.21	2.84	0.02	0.4	1.61
Teff	40,892	54.26	14.7	31.03	-	-	-
Barley	100,192	80.6	13.47	4.8	0.09	0.22	0.81
Wheat	385,872	84.26	11.35	2.89	-	0.15	1.37
Maize	1,332,858	88.64	7.46	1.19	0.02	0.54	2.14
Sorghum	2,652,781	86.18	10.74	1.01	0.02	0.46	1.59
Finger millet	138	100	-	-	-	-	-
Oats "Aja"	11,343	75.1	20.07	4.31	-	-	0.52
Rice	-	-	-	-	-	-	-
Pulses	168,900	79.66	10.34	9.64	-	-	0.36
Horse beans white	50,608	88.41	6.76	4.74	-	-	0.09
Horse beans red	20,435	70.69	18.69	10.62	-	-	-
Field peas	39,751	57.94	11.76	30.3	-	-	-
Haricot beans	22,207	89.52	9.33	0.96	-	-	0.19
Chick – peas	20,492	88.23	9.19	0.32	-	-	2.26
Lentils	5,203	71.8	15.8	12.4	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	10,205	76.43	10.18	13.18	-	-	0.22
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	215,890	37.99	18.57	40.94	-	-	2.5
Neug	-	-	-	-	-	-	-
Linseed	8,918	54.98	19.72	25.3	-	-	-
Groundnuts	202,559	24.07	17.9	53.95	-	-	4.08
Safflower	-	-	-	-	-	-	-
Sesame	3,934	71.67	22.5	5.83	-	-	-
Rapeseed	479	90	10	-	-	-	-
Vegetables	9,564	69.81	-	26.26	-	-	3.93
Lettuce	-	-	-	-	-	-	-
Head cabbage	1,420	66.67	-	20	-	-	13.33
Ethiopian cabbage	77	60	-	40	-	-	-
Tomatoes	1,384	66.67	-	33.33	-	-	-
Green peppers	4,906	66.08	-	28.92	-	-	5
Red peppers	1,778	82	-	18	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	3,465,922	69.53	4.33	20.7	-	3.22	2.21
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	19,777	44.63	1.85	53.52	-	-	-
Potatoes	194,248	51.46	13.08	30.46	-	3.08	1.92
Yam	-	-	-	-	-	-	-
Garlic	84,440	20.52	15.73	62.16	-	-	1.59
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	3,167,457	89.27	-	3.44	-	4.53	2.77
Permanent crops	795,798	35.88	0.41	57.47	0.04	0.22	5.98
Avocados	9	50	-	50	-	-	-
Bananas	34,444	56.99	-	39.38	-	-	3.63
Guavas	793	64.38	-	16.88	-	-	18.75
Lemons	51	30	-	40	-	-	30
Mangoes	14,056	62.47	-	20.45	-	-	17.08
Oranges	165	63.75	-	21.25	-	-	15
Papayas	7,143	71.62	-	21.9	-	-	6.48
Pineapples	-	-	-	-	-	-	-
Chat	632,925	30.97	0.53	62.98	0.06	0.02	5.44
Coffee	23,512	22.25	0.53	75.77	-	-	1.45
Hops (Geshe)	45	8	-	92	-	-	-
Sugar cane	82,657	43	-	30	-	24	3
Enset	-	-	-	-	-	-	-

TABLE 1.4.11- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Bale							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	8,490,220	53.48	13.04	29.37	0.18	0.61	3.32
Cereals	7,447,290	60.64	12.62	22.27	0.18	0.85	3.44
Teff	897,283	66.31	10.69	20.96	0.09	-	1.96
Barley	839,875	67.06	14.98	12.94	0.26	1.11	3.65
Wheat	4,171,542	43.28	14.15	37.72	0.15	-	4.7
Maize	1,071,535	75.02	8.47	10.83	0.19	2.52	2.97
Sorghum	214,848	68.65	13.96	15.73	-	-	1.67
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	252,208	57.08	14.39	22.57	0.37	1.74	3.85
Rice	-	-	-	-	-	-	-
Pulses	742,144	47.44	14.18	35.29	0.13	0.04	2.91
Horse beans white	388,303	45.93	14.02	35.05	0.29	0.15	4.56
Horse beans red	178,801	42.38	15.29	38.37	0.24	-	3.73
Field peas	62,842	67.46	11.05	19.91	-	-	1.58
Haricot beans	35,788	69.03	13.9	15.34	-	-	1.72
Chick – peas	9,346	51.54	22.31	25.38	-	-	0.77
Lentils	36,481	38.23	13.71	46.34	-	-	1.71
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	18,644	21.79	8.04	67.32	-	-	2.86
Masho	11,940	23.85	30.77	45.38	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	300,786	6.72	13.73	75.97	0.26	-	3.32
Neug	1,267	60	3.33	33.33	-	-	3.33
Linseed	211,681	7.13	12.53	75.92	-	-	4.43
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	87,059	2.27	16.82	78.98	0.8	-	1.14
Rapeseed	*	-	-	-	-	-	-
Vegetables	93,920	53	0.88	39	0.38	-	6.75
Lettuce	-	-	-	-	-	-	-
Head cabbage	7,141	29.29	-	70.71	-	-	-
Ethiopian cabbage	35,094	66.18	-	25.39	-	-	8.42
Tomatoes	16,979	30	-	60	-	-	10
Green peppers	8,247	55.56	4.44	28.89	3.33	-	7.78
Red peppers	26,458	39.6	1.2	53.6	-	-	5.6
Swiss chard	-	-	-	-	-	-	-
Root Crops	244,996	40.63	7.94	48.17	0.32	0.24	2.7
Beetroot	17,131	24.58	-	71.25	0.83	-	3.33
Carrot	5,669	18.33	-	66.67	1.67	-	13.33
Onion	14,032	68.57	15.71	14.29	-	-	1.43
Potatoes	190,396	49.83	8.17	40.17	-	0.5	1.33
Yam	-	-	-	-	-	-	-
Garlic	17,769	22.5	18.13	59.38	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	520,228	31.12	0.53	61.66	1.52	0.38	4.77
Avocados	21	33.33	-	66.67	-	-	-
Bananas	91,577	46.29	-	51.43	-	-	2.29
Guavas	6	47.5	-	50	-	-	2.5
Lemons	-	-	-	-	-	-	-
Mangoes	16,874	55	-	42.16	-	1.35	1.49
Oranges	42,287	12.5	-	81.25	-	-	6.25
Papayas	15,633	70.91	-	27.27	-	-	1.82
Pineapples	-	-	-	-	-	-	-
Chat	128,541	15.74	1.91	77.29	-	-	5.05
Coffee	107,610	17.5	-	74.1	5.6	-	2.8
Hops (Gesho)	8,288	44.21	-	49.47	-	-	6.32
Sugar cane	109,391	33.13	-	52.5	-	-	14.38
Enset	-	-	-	-	-	-	-

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	446,379	61.87	7.27	30.28	0.09	-	0.49
Cereals	288,221	59.39	10	30.14	0.19	-	0.28
Teff	44,358	1.88	16.56	81.56	-	-	-
Barley	4,213	100	-	-	-	-	-
Wheat	13,796	42.86	7.14	50	-	-	-
Maize	212,567	70.81	9.31	19.25	0.25	-	0.38
Sorghum	*	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	158,127	64.31	4.58	30.42	-	-	0.69
Horse beans white	1,854	52.86	2.86	38.57	-	-	5.71
Horse beans red	92	100	-	-	-	-	-
Field peas	36,941	61.58	3.16	35.26	-	-	-
Haricot beans	117,524	66.06	5.06	28.44	-	-	0.44
Chick – peas	282	20	10	70	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	*	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	*	-	-	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	*	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	22,976	87.55	0.11	11.6	-	-	0.74
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	21,378	88.27	0.13	10.73	-	-	0.87
Tomatoes	24	85.71	-	13.57	-	-	0.71
Green peppers	1,514	82.73	-	17.27	-	-	-
Red peppers	*	-	-	-	-	-	-
Swiss chard	10	100	-	-	-	-	-
Root Crops	41,936	69.77	1.36	22.05	5	-	1.82
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	997	100	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	26,455	100	-	-	-	-	-
Sweet potatoes	14,484	52.5	2.14	34.64	7.86	-	2.86
Permanent crops	173,930	45.05	0.06	52.93	0.91	0.03	1.02
Avocados	191	50.42	-	48.33	-	-	1.25
Bananas	24,514	25.36	1.43	71.07	1.43	-	0.71
Guavas	-	-	-	-	-	-	-
Lemons	*	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	19	100	-	-	-	-	-
Papayas	215	60	-	40	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	26,041	5.51	-	94.29	-	-	0.2
Coffee	67,558	29.05	-	68.23	1.27	0.09	1.36
Hops (Gesho)	1	-	-	100	-	-	-
Sugar cane	55,381	28.57	-	71.43	-	-	-
Enset	664,612	77.44	-	20.37	1.06	-	1.14

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	8,247,291	52.99	16.27	28.78	0.46	0.31	1.19
Cereals	6,243,340	54.91	16.1	26.79	0.58	0.35	1.26
Teff	2,695,721	40.41	15.04	42.04	0.83	0.15	1.54
Barley	555,546	57.2	20.31	19.72	0.66	0.98	1.14
Wheat	2,023,264	49.14	19.38	29.21	0.94	0.09	1.25
Maize	803,074	72.64	12.04	13.54	0.03	0.54	1.2
Sorghum	162,519	69	12.43	18	-	-	0.57
Finger millet	*	-	-	-	-	-	-
Oats "Aja"	1,368	67.5	22.5	10	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	1,937,594	50.23	16.89	31.16	0.3	0.28	1.14
Horse beans white	429,031	60.94	16.22	21.61	0.26	0.02	0.95
Horse beans red	114,736	46.96	19.49	31.93	0.68	-	0.95
Field peas	9,212	66.82	18.64	12.73	0.45	-	1.36
Haricot beans	2,854	68.33	9.17	20.83	-	-	1.67
Chick – peas	955,470	43.59	17.36	36.91	0.21	0.34	1.6
Lentils	109,849	34.6	14.93	49.67	0.27	-	0.53
Vetch	307,465	42.62	17.9	36.72	0.34	1.1	1.31
Soya beans	*	-	-	-	-	-	-
Fenugreek	8,949	62.5	13.5	24	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	66,357	48.76	14.09	36.45	-	-	0.7
Neug	21,580	14.29	14.76	70.95	-	-	-
Linseed	30,920	19.64	18.04	61.61	-	-	0.71
Groundnuts	-	-	-	-	-	-	-
Safflower	1,954	71	19	10	-	-	-
Sesame	69	100	-	-	-	-	-
Rapeseed	11,835	69.62	12.05	17.35	-	-	0.98
Vegetables	163,663	77.25	1.48	19.89	0.05	0.08	1.24
Lettuce	*	-	-	-	-	-	-
Head cabbage	2,571	87.5	-	9.17	-	-	3.33
Ethiopian cabbage	66,960	85.66	0.88	12.21	0.11	0.17	0.97
Tomatoes	1,203	79.69	4.38	15	-	-	0.94
Green peppers	22,017	91.82	1.12	5.29	-	-	1.76
Red peppers	68,453	30.87	4.67	63.26	-	-	1.2
Swiss chard	2,457	46.92	-	52.31	-	-	0.77
Root Crops	170,880	71.51	7.86	19.79	0.06	-	0.77
Beetroot	5,863	86.49	-	12.13	-	-	1.38
Carrot	1,117	79.62	3.85	16.15	-	-	0.38
Onion	91,336	48.59	1.03	49.74	0.26	-	0.38
Potatoes	57,840	78.78	7.56	12.07	0.12	-	1.46
Yam	-	-	-	-	-	-	-
Garlic	12,272	64.89	16.99	17.67	-	-	0.45
Taro / 'Godere'	2,390	100	-	-	-	-	-
Sweet potatoes	63	100	-	-	-	-	-
Permanent crops	55,600	65.73	0.31	31.2	0.25	0.17	2.34
Avocados	81	60.58	-	35.77	-	-	3.65
Bananas	4,542	63.84	-	30.93	-	-	5.23
Guavas	9	33.33	-	66.67	-	-	-
Lemons	802	29	-	64	-	-	7
Mangoes	1,548	44.38	-	45	-	-	10.63
Oranges	473	66.11	-	26.67	-	-	7.22
Papayas	746	63.57	-	32.5	-	-	3.93
Pineapples	-	-	-	-	-	-	-
Chat	21,665	17.62	0.95	79.38	-	-	2.05
Coffee	1,810	88.68	-	10.96	-	-	0.35
Hops (Gesho)	3,835	51.14	-	46.69	0.08	-	2.08
Sugar cane	20,090	71.43	6.43	15.71	-	-	6.43
Enset	1,099,102	89.92	0.08	7.67	0.6	0.43	1.3

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	2,719,289	46.31	14.81	36.56	0.09	0.62	1.62
Cereals	2,008,039	51.92	14.67	31.09	0.03	0.87	1.43
Teff	230,017	32.57	18.37	46.68	0.05	1.29	1.04
Barley	414,043	46.07	16.46	36.01	-	0.06	1.4
Wheat	117,954	39.06	27.03	32.03	-	0.31	1.56
Maize	1,246,009	63.26	11.03	22.88	0.03	1.23	1.57
Sorghum	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	*	-	-	-	-	-	-
Pulses	708,783	38.43	14.79	44.47	0.18	0.24	1.89
Horse beans white	197,531	42.06	14.12	41.79	-	-	2.02
Horse beans red	48,405	20.78	18.33	59.78	-	-	1.11
Field peas	132,339	41	19.5	38.4	-	-	1.1
Haricot beans	315,361	39.49	13.33	44.1	0.45	0.58	2.05
Chick – peas	2,159	28.75	6.25	57.5	-	-	7.5
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	12,948	6.67	10	80	-	-	3.33
Masho	*	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	2,468	-	32	66	-	-	2
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	2,468	-	32	66	-	-	2
Vegetables	206,191	72.74	0.59	24.87	0.11	-	1.69
Lettuce	-	-	-	-	-	-	-
Head cabbage	43,181	38.25	-	61.75	-	-	-
Ethiopian cabbage	160,361	78.21	0.72	19.23	0.09	-	1.74
Tomatoes	84	100	-	-	-	-	-
Green peppers	2,558	50.58	-	46.54	0.38	-	2.5
Red peppers	7	20	-	70	-	-	10
Swiss chard	-	-	-	-	-	-	-
Root Crops	90,916	63.16	6.69	29.41	-	-	0.74
Beetroot	3,340	60	-	40	-	-	-
Carrot	969	22.5	-	77.5	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	58,321	70.67	8.78	20.22	-	-	0.33
Yam	-	-	-	-	-	-	-
Garlic	331	40	6.67	53.33	-	-	-
Taro / 'Godere'	322	80	-	15	-	-	5
Sweet potatoes	27,634	46.5	4	48	-	-	1.5
Permanent crops	646,345	48.1	0.19	48.67	0.36	0.9	1.78
Avocados	26,537	30.57	-	68.75	-	-	0.68
Bananas	83,503	31.19	-	63.58	-	2.39	2.84
Guavas	81	43.33	-	56.67	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	1,568	55	-	40	5	-	-
Pineapples	-	-	-	-	-	-	-
Chat	4,864	11.36	4.55	82.73	-	-	1.36
Coffee	177,659	24.78	0.13	73.28	0.44	-	1.37
Hops (Gesho)	11	-	-	100	-	-	-
Sugar cane	352,123	23.27	-	71.54	0.96	1.15	3.08
Enset	2,833,343	70.87	0.07	25.37	0.36	1.38	1.95

TABLE 1.4.15- 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	9,563,905	57.44	10.19	29.67	0.21	0.54	1.95
Cereals	8,722,852	61.97	9.74	25.15	0.27	0.67	2.19
Teff	336,052	48.47	9.52	41.42	-	0.22	0.38
Barley	1,620,258	63.74	12.3	20.54	0.42	1	1.99
Wheat	3,958,679	40.17	14.03	40.53	0.66	0.81	3.81
Maize	2,589,390	74.48	4.54	18.62	0.03	0.21	2.11
Sorghum	123,114	76.41	10.8	7.8	0.23	3.86	0.91
Finger millet	81,085	82.31	10.22	6.42	-	-	1.04
Oats "Aja"	14,275	80	20	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	780,601	40.86	10.79	47.33	-	0.02	1
Horse beans white	64,623	71.91	7.65	18.53	-	0.15	1.76
Horse beans red	29,901	50.45	3.64	44.09	-	-	1.82
Field peas	-	-	-	-	-	-	-
Haricot beans	542,621	36.28	10.38	52.71	-	-	0.63
Chick – peas	2,314	-	5	95	-	-	-
Lentils	15,331	15	60	25	-	-	-
Vetch	93,684	38.82	7.65	50.59	-	-	2.94
Soya beans	-	-	-	-	-	-	-
Fenugreek	32,128	9.44	23.33	67.22	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	60,453	32.93	20.34	45.52	-	-	1.21
Neug	-	-	-	-	-	-	-
Linseed	59,809	11	21.75	66	-	-	1.25
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	197	66.67	30	-	-	-	3.33
Rapeseed	447	89.17	10.83	-	-	-	-
Vegetables	366,289	74.61	1.46	21.41	-	-	2.52
Lettuce	18	100	-	-	-	-	-
Head cabbage	99,288	26.75	0.5	72.25	-	-	0.5
Ethiopian cabbage	224,403	80.08	1.67	15.35	-	-	2.9
Tomatoes	29,150	5	-	95	-	-	-
Green peppers	8,322	68.16	1.32	28.16	-	-	2.37
Red peppers	5,088	96.67	-	3.33	-	-	-
Swiss chard	21	90	-	10	-	-	-
Root Crops	1,308,555	34.77	20.76	43.47	0.15	-	0.85
Beetroot	106,672	31.3	-	65.74	0.74	-	2.22
Carrot	18,075	10	-	90	-	-	-
Onion	17,658	22.5	5	72.5	-	-	-
Potatoes	1,073,826	36.54	29.05	33.6	0.08	-	0.73
Yam	-	-	-	-	-	-	-
Garlic	34,949	39.05	17.62	42.38	-	-	0.95
Taro / 'Godere'	35,957	55	35	10	-	-	-
Sweet potatoes	21,419	85	-	15	-	-	-
Permanent crops	200,782	68.52	0.28	26.5	0.3	1.82	2.57
Avocados	19,786	50.71	1.43	45	-	-	2.86
Bananas	8,871	77.89	-	18.95	-	-	3.16
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	329	90	-	-	-	-	10
Oranges	-	-	-	-	-	-	-
Papayas	797	87.5	-	12.5	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	1,650	49.09	0.91	49.09	-	-	0.91
Coffee	68,193	33.11	0.27	62.97	0.27	-	3.38
Hops (Gesho)	1,063	10	-	90	-	-	-
Sugar cane	100,093	46.43	-	49.29	-	2.86	1.43
Enset	8,314,968	76.66	0.26	17.66	0.38	2.53	2.51

TABLE 1.4.16- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Kelem Wellega							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	4,840,841	69.92	11.03	13.94	0.31	0.74	4.06
Cereals	4,494,312	71.27	11.11	11.09	0.42	1.09	5.02
Teff	306,086	67.1	12.32	15.35	0.66	0.3	4.27
Barley	42,501	69.26	19.2	7.44	-	0.34	3.75
Wheat	146,086	69.77	14.86	10.27	0.09	0.18	4.82
Maize	2,374,721	73.94	8.78	10.24	0.52	1.5	5.02
Sorghum	1,178,942	69.43	10.97	12.32	0.34	1.3	5.64
Finger millet	437,692	72.76	11.12	9.3	0.43	1.14	5.25
Oats "Aja"	741	92	8	-	-	-	-
Rice	7,544	54	12	34	-	-	-
Pulses	259,758	75.11	11.62	10.76	0.05	0.04	2.43
Horse beans white	104,395	75.73	12.09	9.42	0.15	0.05	2.56
Horse beans red	67,160	74.72	12.92	10.52	-	-	1.84
Field peas	22,564	72.73	14.09	8.86	-	-	4.32
Haricot beans	41,035	78.87	9.48	8.16	-	0.09	3.4
Chick – peas	18,854	69.58	10	20	-	-	0.42
Lentils	-	-	-	-	-	-	-
Vetch	713	93.33	6.67	-	-	-	-
Soya beans	2,347	73.33	14.17	12.5	-	-	-
Fenugreek	2,689	70.5	10.08	18.08	-	-	1.33
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	86,770	50.38	9.32	38.83	0.15	-	1.33
Neug	36,248	33.33	14.52	51.67	-	-	0.48
Linseed	1,585	58.33	11	30	-	-	0.67
Groundnuts	5,091	43.48	10.22	42.39	1.74	-	2.17
Safflower	673	60	10.45	26.82	-	-	2.73
Sesame	8,088	30.87	13.7	55	-	-	0.43
Rapeseed	35,086	57.7	6.8	33.97	-	-	1.53
Vegetables	179,226	65	2.58	30.15	0.41	-	1.87
Lettuce	3	100	-	-	-	-	-
Head cabbage	9,308	72.55	-	24.39	0.82	-	2.24
Ethiopian cabbage	9,015	85.2	-	13.2	-	-	1.6
Tomatoes	3,999	75.71	-	24.29	-	-	-
Green peppers	12,155	87.05	1.26	9.79	0.11	-	1.79
Red peppers	144,746	51.57	4.08	41.89	0.52	-	1.93
Swiss chard	-	-	-	-	-	-	-
Root Crops	717,227	82.76	2.62	11.83	0.11	1.69	0.98
Beetroot	4,450	81.85	-	16.67	-	-	1.48
Carrot	37	84.44	-	14.44	-	-	1.11
Onion	13,970	66.19	0.95	30.48	-	-	2.38
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	5,003	72.07	8.97	16.9	-	-	2.07
Taro / 'Godere'	56,183	90.31	2.44	6.3	0.24	0.39	0.31
Sweet potatoes	637,585	80.85	2.42	11.9	0.07	3.73	1.05
Permanent crops	381,565	57.88	0.51	36.97	0.47	0.56	3.61
Avocados	110	57.22	-	33.33	-	-	9.44
Bananas	59,864	57.61	0.25	38.91	0.12	0.04	3.07
Guavas	22	86.43	-	5	-	-	8.57
Lemons	1,091	100	-	-	-	-	-
Mangoes	24,524	61.91	0.26	30.7	0.35	-	6.78
Oranges	2,522	67.6	2.8	25.6	-	-	4
Papayas	6,299	70	-	23.27	-	-	6.73
Pineapples	2	90	-	10	-	-	-
Chat	40,463	35.99	1.71	57.46	0.63	-	4.21
Coffee	184,382	55.01	0.4	40.69	0.86	-	3.04
Hops (Gesho)	4,040	44.55	-	53.45	-	-	2
Sugar cane	58,245	56	0.67	36.67	0.67	4	2
Enset	-	-	-	-	-	-	-

TABLE 1.4.17- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Horogudru Wellega

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	6,330,431	49.07	14.23	33.73	1.75	0.4	0.82
Cereals	5,171,379	58.12	14.24	24.04	1.89	0.69	1.03
Teff	1,644,022	58.66	18.11	19.84	2.37	0.27	0.73
Barley	157,260	57.74	22.31	16.02	1.57	1.29	1.07
Wheat	662,016	51.88	21.05	24.38	1.38	0.3	1.02
Maize	2,409,102	59.22	4.91	31.33	2	1.14	1.4
Sorghum	286,822	67.66	9.25	20.78	1.98	-	0.33
Finger millet	10,800	71.67	14.67	13.67	-	-	-
Oats "Aja"	1,245	71.43	15.71	11.43	-	0.71	0.71
Rice	*	-	-	-	-	-	-
Pulses	350,293	58.38	16.86	22.64	1.34	0.04	0.75
Horse beans white	139,597	60.96	17.2	19.79	1	0.04	1
Horse beans red	96,976	61.67	16.89	17.98	2.72	-	0.74
Field peas	77	90	10	-	-	-	-
Haricot beans	55,063	61.4	15.4	22.2	1	-	-
Chick – peas	3,239	71.67	13.89	14.44	-	-	-
Lentils	9	65	-	35	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	52,498	11.33	19.33	68.67	-	0.67	-
Fenugreek	1,089	56.39	17.01	25.98	-	-	0.62
Masho	1,747	2.22	13.89	78.33	5.56	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	808,759	19.07	11.95	66.83	1.76	0.02	0.38
Neug	603,265	11.72	12.6	72.8	2.64	-	0.23
Linseed	5,022	35	23.95	40	1.05	-	-
Groundnuts	51,633	12.1	19.9	66	2	-	-
Safflower	1,814	46.88	6.35	46.76	-	-	-
Sesame	102,569	1.46	11.84	84.8	1.89	-	-
Rapeseed	44,456	37.55	7.82	53.22	0.34	0.06	1.01
Vegetables	23,259	84.97	0.21	14.1	-	-	0.72
Lettuce	-	-	-	-	-	-	-
Head cabbage	1,647	82.5	0.21	16.25	-	-	1.04
Ethiopian cabbage	1,180	87.39	-	12.17	-	-	0.43
Tomatoes	638	62.5	-	37.5	-	-	-
Green peppers	12,887	86.61	0.17	12.18	-	-	1.03
Red peppers	6,871	82.59	0.13	17.28	-	-	-
Swiss chard	36	96	4	-	-	-	-
Root Crops	65,627	72.13	10.42	16.58	-	0.03	0.85
Beetroot	2,690	80.69	-	18.23	-	-	1.08
Carrot	812	60.71	-	37.86	-	-	1.43
Onion	5,574	71.41	4.86	22.96	-	-	0.77
Potatoes	41,477	70.83	19.79	8.13	-	-	1.25
Yam	-	-	-	-	-	-	-
Garlic	12,281	69.28	15.82	14.12	-	-	0.77
Taro / 'Godere'	75	100	-	-	-	-	-
Sweet potatoes	2,719	87.14	7.14	5	-	0.71	-
Permanent crops	162,901	48.18	0.48	50.84	0.18	-	0.34
Avocados	-	-	-	-	-	-	-
Bananas	6,160	60.36	-	39.17	-	-	0.48
Guavas	*	-	-	-	-	-	-
Lemons	1,747	46.67	-	49.17	-	-	4.17
Mangoes	6,327	75	-	24.17	0.83	-	-
Oranges	107	100	-	-	-	-	-
Papayas	738	87.14	-	12.14	-	-	0.71
Pineapples	-	-	-	-	-	-	-
Chat	856	0.09	-	99.91	-	-	-
Coffee	8,723	96.73	-	3.27	-	-	-
Hops (Geshe)	7,295	39.09	0.85	59.82	0.06	-	0.18
Sugar cane	130,942	33.46	1.92	61.92	1.54	-	1.15
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		Wages In kind	Animal Feed	Others
Grain Crops	1,718,173	78.99	11.88	7.85	0.08	0.15	1.04
Cereals	1,675,839	85.52	9.96	3.13	-	0.18	1.21
Teff	-	-	-	-	-	-	-
Barley	2,765	100	-	-	-	-	-
Wheat	203,611	91.77	3.39	1.61	-	-	3.23
Maize	615,030	85.42	8.56	4.53	-	0.13	1.36
Sorghum	854,158	83.61	14.37	1.28	-	0.32	0.43
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	275	25	-	75	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	7,455	74	10.29	15.14	-	-	0.57
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	1,969	63.33	8.75	27.92	-	-	-
Haricot beans	5,266	83.57	12.14	3.33	-	-	0.95
Chick – peas	-	-	-	-	-	-	-
Lentils	64	25	-	75	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	156	50	-	50	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	34,879	19.38	33.96	45.63	1.04	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	34,853	17.62	29.05	52.14	1.19	-	-
Safflower	-	-	-	-	-	-	-
Sesame	26	31.67	68.33	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	7,144	27.6	-	66.4	0.4	-	5.6
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	6,939	30.45	-	63.18	0.45	-	5.91
Green peppers	205	6.67	-	90	-	-	3.33
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	160,202	19.84	0.26	73.66	0.98	-	5.26
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	160,202	19.84	0.26	73.66	0.98	-	5.26
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	78,398	31.54	-	63.32	0.28	-	4.86
Avocados	-	-	-	-	-	-	-
Bananas	11,908	31	-	58.5	-	-	10.5
Guavas	229	98.33	-	-	-	-	1.67
Lemons	1,079	26.45	-	72.59	-	-	0.95
Mangoes	8,245	16.36	-	73.18	-	-	10.45
Oranges	27,349	18.54	-	78.54	-	-	2.91
Papayas	2,260	8.75	-	81.25	-	-	10
Pineapples	-	-	-	-	-	-	-
Chat	27,327	38.23	-	56.11	0.53	-	5.13
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-

TABLE 1.5.1- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Shinele								
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		Animal Feed	Others
		Household Consumption	Seed	Sale	Wages In kind			
Grain Crops	18,512	85.82	12.85	-	-	-	0.55	0.78
Cereals	18,497	88.46	10.13	-	-	-	0.58	0.83
Teff	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-
Maize	3,461	93.36	2.73	-	-	-	-	3.91
Sorghum	15,036	87.15	12.12	-	-	-	0.73	-
Finger millet	-	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-
Pulses	13	25	75	-	-	-	-	-
Horse beans white	-	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-	-
Field peas	*	-	-	-	-	-	-	-
Haricot beans	12	25	75	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oilseeds	2	47.5	52.5	-	-	-	-	-
Neug	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-	-
Sesame	2	47.5	52.5	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-
Vegetables	88	10	-	90	-	-	-	-
Lettuce	-	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-	-
Tomatoes	87	10	-	90	-	-	-	-
Green peppers	*	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-	-
Root Crops	170	25	-	71	-	-	-	4
Beetroot	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onion	170	25	-	71	-	-	-	4
Potatoes	-	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-
Permanent crops	36,951	23.49	-	72.17	-	-	-	4.34
Avocados	-	-	-	-	-	-	-	-
Bananas	627	56.25	-	27.5	-	-	-	16.25
Guavas	2	100	-	-	-	-	-	-
Lemons	1,079	26.45	-	72.59	-	-	-	0.95
Mangoes	5,152	19.38	-	68.13	-	-	-	12.5
Oranges	27,349	18.54	-	78.54	-	-	-	2.91
Papayas	*	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-	-
Chat	2,662	21.64	-	73.58	-	-	-	4.78
Coffee	-	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-	-

TABLE 1.5.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Jijiga								
Type of Crop	Total Production (Quintal)	Percent		Utilized	For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others	
Grain Crops	1,622,483	75.94	12.73	10.23	0.14	-	0.95	
Cereals	1,585,654	87.1	10.12	1.57	-	-	1.2	
Teff	-	-	-	-	-	-	-	
Barley	2,765	100	-	-	-	-	-	
Wheat	201,028	91.83	3.17	1.67	-	-	3.33	
Maize	542,669	90.63	8.78	-	-	-	0.59	
Sorghum	838,917	81	16.55	1.76	-	-	0.69	
Finger millet	-	-	-	-	-	-	-	
Oats "Aja"	275	25	-	75	-	-	-	
Rice	-	-	-	-	-	-	-	
Pulses	1,952	59.64	7.5	32.86	-	-	-	
Horse beans white	-	-	-	-	-	-	-	
Horse beans red	-	-	-	-	-	-	-	
Field peas	1,732	63.33	8.75	27.92	-	-	-	
Haricot beans	-	-	-	-	-	-	-	
Chick – peas	-	-	-	-	-	-	-	
Lentils	64	25	-	75	-	-	-	
Vetch	-	-	-	-	-	-	-	
Soya beans	-	-	-	-	-	-	-	
Fenugreek	156	50	-	50	-	-	-	
Masho	-	-	-	-	-	-	-	
Gibto	-	-	-	-	-	-	-	
Oilseeds	34,877	16.82	32.27	49.77	1.14	-	-	
Neug	-	-	-	-	-	-	-	
Linseed	-	-	-	-	-	-	-	
Groundnuts	34,853	17.62	29.05	52.14	1.19	-	-	
Safflower	-	-	-	-	-	-	-	
Sesame	24	-	100	-	-	-	-	
Rapeseed	-	-	-	-	-	-	-	
Vegetables	6,986	48.64	-	39.55	0.91	-	10.91	
Lettuce	-	-	-	-	-	-	-	
Head cabbage	-	-	-	-	-	-	-	
Ethiopian cabbage	-	-	-	-	-	-	-	
Tomatoes	6,812	48.64	-	39.55	0.91	-	10.91	
Green peppers	*	-	-	-	-	-	-	
Red peppers	-	-	-	-	-	-	-	
Swiss chard	-	-	-	-	-	-	-	
Root Crops	157,499	22.38	-	71.63	-	-	6	
Beetroot	-	-	-	-	-	-	-	
Carrot	-	-	-	-	-	-	-	
Onion	157,499	22.38	-	71.63	-	-	6	
Potatoes	-	-	-	-	-	-	-	
Yam	-	-	-	-	-	-	-	
Garlic	-	-	-	-	-	-	-	
Taro / 'Godere'	-	-	-	-	-	-	-	
Sweet potatoes	-	-	-	-	-	-	-	
Permanent crops	25,401	49.51	-	44.51	0.82	-	5.16	
Avocados	-	-	-	-	-	-	-	
Bananas	-	-	-	-	-	-	-	
Guavas	227	97.5	-	-	-	-	2.5	
Lemons	-	-	-	-	-	-	-	
Mangoes	370	10	-	90	-	-	-	
Oranges	-	-	-	-	-	-	-	
Papayas	*	-	-	-	-	-	-	
Pineapples	-	-	-	-	-	-	-	
Chat	24,665	48.53	-	45.26	0.86	-	5.34	
Coffee	-	-	-	-	-	-	-	
Hops (Gesho)	-	-	-	-	-	-	-	
Sugar cane	-	-	-	-	-	-	-	
Enset	-	-	-	-	-	-	-	

TABLE 1.5.3- 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	77,178	80.97	9.29	8.12	-	0.19	1.43
Cereals	71,688	79.04	9.39	9.74	-	0.26	1.58
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	2,583	90	10	-	-	-	-
Maize	68,900	78.89	9.54	9.72	-	0.28	1.57
Sorghum	205	77.5	5	15	-	-	2.5
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	5,490	86.5	9	3.5	-	-	1
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	*	-	-	-	-	-	-
Haricot beans	5,254	86.5	9	3.5	-	-	1
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	70	12.14	-	85	-	-	2.86
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	40	16.25	-	81.25	-	-	2.5
Green peppers	30	6.67	-	90	-	-	3.33
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	2,533	10.08	1.15	80.92	4.38	-	3.46
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	2,533	10.08	1.15	80.92	4.38	-	3.46
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	16,046	11.25	-	80.83	-	-	7.92
Avocados	-	-	-	-	-	-	-
Bananas	11,281	14.17	-	79.17	-	-	6.67
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	2,724	7.5	-	85	-	-	7.5
Oranges	-	-	-	-	-	-	-
Papayas	2,041	8.75	-	81.25	-	-	10
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)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	4,817,642	60.75	9.69	26.43	0.87	0.44	1.82
Cereals	3,774,491	73.24	9.58	13.74	0.89	0.69	1.87
Teff	315,277	61.31	12.43	21.52	1.32	0.08	3.35
Barley	7,951	63.06	22.36	9.31	0.83	3.61	0.83
Wheat	67,402	62.05	13.47	21.02	-	0.4	3.07
Maize	1,673,760	76.28	8.51	12.49	0.76	0.79	1.17
Sorghum	1,168,956	74.95	9.07	13.34	0.45	0.76	1.43
Finger millet	518,245	73.08	9.37	11.22	2.13	0.49	3.72
Oats "Aja"	2,715	50	46.67	3.33	-	-	-
Rice	20,185	75.77	11.15	7.69	2.31	-	3.08
Pulses	377,494	59.41	10.28	27.55	0.96	0.02	1.79
Horse beans white	13,369	77.53	10.65	9.09	2.12	-	0.61
Horse beans red	10,347	67.24	17.66	10	-	-	5.1
Field peas	36,369	76.76	9.33	10.03	1.82	0.08	1.98
Haricot beans	51,881	73.04	7.61	16.63	0.63	-	2.09
Chick – peas	1,763	73.4	7.4	15.2	-	-	4
Lentils	84	75	12.5	11.25	-	-	1.25
Vetch	-	-	-	-	-	-	-
Soya beans	256,408	15.8	13.6	69.05	0.68	-	0.87
Fenugreek	-	-	-	-	-	-	-
Masho	7,273	89.4	7.2	2	1	0.4	-
Gibto	-	-	-	-	-	-	-
Oilseeds	665,657	27.32	9.64	60.58	0.76	0.02	1.69
Neug	63,938	24.63	9.66	65	0.38	0.06	0.27
Linseed	1,705	69.23	8.25	21.59	-	-	0.93
Groundnuts	324,447	28.73	12.5	55	0.62	-	3.15
Safflower	2,108	65.77	6.92	24.23	1.92	-	1.15
Sesame	267,738	16.48	8.38	71.9	1.21	0.01	2.02
Rapeseed	5,721	56.04	9.92	34.04	-	-	-
Vegetables	25,323	77.54	0.92	20.6	0.28	-	0.66
Lettuce	-	-	-	-	-	-	-
Head cabbage	594	88.91	-	10.16	-	-	0.94
Ethiopian cabbage	844	82.69	0.26	17.05	-	-	-
Tomatoes	328	69.69	0.31	29.79	-	-	0.21
Green peppers	951	86.46	0.02	12.98	-	-	0.54
Red peppers	22,606	75.34	1.36	22.06	0.43	-	0.81
Swiss chard	-	-	-	-	-	-	-
Root Crops	113,569	81.04	3	15.14	0.24	0.01	0.57
Beetroot	469	87.06	0.29	12.65	-	-	-
Carrot	11	61.25	-	38.75	-	-	-
Onion	5,538	65.6	2.02	31.19	0.6	0.12	0.48
Potatoes	27,400	81.04	11.04	7.92	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	95	52.6	18.5	27.1	1.8	-	-
Taro / 'Godere'	8,702	88.24	0.74	10.29	-	-	0.74
Sweet potatoes	71,354	86.29	0.75	12.21	0.03	-	0.72
Permanent crops	164,436	55.37	0.52	41.96	0.08	0.03	2.04
Avocados	-	-	-	-	-	-	-
Bananas	50,271	47.49	0.98	49.92	0.04	-	1.58
Guavas	662	76.03	-	22.94	-	-	1.03
Lemons	1,230	50.9	-	44.1	0.6	-	4.4
Mangoes	62,864	57.44	0.2	39.21	0.11	0.05	2.99
Oranges	1,879	55.55	0.08	41.72	-	-	2.65
Papayas	7,605	66.83	0.79	30.48	0.03	-	1.86
Pineapples	-	-	-	-	-	-	-
Chat	14,319	30.23	-	67.56	-	-	2.22
Coffee	3,686	68.23	1.35	30.08	0.14	-	0.19
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	21,920	29.08	0.13	66.58	0.13	-	4.08
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		Wages In kind	Animal Feed	Others
Grain Crops	2,836,951	54.11	12.01	26.69	2.46	0.3	4.42
Cereals	2,078,714	68.32	11.54	12.62	2.52	0.5	4.5
Teff	272,928	62.93	15.28	12.39	2.85	-	6.56
Barley	7,481	60	24.07	9.07	1.11	4.81	0.93
Wheat	58,372	58.03	22.12	14.12	-	-	5.74
Maize	914,247	71.71	8.89	14.6	2.15	0.41	2.24
Sorghum	320,227	70.55	9.77	11.9	1.31	1.43	5.04
Finger millet	483,416	67.65	10.44	10.3	4.4	-	7.21
Oats "Aja"	2,422	50	40	10	-	-	-
Rice	19,623	79.55	10.91	3.18	2.73	-	3.64
Pulses	265,268	56.67	13.31	23.68	2.61	-	3.73
Horse beans white	12,432	72.8	13.22	10.41	2.86	-	0.71
Horse beans red	10,312	67.24	17.66	10	-	-	5.1
Field peas	24,264	69.95	12.93	7.48	5	-	4.64
Haricot beans	38,264	76.7	7.8	2.84	3.02	-	9.64
Chick – peas	*	-	-	-	-	-	-
Lentils	84	75	12.5	11.25	-	-	1.25
Vetch	-	-	-	-	-	-	-
Soya beans	179,909	9.97	15.78	71.55	1.95	-	0.76
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	492,969	17.43	12.29	63.35	2.21	-	4.71
Neug	17,241	29.69	12.08	53.04	2.88	-	2.31
Linseed	930	54.4	22.4	9.2	-	-	14
Groundnuts	313,532	8.34	15.46	69.63	1.11	-	5.46
Safflower	1,998	78	7	9	5	-	1
Sesame	153,828	9.72	9.21	71.66	3.72	-	5.69
Rapeseed	5,440	51.07	12.54	36.39	-	-	-
Vegetables	8,753	80.8	1.52	15.54	0.83	-	1.3
Lettuce	-	-	-	-	-	-	-
Head cabbage	34	84.33	-	14.33	-	-	1.33
Ethiopian cabbage	201	91.43	1.43	7.14	-	-	-
Tomatoes	7	75.71	-	24.29	-	-	-
Green peppers	38	93.63	0.13	6.25	-	-	-
Red peppers	8,473	79.1	1.92	16.33	1.1	-	1.55
Swiss chard	-	-	-	-	-	-	-
Root Crops	55,175	72.67	9.14	16.99	0.83	-	0.36
Beetroot	359	89.5	-	10.5	-	-	-
Carrot	10	64	-	36	-	-	-
Onion	1,369	74.06	2.81	20.94	1.56	-	0.63
Potatoes	27,318	79.74	12.37	7.89	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	84	48.48	20.11	29.46	1.96	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	26,035	92.48	1.33	5.24	-	-	0.95
Permanent crops	13,660	61.86	1.25	35.09	-	-	1.8
Avocados	-	-	-	-	-	-	-
Bananas	1,769	53.06	3.87	42.1	-	-	0.97
Guavas	95	74	-	25.33	-	-	0.67
Lemons	396	58.57	-	38.57	-	-	2.86
Mangoes	4,900	68.28	-	29.61	-	-	2.11
Oranges	47	64.29	-	35.71	-	-	-
Papayas	756	75.53	-	21.49	-	-	2.98
Pineapples	-	-	-	-	-	-	-
Chat	136	59.55	-	40.45	-	-	-
Coffee	1,054	38.08	7.88	54.04	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	4,507	16.15	0.38	80.77	-	-	2.69
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		Wages In kind	Animal Feed	Others
Grain Crops	976,804	64.66	8.77	25.03	0.1	0.7	0.74
Cereals	834,674	77.39	8.58	12	0.14	1.07	0.83
Teff	35,456	57.45	10.52	31.01	-	-	1.02
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	329,833	81.22	7.93	8.67	0.13	1.4	0.64
Sorghum	449,751	78.49	9.11	10.36	0.21	0.97	0.86
Finger millet	18,844	82.13	6.87	8.31	0.03	1.33	1.33
Oats "Aja"	*	-	-	-	-	-	-
Rice	514	55	12.5	32.5	-	-	-
Pulses	60,153	50.73	10.07	37.94	0.03	0.07	1.17
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	9,295	75.95	9.73	14.05	-	0.27	-
Haricot beans	3,867	76.92	5.03	17.92	-	-	0.13
Chick – peas	1,725	71.09	8.04	16.52	-	-	4.35
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	45,023	16.95	13.49	68.22	-	-	1.35
Fenugreek	-	-	-	-	-	-	-
Masho	243	85	9.33	3.33	1.67	0.67	-
Gibto	-	-	-	-	-	-	-
Oilseeds	81,977	35.71	8.48	55.56	0.02	0.01	0.22
Neug	38,988	19.1	8.99	71.91	-	-	-
Linseed	447	63	5.88	31.12	-	-	-
Groundnuts	6,148	55.16	9.22	35.51	-	-	0.1
Safflower	37	39	6	54	-	-	1
Sesame	36,264	36.58	8.55	54.09	0.07	0.05	0.66
Rapeseed	93	79.5	3	17.5	-	-	-
Vegetables	12,324	74.99	0.39	24.38	-	-	0.23
Lettuce	-	-	-	-	-	-	-
Head cabbage	441	85.71	-	12.86	-	-	1.43
Ethiopian cabbage	39	90	-	10	-	-	-
Tomatoes	112	100	-	-	-	-	-
Green peppers	364	70	-	30	-	-	-
Red peppers	11,368	72.21	0.51	27.08	-	-	0.2
Swiss chard	-	-	-	-	-	-	-
Root Crops	20,121	82.8	1	15.59	-	-	0.61
Beetroot	101	78.33	1.67	20	-	-	-
Carrot	0	20	-	80	-	-	-
Onion	507	83.33	2.5	14.17	-	-	-
Potatoes	17	100	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	1	100	-	-	-	-	-
Taro / 'Godere'	203	50	-	50	-	-	-
Sweet potatoes	19,292	84.34	0.91	14.01	-	-	0.74
Permanent crops	114,758	56.54	0.34	41.18	0.15	0.03	1.76
Avocados	-	-	-	-	-	-	-
Bananas	38,951	41.08	1.11	57.02	0.09	-	0.69
Guavas	550	76.8	-	22	-	-	1.2
Lemons	788	48.8	-	47.2	1.2	-	2.8
Mangoes	53,501	49.56	0.38	46.89	0.21	0.1	2.86
Oranges	1,232	55.71	-	41.4	-	-	2.89
Papayas	3,233	59.64	0.12	39.17	0.12	-	0.95
Pineapples	-	-	-	-	-	-	-
Chat	1,353	29.64	-	69.11	-	-	1.25
Coffee	1,408	94.31	-	5.69	-	-	-
Hops (Geshe)	-	-	-	-	-	-	-
Sugar cane	13,743	26.79	-	67.14	0.36	-	5.71
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		Wages In kind	Animal Feed	Others
Grain Crops	800,563	58.74	8.11	31.91	0.35	0.35	0.54
Cereals	675,862	71.8	8.03	18.38	0.53	0.56	0.69
Teff	3,741	68.57	8.78	22.65	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	346,379	72.19	7.45	18.72	0.52	0.67	0.45
Sorghum	321,405	71.25	8.08	18.42	0.65	0.51	1.1
Finger millet	4,337	75.42	11.84	12.26	-	0.48	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	46,233	67.97	7.25	24.46	-	-	0.31
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	2,300	90.45	4.09	4.39	-	-	1.06
Haricot beans	5,498	84.24	7.63	8.14	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	31,404	5.38	10.77	83.85	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	7,030	96	4	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	78,468	21.88	8.76	68.98	0.09	-	0.29
Neug	611	65.29	15.43	19.29	-	-	-
Linseed	35	65	35	-	-	-	-
Groundnuts	3,826	57.41	10.62	31.97	-	-	-
Safflower	74	90	8.33	-	-	-	1.67
Sesame	73,924	10.49	7.46	81.6	0.12	-	0.35
Rapeseed	-	-	-	-	-	-	-
Vegetables	2,872	82.11	0.61	16.78	0.11	-	0.39
Lettuce	-	-	-	-	-	-	-
Head cabbage	17	100	-	-	-	-	-
Ethiopian cabbage	190	80	-	20	-	-	-
Tomatoes	8	90	-	10	-	-	-
Green peppers	188	82.26	-	17.74	-	-	-
Red peppers	2,470	80.75	0.9	17.6	0.17	-	0.58
Swiss chard	-	-	-	-	-	-	-
Root Crops	14,358	94.08	0.06	5.11	0.11	-	0.63
Beetroot	*	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	1,302	85	-	15	-	-	-
Potatoes	10	100	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	10	100	-	-	-	-	-
Taro / 'Godere'	2,456	86	-	12	-	-	2
Sweet potatoes	10,577	95.37	0.07	3.9	0.15	-	0.51
Permanent crops	5,909	60.27	-	37.14	-	-	2.58
Avocados	-	-	-	-	-	-	-
Bananas	3,564	49.42	-	49.04	-	-	1.54
Guavas	7	73.33	-	26.67	-	-	-
Lemons	13	41.67	-	58.33	-	-	-
Mangoes	476	70.28	-	25.56	-	-	4.17
Oranges	30	95	-	2.5	-	-	2.5
Papayas	1,197	48.08	-	51.92	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	189	100	-	-	-	-	-
Coffee	4	40	-	60	-	-	-
Hops (Geshe)	-	-	-	-	-	-	-
Sugar cane	431	45	-	46.25	-	-	8.75
Enset	-	-	-	-	-	-	-

TABLE 1.6.4- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Mao Komo

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops	203,324	66.35	9.05	23.33	0.13	0.39	0.75
Cereals	185,241	75.29	9.61	13.47	0.13	0.56	0.93
Teff	3,152	60.83	9.48	29.17	-	0.52	-
Barley	470	72.22	17.22	10	-	-	0.56
Wheat	9,030	64.57	8.02	25.37	-	0.65	1.39
Maize	83,302	79.34	9.7	9.08	0.07	0.62	1.19
Sorghum	77,573	76.24	9.7	12.56	0.15	0.46	0.9
Finger millet	11,648	75.04	8.6	14.7	0.4	0.71	0.56
Oats "Aja"	18	50	50	-	-	-	-
Rice	*	-	-	-	-	-	-
Pulses	5,840	68.75	7.73	23.05	0.08	-	0.39
Horse beans white	937	91.18	3.24	5.29	-	-	0.29
Horse beans red	*	-	-	-	-	-	-
Field peas	509	59.29	9.29	31.43	-	-	-
Haricot beans	4,252	63.67	8.56	27.18	0.11	-	0.48
Chick – peas	35	100	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	72	81.25	8.13	10.63	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	12,243	36.96	7.98	54.46	0.15	0.06	0.38
Neug	7,098	23.81	8.85	66.93	0.18	0.18	0.06
Linseed	293	75	6.07	18.93	-	-	-
Groundnuts	941	39.59	8.38	49.86	0.27	-	1.89
Safflower	-	-	-	-	-	-	-
Sesame	3,723	23.41	8.89	67.3	0.16	-	0.24
Rapeseed	189	69.75	-	30.25	-	-	-
Vegetables	1,373	72.73	0.97	25.8	-	-	0.5
Lettuce	-	-	-	-	-	-	-
Head cabbage	101	97.14	-	2.86	-	-	-
Ethiopian cabbage	415	77.38	-	22.62	-	-	-
Tomatoes	202	61.09	0.47	38.13	-	-	0.31
Green peppers	360	95	-	3.5	-	-	1.5
Red peppers	295	63.97	2.56	32.95	-	-	0.51
Swiss chard	-	-	-	-	-	-	-
Root Crops	23,916	80.47	1	17.85	-	0.02	0.65
Beetroot	5	87.5	-	12.5	-	-	-
Carrot	0	75	-	25	-	-	-
Onion	2,360	45.63	1.56	51.88	-	0.31	0.63
Potatoes	56	65	15	20	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	6,044	90	0.89	8.57	-	-	0.54
Sweet potatoes	15,450	80.75	0.82	17.69	-	-	0.75
Permanent crops	30,109	49.87	0.44	47.2	0.06	0.04	2.39
Avocados	-	-	-	-	-	-	-
Bananas	5,987	52.13	0.2	44.95	-	-	2.72
Guavas	*	-	-	-	-	-	-
Lemons	33	47.5	-	38.75	-	-	13.75
Mangoes	3,987	59.28	-	36.56	-	-	4.17
Oranges	571	52.5	0.14	44.59	-	-	2.77
Papayas	2,420	68.33	3.33	26.52	-	-	1.82
Pineapples	-	-	-	-	-	-	-
Chat	12,641	27.09	-	70.24	-	-	2.67
Coffee	1,220	52.56	0.81	45.88	0.32	-	0.43
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	3,240	48.57	-	50.71	-	-	0.71
Enset	-	-	-	-	-	-	-

TABLE 1.7- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

S.N.N.P.Region							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	23,400,557	58.98	12.72	25.48	0.67	0.68	1.47
Cereals	19,804,750	58.24	12.54	25.93	0.77	0.93	1.59
Teff	2,773,601	39.16	14.23	43.9	0.8	0.19	1.72
Barley	1,424,372	55.42	17.39	24.64	0.49	0.77	1.29
Wheat	3,346,339	48.98	16.07	32.77	0.85	0.13	1.2
Maize	9,997,355	69.91	8.89	17.32	0.6	1.5	1.78
Sorghum	2,157,466	68.95	10.51	16.16	1.13	1.66	1.59
Finger millet	52,739	76.92	9.54	11.11	0.31	0.28	1.84
Oats "Aja"	3,470	57.5	15.21	24.38	0.21	1.88	0.83
Rice	49,407	45.54	8.29	35.73	6.78	-	3.66
Pulses	3,570,976	60.91	12.95	24.2	0.49	0.19	1.25
Horse beans white	1,040,766	57.67	13.72	26.65	0.59	0.02	1.34
Horse beans red	592,622	52.03	16	30.2	0.49	0.01	1.27
Field peas	50,564	75.95	11.86	10.99	0.15	-	1.04
Haricot beans	1,651,060	66.78	10.86	20.34	0.46	0.33	1.23
Chick – peas	214,004	49.56	9.62	36.84	0.72	1.94	1.32
Lentils	5,111	49.21	23.07	27.07	-	-	0.64
Vetch	9,437	31.15	19.62	49.23	-	-	-
Soya beans	4,191	76.77	7.1	11.94	1.77	0.32	2.1
Fenugreek	1,131	56.84	18.99	23.67	-	-	0.51
Masho	2,090	58.08	22.5	18.27	-	-	1.15
Gibto	-	-	-	-	-	-	-
Oilseeds	24,832	48.39	16.05	34.33	0.38	0.02	0.81
Neug	3,718	34.58	12.08	53.33	-	-	-
Linseed	2,564	50.46	18.02	30.13	0.63	-	0.77
Groundnuts	6,849	45.21	16.04	36.25	-	-	2.5
Safflower	2,135	65.75	7.75	25.67	0.42	0.21	0.21
Sesame	6,597	17.63	12.95	69.42	-	-	-
Rapeseed	2,969	53.53	18.74	26.58	0.24	-	0.92
Vegetables	2,917,145	72.73	0.8	24.39	0.39	0.15	1.55
Lettuce	-	-	-	-	-	-	-
Head cabbage	95,154	54.57	0.52	41.08	0.26	1.93	1.64
Ethiopian cabbage	2,256,251	79.76	0.63	17.49	0.33	0.1	1.68
Tomatoes	17,714	62.85	0.3	35.63	0.68	-	0.54
Green peppers	114,198	71.02	0.28	27.16	0.36	0.03	1.14
Red peppers	433,829	31.57	2.7	63.68	0.84	0.05	1.17
Swiss chard	-	-	-	-	-	-	-
Root Crops	18,499,581	72.73	8	16.61	0.48	1.44	0.73
Beetroot	65,822	64.29	0.5	34.22	0.5	-	0.48
Carrot	20,680	61.38	0.92	36.48	0.05	0.1	1.07
Onion	178,710	53.41	5.15	40.43	0.23	-	0.77
Potatoes	1,714,758	62.39	19.54	17.03	0.32	0.16	0.57
Yam	522,502	76.25	6.71	16.34	0.17	0.02	0.51
Garlic	140,905	47.36	13.29	38.58	0.02	0.05	0.7
Taro / 'Godere'	10,774,675	77.07	9.87	10.64	0.54	1.03	0.85
Sweet potatoes	5,081,528	77.66	1.01	15.23	0.79	4.65	0.66
Permanent crops	15,956,471	52.69	0.42	43.16	0.68	1.38	1.67
Avocados	298,373	47.43	0.17	49.9	0.52	0.45	1.54
Bananas	3,316,062	41.79	0.43	55.35	0.41	0.74	1.27
Guavas	2,393	67	0.08	28.58	0.15	0.23	3.96
Lemons	11,504	37.67	0.38	57.87	0.31	-	3.77
Mangoes	437,377	55.64	0.38	40.71	0.64	0.15	2.47
Oranges	90,760	53.41	-	42.43	0.65	0.1	3.41
Papayas	299,812	76.98	-	20.71	0.36	0.15	1.8
Pineapples	2,695	50.56	-	48.97	-	-	0.48
Chat	497,142	15.7	0.28	81.62	0.36	0.1	1.94
Coffee	1,525,701	40.66	0.52	56.69	0.7	0.05	1.38
Hops (Gesho)	1,784	27.27	0.16	71.23	0.02	0.02	1.29
Sugar cane	9,472,868	44.05	0.75	46.68	0.31	6.6	1.6
Enset	37,745,372	79.82	0.51	13.7	1.15	3.05	1.76

TABLE 1.7.1- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Gurage							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	2,738,607	65.29	7.48	24.71	0.31	0.38	1.84
Cereals	2,442,631	63.34	7.59	26.51	0.38	0.5	1.68
Teff	391,577	43.68	7.72	46.36	0.12	-	2.12
Barley	279,628	64.62	11.37	21.18	0.22	0.08	2.52
Wheat	588,462	54.48	11.55	32.22	0.28	0.07	1.4
Maize	1,088,249	77.51	3.2	16.81	0.58	0.85	1.04
Sorghum	94,373	62.39	7.02	25.2	0.88	2.45	2.06
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	343	100	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	292,940	72.5	7.17	17.85	0.07	0.01	2.4
Horse beans white	94,787	83.98	6.84	6.33	0.08	0.02	2.76
Horse beans red	30,581	80.45	6.36	9.7	-	-	3.48
Field peas	122	100	-	-	-	-	-
Haricot beans	4,185	71.79	1.07	27.14	-	-	-
Chick – peas	152,366	32.22	10.97	54.58	0.14	-	2.08
Lentils	1,195	75	10	15	-	-	-
Vetch	8,489	29.44	11.67	58.89	-	-	-
Soya beans	*	-	-	-	-	-	-
Fenugreek	*	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	3,035	46.36	6.82	45.91	-	-	0.91
Neug	2,709	30	7.5	62.5	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	*	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	173	66	6	26	-	-	2
Vegetables	241,882	76.7	0.57	19.57	0.75	0.06	2.34
Lettuce	-	-	-	-	-	-	-
Head cabbage	15,525	59.13	-	37.52	-	-	3.35
Ethiopian cabbage	159,061	84.04	0.59	12.28	0.78	0.08	2.23
Tomatoes	1,261	6.67	-	87.67	-	-	5.67
Green peppers	229	77.22	-	20	-	-	2.78
Red peppers	65,805	25.93	1.11	69.44	1.48	-	2.04
Swiss chard	-	-	-	-	-	-	-
Root Crops	473,690	65.4	8.93	23.94	-	-	1.72
Beetroot	1,364	100	-	-	-	-	-
Carrot	1,364	86.56	-	12.81	-	-	0.63
Onion	18,237	50.77	-	46.92	-	-	2.31
Potatoes	260,914	61.72	15.58	20.35	-	-	2.35
Yam	1,039	91.67	5	3.33	-	-	-
Garlic	26,294	33.19	11.53	51.67	-	-	3.61
Taro / 'Godere'	163,509	77.9	8.43	13.16	-	-	0.51
Sweet potatoes	970	73.33	-	20	-	-	6.67
Permanent crops	345,309	62.4	0.35	34.03	0.41	0.49	2.32
Avocados	14,052	58.28	-	39.94	0.15	0.05	1.58
Bananas	39,275	63.18	-	34.43	0.11	-	2.27
Guavas	81	77.5	-	22.5	-	-	-
Lemons	1,139	7.22	-	92.22	-	-	0.56
Mangoes	9,041	46.82	-	50.68	-	-	2.5
Oranges	23,132	44.64	-	53.76	-	-	1.6
Papayas	9,151	65	-	32.31	-	-	2.69
Pineapples	-	-	-	-	-	-	-
Chat	60,354	22.89	0.38	73.61	0.52	-	2.6
Coffee	8,666	76	0.95	20.8	0.37	-	1.88
Hops (Gesho)	218	24.91	-	69.53	-	-	5.57
Sugar cane	180,201	48.81	0.48	47.14	0.24	0.95	2.38
Enset	1,730,616	87.15	0.25	8.34	0.63	1.36	2.27

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		Wages In kind	Animal Feed	Others
Grain Crops	2,735,281	61.53	10.61	25.16	0.74	0.54	1.42
Cereals	2,470,926	62.43	10.14	24.7	0.63	0.66	1.45
Teff	500,952	43.67	8.85	45.1	1.1	-	1.27
Barley	154,558	65.02	12.57	17.33	0.65	3.09	1.35
Wheat	1,021,578	52	13.17	33.53	0.57	-	0.74
Maize	684,084	82.36	7.27	7.15	0.44	1.04	1.74
Sorghum	105,958	78.47	10	8.6	0.04	0.34	2.54
Finger millet	3,768	85.38	6.15	2.31	1.54	-	4.62
Oats "Aja"	*	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	262,558	57.37	12.72	27.34	1.26	-	1.3
Horse beans white	143,570	58.61	8.47	31.13	0.79	-	1
Horse beans red	26,065	42.41	14.07	41.11	0.19	-	2.22
Field peas	2,073	42.22	52.22	2.22	1.11	-	2.22
Haricot beans	90,610	63.45	13.34	20.07	2.36	-	0.78
Chick – peas	22	10	-	90	-	-	-
Lentils	93	45	15	40	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	126	80	-	-	-	-	20
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	1,797	62.5	15	22.5	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	14	100	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	1,783	50	20	30	-	-	-
Vegetables	271,398	78.7	0.27	17.74	0.36	0.36	2.56
Lettuce	-	-	-	-	-	-	-
Head cabbage	2,549	77.65	-	14	0.25	5	3.1
Ethiopian cabbage	230,640	82.95	0.04	13.92	0.33	0.15	2.61
Tomatoes	7,739	45.91	0.91	51.36	-	-	1.82
Green peppers	8,962	67.11	-	30.53	1.05	-	1.32
Red peppers	21,509	47.12	3.27	46.35	0.58	-	2.69
Swiss chard	-	-	-	-	-	-	-
Root Crops	962,625	76.4	11.34	9.45	0.49	0.19	2.13
Beetroot	6,914	95.24	-	4.29	-	-	0.48
Carrot	1,802	71.67	-	25	-	-	3.33
Onion	766	88.21	1.43	3.57	-	-	6.79
Potatoes	89,303	58.38	35.95	5.41	-	-	0.27
Yam	4,031	86.75	10.75	1	-	-	1.5
Garlic	159	100	-	-	-	-	-
Taro / 'Godere'	774,205	70	10	15.55	1	0.45	3
Sweet potatoes	85,446	79.5	10	6.5	1.5	-	2.5
Permanent crops	1,158,837	62.91	0.11	32.34	0.63	1.88	2.14
Avocados	9,279	78.77	-	19.46	0.15	-	1.62
Bananas	170,516	47.3	-	46.44	0.23	3.83	2.21
Guavas	32	55	-	45	-	-	-
Lemons	54	10	-	80	-	-	10
Mangoes	3,516	50.63	3.13	41.56	0.94	1.25	2.5
Oranges	341	22.5	-	77.5	-	-	-
Papayas	373	100	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	10,665	13.25	-	85.58	0.33	0.33	0.5
Coffee	19,117	58.61	0.15	39.25	0.41	-	1.59
Hops (Geshe)	14	7.92	-	91.25	-	-	0.83
Sugar cane	944,931	45.73	-	47.93	0.24	4.27	1.83
Enset	1,273,258	81.69	0.03	11.51	1.12	2.72	2.93

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		Wages In kind	Animal Feed	Others
Grain Crops	743,063	66.85	10.05	20.62	0.35	1.06	1.08
Cereals	652,269	64.76	10.06	22.32	0.34	1.44	1.08
Teff	146,860	45.24	12.44	39.87	0.46	0.93	1.06
Barley	33,837	71.44	11.25	15.99	0.22	0.37	0.74
Wheat	329,029	61.35	11.36	25.36	0.4	0.21	1.31
Maize	85,223	85.79	4.31	2.88	0.14	5.34	1.54
Sorghum	55,752	79.69	7.57	10.11	0.3	1.74	0.59
Finger millet	1,569	75.56	18.56	5.89	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	90,409	72.79	9.69	16.12	0.37	-	1.03
Horse beans white	53,861	71.63	9.03	17.4	0.35	-	1.59
Horse beans red	7,278	74.25	10.13	15	0.25	-	0.38
Field peas	37	70	10	20	-	-	-
Haricot beans	28,189	76.45	10.56	11.94	0.56	-	0.48
Chick – peas	-	-	-	-	-	-	-
Lentils	6	90	10	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	1,038	54.38	11.25	34.38	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	385	71.67	23.33	2.5	-	-	2.5
Neug	-	-	-	-	-	-	-
Linseed	20	90	10	-	-	-	-
Groundnuts	282	83.33	16.67	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	83	-	70	15	-	-	15
Vegetables	142,655	75.62	0.38	20.21	0.93	0.7	2.16
Lettuce	-	-	-	-	-	-	-
Head cabbage	37,520	33.27	2.42	55.61	-	6.82	1.88
Ethiopian cabbage	99,413	80.98	0.15	15.93	0.55	0.13	2.27
Tomatoes	1,653	41.09	-	50.73	8.18	-	-
Green peppers	2,498	84	-	9.5	4.75	-	1.75
Red peppers	1,572	74.8	1.7	20.5	-	-	3
Swiss chard	-	-	-	-	-	-	-
Root Crops	864,552	64.54	15.68	16.3	1.37	1.27	0.84
Beetroot	12,606	54.52	-	45	-	-	0.48
Carrot	8,170	47.39	-	51.5	0.28	0.56	0.28
Onion	2,479	60	15.83	24.17	-	-	-
Potatoes	277,349	51.95	30.12	17.2	0.08	-	0.65
Yam	3,196	79	2	19	-	-	-
Garlic	2,254	64.09	26.82	9.09	-	-	-
Taro / 'Godere'	464,716	72.49	14.39	9.83	1.97	0.58	0.75
Sweet potatoes	93,783	75	0.31	12.38	3.54	6.69	2.08
Permanent crops	424,325	55.25	1.08	37.95	1.34	2.03	2.35
Avocados	8,563	54.69	-	41.12	1.29	0.36	2.54
Bananas	143,021	43.54	0.65	50	0.87	3.26	1.68
Guavas	*	-	-	-	-	-	-
Lemons	9	5	-	95	-	-	-
Mangoes	19,197	40.17	-	54.48	2.93	-	2.41
Oranges	1,169	76.67	-	21.67	-	-	1.67
Papayas	1,212	67.78	-	28.89	1.11	-	2.22
Pineapples	-	-	-	-	-	-	-
Chat	3,956	9.02	1.71	86.59	0.12	1.22	1.34
Coffee	10,621	52.02	1.88	43.27	0.78	0.02	2.02
Hops (Gesho)	12	-	-	100	-	-	-
Sugar cane	236,564	21.44	3.33	63.44	0.22	10.44	1.11
Enset	43,334	80.16	1	10.09	2.22	3.15	3.37

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		Wages In kind	Animal Feed	Others
Grain Crops	1,659,946	65.41	6.69	25.58	0.19	0.63	1.5
Cereals	1,290,797	64.55	7.51	24.9	0.28	0.84	1.91
Teff	61,853	24.29	16.43	57.86	-	1.43	-
Barley	238,090	45.77	14.51	36.55	0.42	0.07	2.68
Wheat	3,316	55	8.33	36.67	-	-	-
Maize	983,270	73.23	4.56	19.42	0.27	0.63	1.89
Sorghum	3,617	65	2.5	7.5	-	25	-
Finger millet	652	92	8	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	369,097	66.05	5.88	26.46	0.1	0.41	1.09
Horse beans white	68,871	53.28	7.16	38.28	0.22	-	1.04
Horse beans red	14,065	38.13	11.88	49.38	-	0.63	-
Field peas	16,205	68.33	5.56	25.56	0.56	-	-
Haricot beans	269,386	70.87	5.26	22.07	0.05	0.55	1.2
Chick – peas	194	90	10	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	375	100	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	53	100	-	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	53	100	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	674,715	73.32	0.79	24.26	0.12	0.12	1.39
Lettuce	-	-	-	-	-	-	-
Head cabbage	4,836	63.33	-	33.33	-	-	3.33
Ethiopian cabbage	631,458	76.52	0.87	20.95	0.14	0.14	1.38
Tomatoes	292	70	-	30	-	-	-
Green peppers	35,949	56.75	0.05	42.08	-	-	1.13
Red peppers	2,180	41	2	54	-	-	3
Swiss chard	-	-	-	-	-	-	-
Root Crops	812,833	70.46	0.66	27.87	0.26	0.02	0.73
Beetroot	2,690	56.25	2.5	41.25	-	-	-
Carrot	508	50	-	50	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	183,106	51.15	2.5	45.58	-	-	0.77
Yam	113,034	80.51	0.38	18.1	0.57	-	0.44
Garlic	3,606	14.29	7.14	78.57	-	-	-
Taro / 'Godere'	36,985	84.81	-	15.19	-	-	-
Sweet potatoes	472,904	68.53	-	29.97	0.17	0.06	1.28
Permanent crops	6,849,676	41.31	0.13	56.07	0.44	0.57	1.48
Avocados	65,134	26.76	0.59	70.99	0.63	-	1.03
Bananas	644,645	17.94	-	80.71	0.12	0.12	1.12
Guavas	950	40	-	58.21	-	-	1.79
Lemons	489	-	-	100	-	-	-
Mangoes	7,983	39.4	-	58.8	0.8	-	1
Oranges	5,837	15	-	83	-	-	2
Papayas	22,331	36.54	-	62.69	-	-	0.77
Pineapples	1,172	5	-	95	-	-	-
Chat	320,398	3.85	-	95.3	0.5	0.18	0.17
Coffee	460,500	29.42	0.28	68.35	0.55	-	1.39
Hops (Gesho)	23	24.29	-	75.71	-	-	-
Sugar cane	5,320,215	15.39	0.1	78.69	0.05	5.05	0.73
Enset	19,551,881	80.88	0.05	15.35	0.49	0.77	2.46

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	197,263	59.78	10.11	29.32	0.05	-	0.74
Cereals	160,804	56.81	10.8	31.73	-	-	0.66
Teff	2,238	37.5	10	52.5	-	-	-
Barley	43,133	46.56	12.56	40.67	-	-	0.22
Wheat	3,895	45	15	35	-	-	5
Maize	111,307	66.75	9.42	22.92	-	-	0.92
Sorghum	230	40	10	50	-	-	-
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	36,413	65.07	9.04	24.85	0.15	-	0.88
Horse beans white	26,865	56.52	12.27	30	-	-	1.21
Horse beans red	3,803	51.11	6.67	42.22	-	-	-
Field peas	193	82	8	10	-	-	-
Haricot beans	5,552	80.48	5.24	12.86	0.48	-	0.95
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	46	47.5	7.5	45	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	46	47.5	7.5	45	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	122,293	74.06	0.28	24.12	0.01	-	1.54
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	121,105	74.62	0.31	23.65	0.01	-	1.4
Tomatoes	77	96.43	-	-	-	-	3.57
Green peppers	1,100	57.67	-	40.33	-	-	2
Red peppers	*	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	150,537	75.6	1.36	21.93	0.05	-	1.06
Beetroot	1,609	65	-	34.58	-	-	0.42
Carrot	116	40	-	53.33	-	-	6.67
Onion	569	45	5	50	-	-	-
Potatoes	8,213	63.33	3.89	32.78	-	-	-
Yam	22,053	78.5	2.08	18.83	0.05	-	0.53
Garlic	505	13.33	5	81.67	-	-	-
Taro / 'Godere'	84,308	88.13	0.76	9.51	-	-	1.6
Sweet potatoes	33,165	43.33	-	55.33	0.33	-	1
Permanent crops	594,866	44.03	0.11	53.64	0.14	0.17	1.91
Avocados	15,235	27.5	-	70	-	0.11	2.39
Bananas	147,031	34.69	-	63.54	0.05	0.1	1.61
Guavas	20	80	-	20	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	14,980	20.65	-	76.96	-	-	2.39
Oranges	-	-	-	-	-	-	-
Papayas	1,935	35.83	-	54.17	-	-	10
Pineapples	128	50	-	50	-	-	-
Chat	4,721	-	-	98.71	-	-	1.29
Coffee	280,834	17.92	0.22	79.81	0.34	-	1.69
Hops (Gesho)	1	20	-	80	-	-	-
Sugar cane	129,981	28.9	-	67.14	-	0.48	3.48
Enset	6,487,740	77.38	0.07	20.27	0.03	0.35	1.9

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		Wages In kind	Animal Feed	Others
Grain Crops	1,237,048	60.99	10.15	25.83	0.42	1.6	1
Cereals	674,673	55.06	9.64	31.6	0.38	2.24	1.07
Teff	232,491	31.5	9.45	57.9	0.13	0.32	0.7
Barley	2,795	57	16	27	-	-	-
Wheat	30,924	60.53	8.24	30.65	-	-	0.59
Maize	389,222	69.52	9.6	15.87	0.47	3.54	1.01
Sorghum	18,934	66.71	10.62	14.18	1.07	4.69	2.73
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	*	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	562,033	65.66	10.58	21.27	0.45	1.09	0.95
Horse beans white	6,677	84.34	7.45	7.64	-	-	0.57
Horse beans red	30,380	83.59	9.08	7.2	-	-	0.13
Field peas	7,166	95	5	-	-	-	-
Haricot beans	473,767	60.52	11.96	24.85	0.52	1.06	1.1
Chick – peas	43,707	53.9	6.84	32.26	1.2	4.2	1.6
Lentils	-	-	-	-	-	-	-
Vetch	*	-	-	-	-	-	-
Soya beans	335	100	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	342	100	-	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	340	100	-	-	-	-	-
Safflower	*	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	207,943	65.5	0.23	31.24	1.16	0.67	1.2
Lettuce	-	-	-	-	-	-	-
Head cabbage	14,112	31.11	1.11	63.33	2.22	1.11	1.11
Ethiopian cabbage	159,675	75.22	0.03	21.74	1.34	0.9	0.76
Tomatoes	5	100	-	-	-	-	-
Green peppers	22,896	66.97	0.81	28.35	1.13	0.16	2.58
Red peppers	11,256	26.17	0.33	71.5	-	-	2
Swiss chard	-	-	-	-	-	-	-
Root Crops	6,675,063	72.92	11.99	9.78	0.6	4.21	0.49
Beetroot	11,381	22.21	-	77.07	-	-	0.71
Carrot	5,024	39.25	-	58.25	-	-	2.5
Onion	267	47	4	43	-	-	6
Potatoes	216,230	60.91	25.36	12.41	0.86	0.31	0.16
Yam	122,940	68.6	17.41	13.42	0.15	0.11	0.3
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	3,682,168	69.67	17.48	8.6	0.41	3.11	0.72
Sweet potatoes	2,637,053	83.39	1.52	5.82	1	8.03	0.24
Permanent crops	1,547,597	46.63	0.95	45.96	1	4.06	1.4
Avocados	51,595	40.55	0.41	54.54	1.14	2.19	1.16
Bananas	401,348	35.34	1.41	60.86	0.69	0.89	0.81
Guavas	991	69.29	-	26.07	-	-	4.64
Lemons	2,443	21.05	-	76.84	0.53	-	1.58
Mangoes	184,656	41.9	1.64	53.26	1.21	0.46	1.54
Oranges	5,387	41.06	-	57.18	0.59	-	1.18
Papayas	35,872	62.84	-	35.41	1.08	-	0.68
Pineapples	405	65	-	35	-	-	-
Chat	1,204	2.63	-	94.74	-	-	2.63
Coffee	49,046	37.26	0.86	59.51	0.22	0.21	1.95
Hops (Gesho)	32	1.25	-	98.75	-	-	-
Sugar cane	814,619	34.66	0.81	32.08	0.86	31.18	0.41
Enset	967,320	78.4	0.95	9.41	2.19	7.55	1.5

TABLE 1.7.7- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

South Omo							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	1,167,801	56.85	14.42	27.11	0.56	0.12	0.94
Cereals	1,042,201	58.95	13.42	25.82	0.4	0.19	1.22
Teff	20,654	48.75	15.18	35.71	-	-	0.36
Barley	56,329	52.8	18.47	28	0.47	-	0.27
Wheat	71,045	36.7	19.9	42.2	0.2	-	1
Maize	691,673	63.52	9.83	24.14	0.49	0.39	1.63
Sorghum	201,558	67.59	13.14	17.36	0.36	0.09	1.45
Finger millet	*	-	-	-	-	-	-
Oats "Aja"	833	50	17.5	32.5	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	117,218	55.24	16.46	26.94	0.83	-	0.52
Horse beans white	30,763	44.09	17.01	37.5	1.04	-	0.37
Horse beans red	20,483	36.42	22.45	40.19	0.94	-	-
Field peas	4,141	52.14	28.57	19.29	-	-	-
Haricot beans	60,774	71.09	13.22	14.48	0.48	-	0.74
Chick – peas	-	-	-	-	-	-	-
Lentils	68	56.25	15	28.75	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	839	73.13	7.5	11.88	4.38	-	3.13
Fenugreek	151	20	20	60	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	8,382	40.74	11.91	46.18	0.59	0.15	0.44
Neug	-	-	-	-	-	-	-
Linseed	414	46.25	17.92	34.17	0.83	-	0.83
Groundnuts	1,520	37	12	51	-	-	-
Safflower	1,123	61.67	4.44	31.67	1.11	0.56	0.56
Sesame	5,324	11.25	11.25	77.5	-	-	-
Rapeseed	*	-	-	-	-	-	-
Vegetables	129,276	63.23	0.54	34.65	0.44	-	1.14
Lettuce	-	-	-	-	-	-	-
Head cabbage	8,918	46.79	-	51.07	0.71	-	1.43
Ethiopian cabbage	118,237	65.38	0.13	32.63	0.51	-	1.36
Tomatoes	128	80	1.11	18.89	-	-	-
Green peppers	1,275	58.75	3.75	37.5	-	-	-
Red peppers	718	47.78	3.33	48.89	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	492,747	66.95	2.73	28.36	0.47	0.59	0.9
Beetroot	11,999	20.83	1.67	77.5	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	83,163	30.37	6.67	61.85	0.56	-	0.56
Potatoes	14,501	50.71	30.71	18.57	-	-	-
Yam	5,334	71.14	0.71	26.71	-	-	1.43
Garlic	2,269	33.33	9.72	56.39	-	0.56	-
Taro / 'Godere'	304,094	85.27	0.57	11.82	0.71	0.71	0.92
Sweet potatoes	71,386	74.13	0.65	21.74	0.22	1.52	1.74
Permanent crops	450,976	50.55	0.21	44.02	1.44	1.57	2.21
Avocados	9,262	39.81	0.19	57.47	0.49	0.12	1.91
Bananas	174,205	41.57	0.19	52.13	1.31	1.75	3.06
Guavas	6	85	-	3.33	-	3.33	8.33
Lemons	112	56.25	-	39.58	0.42	-	3.75
Mangoes	30,157	59.14	-	36.95	0.47	0.23	3.2
Oranges	202	50.83	-	42.5	-	5	1.67
Papayas	36,265	81.37	-	13.55	0.4	0.97	3.71
Pineapples	258	10	-	90	-	-	-
Chat	2,268	-	-	99.63	-	-	0.37
Coffee	29,588	32.5	-	63.3	2.32	-	1.88
Hops (Geshe)	24	13.64	-	86.36	-	-	-
Sugar cane	168,631	38.02	2.33	51.86	0.93	1.74	5.12
Enset	-	-	-	-	-	-	-

TABLE 1.7.8- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

ALL HOLDINGS							
Shaka			Percent	Utilized	For		
Type of Crop	Total Production (Quintal)	Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	370,028	70.47	11.39	13.6	3.73	0.37	0.44
Cereals	312,019	69.28	10.01	13.55	5.9	0.58	0.68
Teff	8,249	61.71	31.68	5.15	1.47	-	-
Barley	4,459	47.3	17	31.7	-	4	-
Wheat	*	-	-	-	-	-	-
Maize	28,597	73.14	8.3	8.78	6.76	2.7	0.32
Sorghum	246,905	72.39	6.32	13.33	7.18	0.07	0.7
Finger millet	-	-	-	-	-	-	-
Oats “Aja”	-	-	-	-	-	-	-
Rice	23,708	56.43	0.36	36.07	3.57	-	3.57
Pulses	58,002	73.71	12.62	13.64	-	-	0.03
Horse beans white	16,992	63.28	14.36	22.36	-	-	-
Horse beans red	39,878	52.14	22.71	25.04	-	-	0.1
Field peas	7	100	-	-	-	-	-
Haricot beans	1,125	95.97	4.03	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	7	13.33	70	16.67	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	7	13.33	70	16.67	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	48,486	84.06	1.7	13.33	0.57	-	0.34
Lettuce	-	-	-	-	-	-	-
Head cabbage	2,616	23.57	-	76.43	-	-	-
Ethiopian cabbage	30,360	92.33	2.4	4.81	-	-	0.46
Tomatoes	5,103	28.18	-	71.82	-	-	-
Green peppers	5,169	81.75	-	18.06	-	-	0.19
Red peppers	5,239	68.84	1.58	21.68	7.89	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	209,709	86.25	4.82	8.16	0.6	-	0.17
Beetroot	3,265	38.33	-	51.67	8.33	-	1.67
Carrot	-	-	-	-	-	-	-
Onion	1,755	76.84	2.11	21.05	-	-	-
Potatoes	7,552	55	45	-	-	-	-
Yam	2,943	88.92	9.92	1.15	-	-	-
Garlic	596	87.86	5.71	6.43	-	-	-
Taro / ‘Godere’	173,279	93.12	4.51	1.78	0.36	-	0.23
Sweet potatoes	20,320	59	-	37.15	3.85	-	-
Permanent crops	533,540	56.62	0.45	39.01	1.96	0.89	1.07
Avocados	40,261	52.35	0.23	46.86	-	-	0.56
Bananas	37,619	43.15	0.75	54.9	0.38	-	0.82
Guavas	13	97	-	-	-	-	3
Lemons	765	49.17	-	44.17	-	-	6.67
Mangoes	16,317	75.9	-	21.11	-	0.27	2.72
Oranges	20,414	63.49	-	33	1.95	-	1.56
Papayas	23,329	96.27	-	1.85	-	0.05	1.82
Pineapples	75	47.5	-	52.5	-	-	-
Chat	2,263	28.21	-	71.36	-	-	0.43
Coffee	276,772	27.84	0.31	66.71	4.61	0.13	0.41
Hops (Gesho)	19	48.6	2.68	48.44	-	-	0.28
Sugar cane	115,694	62.61	0.61	24.01	0.91	11.04	0.82
Enset	3,733,753	79.83	1.01	14.04	3.74	0.18	1.2

TABLE 1.7.9- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Kaffa							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	2,401,297	51.7	15.08	29.76	0.66	0.19	2.61
Cereals	1,834,492	48.15	15.65	32	0.7	0.34	3.16
Teff	355,816	44.88	17.55	33.07	0.63	0.17	3.7
Barley	183,857	44.69	19.28	35.03	0.56	0.08	0.34
Wheat	148,310	37.43	17.04	43.32	1.11	0.04	1.06
Maize	866,636	54.19	13.1	24.18	1.48	0.44	6.61
Sorghum	264,788	60.07	9.52	26.4	-	1.14	2.87
Finger millet	8,012	63.2	9.13	24.33	-	-	3.33
Oats "Aja"	1,754	41.43	21.43	37.14	-	-	-
Rice	5,318	10	16.67	40	-	-	33.33
Pulses	565,844	57.06	13.79	26.58	0.63	0.01	1.93
Horse beans white	256,192	50.66	15.75	30.92	1.14	-	1.53
Horse beans red	220,798	46.73	14.53	36.75	0.54	-	1.46
Field peas	7,684	61.82	12.86	23.5	-	-	1.82
Haricot beans	80,878	72.17	10.53	14.19	0.23	0.02	2.86
Chick - peas	145	100	-	-	-	-	-
Lentils	27	-	100	-	-	-	-
Vetch	43	-	100	-	-	-	-
Soya beans	78	91.43	7.14	-	-	-	1.43
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	961	32.25	32.5	35.25	-	-	-
Neug	15	50	50	-	-	-	-
Linseed	582	35	23.53	41.47	-	-	-
Groundnuts	*	-	-	-	-	-	-
Safflower	*	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	271	-	100	-	-	-	-
Vegetables	157,843	79.75	1.11	18.79	-	-	0.35
Lettuce	-	-	-	-	-	-	-
Head cabbage	5,682	54.71	-	45	-	-	0.29
Ethiopian cabbage	130,827	83.58	1.39	14.7	-	-	0.33
Tomatoes	95	67.5	-	32.5	-	-	-
Green peppers	17,969	74.58	0.3	24.62	-	-	0.5
Red peppers	3,271	67.76	1.38	30.69	-	-	0.17
Swiss chard	-	-	-	-	-	-	-
Root Crops	950,805	77.29	5.22	16.5	0.35	0.11	0.53
Beetroot	9,883	57	0.8	40.2	2	-	-
Carrot	201	10	-	90	-	-	-
Onion	19,905	80.43	1.6	17.98	-	-	-
Potatoes	28,298	50	16.15	33.85	-	-	-
Yam	6,463	77.67	8.95	13.14	-	-	0.23
Garlic	3,772	52.5	11.79	35.48	-	-	0.24
Taro / 'Godere'	840,969	82.98	4.75	10.86	0.41	0.17	0.83
Sweet potatoes	41,314	80	0.47	19.38	-	0.16	-
Permanent crops	590,497	60.07	0.86	37.43	0.39	0.32	0.93
Avocados	17,463	51.72	-	46.27	0.37	0.15	1.49
Bananas	70,708	46.38	0.43	52.07	0.06	0.23	0.83
Guavas	12	100	-	-	-	-	-
Lemons	97	70	-	30	-	-	-
Mangoes	3,191	67.11	-	30	-	-	2.89
Oranges	173	73	-	24	-	-	3
Papayas	13,986	80.14	-	18.14	0.29	-	1.43
Pineapples	147	56.11	-	43.89	-	-	-
Chat	4,783	5.55	-	91.82	0.82	-	1.82
Coffee	136,035	49.46	0.53	48.64	0.25	-	1.12
Hops (Gesho)	20	34.79	-	64.58	-	-	0.63
Sugar cane	343,882	57.87	1.87	37.8	-	1.13	1.33
Enset	191,020	82.73	1.63	13.9	0.74	0.62	0.38

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		Wages In kind	Animal Feed	Others
Grain Crops	3,003,295	56.82	16.88	24.38	0.19	0.68	1.06
Cereals	2,627,776	57.3	16.77	23.4	0.24	1	1.31
Teff	392,690	32.85	15.39	50.29	0.08	0.1	1.28
Barley	178,692	61.54	23.04	14.03	0.26	0.36	0.77
Wheat	111,020	59.44	23.75	16.41	-	0.08	0.32
Maize	1,720,522	62.67	12.22	20.5	0.21	2.19	2.21
Sorghum	224,311	67.82	12.35	16.78	0.64	1.34	1.07
Finger millet	502	90	10	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	*	-	-	-	-	-	-
Pulses	372,261	55.73	17.33	26.21	0.1	0.06	0.57
Horse beans white	37,120	46.3	22.05	31.1	0.28	-	0.28
Horse beans red	42,516	49.14	24.66	25.98	0.06	-	0.17
Field peas	141	100	-	-	-	-	-
Haricot beans	285,716	62.73	12.96	23.26	0.04	0.11	0.9
Chick – peas	5,629	26	18	56	-	-	-
Lentils	375	36	12	52	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	*	-	-	-	-	-	-
Fenugreek	411	62.67	15.33	22	-	-	-
Masho	*	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	3,258	59.32	11.82	28.41	-	-	0.45
Neug	-	-	-	-	-	-	-
Linseed	465	65.94	8.13	25.94	-	-	-
Groundnuts	1,970	33.33	40	23.33	-	-	3.33
Safflower	-	-	-	-	-	-	-
Sesame	824	50	3.33	46.67	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	105,745	73.5	0.18	24.48	0.13	0.09	1.62
Lettuce	-	-	-	-	-	-	-
Head cabbage	3	82.5	-	17.5	-	-	-
Ethiopian cabbage	100,232	75.71	0.2	21.96	0.15	0.1	1.86
Tomatoes	216	35.71	-	64.29	-	-	-
Green peppers	5,214	58.91	-	41.09	-	-	-
Red peppers	80	67.14	-	32.86	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	2,982,500	72.54	5.45	18.9	0.24	2.48	0.39
Beetroot	82	73.13	-	26.88	-	-	-
Carrot	204	73.33	-	26.67	-	-	-
Onion	27,018	41.46	7.15	51.11	0.14	-	0.14
Potatoes	554,437	68.92	16.26	14.02	0.14	0.28	0.38
Yam	195,938	77.85	3.66	18.25	-	-	0.24
Garlic	94,206	32.73	14.64	52.55	-	-	0.09
Taro / 'Godere'	724,246	82.95	4.49	9.92	0.1	2.22	0.32
Sweet potatoes	1,386,370	77.52	0.29	15.06	0.6	5.87	0.65
Permanent crops	1,584,030	55.11	0.29	40.19	0.43	2.59	1.39
Avocados	15,293	59.39	-	36.36	1.06	-	3.18
Bananas	1,121,227	39.56	-	58.75	0.15	0.56	0.98
Guavas	11	66.67	-	33.33	-	-	-
Lemons	1,984	61	-	33.6	0.2	-	5.2
Mangoes	45,056	67.69	0.26	28.21	0.38	0.06	3.4
Oranges	11,162	54.22	-	39.38	0.63	-	5.78
Papayas	49,204	88.63	-	9.22	0.2	-	1.96
Pineapples	136	56.67	-	43.33	-	-	-
Chat	3,755	8.04	-	91.09	-	-	0.87
Coffee	27,104	30.69	0.04	68.44	0.11	0.17	0.54
Hops (Gesho)	18	20	-	79	-	-	1
Sugar cane	309,081	46.28	0.1	50	0.1	2.96	0.56
Enset	129,911	77.71	0.9	11.44	0.94	8.09	0.92

TABLE 1.7.11- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Bench Maji							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	891,228	56.13	10.84	29.6	0.83	0.32	2.28
Cereals	789,262	49.02	11.69	34.7	1.19	0.51	2.89
Teff	45,522	28.75	25.21	41.88	-	-	4.17
Barley	32,512	22.5	11.34	57.59	1.43	-	7.14
Wheat	9,303	28.85	21.54	49.62	-	-	-
Maize	342,550	61.75	9.02	26.32	0.38	0.6	1.92
Sorghum	343,017	51.8	10.05	33.13	1.56	0.81	2.65
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	16,358	27	14.09	42.73	16.18	-	-
Pulses	100,583	68.47	9.32	20.75	0.2	-	1.25
Horse beans white	32,099	40.38	17.69	38.85	0.58	-	2.5
Horse beans red	22,843	36.13	14.5	48.13	-	-	1.25
Field peas	907	94.32	5.23	0.45	-	-	-
Haricot beans	44,732	82.14	5.88	10.81	0.16	-	1.02
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	*	-	-	-	-	-	-
Fenugreek	*	-	-	-	-	-	-
Masho	*	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	1,382	62.5	12.5	25	-	-	-
Neug	819	42.5	5	52.5	-	-	-
Linseed	14	100	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	14	90	10	-	-	-	-
Sesame	119	75	5	20	-	-	-
Rapeseed	416	25	50	25	-	-	-
Vegetables	117,810	75.54	1.25	22.21	0.15	0.03	0.82
Lettuce	-	-	-	-	-	-	-
Head cabbage	336	42.5	-	57.5	-	-	-
Ethiopian cabbage	91,239	80.92	1.06	16.99	0.03	0.03	0.97
Tomatoes	874	74.79	-	25.21	-	-	-
Green peppers	6,433	66.48	0.09	33.24	-	-	0.19
Red peppers	18,928	40.38	7.12	49.23	1.92	-	1.35
Swiss chard	-	-	-	-	-	-	-
Root Crops	1,405,545	80.71	9.38	9.27	0.18	0.01	0.46
Beetroot	963	30	-	68	2	-	-
Carrot	201	10	-	90	-	-	-
Onion	1,056	54.17	-	41.67	4.17	-	-
Potatoes	2,558	64.17	-	35.83	-	-	-
Yam	10,203	78.37	12.02	9.12	-	-	0.49
Garlic	63	40	10	50	-	-	-
Taro / 'Godere'	1,372,818	83.05	9.97	6.35	0.14	0.01	0.49
Sweet potatoes	17,684	80.91	0.91	17.95	-	-	0.23
Permanent crops	727,788	43.24	0.39	54.69	0.11	0.13	1.45
Avocados	8,372	50.92	-	47.32	-	-	1.76
Bananas	192,148	49	0.55	49.13	-	0.08	1.24
Guavas	70	89.64	-	10	-	-	0.36
Lemons	296	19	-	66	-	-	15
Mangoes	30,332	62.37	-	33.33	0.13	-	4.17
Oranges	13,277	61.61	-	27.86	-	-	10.54
Papayas	38,800	88.36	-	9.95	0.32	-	1.36
Pineapples	186	70	-	30	-	-	-
Chat	4,627	3.03	0.77	94.87	-	-	1.32
Coffee	176,273	16.75	0.42	82.37	0.13	-	0.33
Hops (Gesho)	214	19.61	-	79.78	-	-	0.61
Sugar cane	263,193	54.64	0.43	42.52	-	0.19	2.22
Enset	143,898	81.09	0.79	15.51	0.34	0.84	1.43

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	347,849	63.65	18.37	15.05	1.23	0.44	1.26
Cereals	312,958	62.08	18.31	15.75	1.62	0.66	1.58
Teff	90,844	53.12	18.34	24.37	2.08	0.04	2.06
Barley	21,178	58.98	26.88	10.71	1.37	1.03	1.04
Wheat	107,849	53.19	21.37	21.07	2.31	0.17	1.89
Maize	76,259	75.08	11.34	10.29	1.11	1.2	0.98
Sorghum	16,671	75.24	14.23	6.74	0.87	0.91	2
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	158	75	16.88	-	-	5.63	2.5
Rice	-	-	-	-	-	-	-
Pulses	34,101	67.93	18.86	12.11	0.41	-	0.69
Horse beans white	21,854	63.75	22.82	11.95	0.59	-	0.88
Horse beans red	11,087	54.82	26.33	16.13	0.95	-	1.77
Field peas	158	93.24	4.59	2.16	-	-	-
Haricot beans	271	97.21	1.88	0.85	-	-	0.06
Chick – peas	145	70	10	20	-	-	-
Lentils	452	50	31.06	18.79	-	-	0.15
Vetch	1	80	20	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	133	54.91	19.91	25.18	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	789	55.62	15	28.33	0.96	-	0.1
Neug	175	33.33	13.33	53.33	-	-	-
Linseed	447	56.46	16.88	24.54	1.92	-	0.19
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	168	57.57	13.09	29.35	-	-	-
Vegetables	17,084	79.61	0.64	18.37	-	-	1.37
Lettuce	-	-	-	-	-	-	-
Head cabbage	634	81.9	-	18.1	-	-	-
Ethiopian cabbage	15,036	79.52	0.85	18	-	-	1.63
Tomatoes	66	76.67	-	23.33	-	-	-
Green peppers	927	80	-	18.78	-	-	1.22
Red peppers	422	81.25	2.5	15.63	-	-	0.63
Swiss chard	-	-	-	-	-	-	-
Root Crops	113,090	76.13	11.6	12.02	-	-	0.25
Beetroot	329	75.15	-	24.85	-	-	-
Carrot	535	60	4.44	35.56	-	-	-
Onion	120	76.88	9.38	13.75	-	-	-
Potatoes	28,905	45	21.43	32.86	-	-	0.71
Yam	-	-	-	-	-	-	-
Garlic	2,677	50.8	22.39	26.82	-	-	-
Taro / 'Godere'	57,769	78.93	17.5	3.29	-	-	0.29
Sweet potatoes	22,756	88.68	1.5	9.45	-	-	0.36
Permanent crops	64,436	67.59	0.06	30.34	0.16	0.06	1.79
Avocados	3,530	52.07	-	46.09	-	-	1.85
Bananas	4,190	54.29	-	45.1	-	-	0.62
Guavas	29	63.33	0.42	30.21	-	-	6.04
Lemons	-	-	-	-	-	-	-
Mangoes	1,313	55.58	-	42.88	-	-	1.54
Oranges	514	62.97	-	33.91	-	-	3.13
Papayas	55	38.89	-	60	-	-	1.11
Pineapples	23	72.5	-	27.5	-	-	-
Chat	2,525	20.72	0.06	74.88	-	0.06	4.28
Coffee	1,752	95.98	0.14	3.22	-	-	0.66
Hops (Gesho)	1,148	36.8	-	62.8	-	0.13	0.27
Sugar cane	49,358	67.31	-	31	-	0.56	1.13
Enset	175,280	92.83	0.07	4.67	0.61	-	1.82

TABLE 1.7.13- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Dawro							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	602,571	42.05	14.82	39.21	0.86	1.13	1.93
Cereals	344,625	43.26	15.32	36.87	0.9	1.76	1.88
Teff	82,359	32.91	15.72	47.73	1.03	0.38	2.23
Barley	17,606	34.77	17.67	42.05	0.63	3.6	1.28
Wheat	42,009	36.6	17.92	42.32	0.79	0.85	1.51
Maize	152,906	62.31	12.62	18.98	0.69	3.57	1.83
Sorghum	49,699	56.1	14.92	23.35	1.04	2.82	1.76
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	46	38	9	52	1	-	-
Rice	-	-	-	-	-	-	-
Pulses	255,236	40.62	14.25	42.08	0.83	0.42	1.8
Horse beans white	132,391	37.68	13.56	46.12	0.87	0.18	1.59
Horse beans red	69,048	33.89	14.28	48.89	1.3	-	1.63
Field peas	1,220	78	12	5	-	-	5
Haricot beans	50,681	48.86	14.78	32.88	0.48	1.16	1.84
Chick – peas	-	-	-	-	-	-	-
Lentils	1,378	28.93	17.5	50.71	-	-	2.86
Vetch	*	-	-	-	-	-	-
Soya beans	*	70	-	-	10	-	20
Fenugreek	*	-	-	-	-	-	-
Masho	13	63.33	23.33	13.33	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	2,710	42	14.05	37.5	0.7	-	5.75
Neug	-	-	-	-	-	-	-
Linseed	192	50	16.11	26.11	0.56	-	7.22
Groundnuts	2,494	30	13.5	51.5	-	-	5
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	24	90	1	-	9	-	-
Vegetables	54,436	74.37	0.67	21.76	1.01	0.19	2
Lettuce	-	-	-	-	-	-	-
Head cabbage	76	40	-	57.5	-	-	2.5
Ethiopian cabbage	53,278	75.12	0.69	21.02	1.1	0.2	1.86
Tomatoes	4	100	-	-	-	-	-
Green peppers	593	68.57	1.43	21.43	0.71	-	7.86
Red peppers	485	71.92	-	26.54	-	-	1.54
Swiss chard	-	-	-	-	-	-	-
Root Crops	1,616,320	65.25	14.46	15.32	0.89	2.29	1.79
Beetroot	836	76.25	7.5	16.25	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	231	58	-	42	-	-	-
Potatoes	2,233	81.2	12.8	2	3	-	1
Yam	22,815	77.67	3.5	15.83	0.67	-	2.33
Garlic	1,150	73.57	5.71	17.86	0.71	0.71	1.43
Taro / 'Godere'	1,535,916	62.35	17.69	15.19	0.88	1.94	1.95
Sweet potatoes	53,141	73.85	2.98	14.13	1.12	6.96	0.96
Permanent crops	207,466	55.81	0.77	38.02	1.16	2.12	2.11
Avocados	8,088	47.25	0.08	49.76	0.79	0.62	1.5
Bananas	51,965	43.69	0.11	54.18	0.66	0.25	1.11
Guavas	87	44	-	53.5	1	-	1.5
Lemons	506	12.5	-	85.83	-	-	1.67
Mangoes	9,042	38.63	-	57.31	1.57	-	2.49
Oranges	4,050	37.17	-	59.67	1.17	-	2
Papayas	5,463	66.76	-	31.18	1.03	0.29	0.74
Pineapples	-	-	-	-	-	-	-
Chat	149	10	-	86.91	-	-	3.09
Coffee	8,672	50.32	1.04	45.02	0.52	-	3.1
Hops (Gesho)	11	40.73	0.33	56.6	0.67	-	1.67
Sugar cane	119,434	30.77	3.46	54.14	1.14	8.31	2.18
Enset	1,681,188	75.44	0.93	15.25	1.87	4.31	2.2

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		Wages In kind	Animal Feed	Others
Grain Crops	62,041	62.09	13.75	22.17	0.24	0.96	0.79
Cereals	54,941	59.18	13.38	24.58	0.32	1.43	1.11
Teff	9,678	54.18	16.55	28	0.55	-	0.73
Barley	3,698	44.41	14.56	40	-	0.44	0.59
Wheat	370	37.5	15	42.5	5	-	-
Maize	32,100	61.51	12.42	22.21	0.44	1.75	1.68
Sorghum	9,096	61.49	13.39	22.94	-	1.77	0.4
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	6,942	70.31	13.89	15.56	0.1	-	0.14
Horse beans white	76	100	-	-	-	-	-
Horse beans red	952	74.43	16.86	8.71	-	-	-
Field peas	528	68.57	16.43	15	-	-	-
Haricot beans	5,377	67.82	13.91	17.93	0.14	-	0.2
Chick – peas	-	-	-	-	-	-	-
Lentils	6	20	10	70	-	-	-
Vetch	*	-	-	-	-	-	-
Soya beans	*	-	-	-	-	-	-
Fenugreek	*	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	158	30.77	24.23	45	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	14	23.33	33.33	43.33	-	-	-
Groundnuts	0	100	-	-	-	-	-
Safflower	100	30	5	65	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	*	-	-	-	-	-	-
Vegetables	2,297	69.42	-	29.33	0.1	0.05	1.11
Lettuce	-	-	-	-	-	-	-
Head cabbage	585	66.67	-	31.67	-	-	1.67
Ethiopian cabbage	1,500	72.55	-	26.27	0.18	0.09	0.91
Tomatoes	1	56	-	44	-	-	-
Green peppers	73	72.67	-	24.33	-	-	3
Red peppers	138	63.48	-	36.09	-	-	0.43
Swiss chard	-	-	-	-	-	-	-
Root Crops	206,180	76.69	0.55	20.88	0.19	1.33	0.37
Beetroot	119	61.39	-	38.06	-	-	0.56
Carrot	-	-	-	-	-	-	-
Onion	1,169	57.86	1.43	40.71	-	-	-
Potatoes	1,070	85.91	-	13.18	-	0.91	-
Yam	6,531	72.19	0.75	26.56	0.13	-	0.38
Garlic	10	30	35	35	-	-	-
Taro / 'Godere'	85,118	83.92	0.68	14.58	0.24	0.34	0.24
Sweet potatoes	112,163	71.53	-	24.3	0.2	3.39	0.58
Permanent crops	85,715	52.48	0.25	43.42	0.31	2.44	1.09
Avocados	13,953	49.13	0.38	49.48	-	0.05	0.96
Bananas	16,954	48.53	0.7	49.32	0.14	0.82	0.49
Guavas	5	52.5	-	40	-	-	7.5
Lemons	156	41.43	-	55.71	-	-	2.86
Mangoes	5,728	68.04	-	30.12	-	-	1.84
Oranges	159	58.5	-	34.5	-	-	7
Papayas	2,578	92.58	-	4.84	-	-	2.58
Pineapples	69	55.38	-	42.31	-	-	2.31
Chat	21	-	-	100	-	-	-
Coffee	3,728	31.77	0.37	66.21	0.86	-	0.78
Hops (Gesho)	5	35.63	-	62.19	-	-	2.19
Sugar cane	42,360	54.52	-	40.88	-	2.01	2.59
Enset	-	-	-	-	-	-	-

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		Wages In kind	Animal Feed	Others
Grain Crops	219,309	45.62	10.4	40.08	1.66	0.47	1.77
Cereals	137,065	46.12	10.33	39.9	1.64	0.45	1.56
Teff	37,276	32.45	10.49	53.37	1.74	0.22	1.74
Barley	4,689	34.78	11.04	50.7	1.74	-	1.74
Wheat	10,666	41.15	5.38	48.46	2.69	-	2.31
Maize	45,718	55.33	10	31.75	0.75	1.17	1
Sorghum	34,733	58.24	11.9	26.14	1.47	0.51	1.73
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	3,983	57.69	10	28.46	3.85	-	-
Pulses	81,886	45.26	10.28	40.15	1.71	0.51	2.09
Horse beans white	55,435	43.17	10.11	43.38	1.67	-	1.67
Horse beans red	18,926	35.98	10.52	49.67	1.56	-	2.27
Field peas	1,140	40	15	45	-	-	-
Haricot beans	5,742	57.22	9.6	26.75	2.06	1.67	2.7
Chick – peas	*	-	-	-	-	-	-
Lentils	*	-	-	-	-	-	-
Vetch	*	-	-	-	-	-	-
Soya beans	59	75	10	-	5	5	5
Fenugreek	-	-	-	-	-	-	-
Masho	564	41.43	15	43.57	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	358	32	20	48	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	28	100	-	-	-	-	-
Groundnuts	167	50	20	30	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	164	3.33	26.67	70	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	20,040	69.6	0.13	26.76	0.98	0.13	2.41
Lettuce	-	-	-	-	-	-	-
Head cabbage	501	56.67	-	36.67	3.33	-	3.33
Ethiopian cabbage	17,293	73.89	0.09	21.95	1.11	0.18	2.79
Tomatoes	9	47.33	-	49.33	-	-	3.33
Green peppers	1,982	58.27	-	39.62	0.38	-	1.73
Red peppers	256	63.08	0.77	35.38	0.77	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	478,639	63.4	10.42	22.35	1.59	1.17	1.08
Beetroot	337	56	-	38	2	-	4
Carrot	*	-	-	-	-	-	-
Onion	*	43.86	3.18	51.82	0.45	-	0.68
Potatoes	*	49.13	18.25	28.88	2.5	1.25	-
Yam	1,894	72.59	6.48	19.63	0.74	-	0.56
Garlic	620	20	5	75	-	-	-
Taro / 'Godere'	443,450	66.22	13.07	16.99	1.52	0.91	1.3
Sweet potatoes	22,642	70.34	0.34	18.97	4.14	5.86	0.34
Permanent crops	127,278	45.63	0.42	48.99	1.54	1.66	1.75
Avocados	12,177	37.39	-	58.87	1.31	1.26	1.17
Bananas	40,828	34.68	-	62.3	0.99	0.03	1.99
Guavas	22	58	-	14	2	4	22
Lemons	1,380	40.56	-	56.67	1.11	-	1.67
Mangoes	8,079	26.85	-	67.9	1.79	-	3.46
Oranges	2,621	39.11	-	55.54	2.14	-	3.21
Papayas	29,514	27.34	-	69.52	1.38	0.64	1.12
Pineapples	98	41.67	-	58.33	-	-	-
Chat	370	9.6	0.8	88.4	0.4	-	0.8
Coffee	2,973	42.37	1.67	53.19	1.01	-	1.77
Hops (Gesho)	5	13.75	-	86.25	-	-	-
Sugar cane	29,211	42.91	0.43	44.21	0.64	10.74	1.06
Enset	184,890	75.78	0.34	16.26	2.84	3.3	1.48

TABLE 1.7.16- 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	2,989,446	61.25	9.67	25.85	0.46	1.18	1.6
Cereals	2,880,290	60.34	10	26.27	0.53	1.39	1.45
Teff	190,204	32.24	12.5	53.25	0.37	0.19	1.45
Barley	144,200	59.05	13.33	24.83	0.12	1.55	1.11
Wheat	713,507	37.5	16.36	43.76	1.02	0.19	1.17
Maize	1,566,851	77.04	5.18	13.58	0.55	1.74	1.92
Sorghum	261,028	79.96	5.86	9.46	0.32	3.35	1.04
Finger millet	4,501	67.86	1.43	26.43	-	-	4.29
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	108,962	65.15	8.2	24.1	0.14	0.19	2.23
Horse beans white	56,840	67.16	7.63	22.6	0.22	0.07	2.32
Horse beans red	28,801	61.38	7.55	27.66	-	-	3.4
Field peas	1,624	100	-	-	-	-	-
Haricot beans	15,942	68.47	6.47	24.74	-	-	0.32
Chick - peas	5,099	60	11.43	24.29	-	4.29	-
Lentils	130	87.5	7.5	5	-	-	-
Vetch	419	30	15	55	-	-	-
Soya beans	*	-	-	-	-	-	-
Fenugreek	*	-	65	35	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	193	95	-	-	-	-	5
Neug	-	-	-	-	-	-	-
Linseed	191	100	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	3	90	-	-	-	-	10
Vegetables	409,242	59.86	1.67	35.76	0.48	-	2.23
Lettuce	-	-	-	-	-	-	-
Head cabbage	*	-	-	-	-	-	-
Ethiopian cabbage	*	81.36	0.72	15.05	0.19	-	2.69
Tomatoes	46	70	-	30	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	195,668	15.87	3.64	78.08	1.08	-	1.32
Swiss chard	-	-	-	-	-	-	-
Root Crops	24,584	61.79	5.25	30.68	0.09	-	2.19
Beetroot	650	95	-	-	-	-	5
Carrot	2,552	62	0.4	36	-	-	1.6
Onion	14,965	44.63	-	54.75	0.63	-	-
Potatoes	5,083	75	15	-	-	-	10
Yam	-	-	-	-	-	-	-
Garlic	1,334	59.86	17	20.57	-	-	2.57
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	60,297	65.85	0.48	30.09	0.47	0.65	2.48
Avocados	803	61.79	-	33.93	-	-	4.29
Bananas	1,711	82.08	-	15	-	-	2.92
Guavas	28	68	-	20	-	-	12
Lemons	602	51.67	16.67	30	-	-	1.67
Mangoes	369	83.33	-	16.67	-	-	-
Oranges	1,992	66.82	-	29.09	-	-	4.09
Papayas	7,549	94.12	-	5.29	-	-	0.59
Pineapples	-	-	-	-	-	-	-
Chat	31,282	35.25	1.05	59.81	0.81	0.04	3.05
Coffee	1,843	87.41	-	10.51	0.44	-	1.63
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	14,118	50.42	-	48.33	-	-	1.25
Enset	775,500	83.7	-	11.62	0.41	2.23	2.05

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		Wages In kind	Animal Feed	Others
Grain Crops	984,803	62.78	8.18	25.69	0.42	1.59	1.34
Cereals	952,962	62.11	8.17	26.17	0.45	1.78	1.32
Teff	87,857	20.15	10.02	69.28	0.15	-	0.39
Barley	6,052	69.25	6.25	23.25	-	0.25	1
Wheat	131,192	32.41	15.82	50.35	0.71	-	0.71
Maize	651,522	77.89	5.01	12.63	0.54	1.99	1.95
Sorghum	42,720	78.98	7.82	5.76	0.67	5.38	1.38
Finger millet	33,619	78.78	8.37	10.68	0.28	0.4	1.5
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	31,720	70.4	8.48	19.37	0.15	-	1.59
Horse beans white	1,975	92.5	7.5	-	-	-	-
Horse beans red	464	100	-	-	-	-	-
Field peas	912	40	7.5	32.5	-	-	20
Haricot beans	27,759	68.57	9.05	21.29	0.18	-	0.92
Chick – peas	115	95	5	-	-	-	-
Lentils	315	100	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	181	97.5	2.5	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	121	-	0.33	99.67	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	79	-	-	100	-	-	-
Groundnuts	*	-	-	-	-	-	-
Safflower	*	-	-	-	-	-	-
Sesame	31	-	1	99	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	161,358	47.69	1.87	48.54	0.24	0.11	1.55
Lettuce	-	-	-	-	-	-	-
Head cabbage	524	70	-	26.67	-	-	3.33
Ethiopian cabbage	54,439	92.43	0.11	4.99	0.07	0.07	2.33
Tomatoes	3	100	-	-	-	-	-
Green peppers	*	-	-	-	-	-	-
Red peppers	106,275	11.48	3.3	83.78	0.37	0.14	0.93
Swiss chard	-	-	-	-	-	-	-
Root Crops	4,029	88.89	-	10	-	-	1.11
Beetroot	454	75	-	22.5	-	-	2.5
Carrot	1	100	-	-	-	-	-
Onion	*	-	-	-	-	-	-
Potatoes	3,061	100	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	400	100	-	-	-	-	-
Permanent crops	84,322	54.03	0.43	41.96	0.25	0.37	2.95
Avocados	229	53.33	-	41.67	-	-	5
Bananas	4,357	70.53	5.26	22.89	-	1.32	-
Guavas	12	56.67	-	41.67	-	-	1.67
Lemons	60	10	-	90	-	-	-
Mangoes	173	100	-	-	-	-	-
Oranges	*	-	-	-	-	-	-
Papayas	713	66	-	32.5	-	-	1.5
Pineapples	-	-	-	-	-	-	-
Chat	38,658	36.5	-	58.9	0.4	-	4.2
Coffee	2,212	78.95	0.15	18.85	0.15	-	1.89
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	*	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-

TABLE 1.7.18- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Segeen People							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
Grain Crops	1,049,683	57.31	16.09	24.41	0.63	0.22	1.34
Cereals	824,057	57.7	16.12	24.01	0.57	0.35	1.25
Teff	116,483	30.34	17.7	48.96	1.61	0.03	1.37
Barley	19,059	56.85	18.82	22.69	0.13	0.67	0.84
Wheat	23,765	53.07	19.04	25	0.59	0.2	2.11
Maize	480,667	64.44	13.56	20.06	0.44	0.53	0.96
Sorghum	184,078	73.56	15.48	9.07	0.15	0.12	1.62
Finger millet	5	-	100	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	224,771	56.57	16.16	24.97	0.76	-	1.54
Horse beans white	4,400	60.32	20.43	19.04	-	-	0.21
Horse beans red	4,657	54.74	18.46	24.74	-	-	2.05
Field peas	6,307	69.25	14.25	15.5	0.5	-	0.5
Haricot beans	200,374	54.21	15.23	27.76	1	-	1.8
Chick – peas	6,561	62.42	13.21	22.63	1.26	-	0.47
Lentils	1,067	90	10	-	-	-	-
Vetch	*	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	23	100	-	-	-	-	-
Masho	1,325	64.38	25.63	8.13	-	-	1.88
Gibto	-	-	-	-	-	-	-
Oilseeds	854	58.53	12.07	29.4	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	*	-	-	-	-	-	-
Safflower	715	76.64	11	12.36	-	-	-
Sesame	135	3.33	20	76.67	-	-	-
Rapeseed	3	25	-	75	-	-	-
Vegetables	32,641	70.59	0.45	26.66	0.12	0.05	2.12
Lettuce	-	-	-	-	-	-	-
Head cabbage	256	35	-	65	-	-	-
Ethiopian cabbage	29,413	71.77	0.16	25.67	0.04	-	2.36
Tomatoes	142	73.33	3.33	23.33	-	-	-
Green peppers	2,814	64.63	2.11	30.53	0.79	0.53	1.42
Red peppers	16	80	-	20	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	76,133	72.01	6.64	20.15	0.4	-	0.81
Beetroot	*	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	4,480	33.63	13.04	51.19	-	-	2.15
Potatoes	24,671	82.69	5.9	9.62	1.54	-	0.26
Yam	4,090	93.33	3.33	-	-	-	3.33
Garlic	1,392	34	13	50	-	-	3
Taro / 'Godere'	31,127	81.13	1.98	16.51	-	-	0.38
Sweet potatoes	10,032	82.92	10	6.67	-	-	0.42
Permanent crops	519,518	52.24	0.14	45.22	0.44	0.31	1.66
Avocados	5,087	56.42	-	41.92	0.5	-	1.17
Bananas	54,316	47.64	-	49.66	0.82	0.19	1.69
Guavas	24	66.36	-	33.64	-	-	-
Lemons	1,414	26.95	-	67	0.53	-	5.53
Mangoes	48,246	63.26	-	34.99	-	-	1.75
Oranges	257	64.38	-	35	-	-	0.63
Papayas	21,482	74.37	-	23.71	0.1	-	1.81
Pineapples	-	-	-	-	-	-	-
Chat	5,144	4.55	-	95	0.3	0.15	-
Coffee	29,966	34.54	0.3	62.95	0.44	0.13	1.65
Hops (Geshe)	21	42.66	-	55.47	-	-	1.88
Sugar cane	353,562	32.95	0.18	63.3	-	1.25	2.32
Enset	675,783	75.82	0.24	20.94	0.6	0.65	1.75

TABLE 1.8- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Gambela Region							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent	Utilized	For		
			Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	121,441	76.68	9.35	11.71	0.25	0.18	1.84
Cereals	121,094	76.3	9.56	11.78	0.26	0.19	1.91
Teff	168	60	11.67	28.33	-	-	-
Barley	78	40	15	45	-	-	-
Wheat	280	50	25	25	-	-	-
Maize	79,695	76.66	10.63	10.13	0.09	0.25	2.24
Sorghum	40,873	75.85	6.01	16.41	0.79	0.02	0.92
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	145	88.33	4.41	6.67	-	-	0.59
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	128	89.3	4.1	6	-	-	0.6
Chick – peas	17	40	20	40	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	203	45	13.33	41.67	-	-	-
Neug	105	45	15	40	-	-	-
Linseed	95	26.67	16.67	56.67	-	-	-
Groundnuts	3	100	-	-	-	-	-
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 1.8.1- 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	27,996	72.8	12.24	12.8	-	0.58	1.59
Cereals	27,717	72.86	12.71	12.2	-	0.62	1.61
Teff	156	40	17.5	42.5	-	-	-
Barley	48	40	15	45	-	-	-
Wheat	280	50	25	25	-	-	-
Maize	20,199	73.95	12.77	10.63	-	0.77	1.88
Sorghum	7,035	70.98	11.75	16.73	-	-	0.54
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	81	80.53	3.95	13.95	-	-	1.58
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	64	82.78	3.06	12.5	-	-	1.67
Chick – peas	16	40	20	40	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	198	45	13.33	41.67	-	-	-
Neug	105	45	15	40	-	-	-
Linseed	91	26.67	16.67	56.67	-	-	-
Groundnuts	3	100	-	-	-	-	-
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 1.8.2- 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	40,014	77.35	10.28	9.8	0.19	-	2.39
Cereals	40,014	77.35	10.28	9.8	0.19	-	2.39
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	40,014	77.35	10.28	9.8	0.19	-	2.39
Sorghum	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-
Oats “Aja”	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
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 1.8.3- 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	37,847	79.55	4.55	14.45	0.71	0.02	0.73
Cereals	37,778	77.88	4.53	15.95	0.8	0.02	0.82
Teff	12	100	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	3,940	80.19	5	14.81	-	-	-
Sorghum	33,826	77.18	4.44	16.32	1	0.02	1.03
Finger millet	-	-	-	-	-	-	-
Oats “Aja”	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	65	92.97	4.69	2.34	-	-	-
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	64	92.97	4.69	2.34	-	-	-
Chick – peas	*	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
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 1.8.4- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Itang Special Wereda

Type of Crop	Total Production (Quintal)	Percent Utilized		For		Animal Feed	Others
		Household Consumption	Seed	Sale	Wages In kind		
Grain Crops	15,584	79.04	9.47	7.79	-	-	3.7
Cereals	15,584	79.04	9.47	7.79	-	-	3.7
Teff	-	-	-	-	-	-	-
Barley	*	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	15,543	79.04	9.47	7.79	-	-	3.7
Sorghum	*	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
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 1.9- 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	164,373	70.85	13.32	13.37	0.31	0.42	1.72
Cereals	144,316	85.06	12.24	-	0.18	0.54	1.98
Teff	-	-	-	-	-	-	-
Barley	220	96.67	3.33	-	-	-	-
Wheat	1,004	85	12.5	-	-	-	2.5
Maize	21,003	86.48	11.88	-	0.08	0.7	0.86
Sorghum	122,065	83.78	12.73	-	0.26	0.44	2.79
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	24	95	5	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	312	98.5	1.5	-	-	-	-
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	311	98.89	1.11	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	1	95	5	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	19,745	20.57	17.67	59.99	0.77	0.05	0.96
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	19,461	16.5	16.98	64.57	0.84	0.06	1.05
Safflower	-	-	-	-	-	-	-
Sesame	284	60.29	24.41	15.29	-	-	-
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	110,801	34.81	0.6	59.59	0.39	0.03	4.57
Avocados	-	-	-	-	-	-	-
Bananas	784	67.22	-	28.56	-	-	4.22
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	469	30.67	0.61	64.75	0.04	0.11	3.83
Oranges	-	-	-	-	-	-	-
Papayas	1,468	43.7	-	54.44	-	-	1.85
Pineapples	-	-	-	-	-	-	-
Chat	107,979	30.55	0.79	62.57	0.65	-	5.44
Coffee	102	43.93	-	55	-	-	1.07
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		Wages In kind	Animal Feed	Others
Grain Crops	122,034	77.58	17.85	2.74	0.14	1.3	0.39
Cereals	116,723	80.62	16.42	0.85	0.16	1.56	0.39
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	176	98	2	-	-	-	-
Maize	4,162	74.24	19.71	-	-	5.88	0.18
Sorghum	112,386	80.33	16.81	0.95	0.18	1.31	0.42
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	3,761	75.53	23.95	-	-	-	0.53
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	1,640	86	13	-	-	-	1
Haricot beans	2,121	63.89	36.11	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	1,549	55.06	25.55	19.09	-	-	0.3
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	668	43.22	21.22	35	-	-	0.56
Safflower	-	-	-	-	-	-	-
Sesame	881	69.27	30.73	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	2,106	34.29	4.38	58.33	-	-	3
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	2,106	34.29	4.38	58.33	-	-	3
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	3,201	40.64	-	57.55	-	-	1.82
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	3,063	53.37	-	44.23	-	-	2.4
Coffee	138	13.09	-	86.36	-	-	0.55
Hops (Gesho)	-	-	-	-	-	-	-
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, 42.38 percent was used for household consumption, 6.12 percent was sold, only 0.33 percent was used for wages in kind and the rest 51.17 percent was used for other purposes (could be for the production of butter, Cheese, and the likes). With respect to the utilization of butter, 56.25 percent of the produce was used for household consumption although considerable portion (38.11 percent) was sold. Most of the total Cheese produced was used for household consumption that is about 79.93 percent, 14.88 percent was sold and the rest 5.19 percent was used for wage in kind and other purposes, which are indicated in the table.

Of the total honey production, about 37.74 percent was used for household consumption, about 58.24 percent was sold, and less than 1 percent of the honey production was used as payment (wage) in the country. On the other hand, 43.54 percent of the wax produced in the country was used as household consumption while 24.91 percent was used for sale.

Concerning utilization of egg production, 27.7 percent of the total egg production was used for household consumption while 41.17 percent of the total egg production was used for sale. About 30.44 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, 2015/16 (2008 E.C)

National

Type of Product	Total %	Percent of Product Utilized for:			
		Household Consumption	Sale	Wages in Kind	Other
Milk	100	42.38	6.12	0.33	51.17
Butter	100	56.25	38.11	0.36	5.28
Cheese	100	79.93	14.88	0.29	4.9
Beef	100	47.34	35.9	1.03	15.73
Mutton/Goat Meat	100	90	3.95	0.35	5.7
Eggs	100	27.7	41.17	0.15	30.97
Honey	100	37.74	58.24	0.45	3.56
Bees Wax	100	43.54	24.91	0.56	30.98
Sheep hair	100	30.66	61.15	0.14	8.06
Skin	100	46.24	44.45	1.53	7.79
Hide	100	41.42	50.54	0.25	7.78
Arera	100	58.94	2.79	0.38	37.9
Camel Meat	100	50.66	15.15	2.79	31.4

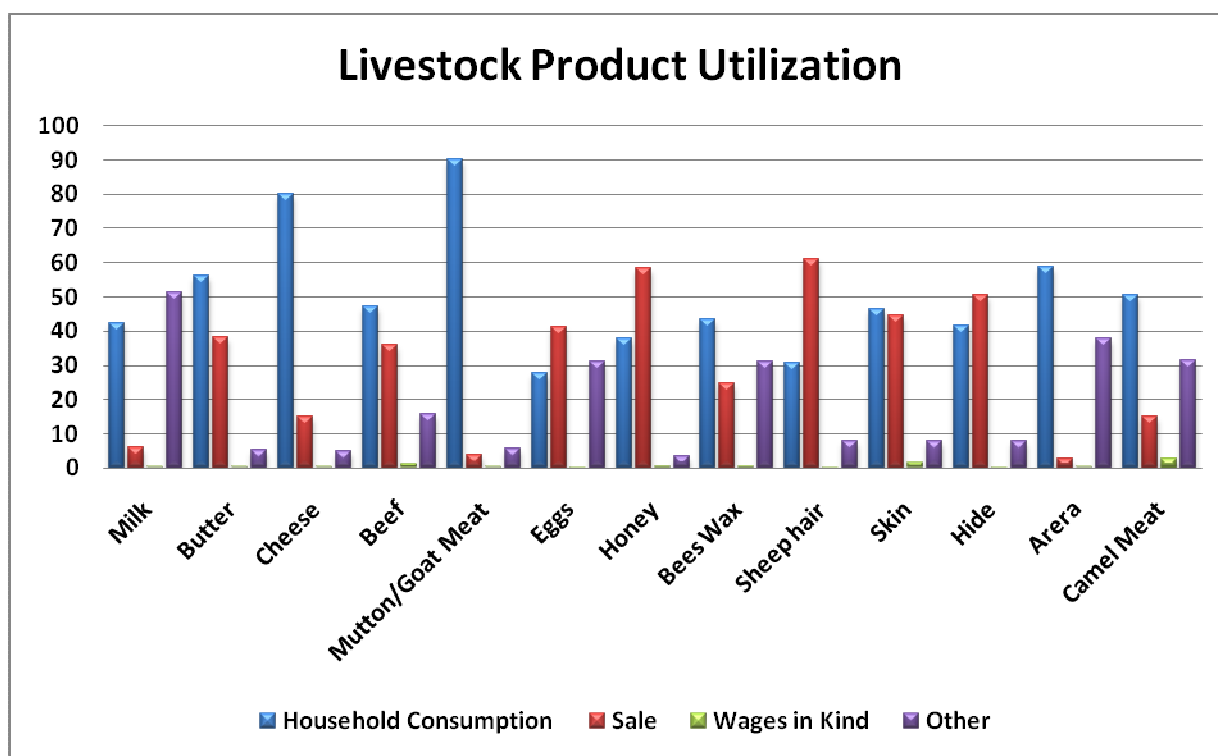


Figure 2: Percentages of Livestock product utilization

Table 2.1 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Tigray Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	27.9	0.68	0.8	70.62
Butter.....	100	68.25	24.57	0.53	6.65
Cheese.....	100	92.05	0.02	0.55	7.38
Beef.....	100	26.62	60.3	1.32	11.76
Mutton/Goat Meat....	100	88.18	6.85	0.34	4.62
Eggs.....	100	38.39	43.86	0.1	17.65
Honey.....	100	42.02	55.31	0.21	2.46
Wax.....	100	48.02	19.32	0.3	32.36
Sheep Hair.....	100	-	100	-	-
Skin.....	100	49.25	44.59	1.32	4.85
Hide.....	100	48.77	49.12	0.36	1.75
Arera.....	100	63.45	0.32	0.47	35.76
Camel Meat.....	100	36.67	63.33	-	-

Table 2.1.1 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

North West Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	31.83	0.03	0.1	68.03
Butter.....	100	75.01	15.09	0.31	9.59
Cheese.....	100	84.69	-	1.15	14.17
Beef.....	100	19.98	57.02	0.12	22.88
Mutton/Goat Meat....	100	79.43	9.89	0.14	10.55
Eggs.....	100	48.09	31.03	0.15	20.74
Honey.....	100	53.98	43.38	0.32	2.32
Wax.....	100	39.33	18.17	0.83	41.67
Sheep Hair.....	-	-	-	-	-
Skin.....	100	38.16	38.68	-	23.16
Hide.....	100	45.81	50.77	0.13	3.28
Arera.....	100	77.67	0.09	0.69	21.55
Camel Meat.....	100	-	-	-	-

Table 2.1.2 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Central Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	31.42	0.74	0.12	67.72
Butter.....	100	76.06	19.91	0.13	3.9
Cheese.....	100	98.47	-	-	1.53
Beef.....	100	69.21	25.53	-	5.26
Mutton/Goat Meat....	100	94.66	3.27	-	2.07
Eggs.....	100	33.38	49.52	-	17.09
Honey.....	100	28.42	68.97	0.21	2.39
Wax.....	100	65.26	14.74	-	20
Sheep Hair.....	100	-	100	-	-
Skin.....	100	56.25	43.75	-	-
Hide.....	100	48.46	51.54	-	-
Arera.....	100	72.61	0.11	-	27.28
Camel Meat.....	-	5	95	-	-

Table 2.1.3 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

East Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	16.55	1.88	-	81.56
Butter.....	100	65.55	32.19	0.26	2.01
Cheese.....	100	95.93	0.14	0.37	3.56
Beef.....	100	13.33	81.33	-	5.33
Mutton/Goat Meat....	100	98.42	0.86	-	0.72
Eggs.....	100	29.68	60.46	0.16	9.7
Honey.....	100	34.48	64.57	0.6	0.36
Wax.....	100	63.16	-	-	36.84
Sheep Hair.....	100	-	-	-	-
Skin.....	100	56	44	-	-
Hide.....	100	37.52	62.48	-	-
Arera.....	100	65.49	0.66	0.26	33.6
Camel Meat.....	100	-	-	-	-

Table 2.1.4 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)
South Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	21.14	0.37	0.33	78.17
Butter.....	100	53.63	41.17	-	5.2
Cheese.....	100	96.84	-	-	3.16
Beef.....	100	19.9	76.93	0.85	2.32
Mutton/Goat Meat....	100	93.25	4.84	-	1.92
Eggs.....	100	24.26	61.93	0.09	13.72
Honey.....	100	29.25	69.36	-	1.39
Wax.....	100	48.89	22.22	-	28.89
Sheep Hair.....	-	-	-	-	-
Skin.....	100	30.51	69.27	0.22	-
Hide.....	100	47.59	51.99	-	0.42
Arera.....	100	68.39	-	0.04	31.57
Camel Meat.....	100	100	-	-	-

Table 2.1.5 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)
Western Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	31.12	0.84	2.03	66.01
Butter.....	100	69.99	20.5	1.21	8.3
Cheese.....	100	89.75	0.02	0.78	9.45
Beef.....	100	26.19	58.9	2.1	12.81
Mutton/Goat Meat....	100	84.24	9.89	0.88	4.99
Eggs.....	100	49.09	28.18	0.13	22.61
Honey.....	100	55.74	39.85	-	4.42
Wax.....	100	41.42	27.73	0.27	30.58
Sheep Hair.....	-	-	-	-	-
Skin.....	100	56.36	38.57	2.34	2.73
Hide.....	100	55.61	40.87	0.87	2.65
Arera.....	100	47.54	0.62	0.84	51
Camel Meat.....	-	-	-	-	-

Table 2.2 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Afar Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	80.02	1.63	0.56	17.79
Butter.....	100	75.46	17.07	0.46	7.01
Cheese.....	100	90.96	0.2	1.11	7.73
Beef.....	100	67.12	1.29	2.27	29.32
Mutton/Goat Meat....	100	86.26	0.18	1.18	12.38
Eggs.....	100	53.54	20.63	0.14	25.69
Honey.....	100	30	70	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	71.74	5.37	3.2	19.69
Hide.....	100	74.23	6.31	0.76	18.7
Arera.....	100	90.73	0.06	0.58	8.63
Camel Meat.....	100	61.71	-	3.9	34.39

Table 2.2.1 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Zone 1

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	76.9	1.35	0.43	21.32
Butter.....	100	75.96	17.55	0.24	6.24
Cheese.....	100	94.55	-	0.15	5.3
Beef.....	100	63.21	-	-	36.79
Mutton/Goat Meat....	100	85.46	0.05	0.87	13.62
Eggs.....	-	-	-	-	-
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	80.68	4.55	-	14.77
Hide.....	100	85.94	4	0.58	9.48
Arera.....	100	93.51	-	0.01	6.48
Camel Meat.....	100	58.75	-	-	41.25

Table 2.2.2 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Zone 3

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	85.03	2.08	0.76	12.13
Butter.....	100	73.59	15.24	1.26	9.9
Cheese.....	100	83.79	0.61	3.03	12.58
Beef.....	100	67.56	1.44	2.52	28.48
Mutton/Goat Meat....	100	87.33	0.34	1.58	10.75
Eggs.....	100	53.54	20.63	0.14	25.69
Honey.....	100	30	70	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	68.74	5.65	4.27	21.34
Hide.....	100	56.18	9.87	1.05	32.9
Arera.....	100	79.69	0.31	2.84	17.16
Camel Meat.....	100	62.03	-	4.32	33.65

Table 2.3 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)
Amhara Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	32.82	0.42	0.38	66.38
Butter.....	100	58.09	36.13	0.16	5.62
Cheese.....	100	95.09	0.07	0.16	4.68
Beef.....	100	43.07	30.4	0.22	26.32
Mutton/Goat Meat....	100	95.93	1.09	0.14	2.84
Eggs.....	100	20.92	48.17	0.14	30.78
Honey.....	100	36.94	59.2	0.29	3.57
Wax.....	100	45.61	27.65	0.54	26.21
Sheep Hair.....	100	33.75	58.06	-	8.19
Skin.....	100	43.32	53.3	0.19	3.19
Hide.....	100	42.18	56.08	0.04	1.69
Arera.....	100	50.72	0.07	0.2	49.01
Camel Meat.....	100	36.67	29.17	-	34.17

Table 2.3.1 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)
North Gonder

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	26.82	0.06	0.37	72.75
Butter.....	100	61.84	31.57	0.06	6.53
Cheese.....	100	97.46	0.11	0.14	2.29
Beef.....	100	22.5	32.5	-	45
Mutton/Goat Meat....	100	98	0.38	-	1.62
Eggs.....	100	20	21.77	-	58.23
Honey.....	100	39.81	52.82	-	7.37
Wax.....	100	41.22	11.11	-	47.67
Sheep Hair.....	100	100	-	-	-
Skin.....	100	51.83	48.17	-	-
Hide.....	100	53.01	46.89	-	0.09
Arera.....	100	26.99	-	0.04	72.98
Camel Meat.....	100	-	-	-	100

Table 2.3.2 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

South Gonder

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	22.37	-	0.04	77.59
Butter.....	100	66.48	28.3	-	5.22
Cheese.....	100	92.54	-	-	7.46
Beef.....	100	77.73	6.82	-	15.45
Mutton/Goat Meat....	100	92.55	1.79	0.09	5.57
Eggs.....	100	14.67	49.49	-	35.84
Honey.....	100	37.74	57.5	-	4.76
Wax.....	100	62.93	14.66	4.14	18.28
Sheep Hair.....	100	-	-	-	100
Skin.....	100	61.14	27.27	-	11.59
Hide.....	100	64.65	32.59	0.5	2.26
Arera.....	100	25.58	-	0.06	74.36
Camel Meat.....	-	-	-	-	-

Table 2.3.3 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

North Wolo

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	39.08	-	0.27	60.65
Butter.....	100	47.1	46.13	0.39	6.39
Cheese.....	100	94.94	0.18	0.09	4.79
Beef.....	100	46.47	8.42	-	45.11
Mutton/Goat Meat....	100	96.14	0.78	-	3.07
Eggs.....	100	26	49.42	-	24.59
Honey.....	100	36.8	61.98	-	1.22
Wax.....	100	54.21	34.74	-	11.05
Sheep Hair.....	100	85	15	-	-
Skin.....	100	27.27	72.73	-	-
Hide.....	100	44.65	54.43	-	0.92
Arera.....	100	76.14	0.5	0.04	23.32
Camel Meat.....	100	20	80	-	-

Table 2.3.4 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2004 E.C)

South Wolo

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	44.26	2.62	-	53.12
Butter.....	100	53.12	42.22	0.03	4.63
Cheese.....	100	97.92	-	-	2.08
Beef.....	100	18.45	66.55	-	15
Mutton/Goat Meat....	100	93.99	2.08	0.48	3.46
Eggs.....	100	21.04	70.49	-	8.47
Honey.....	100	45.23	51.5	0.54	2.73
Wax.....	100	92.14	7.86	-	-
Sheep Hair.....	100	80	-	-	20
Skin.....	100	39.34	60.66	-	-
Hide.....	100	25.06	74.94	-	-
Arera.....	100	86.12	-	0.5	13.38
Camel Meat.....	-	-	-	-	-

Table 2.3.5 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

North Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	39.59	0.23	0.92	59.26
Butter.....	100	40	53.45	0.14	6.41
Cheese.....	100	94.34	0.4	-	5.26
Beef.....	100	59.83	27.41	-	12.76
Mutton/Goat Meat....	100	96.7	1.84	-	1.46
Eggs.....	100	22.03	55.13	0.24	22.6
Honey.....	100	49.23	47.12	-	3.65
Wax.....	100	72.94	20.59	-	6.47
Sheep Hair.....	100	22.2	70.81	-	6.99
Skin.....	100	46.49	50.54	-	2.97
Hide.....	100	42.18	55.45	-	2.36
Arera.....	100	42.92	0.17	-	56.92
Camel Meat.....	100	45	47.5	-	7.5

Table 2.3.6 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

East Gojam

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	31.76	0.23	0.34	67.67
Butter.....	100	71.85	22.58	0.46	5.11
Cheese.....	100	94.16	-	0.55	5.29
Beef.....	100	66.92	2.68	-	30.4
Mutton/Goat Meat....	100	97.17	1.41	-	1.42
Eggs.....	100	21.11	60.52	0.82	17.55
Honey.....	100	40.2	58.31	-	1.48
Wax.....	100	45.24	9.52	-	45.24
Sheep Hair.....	-	-	-	-	-
Skin.....	100	29	70	-	1
Hide.....	100	36.1	63.5	-	0.41
Arera.....	100	39.5	-	0.74	59.76
Camel Meat.....	-	-	-	-	-

Table 2.3.7 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

West Gojam

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	28.29	0.19	0.48	71.05
Butter.....	100	73.85	21.16	0.03	4.96
Cheese.....	100	95.09	0.02	0.17	4.72
Beef.....	100	5.33	-	-	94.67
Mutton/Goat Meat....	100	98.28	1.2	-	0.52
Eggs.....	100	21.97	34.48	-	43.55
Honey.....	100	38.54	60.63	-	0.83
Wax.....	100	27.05	32.05	-	40.91
Sheep Hair.....	100	100	-	-	-
Skin.....	100	10.71	89.29	-	-
Hide.....	100	37.69	61.67	-	0.65
Arera.....	100	21.28	-	0.18	78.54
Camel Meat.....	-	-	-	-	-

Table 2.3.8 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Waghamera

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	40.66	-	1.13	58.21
Butter.....	100	50.59	38.67	0.33	10.42
Cheese.....	100	87.02	-	0.16	12.83
Beef.....	100	49.47	47.89	-	2.63
Mutton/Goat Meat....	100	98.04	0.45	0.98	0.54
Eggs.....	100	25.35	55.88	0.33	18.44
Honey.....	100	26.43	70.88	0.59	2.1
Wax.....	-	30.36	48.21	-	21.43
Sheep Hair.....	100	-	-	-	-
Skin.....	100	50	34.09	-	15.91
Hide.....	100	64.8	32.14	-	3.06
Arera.....	100	85	-	0.12	14.88
Camel Meat.....	-	-	-	-	-

Table 2.3.9 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Awi

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	32.19	-	0.57	67.24
Butter.....	100	43.88	51.42	0.35	4.35
Cheese.....	100	97.78	-	0.21	2
Beef.....	100	27.5	54.58	1.67	16.25
Mutton/Goat Meat....	100	96.37	-	0.32	3.31
Eggs.....	100	20.47	44.14	0.14	35.25
Honey.....	100	21.63	71.92	1.75	4.7
Wax.....	100	30.44	63.68	-	5.88
Sheep Hair.....	100	100	-	-	-
Skin.....	100	58.33	39.58	2.08	-
Hide.....	100	32.28	62.17	-	5.56
Arera.....	100	32.14	-	0.15	67.71
Camel Meat.....	-	-	-	-	-

Table 2.3.10 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Oromia Zone

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	35.83	0.26	0.22	63.69
Butter.....	100	54.08	40.79	-	5.13
Cheese.....	100	100	-	-	-
Beef.....	100	8.33	15	-	76.67
Mutton/Goat Meat....	100	80.6	-	-	19.4
Eggs.....	100	16.62	50.81	-	32.58
Honey.....	100	38.67	54.33	-	7
Wax.....	100	44.44	-	-	55.56
Sheep Hair.....	-	-	-	-	-
Skin.....	100	66.67	33.33	-	-
Hide.....	100	34.69	61.22	-	4.08
Arera.....	100	92.72	0.17	0.27	6.85
Camel Meat.....	100	10	-	-	90

Table 2.3.11 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Argoba Special

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	27.12	1.48	0.03	71.37
Butter.....	100	56.47	41.07	-	2.47
Cheese.....	100	100	-	-	-
Beef.....	100	36.25	32.81	1.25	29.69
Mutton/Goat Meat....	100	91.29	0.45	0.15	8.11
Eggs.....	100	18.26	49.03	0.32	32.39
Honey.....	100	22.94	71.5	-	5.56
Wax.....	100	28.33	71.67	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	51.04	44.79	-	4.17
Hide.....	100	51.06	45.58	-	3.37
Arera.....	100	98.16	-	0.11	1.74
Camel Meat.....	-	-	-	-	-

Table 2.4 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Oromia Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	42.14	7.28	0.13	50.46
Butter.....	100	54.49	40.11	0.23	5.17
Cheese.....	100	83.62	10.78	0.14	5.46
Beef.....	100	44.05	44.56	1.01	10.38
Mutton/Goat Meat....	100	87.51	7.23	0.23	5.02
Eggs.....	100	27.45	43.17	0.19	29.18
Honey.....	100	41.96	53.4	0.44	4.2
Wax.....	100	35.08	29.83	0.45	34.64
Sheep Hair.....	100	21.74	76.96	0.87	0.43
Skin.....	100	49.36	46.65	0.07	3.92
Hide.....	100	32.23	59.05	0.28	8.43
Arera.....	100	63.69	2.05	0.1	34.15
Camel Meat.....	100	28.13	45	3.75	23.13

Table 2.4.1 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

West Welega

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	13.36	0.2	0.17	86.27
Butter.....	100	49.75	41.97	0.12	8.17
Cheese.....	100	90.06	-	0.35	9.59
Beef.....	100	47.86	39.29	-	12.86
Mutton/Goat Meat....	100	83.61	12.78	0.56	3.06
Eggs.....	100	26.75	30.99	0.08	42.18
Honey.....	100	31.11	62.98	1.63	4.28
Wax.....	100	23.5	49.15	0.7	26.65
Sheep Hair.....	-	-	-	-	-
Skin.....	100	34	64	-	2
Hide.....	100	39.39	42.42	-	18.18
Arera.....	100	51.1	-	0.15	48.75
Camel Meat.....	-	-	-	-	-

Table 2.4.2 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

East Welega

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	13.33	-	-	86.67
Butter.....	100	48.34	48.33	0.33	3
Cheese.....	100	94.7	0.42	-	4.88
Beef.....	100	23.33	66.67	-	10
Mutton/Goat Meat....	100	92.47	6.44	-	1.1
Eggs.....	100	24.6	25	0.2	50.2
Honey.....	100	40.22	58.41	-	1.37
Wax.....	100	23.14	43.84	-	33.02
Sheep Hair.....	100	-	100	-	-
Skin.....	100	71.43	28.57	-	-
Hide.....	100	46.38	34.78	-	18.84
Arera.....	100	53.84	0.07	-	46.09
Camel Meat.....	-	-	-	-	-

Table 2.4.3 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Illubabor

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	37.11	2.13	0.22	60.55
Butter.....	100	52.97	40.65	0.22	6.15
Cheese.....	100	80.18	11.92	0.16	7.74
Beef.....	100	52.5	47.5	-	-
Mutton/Goat Meat....	100	87.26	6.21	0.11	6.42
Eggs.....	100	33.64	31.71	0.53	34.13
Honey.....	100	43.95	48.73	0.61	6.72
Wax.....	100	35	47.01	1.49	16.49
Sheep Hair.....	100	33.33	66.67	-	-
Skin.....	100	14.29	71.43	-	14.29
Hide.....	100	11.91	69.67	3.95	14.47
Arera.....	100	67.55	0.65	0.28	31.52
Camel Meat.....	-	-	-	-	-

Table 2.4.4 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Jimma

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	41.15	0.87	0.13	57.86
Butter.....	100	53.74	40.29	0.07	5.9
Cheese.....	100	76.28	20.96	-	2.76
Beef.....	100	46.67	23.33	-	30
Mutton/Goat Meat....	100	91.07	-	-	8.93
Eggs.....	100	29.79	40.24	-	29.97
Honey.....	100	52.29	41.88	0.99	4.84
Wax.....	100	48	10	-	42
Sheep Hair.....	-	-	-	-	-
Skin.....	100	3.33	93.33	-	3.33
Hide.....	100	-	97.3	-	2.7
Arera.....	100	39.74	1.8	-	58.46
Camel Meat.....	-	-	-	-	-

Table 2.4.5 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

West Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	25.68	-	0.03	74.3
Butter.....	100	50.1	46.25	0.05	3.6
Cheese.....	100	87.59	9.41	0.25	2.75
Beef.....	100	32.22	55.56	-	12.22
Mutton/Goat Meat....	100	93.17	4.5	0.42	1.92
Eggs.....	100	34.12	43.86	0.3	21.72
Honey.....	100	45.57	53.42	-	1.01
Wax.....	100	24.74	1.75	1.75	71.75
Sheep Hair.....	-	-	-	-	-
Skin.....	100	60	20	-	20
Hide.....	100	12.14	87.06	-	0.79
Arera.....	100	56.92	-	0.22	42.86
Camel Meat.....	-	-	-	-	-

Table 2.4.6 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

North Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	24.36	11.47	-	64.17
Butter.....	100	37.89	59.93	0.79	1.39
Cheese.....	100	67.37	29.06	0.07	3.51
Beef.....	100	28.75	63.98	-	7.27
Mutton/Goat Meat....	100	91.44	7.76	-	0.79
Eggs.....	100	26.04	66.92	0.68	6.37
Honey.....	100	59.02	39.02	0.22	1.74
Wax.....	100	55.83	17.08	-	27.08
Sheep Hair.....	100	-	100	-	-
Skin.....	100	22.18	72.27	-	5.56
Hide.....	100	20.22	74.3	-	5.48
Arera.....	100	41.95	0.03	-	58.02
Camel Meat.....	-	-	-	-	-

Table 2.4.7 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

East Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	53.01	0.95	-	46.04
Butter.....	100	51.51	41.67	0.23	6.6
Cheese.....	100	79.04	19.59	-	1.37
Beef.....	100	36.94	28.24	-	34.82
Mutton/Goat Meat....	100	79.03	15.56	-	5.42
Eggs.....	100	31.06	48.75	0.03	20.16
Honey.....	100	57.5	41.5	-	1
Wax.....	-	-	100	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	60	40	-	-
Hide.....	100	45.71	52.29	-	2
Arera.....	100	63.84	-	-	36.16
Camel Meat.....	100	22.5	50	-	27.5

Table 2.4.8 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Arsi

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	61.23	3.09	0.23	35.44
Butter.....	100	65.45	29.14	0.16	5.25
Cheese.....	100	86.53	8.45	0.46	4.56
Beef.....	100	55.57	32.14	6	6.29
Mutton/Goat Meat....	100	92.35	2.88	1.76	3
Eggs.....	100	35.24	53.55	0.16	11.05
Honey.....	100	54.18	41.39	0.13	4.3
Wax.....	100	81.82	-	-	18.18
Sheep Hair.....	100	18.75	79.38	1.25	0.63
Skin.....	100	33.64	64.24	0.61	1.52
Hide.....	100	35.76	58.42	0.13	5.7
Arera.....	100	70.09	0.8	0.08	29.04
Camel Meat.....	100	50	20	30	-

Table 2.4.9 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

West Harerge

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	66.09	21.8	0.18	11.92
Butter.....	100	65.59	31.06	0.2	3.15
Cheese.....	100	99.89	-	-	0.11
Beef.....	100	83.67	6.33	-	10
Mutton/Goat Meat....	100	87.75	-	-	12.25
Eggs.....	100	18.42	53.21	-	28.37
Honey.....	100	34.96	60.04	-	5
Wax.....	100	17.5	57.5	-	25
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	71.88	3.13	-	25
Arera.....	100	93.1	2.03	-	4.86
Camel Meat.....	100	10	90	-	-

Table 2.4.10 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

East Harerge

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	55.96	35.1	-	8.94
Butter.....	100	67.39	23.46	-	9.15
Cheese.....	-	-	-	-	-
Beef.....	100	8.33	33.33	-	58.33
Mutton/Goat Meat....	100	61.53	11.13	-	27.33
Eggs.....	100	12.99	66.86	0.27	19.89
Honey.....	100	42.96	51.72	0.22	5.11
Wax.....	100	50	-	-	50
Sheep Hair.....	-	-	-	-	-
Skin.....	100	60	-	-	40
Hide.....	100	37.29	-	1.69	61.02
Arera.....	100	90.63	-	-	9.38
Camel Meat.....	100	-	70	-	30

Table 2.4.11 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Bale

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	74.13	6.36	0.28	19.23
Butter.....	100	66.37	29.76	-	3.87
Cheese.....	100	89.62	5.95	0.23	4.2
Beef.....	100	32.33	55.33	2.17	10.17
Mutton/Goat Meat....	100	83.05	7.07	-	9.89
Eggs.....	100	32.4	57.02	-	10.58
Honey.....	100	40.77	54.58	0.24	4.4
Wax.....	100	82.35	2.94	-	14.71
Sheep Hair.....	-	-	-	-	-
Skin.....	100	71.43	28.57	-	-
Hide.....	100	83.7	13.07	-	3.23
Arera.....	100	81.62	0.29	0.06	18.03
Camel Meat.....	-	-	-	-	-

Table 2.4.12 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Borena

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	45.93	26.67	-	27.41
Butter.....	100	43.24	49.39	0.07	7.3
Cheese.....	100	42.86	57.14	-	-
Beef.....	100	87	12.5	-	0.5
Mutton/Goat Meat....	100	95.43	-	-	4.57
Eggs.....	100	20.03	54.45	-	25.52
Honey.....	100	25	70.74	-	4.26
Wax.....	100	50	50	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	89.47	10.53	-	-
Hide.....	100	74.07	25.93	-	-
Arera.....	100	71.92	26.28	-	1.8
Camel Meat.....	100	20	40	-	40

Table 2.4.13 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)
South West Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	33.18	1.65	0.02	65.14
Butter.....	100	59.92	32.95	0.12	7.01
Cheese.....	100	83	11.43	0.04	5.53
Beef.....	100	19.82	74.64	-	5.54
Mutton/Goat Meat....	100	83.58	15.88	0.09	0.44
Eggs.....	100	34.32	48.4	0.07	17.21
Honey.....	100	52.12	45.89	-	1.99
Wax.....	100	74.57	2.17	-	23.26
Sheep Hair.....	-	-	-	-	-
Skin.....	100	31.43	67.5	-	1.07
Hide.....	100	30.19	67.92	-	1.89
Arera.....	100	49.42	0.33	-	50.25
Camel Meat.....	-	-	-	-	-

Table 2.4.14 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Guji

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	44.34	16.21	0.43	39.02
Butter.....	100	53.63	40.23	0.45	5.69
Cheese.....	100	80.95	12.16	0.17	6.72
Beef.....	100	70	-	-	30
Mutton/Goat Meat....	100	86.56	6.25	-	7.19
Eggs.....	100	22.6	43.86	0.55	32.98
Honey.....	100	28.71	64.66	0.22	6.4
Wax.....	100	55.93	29.63	-	14.44
Sheep Hair.....	-	-	-	-	-
Skin.....	100	50	-	-	50
Hide.....	100	47.83	47.83	-	4.35
Arera.....	100	77.65	16.53	0.33	5.49
Camel Meat.....	100	100	-	-	-

Table 2.4.15 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

West Arsi

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	65.51	1	0.22	33.27
Butter.....	100	54.76	39.6	0.26	5.38
Cheese.....	100	64.5	32.83	0.17	2.5
Beef.....	100	55.16	35.94	-	8.91
Mutton/Goat Meat....	100	90.06	0.89	0.06	8.99
Eggs.....	100	30.82	44.96	0.08	24.14
Honey.....	100	62	33.67	-	4.33
Wax.....	100	100	-	-	-
Sheep Hair.....	100	50	50	-	-
Skin.....	100	84.38	15.63	-	-
Hide.....	100	40.21	57.01	-	2.78
Arera.....	100	92.85	2.2	0.39	4.56
Camel Meat.....	-	-	-	-	-

Table 2.4.16 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Kelem

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	19.96	0.36	-	79.68
Butter.....	100	57.64	35.59	0.47	6.29
Cheese.....	100	90.08	-	-	9.92
Beef.....	-	-	-	-	-
Mutton/Goat Meat....	100	87.64	8.18	-	4.18
Eggs.....	100	26.52	21.56	0.11	51.81
Honey.....	100	33.73	59.51	-	6.76
Wax.....	100	4.57	43.04	-	52.39
Sheep Hair.....	-	-	-	-	-
Skin.....	100	25	75	-	-
Hide.....	100	32	64	-	4
Arera.....	100	63.2	0.04	-	36.76
Camel Meat.....	100	-	40	-	60

Table 2.4.17 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Horogudru

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	15.82	0.64	-	83.54
Butter.....	100	53.04	41.58	0.17	5.21
Cheese.....	100	90.3	-	-	9.7
Beef.....	100	26.36	53.64	-	20
Mutton/Goat Meat....	100	88.9	7.32	-	3.78
Eggs.....	100	22.11	23.93	0.1	53.86
Honey.....	100	32.92	62.87	1.01	3.2
Wax.....	100	25.37	24.27	-	50.37
Sheep Hair.....	-	-	-	-	-
Skin.....	100	23.08	76.92	-	-
Hide.....	100	18.08	73.25	-	8.67
Arera.....	100	52.23	-	-	47.77
Camel Meat.....	-	-	-	-	-

Table 2.5 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)
Somali Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	66.21	29.53	0.04	4.23
Butter.....	100	60.29	31.39	-	8.32
Cheese.....	100	86.67	4.67	-	8.67
Beef.....	100	42.14	25	-	32.86
Mutton/Goat Meat....	100	80.48	2.74	0.87	15.91
Eggs.....	100	38.15	46.47	-	15.38
Honey.....	100	40	60	-	-
Wax.....	100	-	-	-	100
Sheep Hair.....	-	-	-	-	-
Skin.....	100	47.92	18.75	33.33	-
Hide.....	100	35.35	33.64	-	31.01
Arera.....	100	84.68	8.26	-	7.06
Camel Meat.....	-	-	-	-	-

Table 2.5.1 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Shinele

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	85.36	12.99	0.09	1.56
Butter.....	100	100	-	-	-
Cheese.....	-	-	-	-	-
Beef.....	100	100	-	-	-
Mutton/Goat Meat....	100	77.75	-	1.79	20.47
Eggs.....	100	35.03	53.4	-	11.57
Honey.....	100	30	70	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	100	38.1	61.9	-	-
Arera.....	100	100	-	-	-
Camel Meat.....	-	-	-	-	-

Table 2.5.2 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Jijiga

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	48.8	47	-	4.2
Butter.....	100	72.03	20.08	-	7.89
Cheese.....	100	92.31	-	-	7.69
Beef.....	100	25	58.33	-	16.67
Mutton/Goat Meat....	100	77.79	6.74	-	15.47
Eggs.....	100	-	100	-	-
Honey.....	100	100	-	-	-
Wax.....	-	-	-	-	100
Sheep Hair.....	-	-	-	-	-
Skin.....	100	75	25	-	-
Hide.....	100	28.84	30.11	-	41.05
Arera.....	100	86.61	1.19	-	12.2
Camel Meat.....	-	-	-	-	-

Table 2.5.3 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Liben

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	75.61	17.66	0.04	6.68
Butter.....	100	44.62	46.23	-	9.15
Cheese.....	100	50	35	-	15
Beef.....	100	48.57	-	-	51.43
Mutton/Goat Meat....	100	85.58	1.03	0.96	12.43
Eggs.....	100	39.39	44.01	-	16.6
Honey.....	100	-	100	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	38.89	16.67	44.44	-
Hide.....	100	42.2	30.49	-	27.32
Arera.....	100	81.67	17.29	-	1.04
Camel Meat.....	-	-	-	-	-

Table 2.6 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Benshangule-Gumuz Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	33.58	1.48	0.19	64.75
Butter.....	100	49.33	43.23	0.21	7.24
Cheese.....	100	92.88	-	0.26	6.86
Beef.....	100	73.03	16.97	0.45	9.55
Mutton/Goat Meat....	100	90.34	3.99	0.29	5.39
Eggs.....	100	20.83	16.59	0.07	62.5
Honey.....	100	27.79	68.69	0.96	2.57
Wax.....	100	36.75	11.2	-	52.05
Sheep Hair.....	-	-	-	-	100
Skin.....	100	36.12	41.43	-	22.45
Hide.....	100	38.55	33.63	0.11	27.71
Arera.....	100	61.15	0.2	0.51	38.15
Camel Meat.....	100	30	32.5	-	37.5

Table 2.6.1 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Metekel

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	38.24	0.49	0.26	61.01
Butter.....	100	52.74	40.64	0.25	6.37
Cheese.....	100	95.1	-	0.21	4.69
Beef.....	100	85	0.24	0.71	14.05
Mutton/Goat Meat....	100	90.36	-	0.09	9.55
Eggs.....	100	29.5	13.51	0.07	56.92
Honey.....	100	35.35	59.65	-	5
Wax.....	100	70	13.16	-	16.84
Sheep Hair.....	-	-	-	-	-
Skin.....	100	23.57	37.14	-	39.29
Hide.....	100	32.45	44.08	-	23.47
Arera.....	100	55.11	-	0.23	44.66
Camel Meat.....	-	-	-	-	-

Table 2.6.2 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Asosa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	37.19	5.61	0.35	56.84
Butter.....	100	40.53	47.19	0.53	11.75
Cheese.....	100	81.07	-	0.95	17.98
Beef.....	100	50	50	-	-
Mutton/Goat Meat....	100	87.5	8.22	0.83	3.44
Eggs.....	100	21.18	19.74	0.19	58.9
Honey.....	100	15.29	83.53	-	1.18
Wax.....	100	66.67	-	-	33.33
Sheep Hair.....	-	-	-	-	-
Skin.....	100	20	80	-	-
Hide.....	100	30.99	16.48	-	52.54
Arera.....	100	64.56	-	2.81	32.63
Camel Meat.....	100	50	50	-	-

Table 2.6.3 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Kemashi

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	23.9	0.58	-	75.51
Butter.....	100	50.37	42.23	-	7.39
Cheese.....	100	93.63	-	-	6.38
Beef.....	100	73.33	23.33	-	3.33
Mutton/Goat Meat....	100	99.17	-	0.07	0.76
Eggs.....	100	11.49	15.88	-	72.63
Honey.....	100	39.09	46.36	11.36	3.18
Wax.....	100	-	25	-	75
Sheep Hair.....	-	-	-	-	-
Skin.....	-	57.5	42.5	-	-
Hide.....	100	50.42	35.49	-	14.08
Arera.....	100	71.65	0.53	-	27.82
Camel Meat.....	-	-	-	-	-

Table 2.6.4 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Mao Komo

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	25.93	3.78	-	70.29
Butter.....	100	40	54.87	-	5.13
Cheese.....	100	94.14	-	-	5.86
Beef.....	100	27	73	-	-
Mutton/Goat Meat....	100	80.26	13.16	-	6.58
Eggs.....	100	17.97	17.57	-	64.46
Honey.....	100	25.67	72.1	0.45	1.79
Wax.....	100	20.91	10.91	-	68.18
Sheep Hair.....	100	-	-	-	100
Skin.....	100	54.29	45.71	-	-
Hide.....	100	51.82	36.36	1.36	10.45
Arera.....	100	65.41	0.81	-	33.78
Camel Meat.....	100	10	15	-	75

Table 2.7 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

S.N.N.P. Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	35.15	3.05	0.44	61.36
Butter.....	100	50.88	44.16	0.63	4.33
Cheese.....	100	57.73	38.57	0.45	3.25
Beef.....	100	65.89	25.53	0.43	8.15
Mutton/Goat Meat....	100	92.78	4.67	0.13	2.42
Eggs.....	100	30.88	37.39	0.08	31.65
Honey.....	100	34.19	62.48	0.6	2.73
Wax.....	100	63.64	19.15	1.23	15.97
Sheep Hair.....	100	-	50	-	50
Skin.....	100	25.79	68.35	0.88	4.98
Hide.....	100	25.6	73.21	-	1.2
Arera.....	100	52.66	6.76	0.78	39.8
Camel Meat.....	100	36.67	28.33	-	35

Table 2.7.1 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Gurage

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	37.06	0.47	1.09	61.39
Butter.....	100	61.98	32.82	0.83	4.37
Cheese.....	100	62.72	33.19	0.22	3.87
Beef.....	100	71.76	24.32	-	3.92
Mutton/Goat Meat....	100	95.04	1.39	0.17	3.39
Eggs.....	100	53.08	26.71	0.06	20.15
Honey.....	100	48.89	46.67	0.63	3.81
Wax.....	100	58.33	3.33	-	38.33
Sheep Hair.....	-	-	-	-	-
Skin.....	100	22.99	75.86	1.15	-
Hide.....	100	16.51	83.49	-	-
Arera.....	100	37.19	0.48	0.61	61.72
Camel Meat.....	-	-	-	-	-

Table 2.7.2 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Hadiya

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	23.07	2.04	0.21	74.68
Butter.....	100	50.98	43.59	0.71	4.71
Cheese.....	100	53.62	43.63	0.28	2.47
Beef.....	100	87.83	11.67	-	0.5
Mutton/Goat Meat....	100	97.6	-	0.09	2.31
Eggs.....	100	32.65	28.52	0.13	38.7
Honey.....	100	46.46	51.59	-	1.95
Wax.....	100	60	-	-	40
Sheep Hair.....	-	-	-	-	-
Skin.....	100	6.07	93.93	-	-
Hide.....	100	8.3	89.57	-	2.13
Arera.....	100	41.71	1.17	0.15	56.97
Camel Meat.....	100	5	10	-	85

Table 2.7.3 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Kembata-Tembaro

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	32.27	0.45	0.1	67.17
Butter.....	100	51.42	43.1	0.32	5.16
Cheese.....	100	49.7	47.34	0.14	2.82
Beef.....	100	73.64	8.18	-	18.18
Mutton/Goat Meat....	100	90.63	3.75	-	5.63
Eggs.....	100	35.75	46.1	-	18.15
Honey.....	100	42.32	55.54	-	2.14
Wax.....	100	100	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	12.27	86.36	-	1.36
Hide.....	100	20.61	79.39	-	-
Arera.....	100	49.61	0.32	0.67	49.41
Camel Meat.....	100	20	40	-	40

Table 2.7.4 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Sidama

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	34.23	2.29	0.23	63.26
Butter.....	100	48.02	46.68	0.29	5.01
Cheese.....	100	52.6	38.2	-	9.2
Beef.....	100	43.75	42.5	1.25	12.5
Mutton/Goat Meat....	100	90	-	-	10
Eggs.....	100	21.7	49.81	0.25	28.25
Honey.....	100	52.2	43.2	0.8	3.8
Wax.....	100	43.75	2.5	-	53.75
Sheep Hair.....	-	-	-	-	-
Skin.....	100	60	20	-	20
Hide.....	100	-	100	-	-
Arera.....	100	78.66	15.6	0.36	5.39
Camel Meat.....	-	-	-	-	-

Table 2.7.5 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Gedio

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	47.17	2.33	-	50.5
Butter.....	100	45.74	52.78	-	1.48
Cheese.....	100	100	-	-	-
Beef.....	100	48.33	48.33	-	3.33
Mutton/Goat Meat....	100	70.59	21.47	-	7.94
Eggs.....	100	37.39	43	0.08	19.53
Honey.....	100	36.79	57.5	-	5.71
Wax.....	100	33	52	15	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	25	75	-	-
Hide.....	100	15	85	-	-
Arera.....	100	90	7.32	-	2.68
Camel Meat.....	-	-	-	-	-

Table 2.7.6 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Wolayita

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	17.76	2.97	0.8	78.48
Butter.....	100	41.6	51.26	1.76	5.39
Cheese.....	100	49.02	46.91	0.73	3.34
Beef.....	100	-	100	-	-
Mutton/Goat Meat....	100	57.5	42.5	-	-
Eggs.....	100	24.53	44.04	0.05	31.39
Honey.....	100	41.03	51.03	1.03	6.9
Wax.....	100	50	50	-	-
Sheep Hair.....	100	-	-	-	100
Skin.....	100	-	100	-	-
Hide.....	100	-	-	-	-
Arera.....	100	53.59	15.71	1.56	29.14
Camel Meat.....	-	-	-	-	-

Table 2.7.7 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

South Omo

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	43.99	3.83	1.07	51.1
Butter.....	100	44.44	50.59	0.96	4.01
Cheese.....	100	48.7	37.96	0.37	12.96
Beef.....	100	72.78	6.67	7.22	13.33
Mutton/Goat Meat....	100	92.67	6.72	-	0.6
Eggs.....	100	30.9	40.43	0.18	28.49
Honey.....	100	25	72.33	0.78	1.89
Wax.....	100	72.32	19.88	1.71	6.1
Sheep Hair.....	-	-	-	-	-
Skin.....	100	66.67	33.33	-	-
Hide.....	100	58.55	41.45	-	-
Arera.....	100	87.2	0.88	1.19	10.73
Camel Meat.....	-	-	-	-	-

Table 2.7.8 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Sheka

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	37.88	2.22	-	59.9
Butter.....	100	73.88	23.62	0.92	1.57
Cheese.....	100	79.8	18.71	0.34	1.15
Beef.....	100	21.67	77.22	-	1.11
Mutton/Goat Meat....	100	86.17	13.21	-	0.63
Eggs.....	100	27.57	26.63	-	45.8
Honey.....	100	15.09	81.76	0.19	2.96
Wax.....	100	100	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	54.55	27.27	-	18.18
Hide.....	100	13.04	84.78	-	2.17
Arera.....	100	21.21	0.83	-	77.96
Camel Meat.....	-	-	-	-	-

Table 2.7.9 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Kefa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	45.19	3.75	-	51.07
Butter.....	100	64.34	32.43	0.1	3.14
Cheese.....	100	71.2	26.18	0.34	2.29
Beef.....	100	16.43	70.71	-	12.86
Mutton/Goat Meat....	100	92.31	7.69	-	-
Eggs.....	100	30.12	26.13	0.05	43.7
Honey.....	100	22.84	73.92	2.84	0.39
Wax.....	100	48.64	42.27	-	9.09
Sheep Hair.....	-	-	100	-	-
Skin.....	100	23.08	69.23	-	7.69
Hide.....	100	10.2	89.8	-	-
Arera.....	100	18.53	0.96	-	80.51
Camel Meat.....	-	-	-	-	-

Table 2.7.10 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Gamo Gofa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	30.12	1.85	0.06	67.96
Butter.....	100	46.11	51.02	0.15	2.72
Cheese.....	100	51.93	44.83	-	3.24
Beef.....	100	55	45	-	-
Mutton/Goat Meat....	100	94.55	5.45	-	-
Eggs.....	100	22.34	53.3	-	24.36
Honey.....	100	28.48	70.54	0.22	0.76
Wax.....	100	70.71	0.71	-	28.57
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	-	-	-
Hide.....	100	27.27	72.73	-	-
Arera.....	100	66.85	21.08	0.29	11.78
Camel Meat.....	-	-	-	-	-

Table 2.7.11 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Bench-Maji

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	57.42	12.26	0.08	30.24
Butter.....	100	47.47	48.19	-	4.34
Cheese.....	100	80.25	16.01	-	3.74
Beef.....	100	70	-	-	30
Mutton/Goat Meat....	100	98.93	-	-	1.07
Eggs.....	100	21.11	25.4	-	53.49
Honey.....	100	34.23	63.63	-	2.14
Wax.....	100	100	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	-	-	100
Hide.....	100	66	28	-	6
Arera.....	100	38.16	0.19	0.06	61.58
Camel Meat.....	-	-	-	-	-

Table 2.7.12 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Yem Special Wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	44.67	0.22	-	55.11
Butter.....	100	58.58	32.96	-	8.46
Cheese.....	100	83.48	13.68	-	2.84
Beef.....	100	12.5	87.5	-	-
Mutton/Goat Meat....	100	51.25	48.75	-	-
Eggs.....	100	26.57	55.81	0.1	17.52
Honey.....	100	35.8	59.5	-	4.7
Wax.....	100	54.55	36.36	-	9.09
Sheep Hair.....	-	-	-	-	-
Skin.....	100	25	75	-	-
Hide.....	100	-	100	-	-
Arera.....	100	57.14	4.87	-	37.98
Camel Meat.....	-	-	-	-	-

Table 2.7.13 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Dawro

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	28.21	3.49	0.74	67.56
Butter.....	100	45.83	48.42	1.24	4.52
Cheese.....	100	52.55	42.75	0.89	3.81
Beef.....	100	25	50	-	25
Mutton/Goat Meat....	100	96.36	-	0.91	2.73
Eggs.....	100	32.61	39.18	0.08	28.13
Honey.....	100	30.97	67.54	0.6	0.9
Wax.....	100	64.32	15.68	1.82	18.18
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	100	-	-
Hide.....	100	75	25	-	-
Arera.....	100	47.39	5.82	2.3	44.5
Camel Meat.....	-	-	-	-	-

Table 2.7.14 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Basketo Special Wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	39.08	4.62	0.23	56.07
Butter.....	100	50.71	43.79	0.58	4.92
Cheese.....	100	59.11	40.22	0.22	0.44
Beef.....	100	36.25	63.75	-	-
Mutton/Goat Meat....	100	100	-	-	-
Eggs.....	100	29.37	37.64	-	32.99
Honey.....	100	35.58	60.96	1.15	2.31
Wax.....	100	93.57	5	-	1.43
Sheep Hair.....	-	-	-	-	-
Skin.....	100	33.33	66.67	-	-
Hide.....	100	33.33	66.67	-	-
Arera.....	100	77.31	1.26	-	21.43
Camel Meat.....	-	-	-	-	-

Table 2.7.15 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Konta Special Wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	22.82	3.53	0.83	72.82
Butter.....	100	37.03	57.97	0.72	4.28
Cheese.....	100	43.83	51.46	0.38	4.33
Beef.....	100	100	-	-	-
Mutton/Goat Meat....	100	100	-	-	-
Eggs.....	100	22.17	36.72	0.34	40.76
Honey.....	100	29.18	69.64	0.45	0.73
Wax.....	100	37.43	22.86	3	36.71
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	-	100	-
Hide.....	100	-	100	-	-
Arera.....	100	47.17	8.02	3.19	41.62
Camel Meat.....	-	-	-	-	-

Table 2.7.16 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Silitie

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	42.56	0.26	0.62	56.56
Butter.....	100	46.99	48.56	0.15	4.3
Cheese.....	100	45.73	51.67	0.26	2.34
Beef.....	100	90.69	3.28	-	6.03
Mutton/Goat Meat....	100	98.44	-	0.38	1.19
Eggs.....	100	40.16	33.4	0.12	26.33
Honey.....	100	47.08	45.83	-	7.08
Wax.....	100	56.33	43.67	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	10.34	72.41	-	17.24
Hide.....	100	13.16	82.89	-	3.95
Arera.....	100	50.16	-	0.31	49.53
Camel Meat.....	-	-	-	-	-

Table 2.7.17 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Alaba Special Wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	33.16	2.51	1.2	63.13
Butter.....	100	46.52	47.96	1.01	4.51
Cheese.....	100	46.73	48.44	1.13	3.7
Beef.....	100	95	-	3.33	1.67
Mutton/Goat Meat....	100	96.29	-	-	3.71
Eggs.....	100	26.98	26.5	0.06	46.45
Honey.....	100	36.96	56.43	2.14	4.46
Wax.....	100	100	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	100	-	-
Hide.....	100	-	99.35	-	0.65
Arera.....	100	36.92	1.66	0.9	60.52
Camel Meat.....	-	-	-	-	-

Table 2.7.18 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Segen People

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	42.1	6.73	0.57	50.6
Butter.....	100	56.5	38.98	0.64	3.88
Cheese.....	100	51.76	27.06	9.12	12.06
Beef.....	100	19.38	30.63	-	50
Mutton/Goat Meat....	100	90.96	3.08	0.38	5.58
Eggs.....	100	32.42	41.7	0.04	25.84
Honey.....	100	23.34	75.8	-	0.86
Wax.....	100	86.25	13.75	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	88.46	11.54	-	-
Hide.....	100	79.24	20.76	-	-
Arera.....	100	81.38	13.94	1.38	3.3
Camel Meat.....	-	-	-	-	-

Table 2.8 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Gambela Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	70.17	16.76	0.42	12.65
Butter.....	100	74.91	21.75	0.81	2.53
Cheese.....	100	81.24	16.52	-	2.24
Beef.....	100	15.91	54.55	7.27	22.27
Mutton/Goat Meat....	100	65.51	29.37	1.96	3.16
Eggs.....	100	28.59	25.7	0.48	45.23
Honey.....	100	23.17	70.73	0.37	5.73
Wax.....	100	83.33	-	-	16.67
Sheep Hair.....	100	-	100	-	-
Skin.....	100	53.85	46.15	-	-
Hide.....	100	10.26	89.74	-	-
Arera.....	100	43.84	5.68	0.68	49.79
Camel Meat.....	100	40	35	-	25

Table 2.8.1 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Agnuwak

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	60.56	18.87	-	20.56
Butter.....	100	61.36	33.07	-	5.57
Cheese.....	100	53.43	39.71	-	6.86
Beef.....	100	16.67	66.67	8.89	7.78
Mutton/Goat Meat....	100	29.41	58.82	6.18	5.59
Eggs.....	100	22.37	17.24	0.66	59.73
Honey.....	100	24.51	68.85	0.41	6.23
Wax.....	-	-	-	-	-
Sheep Hair.....	100	-	100	-	-
Skin.....	100	-	100	-	-
Hide.....	100	100	-	-	-
Arera.....	100	56.72	22.97	-	20.31
Camel Meat.....	100	50	30	-	20

Table 2.8.2 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Nuware

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	79.62	18.25	0.3	1.83
Butter.....	100	85	15	-	-
Cheese.....	-	-	-	-	-
Beef.....	-	-	-	-	-
Mutton/Goat Meat....	100	100	-	-	-
Eggs.....	100	22.78	31.61	0.16	45.45
Honey.....	100	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	-	-	-	-	-
Arera.....	-	-	-	-	-
Camel Meat.....	-	-	-	-	-

Table 2.8.3 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Mezhenger

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	54.12	1.82	0.15	43.91
Butter.....	100	79.6	17.81	1.16	1.43
Cheese.....	100	92.06	7.5	-	0.44
Beef.....	100	12.5	-	-	87.5
Mutton/Goat Meat....	100	83.8	12.39	1.09	2.72
Eggs.....	100	45.62	28.56	0.69	25.12
Honey.....	100	21.85	72.58	0.32	5.24
Wax.....	100	83.33	-	-	16.67
Sheep Hair.....	-	-	-	-	-
Skin.....	100	20	80	-	-
Hide.....	100	-	100	-	-
Arera.....	100	39.16	0.85	0.89	59.1
Camel Meat.....	-	-	-	-	-

Table 2.8.4 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Itang Special

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	51.22	43.88	2.65	2.24
Butter.....	100	100	-	-	-
Cheese.....	-	-	-	-	-
Beef.....	-	-	-	-	-
Mutton/Goat Meat....	100	48	50	-	2
Eggs.....	100	12.74	32.17	-	55.09
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	100	-	-	-
Arera.....	100	100	-	-	-
Camel Meat.....	100	30	40	-	30

Table 2.9 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Harai Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	64.63	31.53	1.06	2.78
Butter.....	100	92.5	-	-	7.5
Cheese.....	-	-	-	-	-
Beef.....	100	80	-	-	20
Mutton/Goat Meat....	100	81.79	-	-	18.21
Eggs.....	100	35.92	42.71	0.95	20.42
Honey.....	100	60.42	31.25	-	8.33
Wax.....	100	-	-	-	100
Sheep Hair.....	-	-	-	-	-
Skin.....	100	18.75	5.63	0.63	75
Hide.....	100	13.04	6.52	-	80.43
Arera.....	100	100	-	-	-
Camel Meat.....	-	-	-	-	-

Table 2.10 Livestock Product percent of Utilization-Private peasant Holders, 2015/16 (2008 E.C)

Dire Dawa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	71.96	25.34	-	2.71
Butter.....	100	52.69	40.77	-	6.54
Cheese.....	100	100	-	-	-
Beef.....	100	13.33	26.67	-	60
Mutton/Goat Meat....	100	79.86	-	-	20.14
Eggs.....	100	14.22	72.95	0.3	12.54
Honey.....	100	59	32	-	9
Wax.....	100	-	-	-	100
Sheep Hair.....	-	-	-	-	-
Skin.....	100	75	-	-	25
Hide.....	100	38.67	7.87	4	49.47
Arera.....	100	92.22	-	-	7.78
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 2015/16 (2008 E.C)

PART I- IDENTIFICATION PARTICULARS

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

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

Part III-Livestock Product Usage Proportions

1	2	3	4	5	6	7
Sr No	Name of livestock and Livestock product	Household consumption	Proportions in Percentage			
			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)					

