

**THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA**

CENTRAL STATISTICAL AGENCY

*AGRICULTURAL SAMPLE SURVEY*

**2013/2014 (2006 E.C.)**

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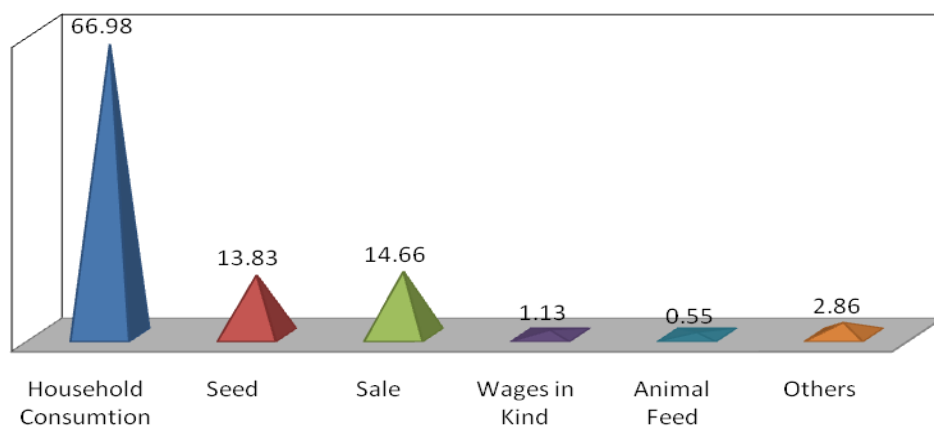
*REPORT ON*

**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**

**September, 2014**

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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 2013/14 (2006 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 2013/14 (2006 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 2013/14 (2006 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 2,250 Enumeration Areas (EAs) were selected. However, due to various reasons that are beyond control, in 26 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,224 EAs (98.84 %) 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 67,500 agricultural households, however, 65,975 (97.74%) 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 2013/14 (2006 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 2<sup>nd</sup> 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 2,363 enumerators, 563 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 Mekele 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 2013/14 (2006 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 25 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 2013/14 (2006 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 percent of the cereals produced were used for household consumption. Nearly 13 percent and 16 percent were used for seed and sale, respectively. The remaining 5 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, without considering “Masho”, it is easy to realize that between 52 percent and 76 per cent of the crops in the cereals group were used for own consumption and between 10 per cent and 30 per cent of these crops were used for sale. Moreover, between 8 per cent and 21 per cent of the same crops in the same group were used for seed.

As shown in Summary Table 1, about 61 per cent of pulses were used for household consumption, 14 per cent for seed and about 22 per cent for sale. The remaining 3

per cent of pulses were used for wages, animal feed and others. Considering utilization by crop type within the pulses group, between 32 per cent and 70 per cent of the crops were utilized for household consumption and between 17 per cent and 52 per cent of crop were utilized for sale in the same crops in the same group were sold in 2013/14 (2006 E.C.). Moreover, between 11 per cent and 19 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 39 percent, 11 percent and about 47 percent were used for household consumption, seed, and sale, respectively. Taking utilization by crop type into account, between 18 per cent and nearly 62 percent of each crop type in the oilseeds category were used for household consumption, between 26 percent and nearly 69 percent for sale and about 7-14 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 78 percent, 19 per cent and nearly 1 per cent of the vegetables produced were used for household consumption, sale, and seed, respectively. The remaining about 2 percent of the vegetables was used for wages, animal feed and others. The percent used by crop type within the vegetables group were 56 percent –84 about percent for household consumption, nearly 14 percent – 41 percent for sale and about 0.14 –2 percent for seed. For details, refer to Summary Table 1.

The utilization of root crops for for household consumption was about 72 percent, and 17 percent for sale and 9 per cent for seed. The ranges of percent utilized by

crop type within the root crops category fall between 58 percent – 82 percent for consumption, 7 percent – 36 percent for sale and about 0.22 - 18 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 55 percent of the permanent crops were used for consumption at home and about 41 percent for sale. The utilization by crop type within the permanent crop group ranges between about 29 percent and 77 percent for household consumption and between about 20 percent and 66 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	251,536,624	62.37	12.72	20.52	0.71	0.42	3.26
Cereals	215,835,226	66.3	12.49	16.14	0.78	0.56	3.73
Pulses	28,588,806	61.08	14.05	21.71	0.52	0.2	2.45
Oilseeds	7,112,592	38.93	10.84	47.28	0.69	0.09	2.18
Vegetables	7,228,937	77.86	0.97	19.31	0.23	0.06	1.58
Root Crops	41,608,725	72.12	9.43	16.52	0.19	0.62	1.12
Permanent Crops	25,702,847	55.36	0.46	40.6	0.44	0.78	2.36
Enset	67,089,422	83.6	0.33	11.04	1.03	2.09	1.92

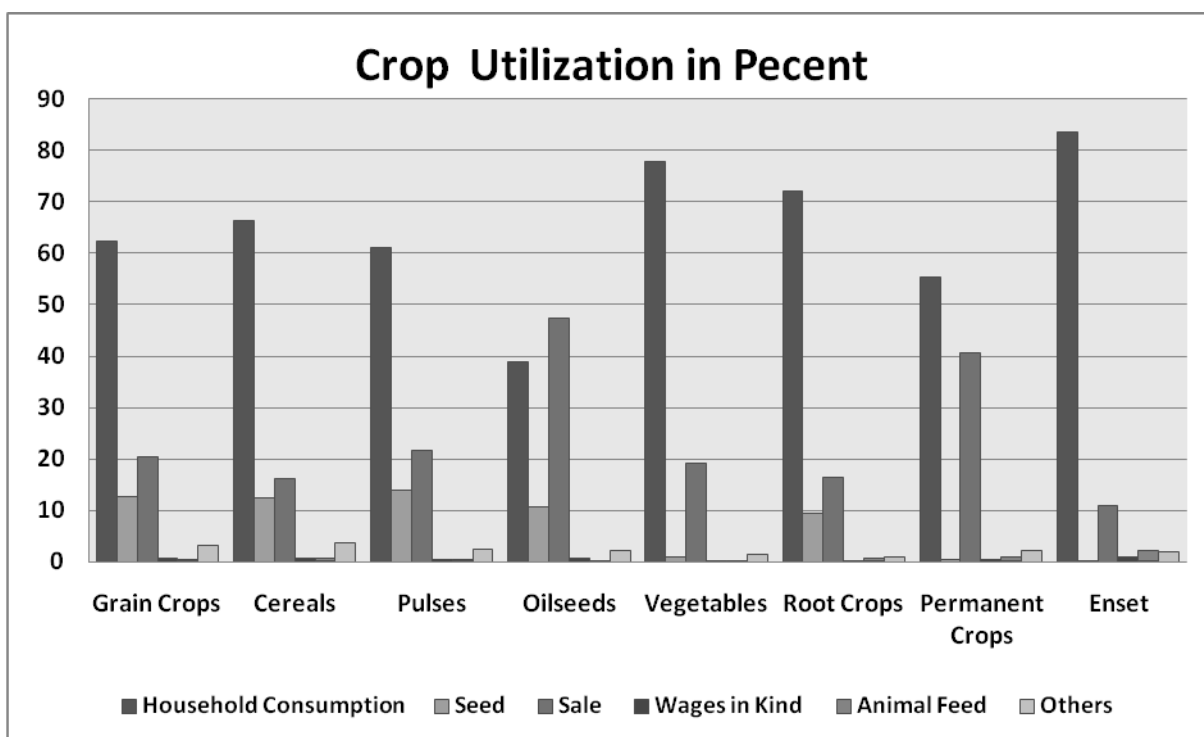


Figure 1 Percentage of Grain Crops Utilization



**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
<b>Grain Crops</b>	251,536,624	62.37	12.72	20.52	0.71	0.42	3.26
<b>Cereals</b>	215,835,226	66.3	12.49	16.14	0.78	0.56	3.73
Teff	44,186,422	51.59	13.35	29.74	0.87	0.07	4.38
Barley	19,082,624	63.94	18.62	12.51	0.58	0.66	3.69
Wheat	39,251,741	58.86	17.71	18.42	0.66	0.16	4.19
Maize	64,915,403	76.06	8.32	11.11	0.61	0.96	2.95
Sorghum	38,288,701	74.25	10.1	10.31	0.84	0.72	3.78
Finger millet	8,489,564	71.29	10.76	11.32	1.84	0.39	4.41
Oats "Aja"	616,503	60.67	20.49	14.92	0.25	1.05	2.62
Rice	923,627	55.98	13.5	24.78	2.2	0.27	3.28
Masho	80,640	17.58	10.37	67.33	1.15	-	3.55
<b>Pulses</b>	28,588,806	61.08	14.05	21.71	0.52	0.2	2.45
Horse beans white	9,917,003	64.63	14.19	17.75	0.56	0.04	2.83
Horse beans red	3,798,131	57.82	15.93	22.44	0.54	0.07	3.21
Field peas	1,987,778	66.45	11.05	20.29	0.49	0.22	1.49
Haricot beans	2,586,339	69.55	11.75	16.73	0.48	0.08	1.41
Chick – peas	4,238,148	56.05	14.98	25.21	0.66	0.06	3.04
Lentils	1,591,212	41	18.81	37.14	0.32	0.1	2.63
Vetch	3,173,221	51.29	15.83	26.44	0.65	2.22	3.58
Soya beans	610,249	32.04	12.33	52.2	1.37	0.68	1.37
Fenugreek	456,266	59.09	13.8	25.9	0.04	0.09	1.08
Gibto	230,460	42.58	10.88	41.75	0.86	0.32	3.6
<b>Oilseeds</b>	7,112,592	38.93	10.84	47.28	0.69	0.09	2.18
Neug	2,202,112	25.4	11.27	59.45	0.59	0.07	3.22
Linseed	879,459	57.83	13.6	26.1	0.34	0.04	2.09
Groundnuts	1,120,887	28.11	13.77	53.34	1.32	-	3.46
Safflower	83,471	61.56	8.16	25.88	0.59	0.86	2.96
Sesame	2,202,161	17.86	10.42	69.39	1.3	0.01	1.01
Rapeseed	624,503	56.04	7.12	35.17	0.2	0.07	1.41
<b>Vegetables</b>	7,228,937	77.86	0.97	19.31	0.23	0.06	1.58
Lettuce	616	65.71	0.14	33.92	-	-	0.24
Head cabbage	270,188	73.39	0.68	24.08	0.1	0.63	1.13
Ethiopian cabbage	3,603,272	83.86	0.68	13.63	0.12	0.04	1.67
Tomatoes	393,730	55.59	1.03	40.73	-	0.11	2.54
Green peppers	412,504	83.1	0.34	15.01	0.14	*	1.4
Red peppers	2,541,884	68.69	1.93	27.32	0.54	-	1.52
Swiss chard	6,743	76.91	0.43	21.81	0.13	-	0.72
<b>Root Crops</b>	41,608,725	72.12	9.43	16.52	0.19	0.62	1.12
Beetroot	140,749	75.45	0.72	23.19	0.01	0.01	0.61
Carrot	67,120	63.04	0.22	35.67	0.12	-	0.95
Onion	2,197,353	58.15	5.28	35.02	0.09	0.02	1.44
Potatoes	7,849,934	65.17	17.56	15.83	0.38	0.06	1
Yam	-	-	-	-	-	-	-
Garlic	1,590,936	64.36	14.37	20.42	0.13	0.02	0.69
Taro / 'Godere'	11,935,383	81.09	10.14	6.94	0.2	0.63	1
Sweet potatoes	17,827,250	82.03	0.58	12.94	0.23	2.31	1.9
<b>Permanent crops</b>	25,702,847	55.36	0.46	40.6	0.44	0.78	2.36
Avocados	182,064	54.29	0.24	43.25	0.22	0.17	1.83
Bananas	3,400,126	50.11	0.34	47.41	0.11	0.23	1.8
Guavas	8,503	67.95	0.67	24.89	0.02	-	6.47
Lemons	46,610	38.77	1.43	54.35	0.16	0.02	5.27
Mangoes	721,870	60.35	0.26	35.72	0.09	0.05	3.53
Oranges	311,827	58.42	0.48	37.66	0.06	0.05	3.33
Papayas	315,883	77.27	0.32	19.91	0.03	0.03	2.45
Pineapples	4,957	58.29	0.13	40.51	-	-	1.07
Chat	2,450,629	29.05	0.5	65.84	0.3	0.03	4.27
Coffee	3,920,062	47.3	0.41	50.08	0.72	0.01	1.49
Hops (Gesho)	305,876	56.86	0.66	40.61	0.15	0.07	1.63
Sugar cane	14,034,441	45.51	1.26	43.44	0.17	7.03	2.58
<b>Enset</b>	67,089,422	83.6	0.33	11.04	1.03	2.09	1.92

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
<b>Grain Crops</b>	16,010,816	66.59	12.33	16.81	0.58	0.81	2.88
<b>Cereals</b>	14,649,461	71.1	12.82	11.05	0.67	1.05	3.31
Teff	2,465,518	64.74	13.03	18.27	0.39	0.01	3.56
Barley	1,602,659	69.3	18.26	7.26	0.48	0.28	4.41
Wheat	2,050,333	67.41	18.61	8.86	0.75	0.3	4.07
Maize	1,485,993	80.59	8.25	5.6	0.48	2.84	2.23
Sorghum	5,463,225	72	10.35	12.37	0.97	1.48	2.82
Finger millet	1,563,173	68.11	11.28	15.61	1.11	0.39	3.5
Oats "Aja"	6,385	40	40	17	3	-	-
Rice	12,175	68.75	8.5	21.5	-	-	1.25
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	644,324	70.23	11.69	15.75	0.26	0.01	2.07
Horse beans white	245,992	74.08	10.61	12.8	0.27	-	2.24
Horse beans red	73,012	65.33	11.28	20.79	0.33	-	2.27
Field peas	7,585	80.96	10.21	8.17	0.47	-	0.19
Haricot beans	1,345	95.43	3.29	0.57	-	-	0.71
Chick – peas	78,552	69.31	9.58	19.43	0.22	0.04	1.41
Lentils	95,792	54.34	16.19	26.89	0.37	-	2.21
Vetch	137,108	70.41	15.8	11.03	-	0.04	2.72
Soya beans	-	-	-	-	-	-	-
Fenugreek	4,938	71.73	10	17.13	-	-	1.15
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	717,031	25.43	9.28	64.39	0.31	0.05	0.54
Neug	50,328	43.86	8.67	46.45	0.08	0.14	0.8
Linseed	57,764	65.19	11.75	21.8	0.33	0.05	0.88
Groundnuts	4,090	14.33	9.33	76.33	-	-	-
Safflower	86	83.64	3.82	11.82	-	-	0.73
Sesame	604,747	4.02	8.53	86.69	0.37	0.04	0.35
Rapeseed	16	61.67	11.67	26.67	-	-	-
<b>Vegetables</b>	107,785	79.68	2	17.26	0.32	-	0.74
Lettuce	107	53.06	0.11	46.28	-	-	0.56
Head cabbage	7,287	27.85	0.38	71.77	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	25,285	39.06	2.92	57.79	-	-	0.23
Green peppers	26,261	88.36	0.68	10.38	0.08	-	0.5
Red peppers	48,845	86.86	2.39	9.34	0.48	-	0.93
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	53,382	66.06	4.74	27.39	0.36	0.03	1.42
Beetroot	-	-	-	-	-	-	-
Carrot	343	6.88	-	83.13	-	-	10
Onion	13,208	64.95	2.84	31.44	0.08	-	0.68
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	39,832	71.79	6.18	20.49	0.16	0.05	1.33
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	84,302	59.05	2.17	35.7	0.24	0.14	2.7
Avocados	-	-	-	-	-	-	-
Bananas	359	33.1	4.29	62.62	-	-	-
Guavas	914	66.43	5.33	26.83	-	-	1.41
Lemons	4,536	43.86	7.39	44.8	0.91	-	3.05
Mangoes	525	32.08	-	67.92	-	-	-
Oranges	1,514	65.13	1.25	28	-	-	5.63
Papayas	1,476	68.44	3.33	25.26	-	-	2.96
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	74,978	62.31	1.36	32.7	0.26	0.22	3.15
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

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		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	4,515,174	67.11	8.6	19.95	0.64	1.13	2.56
<b>Cereals</b>	4,309,846	70.98	8.84	15.41	0.74	1.37	2.67
Teff	605,932	65.66	8.85	22.7	0.31	-	2.47
Barley	3,913	87.61	3.64	6.43	-	-	2.32
Wheat	1,283	80	5	15	-	-	-
Maize	758,631	78.27	7.45	7.81	0.9	2.84	2.74
Sorghum	1,861,276	71.74	10.59	13.36	0.88	1.89	1.55
Finger millet	1,078,810	65.37	9.39	20.13	0.86	0.53	3.72
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	60,059	77.3	5.83	13.32	0.34	-	3.19
Horse beans white	35,307	74.71	6.54	14.36	0.23	-	4.16
Horse beans red	1,810	84.44	5	10.56	-	-	-
Field peas	537	87	5	6	1	-	1
Haricot beans	1,345	94.67	3.83	0.67	-	-	0.83
Chick – peas	18,848	78	4.72	14.83	0.61	-	1.83
Lentils	511	97	3	-	-	-	-
Vetch	1,701	35	10.5	35	-	-	19.5
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	145,269	22.28	9.09	67.56	0.03	0.08	0.98
Neug	18,642	34.61	5.36	57.75	-	0.43	1.86
Linseed	7,536	55.47	10.97	31.19	-	-	2.38
Groundnuts	-	-	-	-	-	-	-
Safflower	86	47.5	3.5	45	-	-	4
Sesame	119,006	7.4	9.65	82.7	0.04	-	0.2
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	49,544	88.4	1.39	9.67	0.14	-	0.4
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	12,203	43.06	0.61	56.33	-	-	-
Green peppers	8,602	84.39	0.44	14.06	-	-	1.11
Red peppers	28,739	93.4	1.53	4.51	0.16	-	0.39
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	1,726	92.81	-	6.88	-	-	0.31
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	222	100	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	1,504	87.22	-	12.22	-	-	0.56
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	26,239	58.73	2.59	33.41	1.23	-	4.04
Avocados	-	-	-	-	-	-	-
Bananas	1	100	-	-	-	-	-
Guavas	3	70.78	-	28.11	-	-	1.11
Lemons	785	46.58	-	44.33	3.33	-	5.75
Mangoes	498	15	-	85	-	-	-
Oranges	81	54.5	1.67	40.5	-	-	3.33
Papayas	603	86.25	-	7.5	-	-	6.25
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	24,268	55.79	3.96	34.6	1.39	-	4.26
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

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
<b>Grain Crops</b>	3,317,501	74.04	14.55	8.62	0.19	0.09	2.5
<b>Cereals</b>	3,120,206	74.84	15.03	7.05	0.19	0.1	2.79
Teff	967,327	67.52	16.86	11.78	0.2	-	3.64
Barley	314,276	72.56	19.56	5.15	0.07	0.01	2.66
Wheat	538,464	72.41	17.21	6.53	0.13	0.06	3.66
Maize	397,900	83.86	10.14	4.06	0.04	0.27	1.63
Sorghum	688,004	74.39	14.22	8.66	0.35	0.13	2.25
Finger millet	214,235	77.43	13.84	4.73	0.47	0.1	3.42
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	164,234	74.67	13.1	10.26	0.27	0.01	1.69
Horse beans white	91,440	81.21	10.8	6.28	0.06	-	1.65
Horse beans red	3,166	68.44	19.38	8.44	2.5	-	1.25
Field peas	3,405	75.85	17	7.15	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	12,790	74	7.68	17.12	-	0.2	1
Lentils	19,619	52.67	25.27	19.55	1	-	1.51
Vetch	30,494	67.05	13.2	15.25	-	-	4.5
Soya beans	-	-	-	-	-	-	-
Fenugreek	3,320	59.18	7	30.88	-	-	2.94
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	33,062	58.05	11.82	29.5	-	0.09	0.54
Neug	2,445	64.06	13.28	22.66	-	-	-
Linseed	23,114	67.05	10.95	20.87	-	0.16	0.97
Groundnuts	2,521	15.25	4	80.75	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	4,983	8.33	13.92	77.75	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	21,965	86.92	2.13	10.93	0.02	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	5,775	70	-	30	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	45	34.5	9.25	56.25	-	-	-
Green peppers	12,768	97.72	1.12	1.15	-	-	-
Red peppers	3,378	76	3.7	20.23	0.07	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	37,217	70.14	8.51	19.32	0.96	-	1.06
Beetroot	-	-	-	-	-	-	-
Carrot	343	5	-	95	-	-	-
Onion	10,034	46.73	12.91	39.64	-	-	0.73
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	26,840	77	8.56	13.21	-	-	1.23
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	29,546	52.89	0.32	44.55	-	0.63	1.6
Avocados	-	-	-	-	-	-	-
Bananas	76	17.22	-	82.78	-	-	-
Guavas	16	75.86	-	24.14	-	-	-
Lemons	409	42.6	-	57.4	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	583	58.75	2.5	38.75	-	-	-
Papayas	448	23.5	-	76.5	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	28,014	56.67	0.34	39.86	-	0.89	2.24
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.1.3- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Eastern Tigray

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	1,286,339	71.83	16.33	6.82	0.95	0.65	3.43
<b>Cereals</b>	1,122,539	71	16.95	5.86	1.11	0.86	4.22
Teff	123,717	66.99	15.37	13.68	1.14	0.05	2.77
Barley	414,602	70.22	18.1	5.2	0.5	0.65	5.33
Wheat	473,754	69.59	18.31	5.58	1.39	0.85	4.28
Maize	41,959	79.95	12.5	2.3	0.47	3.37	1.41
Sorghum	30,579	77.86	12.31	5.31	2.02	0.24	2.26
Finger millet	36,845	72.54	16.74	1.53	2.64	0.42	6.14
Oats "Aja"	1,083	10	20	70	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	160,068	74.41	14.95	9.33	0.23	-	1.08
Horse beans white	46,932	72.2	15.05	11.19	0.46	-	1.1
Horse beans red	24,250	74.96	14.71	9.77	-	-	0.56
Field peas	104	87.5	2.5	7.5	2.5	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	20,552	66.7	22.57	9.22	0.22	-	1.3
Lentils	9,651	79.44	10.56	10	-	-	-
Vetch	58,250	76.85	14.79	6.35	-	-	2.02
Soya beans	-	-	-	-	-	-	-
Fenugreek	329	90.22	8.11	1.67	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	3,732	74.56	10.31	13.19	1.94	-	-
Neug	-	-	-	-	-	-	-
Linseed	3,716	76.4	10.31	11.29	2	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	16	10	10	80	-	-	-
<b>Vegetables</b>	25,678	70.91	2.73	23.94	-	-	2.42
Lettuce	107	100	-	-	-	-	-
Head cabbage	1,392	5	-	95	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	13,038	47.73	8.18	43.18	-	-	0.91
Green peppers	4,262	75.71	-	21.43	-	-	2.86
Red peppers	6,880	85	-	8.75	-	-	6.25
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	5,523	74.23	0.61	24.53	-	-	0.63
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	2,952	82.12	0.88	16.4	-	-	0.6
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	2,571	88.61	0.09	11.3	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	11,753	80.4	0.25	17.27	-	-	2.07
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	895	66.92	-	31.54	-	-	1.54
Lemons	43	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	31	85	-	15	-	-	-
Papayas	8	100	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	10,775	82.05	0.32	15.26	-	-	2.37
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

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
<b>Grain Crops</b>	3,455,232	64.81	13.99	16.35	0.39	0.13	4.35
<b>Cereals</b>	3,190,850	65.89	14.81	13.65	0.5	0.16	5
Teff	683,269	60.62	12.03	21.54	0.12	0.01	5.68
Barley	830,505	65.06	18.73	9.79	0.77	0.24	5.4
Wheat	1,009,084	62.49	20.14	12.21	0.71	0.05	4.4
Maize	118,295	81.99	7.12	8.13	0.25	0.45	2.06
Sorghum	538,173	65.23	7.45	18.34	0.47	0.11	8.39
Finger millet	6,221	68.21	16.79	13.93	-	-	1.07
Oats "Aja"	5,302	41.67	58.33	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	240,373	59.01	11	27.42	0.01	0.01	2.55
Horse beans white	59,185	63.11	10.15	24.41	-	-	2.33
Horse beans red	41,280	54.37	7.53	33.65	0.08	-	4.37
Field peas	2,213	82.31	8.08	9.62	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	25,242	58.47	7.5	32.56	-	-	1.47
Lentils	64,500	42.63	11.63	42.32	-	-	3.42
Vetch	46,664	65.69	18.54	13.58	-	0.1	2.08
Soya beans	-	-	-	-	-	-	-
Fenugreek	1,289	73.86	13.09	12.82	-	-	0.23
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	24,009	68.16	11.52	19.89	-	-	0.43
Neug	802	80.75	7.13	12.13	-	-	-
Linseed	21,230	64.62	13.4	21.41	-	-	0.58
Groundnuts	1,570	12.5	20	67.5	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	408	73.4	3.8	22.8	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	-	-	-	-	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

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		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	3,436,571	54.47	8.47	32.02	0.99	2.33	1.71
<b>Cereals</b>	2,906,021	72.04	8.63	12.68	1.19	3.34	2.11
Teff	85,272	61.03	10.88	26.19	1.54	0.05	0.3
Barley	39,364	69.86	15.54	12.84	0.68	-	1.08
Wheat	27,748	65.68	12.32	22	-	-	-
Maize	169,208	78.83	6.77	4.36	0.67	6.76	2.62
Sorghum	2,345,193	72.58	8.76	12.5	1.47	2.58	2.12
Finger millet	227,061	61.85	9.74	23.88	1.78	0.43	2.33
Oats "Aja"	-	-	-	-	-	-	-
Rice	12,175	74.5	6.2	17.8	-	-	1.5
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	19,590	68.22	7.47	19.88	1.25	-	3.18
Horse beans white	13,127	61.17	8.06	24.72	1.7	-	4.34
Horse beans red	2,505	56.67	7	36.33	-	-	-
Field peas	1,326	82.38	5.13	11.25	1.25	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	1,120	69	7.67	23.33	-	-	-
Lentils	1,512	90.1	7.4	-	-	-	2.5
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	510,959	6.4	8.21	84.46	0.42	0.05	0.45
Neug	28,439	31.22	7.89	59.78	0.19	0.09	0.83
Linseed	2,169	48.11	12.22	38.89	-	-	0.78
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	480,351	2.26	8.17	88.67	0.46	0.05	0.4
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	10,599	73.16	3.35	21.18	0.97	-	1.35
Lettuce	-	-	-	-	-	-	-
Head cabbage	121	50	2.5	47.5	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	630	100	-	-	-	-	-
Red peppers	9,848	79.34	4.14	13.48	1.27	-	1.76
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	8,916	60.37	6.39	31.48	0.37	0.19	1.2
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	8,916	59.47	6.6	31.91	0.43	0.21	1.38
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	16,764	60.16	1.4	35.06	-	-	3.37
Avocados	-	-	-	-	-	-	-
Bananas	282	57.5	-	42.5	-	-	-
Guavas	0	75.83	-	20	-	-	4.17
Lemons	3,300	57	2.63	37.74	-	-	2.63
Mangoes	26	51.67	-	48.33	-	-	-
Oranges	819	100	-	-	-	-	-
Papayas	417	93.33	-	-	-	-	6.67
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	11,921	55.98	1.51	38.46	-	-	4.05
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-



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		
<b>Grain Crops</b>	188,270	56.47	6.01	33.34	0.29	0.17	3.7
<b>Cereals</b>	187,984	56.91	6.09	32.8	0.3	0.18	3.73
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	172,234	67.9	5.18	20.28	0.21	0.31	6.12
Sorghum	15,751	52.27	6.23	40.29	0.33	-	0.88
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	173	35	-	62	-	-	3
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	173	35	-	62	-	-	3
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	113	-	-	100	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	113	-	-	100	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	-	-	-	-	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Geshe)	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.2.1- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Zone 1

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		Others
		Household Consumption	Seed		Wages In kind	Animal Feed	
<b>Grain Crops</b>	102,795	66.8	4.13	23.06	0.39	0.14	5.49
<b>Cereals</b>	102,509	68.75	4.31	20.75	0.4	0.15	5.64
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	101,323	66.97	4.52	22.38	0.45	0.17	5.52
Sorghum	1,187	82.17	3	7.83	-	-	7
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	173	35	-	62	-	-	3
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	173	35	-	62	-	-	3
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	113	-	-	100	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	113	-	-	100	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	-	-	-	-	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Geshe)	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.2.2- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Zone 3

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		Others
		Household Consumption	Seed		Wages In kind	Animal Feed	
<b>Grain Crops</b>	85,475	51.96	6.84	37.84	0.25	0.19	2.93
<b>Cereals</b>	85,475	51.96	6.84	37.84	0.25	0.19	2.93
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	70,911	68.7	5.74	18.49	-	0.43	6.64
Sorghum	14,564	48	6.69	44.93	0.38	-	-
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	-	-	-	-	-	-	-
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	-	-	-	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	-	-	-	-	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

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
<b>Grain Crops</b>	81,557,675	62.16	12.52	19.63	1.08	0.21	4.41
<b>Cereals</b>	67,092,637	67.53	12.01	14.1	1.19	0.16	5
Teff	17,137,973	57.6	10.73	23.77	1.33	0.04	6.53
Barley	5,887,666	65.69	19.38	8.25	0.98	0.31	5.39
Wheat	11,199,913	63.72	17.23	12.21	0.92	0.09	5.84
Maize	15,984,750	80.36	6.5	9.54	0.92	0.26	2.43
Sorghum	11,350,114	73.25	9.75	9.95	1.17	0.16	5.72
Finger millet	4,618,395	71.28	10.06	11.54	2.73	0.17	4.22
Oats “Aja”	60,965	67.9	19.36	9.06	0.52	0.09	3.08
Rice	772,221	54.8	15.54	22.31	3.5	0.1	3.75
Masho	80,640	9.53	10.04	75.11	1.33	-	3.98
<b>Pulses</b>	12,144,735	56.15	15.07	23.44	0.95	0.32	4.08
Horse beans white	4,024,361	65.74	14.72	14.97	1.1	0.03	3.44
Horse beans red	1,345,505	59.94	16.46	17.77	0.9	0.02	4.92
Field peas	654,872	54.74	12.3	27.6	0.82	0.68	3.87
Haricot beans	601,302	52.68	13.65	28.25	1.96	0.05	3.42
Chick – peas	2,208,373	57.96	14.76	21.24	0.98	0.06	5
Lentils	798,120	32.84	19.39	43.24	0.41	0.14	3.98
Vetch	1,899,065	50.15	15.38	25.5	1.02	2.08	5.86
Soya beans	53,104	35	14.47	36.47	2.21	11.84	-
Fenugreek	329,578	51.32	11.91	34.96	0.13	0.03	1.66
Gibto	230,455	41.09	11.14	42.81	0.91	0.31	3.74
<b>Oilseeds</b>	2,320,303	48.94	9.34	38.54	0.78	0.2	2.19
Neug	617,965	37.61	10.25	47.92	0.97	0.15	3.11
Linseed	220,023	63.33	13.25	20.17	0.62	-	2.63
Groundnuts	26,763	39.87	11.43	44.55	0.33	-	3.82
Safflower	68,003	60.09	8.13	27.39	0.73	1.1	2.56
Sesame	1,005,906	27.54	9.94	59.24	1.51	-	1.76
Rapeseed	381,643	55.1	4.94	38.51	0.31	0.12	1.03
<b>Vegetables</b>	924,712	81.58	1.45	15.15	0.56	-	1.27
Lettuce	-	-	-	-	-	-	-
Head cabbage	37,935	62.49	1.03	35.54	0.43	-	0.5
Ethiopian cabbage	86,163	86.46	1.67	10.36	0.11	-	1.39
Tomatoes	17,413	72.08	0.38	24.09	-	-	3.46
Green peppers	95,159	79.84	0.7	17.96	0.53	-	0.97
Red peppers	687,508	83	1.66	13.29	0.76	-	1.29
Swiss chard	534	84.51	1.22	14.27	-	-	-
<b>Root Crops</b>	5,635,387	67.04	11.6	20.01	0.3	0.01	1.03
Beetroot	7,404	54.8	2.2	42.41	-	0.17	0.42
Carrot	9,751	56.76	-	42.84	-	-	0.41
Onion	1,141,499	50.9	4.32	41.95	0.14	0.08	2.61
Potatoes	3,529,616	76.11	10.72	11.36	0.62	0.01	1.17
Yam	-	-	-	-	-	-	-
Garlic	891,846	66.28	14.05	18.74	0.22	-	0.71
Taro / ‘Godere’	-	-	-	-	-	-	-
Sweet potatoes	55,272	90	0.21	8.54	-	-	1.25
<b>Permanent crops</b>	1,552,246	56.16	0.65	41.2	0.12	0.05	1.82
Avocados	-	-	-	-	-	-	-
Bananas	21,881	35.98	0.08	63.48	-	-	0.46
Guavas	2,716	61.09	-	37.81	-	-	1.1
Lemons	23,093	28.96	2.57	65.85	-	-	2.62
Mangoes	28,263	43.48	1.48	54.11	-	-	0.93
Oranges	104,180	36.76	2.21	59.44	-	-	1.59
Papayas	9,068	55.43	1.84	41.32	-	-	1.41
Pineapples	-	-	-	-	-	-	-
Chat	46,175	15.76	0.95	80.52	0.03	0.13	2.61
Coffee	25,155	70.87	0.13	27.64	0.27	-	1.09
Hops (Gesho)	165,582	67.01	0.47	30.55	0.15	0.01	1.82
Sugar cane	1,126,133	32.88	1.42	59.63	-	1.04	5.04
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.3.1- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

North Gonder							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	15,852,903	60.07	9.71	24.81	1.95	0.31	3.15
<b>Cereals</b>	12,965,753	67.46	10.06	17.06	1.91	0.25	3.26
Teff	2,265,054	53.91	9.39	30.18	2.37	-	4.15
Barley	1,076,445	65.83	13.45	14.48	2.57	0.11	3.56
Wheat	1,679,307	60.98	14.09	17.96	2.11	0.15	4.71
Maize	2,177,322	75.65	7.64	12.75	0.92	0.7	2.34
Sorghum	4,049,543	71.58	9.82	13	2.1	0.17	3.35
Finger millet	1,649,470	70.49	9.76	15.55	2.01	0.12	2.06
Oats "Aja"	5,121	60.17	7.33	24.17	8.33	-	-
Rice	63,492	80.25	4.44	11	0.06	-	4.25
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	1,972,734	52.64	10.14	30.84	1.74	0.71	3.93
Horse beans white	524,684	62.06	9.6	23.92	2.01	0.02	2.39
Horse beans red	204,585	55.73	9.94	28.9	1.22	-	4.22
Field peas	23,879	56.15	4.64	38.3	0.61	-	0.3
Haricot beans	-	-	-	-	-	-	-
Chick – peas	774,357	55.73	10.37	26.21	1.21	-	6.48
Lentils	112,632	16.67	18.94	59.04	1.9	-	3.45
Vetch	131,127	26.14	8.14	41.26	2.09	10.4	11.98
Soya beans	-	-	-	-	-	-	-
Fenugreek	201,471	24.17	10.67	63.5	-	-	1.67
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	914,416	33.69	7.29	55.11	2.5	-	1.4
Neug	132,261	19.51	6.55	70.64	1.62	-	1.69
Linseed	67,974	54.68	10.23	29.49	3.33	-	2.28
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	714,182	6.01	8.38	81.77	3.4	-	0.45
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	145,500	81.35	2.81	15.06	0.1	-	0.67
Lettuce	-	-	-	-	-	-	-
Head cabbage	1,174	40	-	60	-	-	-
Ethiopian cabbage	16,792	100	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	31,011	57.1	3.1	38.07	-	-	1.72
Red peppers	96,523	82.68	3.21	13.32	0.12	-	0.66
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	1,151,118	67.77	6.34	24.59	0.7	0.03	0.58
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	316,617	10.26	0.87	85.61	0.74	-	2.52
Potatoes	572,916	88.64	2.27	7.55	0.64	0.08	0.81
Yam	-	-	-	-	-	-	-
Garlic	259,143	59.97	9.63	29.38	0.77	-	0.25
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	2,442	100	-	-	-	-	-
<b>Permanent crops</b>	26,921	48.09	1.01	50.69	-	-	0.21
Avocados	-	-	-	-	-	-	-
Bananas	2,258	21.25	2.5	76.25	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	4,475	8.08	7.69	84.23	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	1,213	26.92	-	73.08	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	2,800	44.48	-	55.35	-	-	0.16
Hops (Gesho)	16,175	57	0.65	42.07	-	-	0.28
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

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
<b>Grain Crops</b>	8,346,081	61.59	12.45	22.43	0.56	0.01	2.96
<b>Cereals</b>	6,581,208	68.58	13.07	13.93	0.76	0.01	3.65
Teff	2,316,550	65	12.98	17.91	0.86	0.01	3.24
Barley	549,666	67.9	14.14	10.8	0.39	-	6.78
Wheat	1,395,032	66.83	15.35	13.86	0.19	-	3.78
Maize	885,674	77.26	9.64	10.02	0.73	0.03	2.33
Sorghum	368,356	75.53	12.21	9.21	1.44	-	1.61
Finger millet	389,619	70.95	11.76	12.28	1.73	-	3.28
Oats "Aja"	1,814	66	22	12	-	-	-
Rice	674,497	48.48	17.02	30.08	2.03	0.15	2.25
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	1,523,339	57.27	13.27	26.59	0.34	0.02	2.51
Horse beans white	385,732	69.75	12.27	16.04	0.41	-	1.53
Horse beans red	176,152	67.16	13.45	16.06	0.48	-	2.86
Field peas	60,434	39.32	14.66	43.13	0.26	-	2.63
Haricot beans	91,100	29.3	15.93	53.07	-	-	1.7
Chick – peas	160,370	63.55	13.67	20.33	0.26	-	2.18
Lentils	42,864	22.92	12.54	60.52	-	-	4.02
Vetch	552,963	53.84	15.31	26.68	0.55	0.11	3.51
Soya beans	-	-	-	-	-	-	-
Fenugreek	2,326	26.35	6.9	62.75	-	-	4
Gibto	51,397	50.64	9.96	37.06	-	-	2.34
<b>Oilseeds</b>	241,535	41.75	8.02	49.01	0.2	-	1.03
Neug	105,947	22.5	9.66	66.37	0.4	-	1.07
Linseed	52,127	59.19	10.48	29.5	-	-	0.83
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	3,207	32	11.32	52.74	0.53	-	3.42
Rapeseed	80,255	38.54	3.64	56.92	0.16	-	0.73
<b>Vegetables</b>	46,596	81.36	2.52	15.14	0.41	-	0.56
Lettuce	-	-	-	-	-	-	-
Head cabbage	107	66	-	34	-	-	-
Ethiopian cabbage	519	99.67	-	-	-	-	0.33
Tomatoes	-	-	-	-	-	-	-
Green peppers	4,348	77.88	1.41	19.53	-	-	1.18
Red peppers	41,295	80.31	3.32	15.22	0.57	-	0.57
Swiss chard	328	83.57	-	16.43	-	-	-
<b>Root Crops</b>	1,166,498	72.76	13.18	13.19	0.08	-	0.79
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	1,068,712	81.12	13.26	5.08	0.12	-	0.43
Yam	-	-	-	-	-	-	-
Garlic	97,621	69.02	13.49	16.45	0.06	-	0.98
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	165	95	-	-	-	-	5
<b>Permanent crops</b>	59,664	63.65	0.13	33.72	0.43	-	2.08
Avocados	-	-	-	-	-	-	-
Bananas	23	3.33	-	88.33	-	-	8.33
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	122	100	-	-	-	-	-
Papayas	30	16.5	-	83.5	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	346	0.19	-	99.81	-	-	-
Coffee	31	73.89	0.56	25.56	-	-	-
Hops (Gesho)	12,223	69.03	0.12	28.09	0.49	-	2.26
Sugar cane	46,889	6.67	-	91.67	-	-	1.67
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.3.3- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

North Wolo							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	3,927,002	66.31	14.14	12.91	0.08	0.22	6.34
<b>Cereals</b>	3,130,038	71.01	14.01	7.79	0.08	0.05	7.05
Teff	863,692	63.43	10.59	14.56	0.07	-	11.35
Barley	799,436	69.31	18.51	5.13	0.02	0.21	6.82
Wheat	652,067	68.51	16.9	6.63	0.2	-	7.75
Maize	120,928	87.57	9.39	1.79	-	-	1.24
Sorghum	667,539	72.65	10.91	10.13	0.14	-	6.18
Finger millet	11,676	71.78	14.31	6.25	-	-	7.66
Oats "Aja"	14,702	70.7	24.61	2.88	-	-	1.82
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	753,863	57.2	14.96	21.56	0.05	0.49	5.74
Horse beans white	262,470	69.05	13.98	10.17	0.2	-	6.6
Horse beans red	166,555	58.65	15.85	19.1	-	-	6.39
Field peas	66,503	36.75	15.97	31.4	-	6.62	9.26
Haricot beans	24,305	61.32	21.27	11.64	-	-	5.77
Chick – peas	107,628	65.15	11.3	15.3	-	0.17	8.07
Lentils	75,106	37.75	17.92	41.31	-	-	3.02
Vetch	30,165	67.69	15.79	12.31	-	-	4.21
Soya beans	-	-	-	-	-	-	-
Fenugreek	21,131	51.23	11.61	36.68	-	-	0.48
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	43,101	66.66	12.33	16.6	0.13	0.33	3.95
Neug	6,929	57.92	14.05	22.22	-	1.69	4.12
Linseed	22,246	70.42	13.06	11.69	0.25	-	4.57
Groundnuts	-	-	-	-	-	-	-
Safflower	6,817	66.48	8.12	22.07	-	-	3.33
Sesame	6,758	58.1	11.66	27.48	-	-	2.76
Rapeseed	352	81.67	10.58	7.75	-	-	-
<b>Vegetables</b>	51,143	81.23	1.8	15.32	0.09	-	1.56
Lettuce	-	-	-	-	-	-	-
Head cabbage	1,414	65.77	-	34	-	-	0.23
Ethiopian cabbage	18,567	83.48	2.61	12.93	0.18	-	0.8
Tomatoes	15,117	72.22	-	27.78	-	-	-
Green peppers	1,877	83.5	-	16.5	-	-	-
Red peppers	14,169	84.14	1.6	10.89	-	-	3.37
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	248,184	58.08	12.2	27.21	0.13	-	2.38
Beetroot	-	-	-	-	-	-	-
Carrot	345	51.67	-	48.33	-	-	-
Onion	59,382	37.59	3.69	53.04	-	-	5.69
Potatoes	111,516	72.74	6.71	18.76	0.51	-	1.28
Yam	-	-	-	-	-	-	-
Garlic	50,507	56.4	17.6	23.95	-	-	2.05
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	26,435	82	-	8	-	-	10
<b>Permanent crops</b>	72,727	57.83	0.31	40.13	0.23	0.06	1.44
Avocados	-	-	-	-	-	-	-
Bananas	7,099	37.24	-	62.76	-	-	-
Guavas	1,315	45.45	-	54.55	-	-	-
Lemons	1	25	-	60	-	-	15
Mangoes	796	30	-	70	-	-	-
Oranges	5,407	31.25	-	68.75	-	-	-
Papayas	705	100	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	19	11	5	82.5	-	-	1.5
Coffee	2,305	76.5	-	21.43	1.07	-	1
Hops (Gesho)	6,385	62.19	-	36.08	-	-	1.73
Sugar cane	48,695	53.2	-	38.8	-	2	6
<b>Enset</b>	-	-	-	-	-	-	-

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
<b>Grain Crops</b>	7,406,303	62.88	17.79	13.17	0.48	0.17	5.51
<b>Cereals</b>	5,696,164	69.41	16.93	6.69	0.48	0.09	6.4
Teff	1,768,154	70.44	9.96	10.09	0.35	-	9.16
Barley	708,283	61.78	27.99	4.58	0.64	0.13	4.88
Wheat	1,905,900	64.74	21.35	6.17	0.48	0.09	7.17
Maize	250,651	82.82	11.21	3.47	0.21	0.16	2.13
Sorghum	1,019,455	70.72	11.78	9.01	0.99	0.12	7.37
Finger millet	25,790	86.09	7.96	1.17	-	-	4.78
Oats "Aja"	17,824	75.33	17.24	5	-	0.3	2.12
Rice	-	-	-	-	-	-	-
Masho	107	99	1	-	-	-	-
<b>Pulses</b>	1,644,383	52.98	20.08	21.73	0.49	0.32	4.39
Horse beans white	375,458	66.33	21.11	9.71	0.24	0.05	2.56
Horse beans red	244,636	59.25	20.94	13.66	0.69	-	5.46
Field peas	201,353	33.84	13.64	47.9	1.03	-	3.58
Haricot beans	31,446	67.86	15.76	14.05	1.14	-	1.19
Chick – peas	251,067	57.66	21.18	14.51	1.29	-	5.36
Lentils	173,138	37.51	25.38	33.27	0.16	-	3.67
Vetch	308,378	46.54	19.66	21.7	-	2.56	9.55
Soya beans	-	-	-	-	-	-	-
Fenugreek	58,907	40.26	14.54	41.75	-	-	3.45
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	65,757	61.16	13	21.28	0.36	-	4.19
Neug	34,898	65.88	10.06	16.6	-	-	7.47
Linseed	9,190	59.1	20.84	16.23	1.1	-	2.74
Groundnuts	2,385	95	5	-	-	-	-
Safflower	3,552	47.59	6.53	45.88	-	-	-
Sesame	13,446	71.77	7.77	18.18	-	-	2.27
Rapeseed	2,284	42.94	8.65	48.41	-	-	-
<b>Vegetables</b>	53,025	82.81	1.39	12.2	0.55	-	3.05
Lettuce	-	-	-	-	-	-	-
Head cabbage	1,593	59.17	11.67	29.17	-	-	-
Ethiopian cabbage	10,108	81.52	0.38	13.04	0.36	-	4.71
Tomatoes	419	65.26	1.05	27.79	-	-	5.89
Green peppers	5,404	83.21	1.25	13.04	-	-	2.5
Red peppers	35,295	87.59	1.09	8.13	0.96	-	2.23
Swiss chard	206	93.75	6.25	-	-	-	-
<b>Root Crops</b>	218,454	59.66	19.51	19.25	0.46	-	1.11
Beetroot	303	67	-	29	-	-	4
Carrot	4,009	41.82	-	57.27	-	-	0.91
Onion	6,581	52	1.07	43	-	-	3.93
Potatoes	83,614	70.53	10.29	16	1.11	-	2.07
Yam	-	-	-	-	-	-	-
Garlic	121,356	58.44	23.66	16.77	0.4	-	0.74
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	2,591	100	-	-	-	-	-
<b>Permanent crops</b>	230,316	45.98	1.01	48.74	-	0.32	3.94
Avocados	-	-	-	-	-	-	-
Bananas	925	46.43	-	53.57	-	-	-
Guavas	73	58.91	-	40	-	-	1.09
Lemons	1,964	35	-	65	-	-	-
Mangoes	1,517	25	-	70	-	-	5
Oranges	81,953	37.97	2.34	57.34	-	-	2.34
Papayas	6	71.88	-	28.13	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	28,643	22.81	1.62	72.2	-	0.48	2.9
Coffee	8,729	68.72	0.6	29.39	-	-	1.29
Hops (Gesho)	6,146	53.67	0.97	36.41	-	-	8.95
Sugar cane	100,361	28.33	-	64.38	-	3.13	4.17
<b>Enset</b>	-	-	-	-	-	-	-



TABLE 1.3.5- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

North Shewa							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	10,872,100	59.75	14.12	20.52	0.28	0.47	4.85
<b>Cereals</b>	8,637,127	62.52	12.28	18.57	0.31	0.24	6.09
Teff	2,078,042	46.05	9.5	38.29	0.4	0.05	5.7
Barley	1,200,912	67.25	19.23	6.39	0.07	0.18	6.88
Wheat	1,841,948	62.86	18.3	10.48	0.57	-	7.8
Maize	311,286	88.62	6.4	0.83	-	0.53	3.62
Sorghum	3,134,701	67.01	7.99	17.12	0.46	0.58	6.84
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	4,482	-	100	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	65,757	6	10.36	82.53	-	-	1.11
<b>Pulses</b>	2,141,646	53.18	18.12	24.48	0.3	0.58	3.34
Horse beans white	877,853	66.99	17.88	11.19	0.49	0.06	3.39
Horse beans red	143,040	59.58	21.31	15.44	0.33	0.1	3.25
Field peas	17,368	64.8	8.4	25.6	-	-	1.2
Haricot beans	29,182	79.57	10.87	8.26	-	0.22	1.09
Chick – peas	543,602	53.28	18.19	24.72	0.37	0.03	3.41
Lentils	340,611	28.04	18.99	48.16	-	0.56	4.25
Vetch	150,704	25.29	25.08	38.22	-	7.13	4.29
Soya beans	-	-	-	-	-	-	-
Fenugreek	39,287	49.14	13.57	34.31	0.51	0.1	2.37
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	93,327	67.32	10.73	18.04	-	1.7	2.21
Neug	9,109	71.19	8.66	19.69	-	-	0.47
Linseed	35,524	69.43	11.32	17.34	-	-	1.91
Groundnuts	-	-	-	-	-	-	-
Safflower	14,064	57.76	8.5	19.04	-	8.6	6.1
Sesame	31,623	65.35	13.4	20.19	-	-	1.05
Rapeseed	3,007	80.75	9.25	10	-	-	-
<b>Vegetables</b>	80,101	83.02	1.89	14.24	-	-	0.86
Lettuce	-	-	-	-	-	-	-
Head cabbage	7,233	51.67	2.5	45.42	-	-	0.42
Ethiopian cabbage	35,642	85.52	2.04	11.52	-	-	0.91
Tomatoes	28	67.93	-	31.73	-	-	0.33
Green peppers	22,645	70	0.54	28.75	-	-	0.71
Red peppers	14,553	93.25	2.93	2.7	-	-	1.12
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	894,481	64.45	9.2	24.92	-	0.05	1.39
Beetroot	1,419	67.3	3	29.7	-	-	-
Carrot	239	91.67	-	8.33	-	-	-
Onion	700,124	55.56	3.1	38.69	-	0.16	2.49
Potatoes	50,036	83.88	7.99	7.09	-	-	1.04
Yam	-	-	-	-	-	-	-
Garlic	136,632	64.78	13.75	20.58	-	-	0.88
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	6,032	78.75	-	20.63	-	-	0.63
<b>Permanent crops</b>	108,623	54.28	0.76	40.49	0.03	0.06	4.39
Avocados	-	-	-	-	-	-	-
Bananas	3,911	41.18	-	57.65	-	-	1.18
Guavas	-	-	-	-	-	-	-
Lemons	11,707	17.35	5.29	72.65	-	-	4.71
Mangoes	966	30	-	70	-	-	-
Oranges	9,201	38.25	4	53.75	-	-	4
Papayas	725	65.91	-	28.64	-	-	5.45
Pineapples	-	-	-	-	-	-	-
Chat	234	4.06	-	87.34	0.31	-	8.28
Coffee	1,152	73.22	-	25.09	-	-	1.69
Hops (Gesho)	8,953	60.94	0.63	33.23	-	0.05	5.15
Sugar cane	71,773	41.67	0.67	49.4	-	1	7.27
<b>Enset</b>	-	-	-	-	-	-	-

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
<b>Grain Crops</b>	12,484,367	62.13	10.94	21.69	1.91	0.15	3.16
<b>Cereals</b>	10,009,415	67.63	10.45	16.25	1.79	0.15	3.73
Teff	4,259,470	55.66	9.68	26.7	2.34	-	5.63
Barley	766,554	74.04	15.33	7.56	1.08	-	1.99
Wheat	2,527,985	60.87	15.51	17.3	1.59	0.17	4.56
Maize	1,731,088	83.58	3.42	9.7	0.88	0.48	1.95
Sorghum	710,131	73.74	6.64	10.21	6.22	-	3.21
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	14,188	70.36	16.07	13.57	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	2,202,387	53.96	13.11	27.68	2.44	0.21	2.6
Horse beans white	992,898	63.09	12.12	20.53	1.86	-	2.4
Horse beans red	272,364	56.55	12.43	26.2	2.14	-	2.68
Field peas	184,585	13.88	18.79	59.16	4.64	-	3.53
Haricot beans	177,596	49.37	17	28.78	2.49	-	2.35
Chick – peas	94,137	49.97	15.05	31.93	2.2	-	0.85
Lentils	34,734	32.91	12.91	43.25	6.25	-	4.69
Vetch	397,814	52.15	13.07	26.78	3.02	1.42	3.56
Soya beans	-	-	-	-	-	-	-
Fenugreek	4,982	61.8	8.2	30	-	-	-
Gibto	43,277	27.71	8.48	57.14	3.81	-	2.86
<b>Oilseeds</b>	272,565	55.89	7.14	34.28	1	-	1.69
Neug	147,828	50.4	6.98	37.58	1.54	-	3.51
Linseed	15,331	46.8	10.14	41.06	-	-	2
Groundnuts	517	87.64	12.36	-	-	-	-
Safflower	11,231	53.38	3	28	15.63	-	-
Sesame	53,850	16.26	8.52	74.16	1.06	-	-
Rapeseed	43,809	65.38	6.09	26.95	0.3	-	1.27
<b>Vegetables</b>	74,759	83.94	0.07	14.1	1.44	-	0.46
Lettuce	-	-	-	-	-	-	-
Head cabbage	15,201	66.08	-	32.57	1.35	-	-
Ethiopian cabbage	302	100	-	-	-	-	-
Tomatoes	483	82	-	18	-	-	-
Green peppers	18,235	81.83	-	16.74	0.71	-	0.71
Red peppers	40,538	94.49	0.16	2.59	2.26	-	0.49
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	942,306	59.65	13.53	25.57	0.59	0.02	0.64
Beetroot	4,940	52.62	3.85	42.96	-	0.38	0.19
Carrot	5,159	47.5	-	52.5	-	-	-
Onion	30,621	66.22	6.87	25.96	0.73	-	0.22
Potatoes	781,340	56.56	18.93	21.85	1.07	-	1.59
Yam	-	-	-	-	-	-	-
Garlic	120,247	61.07	13.32	24.97	0.38	-	0.25
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	146,078	67.75	0.75	30.97	0.3	-	0.23
Avocados	-	-	-	-	-	-	-
Bananas	659	23	-	77	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	6	100	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	270	59.44	-	40.56	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	391	6.25	-	93.75	-	-	-
Coffee	1,011	73.48	-	24.13	-	-	2.39
Hops (Gesho)	53,197	72.4	0.76	26.36	0.36	-	0.12
Sugar cane	90,545	42.22	5.56	52.22	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.3.7- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

West Gojam							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	14,014,402	59.44	10.36	23.59	2.02	0.15	4.44
<b>Cereals</b>	12,309,586	63.46	9.77	19.33	2.32	0.12	5
Teff	2,018,743	50.4	10.49	29.9	2.53	-	6.67
Barley	391,266	49.92	32.23	11.22	2.79	0.71	3.12
Wheat	750,151	61.99	16.31	15.82	0.63	0.02	5.23
Maize	7,807,660	72.28	2.23	19.98	2.01	0.02	3.48
Sorghum	83,201	67.93	10.31	9.48	5.41	-	6.86
Finger millet	1,233,521	72.3	9.16	9.22	2.67	0.3	6.35
Oats "Aja"	-	-	-	-	-	-	-
Rice	25,044	55.83	21.08	5.83	17.25	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	1,351,076	59.18	12.66	21.81	1.56	0.29	4.49
Horse beans white	403,629	68.37	12.46	14.4	2.01	-	2.76
Horse beans red	65,827	63.85	15.82	14.14	1.67	-	4.52
Field peas	48,800	38.39	7.68	49	-	-	4.94
Haricot beans	225,145	23.96	13.51	54.24	2.13	-	6.17
Chick – peas	234,657	59.96	11.09	20.49	1.33	-	7.13
Lentils	164	30	70	-	-	-	-
Vetch	327,052	64.73	9.04	17.32	0.89	-	8.02
Soya beans	4,018	-	21.67	3.33	-	75	-
Fenugreek	717	70.92	12.15	16.92	-	-	-
Gibto	41,069	54.92	14.97	26.19	-	-	3.92
<b>Oilseeds</b>	353,741	40.06	8.67	48.24	1.44	-	1.58
Neug	107,690	24.17	12.78	58.09	2.79	-	2.16
Linseed	5,614	61.07	21.07	14.29	-	-	3.57
Groundnuts	3,253	54	23	23	-	-	-
Safflower	7,623	50	-	50	-	-	-
Sesame	62,228	8.13	9.21	72.88	9.79	-	-
Rapeseed	167,334	46.17	5.75	46.41	0.33	-	1.34
<b>Vegetables</b>	334,026	85.1	0.97	13.13	0.46	-	0.34
Lettuce	-	-	-	-	-	-	-
Head cabbage	7,371	71.44	-	28.56	-	-	-
Ethiopian cabbage	1,334	100	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	7,082	96.18	-	3.82	-	-	-
Red peppers	318,239	85.58	1.1	12.41	0.52	-	0.39
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	419,503	75.96	9.55	13.46	0.52	-	0.51
Beetroot	717	51.57	-	48.43	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	22,445	56.15	9.5	34.35	-	-	-
Potatoes	329,871	64.02	12.93	17.82	2.92	-	2.31
Yam	-	-	-	-	-	-	-
Garlic	66,196	82.01	9.34	8.51	-	-	0.13
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	275	100	-	-	-	-	-
<b>Permanent crops</b>	594,113	65.38	0.01	33.92	0.09	-	0.6
Avocados	-	-	-	-	-	-	-
Bananas	1,937	50.87	-	49.13	-	-	-
Guavas	869	65	-	35	-	-	-
Lemons	780	74	-	22	-	-	4
Mangoes	16,548	73.09	-	26.91	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	1,179	70.63	-	28.13	-	-	1.25
Pineapples	-	-	-	-	-	-	-
Chat	9,366	2.83	-	97.17	-	-	-
Coffee	4,207	85.52	-	13.56	0.93	-	-
Hops (Gesho)	60,195	74.58	0.01	25.01	-	-	0.4
Sugar cane	499,034	21.94	-	69.24	-	-	8.82
<b>Enset</b>	-	-	-	-	-	-	-

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
<b>Grain Crops</b>	1,375,572	61.4	16.41	15.44	0.22	0.34	6.19
<b>Cereals</b>	1,061,352	69.64	14.85	8.1	0.27	0.48	6.65
Teff	288,756	67.31	13.34	10.86	0.38	0.17	7.94
Barley	198,195	59.14	20.34	10.56	0.33	1.2	8.43
Wheat	95,694	57.65	21.19	13.04	0.22	0.59	7.31
Maize	47,528	85.9	11.22	1.36	0.04	0.38	1.1
Sorghum	429,560	73.09	11.81	6.47	0.34	0.25	8.04
Finger millet	1,619	69.29	11.14	6.43	-	-	13.14
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	204,256	55.23	20.31	17.21	0.17	0.12	6.97
Horse beans white	100,318	54.11	22.1	14.11	0.13	0.28	9.27
Horse beans red	32,994	51.86	22.17	15.76	0.08	0.05	10.08
Field peas	42,475	70.56	17.85	7.05	0.18	0.05	4.3
Haricot beans	3,583	80.83	12.5	6.67	-	-	-
Chick – peas	5,038	59.5	19.23	18.32	1.14	-	1.82
Lentils	18,435	35.67	19.6	39.2	0.12	0.06	5.36
Vetch	862	75	25	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	550	68.44	14.61	16.94	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	109,965	40.17	15.97	40.42	0.11	0.17	3.17
Neug	2,659	43.76	29.34	25.17	-	-	1.72
Linseed	8,648	57.41	17.89	20.5	0.05	-	4.15
Groundnuts	-	-	-	-	-	-	-
Safflower	9,564	55.49	13.08	27.38	-	0.74	3.31
Sesame	89,094	13.71	12.69	70.76	0.27	-	2.57
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	481	71.58	-	23.16	-	-	5.26
Lettuce	-	-	-	-	-	-	-
Head cabbage	182	62	-	28	-	-	10
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	180	62.5	-	37.5	-	-	-
Red peppers	119	84	-	16	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	28,283	74.71	15.88	9.14	-	-	0.27
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	21,882	89.79	8.79	1.41	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	6,375	64.92	20.47	14.12	-	-	0.49
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	27	100	-	-	-	-	-
<b>Permanent crops</b>	8,027	21.76	5.29	67.65	-	-	5.29
Avocados	-	-	-	-	-	-	-
Bananas	661	26.67	-	73.33	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	18	22	-	78	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	5	20	-	80	-	-	-
Sugar cane	7,344	12	18	56	-	-	14
<b>Enset</b>	-	-	-	-	-	-	-

1.3.9- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

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Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	6,013,541	63.03	9.71	19.47	3.36	0.33	4.1
<b>Cereals</b>	5,512,616	68.02	10.06	13.32	3.73	0.34	4.53
Teff	1,090,835	63.12	12.62	13.44	3.55	0.28	6.99
Barley	192,523	63.94	16.58	9.37	3.98	1.33	4.8
Wheat	345,562	62.03	17.27	12.23	4.76	-	3.71
Maize	2,503,665	76.1	3.19	14.98	2.59	0.22	2.92
Sorghum	64,118	33.33	10	48.33	-	-	8.33
Finger millet	1,306,624	67.45	10.43	12.64	5.29	0.22	3.97
Oats "Aja"	103	78	18.33	-	3.67	-	-
Rice	9,188	63.33	11.67	8.33	5.67	-	11
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	313,529	58.02	12.7	19.59	4.16	0.27	5.25
Horse beans white	99,093	69.33	13.06	9.5	4.05	-	4.06
Horse beans red	34,746	67.44	14.71	7.51	3.65	-	6.68
Field peas	1,669	78.58	13	-	5.67	-	2.75
Haricot beans	11,738	63.08	15.04	2.71	10.5	-	8.67
Chick - peas	22,284	44.47	14.26	22.32	8.58	1.32	9.05
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	49,087	0.83	8.33	83.83	7	-	-
Fenugreek	201	82.93	5.07	12	-	-	-
Gibto	94,712	27.91	10.8	54	1.2	0.89	5.2
<b>Oilseeds</b>	187,396	47.13	5.45	44.73	1.08	0.34	1.27
Neug	69,845	5.87	7.69	83.74	1.58	-	1.12
Linseed	2,024	74.83	12.92	5.83	2.5	-	3.92
Groundnuts	13,682	25	9.41	59.41	1.47	-	4.71
Safflower	2,830	51.67	6.67	41.67	-	-	-
Sesame	14,663	-	7.5	82	10.5	-	-
Rapeseed	84,353	66.02	3.55	28.44	0.54	0.55	0.9
<b>Vegetables</b>	129,919	57.78	0.47	35.99	3.01	-	2.75
Lettuce	-	-	-	-	-	-	-
Head cabbage	3,660	35	2.86	62.14	-	-	-
Ethiopian cabbage	1,866	100	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	2,167	96.06	-	3.94	-	-	-
Red peppers	122,227	51.27	0.42	41.07	3.79	-	3.45
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	562,922	77.74	10.09	11.08	0.34	-	0.74
Beetroot	25	10	-	90	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	3,952	47.86	15	37.14	-	-	-
Potatoes	508,734	77.47	13.12	7.6	-	-	1.82
Yam	-	-	-	-	-	-	-
Garlic	33,591	78.12	9.09	12.02	0.68	-	0.08
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	16,621	91.94	-	8.06	-	-	-
<b>Permanent crops</b>	142,343	62.03	1.32	36.36	0.02	-	0.27
Avocados	-	-	-	-	-	-	-
Bananas	1,358	46.38	-	53.63	-	-	-
Guavas	75	100	-	-	-	-	-
Lemons	2,006	68.33	-	30	-	-	1.67
Mangoes	3,801	26.86	12.86	60.29	-	-	-
Oranges	298	54	-	45.38	-	-	0.63
Papayas	3,428	40	30	30	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	2,796	76.21	-	23.71	0.08	-	-
Hops (Gesho)	2,304	64.89	1.3	33.4	-	-	0.41
Sugar cane	126,278	39.64	-	60.36	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

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
<b>Grain Crops</b>	1,144,778	67.28	7.52	20.37	0.15	0.01	4.66
<b>Cereals</b>	1,082,042	70.54	7.44	16.66	0.22	0.01	5.12
Teff	183,138	41.91	8.02	43.44	-	-	6.63
Barley	3,956	77.14	11.43	8.81	-	-	2.62
Wheat	5,975	84.17	7.5	-	-	-	8.33
Maize	133,416	87.26	6.14	3.58	0.04	0.04	2.93
Sorghum	742,901	79.81	7.67	5.93	0.19	-	6.4
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	1,772	73.33	7.5	19.17	-	-	-
Rice	-	-	-	-	-	-	-
Masho	10,884	18.69	8.5	66.86	2.38	-	3.57
<b>Pulses</b>	31,649	71.65	6.96	17.82	-	-	3.56
Horse beans white	2,216	82.5	8.33	5.83	-	-	3.33
Horse beans red	3,584	79.29	5.71	8.57	-	-	6.43
Field peas	3,816	88.39	5.42	5.55	-	-	0.65
Haricot beans	6,665	63.52	6.64	26.59	-	-	3.25
Chick – peas	15,096	59.76	5.38	25.81	-	-	9.05
Lentils	272	51.11	18	30.89	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	31,087	53.65	8.14	34.47	-	-	3.74
Neug	615	74.29	5	13.57	-	-	7.14
Linseed	1,277	81.79	5.54	12.68	-	-	-
Groundnuts	6,832	30.14	13.19	50.83	-	-	5.83
Safflower	10,444	61.18	8.32	27.67	-	-	2.83
Sesame	11,674	45	7.21	43.51	-	-	4.28
Rapeseed	245	45	-	42.5	-	-	12.5
<b>Vegetables</b>	8,651	83.23	0.04	10.9	1.22	-	4.62
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	1,001	93.89	-	0.56	-	-	5.56
Tomatoes	1,366	70	-	21.54	-	-	8.46
Green peppers	1,920	88.13	-	-	11.88	-	-
Red peppers	4,364	85.57	0.06	10.11	-	-	4.26
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	3,563	84.23	2.12	12.69	-	-	0.96
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	1,778	45	-	52	-	-	3
Potatoes	995	100	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	143	93.13	3.44	3.13	-	-	0.31
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	647	100	-	-	-	-	-
<b>Permanent crops</b>	163,175	36.28	0.92	60.54	-	-	2.26
Avocados	-	-	-	-	-	-	-
Bananas	3,005	17	-	82.25	-	-	0.75
Guavas	371	84.06	-	14.38	-	-	1.56
Lemons	2,084	34.43	-	62.36	-	-	3.21
Mangoes	4,587	41.82	-	56.36	-	-	1.82
Oranges	6,929	27.78	3.61	67.36	-	-	1.25
Papayas	1,762	55.95	2.38	40.86	-	-	0.81
Pineapples	-	-	-	-	-	-	-
Chat	7,119	20.23	0.83	75.56	-	-	3.38
Coffee	2,104	57.37	0.17	40.85	-	-	1.61
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	135,215	28.89	-	66.67	-	-	4.44
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.3.11- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Argoba Special Wereda

Type of Crop	Total Production (Quintal)	Percent		Utilized		For	
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	120,626	65.31	10.6	19.87	0.62	0.01	3.6
<b>Cereals</b>	107,338	67.23	10.94	17.03	0.72	0.02	4.06
Teff	5,540	32.54	11.69	51.31	-	-	4.46
Barley	431	60	32.17	4.38	3.46	-	-
Wheat	294	77.33	15.17	7.5	-	-	-
Maize	15,534	87.61	10.19	1.31	-	-	0.89
Sorghum	80,610	78.86	9.39	4.66	1.13	0.06	5.89
Finger millet	76	92.37	6.05	1.58	-	-	-
Oats "Aja"	960	48.44	19.06	18.13	-	-	14.38
Rice	-	-	-	-	-	-	-
Masho	3,892	5.64	10.78	76.2	1.54	-	5.84
<b>Pulses</b>	5,875	74.66	11.75	9.41	0.23	-	3.94
Horse beans white	10	70	30	-	-	-	-
Horse beans red	1,024	56.29	23.39	15	-	-	5.32
Field peas	3,991	80.78	6.91	8.49	0.3	-	3.52
Haricot beans	541	81.43	5.71	6.43	0.71	-	5.71
Chick – peas	138	65	35	-	-	-	-
Lentils	163	53.97	22.28	17.5	-	-	6.25
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	8	89.14	10.86	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	7,413	51.26	8.55	37.54	0.69	-	1.97
Neug	186	62.64	7.44	18.08	0.12	-	11.72
Linseed	69	76.77	12.71	9.48	-	-	1.04
Groundnuts	93	-	-	100	-	-	-
Safflower	1,878	56.94	6.28	35.25	1.32	-	0.21
Sesame	5,183	32.5	9.73	55.31	0.63	-	1.83
Rapeseed	5	53	3	44	-	-	-
<b>Vegetables</b>	511	93.83	0.53	4.69	-	-	0.95
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	34	100	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	291	97.3	0.74	-	-	-	1.96
Red peppers	186	92.09	0.51	6.72	-	-	0.69
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	75	83.64	9.09	5	-	-	2.27
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	37	90.56	6.67	2.78	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	39	30	10	60	-	-	-
<b>Permanent crops</b>	261	42.05	-	55.73	0.1	-	2.13
Avocados	-	-	-	-	-	-	-
Bananas	45	10	-	90	-	-	-
Guavas	14	35.18	-	61.36	-	-	3.45
Lemons	54	5.13	-	91.88	-	-	3
Mangoes	49	40.42	-	58.58	-	-	1
Oranges	-	-	-	-	-	-	-
Papayas	21	79.17	-	20.83	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	57	32.72	-	65.72	0.17	-	1.39
Coffee	21	73.25	-	22.75	0.25	-	3.75
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

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	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	125,380,837	61.12	13.39	21.28	0.53	0.47	3.22
<b>Cereals</b>	109,486,908	65.22	13.12	16.66	0.63	0.62	3.75
Teff	21,040,842	51.81	14.68	28.52	0.77	0.1	4.11
Barley	10,239,092	63.62	18.9	13.16	0.38	1.1	2.84
Wheat	23,028,514	56.73	18.4	20.56	0.43	0.17	3.72
Maize	35,954,090	73.88	8.58	12.49	0.59	0.9	3.55
Sorghum	16,739,209	74.36	10.03	10.5	0.73	0.76	3.62
Finger millet	1,826,899	70.05	11.19	9.98	1.37	0.66	6.76
Oats “Aja”	545,047	58.78	20.56	16.52	0.1	1.31	2.73
Rice	113,215	62.76	9.06	25.75	0.78	-	1.65
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	12,495,966	60.06	14.94	22.64	0.28	0.21	1.88
Horse beans white	4,591,221	62.95	15.67	18.09	0.23	0.08	2.99
Horse beans red	1,612,519	55.58	17.69	23.45	0.35	0.11	2.82
Field peas	1,210,597	64.51	11.38	22.76	0.42	0.08	0.86
Haricot beans	1,038,448	68.49	12.3	17.89	0.16	-	1.16
Chick – peas	1,797,008	49.44	17.22	31.56	0.37	0.02	1.39
Lentils	689,425	46.44	17.92	34.53	0.07	0.09	0.94
Vetch	1,127,142	47.81	16.57	31.98	0.27	2.85	0.52
Soya beans	310,074	34.41	13.17	47.61	2.48	-	2.32
Fenugreek	119,528	62.84	14.43	21.78	-	0.15	0.8
Gibto	4	60.71	7.86	29.29	-	0.71	1.43
<b>Oilseeds</b>	3,397,963	36.22	11.33	49.01	0.45	0.04	2.95
Neug	1,488,832	17.62	12.05	65.74	0.51	0.02	4.06
Linseed	593,460	47.64	14.24	35.99	0.11	0.1	1.93
Groundnuts	682,939	25.68	13.31	54.88	1.08	-	5.06
Safflower	14,548	62.96	10.14	21.76	0.14	-	5
Sesame	379,241	16.99	12.35	67.75	1.16	0.03	1.72
Rapeseed	238,943	57.23	7.4	33.35	0.15	0.05	1.83
<b>Vegetables</b>	3,242,740	75.86	0.9	21.37	0.1	0.03	1.74
Lettuce	509	72.5	-	27.21	-	-	0.29
Head cabbage	170,149	78.39	0.55	19.59	0.03	0.19	1.25
Ethiopian cabbage	1,338,924	82.4	0.74	15.03	0.06	*	1.77
Tomatoes	295,775	58.92	0.16	38.18	-	0.3	2.43
Green peppers	201,374	84.97	0.27	13.27	-	-	1.49
Red peppers	1,229,801	58.59	2.02	37.02	0.29	-	2.07
Swiss chard	6,209	71	-	28	-	-	1
<b>Root Crops</b>	16,402,537	70.99	9.25	18.2	0.06	0.3	1.21
Beetroot	107,589	77.01	0.62	21.59	-	-	0.77
Carrot	50,555	64.01	0.41	34.5	-	-	1.08
Onion	866,783	64.02	5.56	29.49	0.1	-	0.84
Potatoes	2,996,333	59.88	17.63	21.31	0.1	0.02	1.05
Yam	-	-	-	-	-	-	-
Garlic	525,971	63.72	15.6	20.02	0.02	-	0.64
Taro / ‘Godere’	1,239,598	85.73	8.37	4.8	0.03	0.07	0.99
Sweet potatoes	10,615,709	83.47	0.75	11.56	0.12	1.39	2.72
<b>Permanent crops</b>	8,915,075	54.16	0.48	41.28	0.38	0.45	3.25
Avocados	5,324	52.98	0.56	42.46	0.53	-	3.46
Bananas	887,013	55.58	0.43	41.09	0.06	0.34	2.5
Guavas	2,341	69.69	0.39	19.27	-	-	10.65
Lemons	2,188	52.16	-	37.22	-	-	10.62
Mangoes	327,121	61.42	0.32	32.45	0.08	0.13	5.61
Oranges	106,438	66.27	0.42	27.43	0.03	0.1	5.75
Papayas	123,898	73.27	-	23.44	-	-	3.28
Pineapples	38	67.37	0.53	30.53	-	-	1.58
Chat	1,581,226	31.83	0.45	62.28	0.38	*	5.05
Coffee	2,518,238	51.02	0.49	45.89	0.53	0.01	2.06
Hops (Gesho)	64,789	47.99	0.78	50.29	0.01	-	0.93
Sugar cane	3,296,461	45.31	1.27	44.28	0.28	5.36	3.5
<b>Enset</b>	15,686,510	84.51	0.37	10.66	0.88	1.38	2.2



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
<b>Grain Crops</b>	5,875,207	67.01	10.29	15.99	1.14	0.37	5.21
<b>Cereals</b>	5,458,554	72.74	10.73	8.46	1.18	0.56	6.33
Teff	416,149	65.63	13.86	9.67	1.33	0.03	9.47
Barley	15,683	76.42	11.13	7.14	1.89	0.94	2.48
Wheat	54,622	72.94	12.18	7.22	1.29	-	6.37
Maize	2,742,254	76.37	9.25	7.36	0.57	0.72	5.74
Sorghum	1,554,660	74.91	9.91	9.53	0.92	0.29	4.44
Finger millet	653,797	68.37	11.3	8.66	2.21	1.1	8.34
Oats “Aja”	1,373	92.5	7.5	-	-	-	-
Rice	20,017	20	20	60	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	125,865	73.94	10.13	11.86	1.35	-	2.72
Horse beans white	31,629	78.86	10.04	6.33	0.15	-	4.63
Horse beans red	7,726	76.97	9.34	6.8	2.3	-	4.59
Field peas	39,599	76.09	8.48	12.42	2.09	-	0.91
Haricot beans	30,143	74.2	11.52	10.5	0.34	-	3.45
Chick – peas	1,711	71.13	21.38	7.5	-	-	-
Lentils	28	90	10	-	-	-	-
Vetch	575	68.64	13.18	9.09	4.55	-	4.55
Soya beans	13,430	49.31	12.76	31.72	5.52	-	0.69
Fenugreek	1,025	59.69	9.06	31.25	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	290,788	37.15	8.68	50.1	0.73	-	3.34
Neug	186,364	16.09	10.27	66.37	1.05	-	6.22
Linseed	2,587	63.04	9.26	27.07	-	-	0.63
Groundnuts	9,117	45.24	9.52	45.24	-	-	-
Safflower	911	70	30	-	-	-	-
Sesame	46,646	6.76	11.62	76.89	2.57	-	2.16
Rapeseed	45,164	61.55	5.7	31.44	0.26	-	1.06
<b>Vegetables</b>	129,364	77.56	0.77	20.15	0.33	-	1.19
Lettuce	-	-	-	-	-	-	-
Head cabbage	975	83.86	-	16.14	-	-	-
Ethiopian cabbage	60,082	80.39	0.78	18.25	-	-	0.58
Tomatoes	-	-	-	-	-	-	-
Green peppers	19,278	90.75	0.22	6.99	-	-	2.04
Red peppers	49,029	70.95	1.08	26.15	0.61	-	1.21
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	65,791	87.59	1.4	8.69	0.21	0.04	2.08
Beetroot	1,815	71.6	-	27.2	-	-	1.2
Carrot	-	-	-	-	-	-	-
Onion	229	88.8	0.8	8	-	-	2.4
Potatoes	4,958	72.5	-	27.5	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	5,768	84	4.47	9.8	-	-	1.73
Taro / ‘Godere’	53,020	91.39	0.97	7.5	-	-	0.14
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	940,785	59.03	0.3	37.86	0.22	-	2.58
Avocados	-	-	-	-	-	-	-
Bananas	132,756	59.71	1.14	37.18	0.02	-	1.96
Guavas	-	-	-	-	-	-	-
Lemons	1	69.5	-	24	-	-	6.5
Mangoes	100,052	64.48	0.42	30.55	-	-	4.55
Oranges	22,543	77.64	0.46	18.01	-	-	3.89
Papayas	3,277	76.45	-	21.45	-	-	2.11
Pineapples	-	-	-	-	-	-	-
Chat	6,786	20.88	-	77.1	0.15	-	1.87
Coffee	445,921	66.82	0.04	30.37	0.39	-	2.38
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	229,449	43.6	-	52.67	-	-	3.72
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.4.2- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

East Wellega							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	8,820,555	57.79	11.49	24.22	0.55	0.51	5.44
<b>Cereals</b>	8,100,049	64.01	11.46	16.67	0.69	0.78	6.39
Teff	1,370,515	59.28	14.29	16.86	0.56	0.66	8.36
Barley	112,730	62.55	20.36	10.18	0.51	1.39	5
Wheat	179,321	67.12	16.01	10.25	0.15	0.2	6.26
Maize	4,992,278	64.56	6.95	20.61	0.88	1	6
Sorghum	984,734	66.73	9.65	17.26	0.65	0.65	5.05
Finger millet	443,650	66.88	11.47	13.7	1.09	0.74	6.12
Oats "Aja"	8,276	59.23	14.62	20	-	-	6.15
Rice	8,546	30	20	-	-	-	50
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	202,123	68.79	12.87	14.38	0.15	-	3.8
Horse beans white	85,661	71.46	13.07	10.83	0.26	-	4.38
Horse beans red	28,674	63.82	16.03	13.09	-	-	7.06
Field peas	12,045	86.98	7.33	4.3	-	-	1.4
Haricot beans	43,539	80.14	8.4	10.97	-	-	0.49
Chick – peas	16,126	68.24	18.24	13.53	-	-	-
Lentils	292	30	55	10	-	-	5
Vetch	-	-	-	-	-	-	-
Soya beans	15,249	13.33	13.33	54.2	1.33	-	17.8
Fenugreek	536	48.64	16.02	34.55	-	-	0.8
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	518,383	29.5	10.56	55.91	0.4	-	3.63
Neug	355,597	13.63	12.82	68.55	0.22	-	4.78
Linseed	767	62.5	14.17	22.5	-	-	0.83
Groundnuts	76,510	20.71	16.27	54.94	1.62	-	6.45
Safflower	2,674	55.31	11.56	26.88	0.63	-	5.63
Sesame	29,884	11.62	12.26	71.4	0.46	-	4.26
Rapeseed	52,952	60.86	3.33	35.42	0.12	-	0.27
<b>Vegetables</b>	76,678	81.62	0.43	16.44	-	-	1.51
Lettuce	-	-	-	-	-	-	-
Head cabbage	107	80.43	3.91	15.65	-	-	-
Ethiopian cabbage	3,840	83.45	-	15.17	-	-	1.38
Tomatoes	-	-	-	-	-	-	-
Green peppers	14,000	87.42	-	11.65	-	-	0.93
Red peppers	58,731	79.29	0.36	18.49	-	-	1.87
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	107,676	74.95	6.33	17.92	-	0.19	0.61
Beetroot	3,007	76	-	24	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	6,573	81.33	0.42	17.42	-	-	0.83
Potatoes	36,487	69.58	14.17	16.25	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	23,839	73.39	13.16	12.7	-	-	0.76
Taro / 'Godere'	37,770	93.08	4.23	2.69	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	359,465	59	1.2	37.38	0.03	0.05	2.34
Avocados	-	-	-	-	-	-	-
Bananas	16,562	67.3	1.27	30.29	-	0.1	1.03
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	36,935	67.5	0.63	27.26	-	-	4.62
Oranges	370	96.25	-	3.75	-	-	-
Papayas	13,824	70	-	23.18	-	-	6.82
Pineapples	-	-	-	-	-	-	-
Chat	10,293	18.14	1.83	77.97	-	-	2.06
Coffee	66,567	80.25	0.85	16.78	0.11	0.11	1.91
Hops (Gesho)	2,700	31.32	1.32	66.4	-	-	0.96
Sugar cane	212,214	35	4.79	57.29	-	-	2.92
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.4.3- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Illubabor							
Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	6,196,913	69.54	10.29	16.68	1	0.33	2.15
<b>Cereals</b>	5,655,639	71.73	10.76	13.22	1.14	0.47	2.68
Teff	1,005,950	66.04	13.49	16.54	1.04	0.01	2.88
Barley	103,137	70.51	14.49	12.63	0.87	0.13	1.37
Wheat	196,689	71.49	14.19	10.65	0.83	0.05	2.8
Maize	3,189,684	74.58	8.72	11.86	0.83	0.96	3.05
Sorghum	960,170	73.45	8.38	13.98	1.43	0.54	2.21
Finger millet	120,411	75.6	10.42	7.54	2.82	0.3	3.32
Oats "Aja"	533	35	33	32	-	-	-
Rice	79,066	60.84	9.11	28.86	1.08	-	0.11
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	421,399	73.14	9.44	15.86	0.71	-	0.84
Horse beans white	69,363	75.77	12.17	11.36	0.24	-	0.45
Horse beans red	53,774	67.06	10.98	19.9	1.34	-	0.72
Field peas	24,402	85.91	5.45	6.89	0.56	-	1.19
Haricot beans	25,958	82.78	7.64	7.78	0.41	-	1.4
Chick – peas	8,601	70	14.29	12.5	3.21	-	-
Lentils	-	-	-	-	-	-	-
Vetch	434	83.33	12	4.67	-	-	-
Soya beans	237,797	22.78	12.51	62.25	2	-	0.46
Fenugreek	1,069	65.14	12.57	22.29	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	119,875	42.93	8.81	46.21	0.71	-	1.35
Neug	48,065	29.04	9.52	59.06	0.36	-	2.02
Linseed	13,256	47.85	11.54	40.36	-	-	0.26
Groundnuts	42,844	31.88	9.38	52.59	4.85	-	1.29
Safflower	75	93	3	-	-	-	4
Sesame	7,653	14.59	6.24	79.18	-	-	-
Rapeseed	7,983	58.93	7.66	32.08	-	-	1.33
<b>Vegetables</b>	406,538	76.87	0.95	20.2	0.24	-	1.75
Lettuce	-	-	-	-	-	-	-
Head cabbage	14,750	85.83	0.68	12.41	0.08	-	1.02
Ethiopian cabbage	65,108	87.29	0.95	8.91	0.23	-	2.62
Tomatoes	-	-	-	-	-	-	-
Green peppers	17,602	85.06	0.06	13.97	-	-	0.91
Red peppers	309,080	50.32	2.05	44.87	0.59	-	2.16
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	337,349	82.23	4.72	11.02	0.08	0.94	1
Beetroot	4,852	88.42	0.57	10.55	-	-	0.47
Carrot	187	100	-	-	-	-	-
Onion	1,936	89.1	0.45	9.4	0.75	-	0.3
Potatoes	17,662	65.91	8.18	23.18	-	1.82	0.91
Yam	-	-	-	-	-	-	-
Garlic	6,102	81.39	7.62	10.16	-	-	0.82
Taro / 'Godere'	135,457	83.84	8.43	6.6	-	-	1.13
Sweet potatoes	171,155	68.87	2.31	21.27	-	5.37	2.18
<b>Permanent crops</b>	641,439	56.45	0.51	39.63	0.49	0.07	2.85
Avocados	-	-	-	-	-	-	-
Bananas	45,992	62.14	0.19	34.86	0.05	0.19	2.57
Guavas	-	-	-	-	-	-	-
Lemons	24	67.5	-	21.25	-	-	11.25
Mangoes	26,207	58.07	0.05	35.91	0.21	-	5.76
Oranges	2,791	61.6	-	28.8	-	-	9.6
Papayas	34,354	74.91	-	22.66	-	-	2.43
Pineapples	-	-	-	-	-	-	-
Chat	35,940	38.72	0.67	55.98	0.3	0.02	4.32
Coffee	386,388	51.43	0.94	46.09	0.25	-	1.29
Hops (Gesho)	3	21.61	-	77.74	-	-	0.65
Sugar cane	109,740	59.78	0.44	35	1.33	1.33	2.11
<b>Enset</b>	-	-	-	-	-	-	-

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
<b>Grain Crops</b>	10,005,594	66.57	12.61	14.57	1.43	0.18	4.64
<b>Cereals</b>	9,315,922	68.51	12.42	11.75	1.9	0.14	5.28
Teff	2,206,505	63.01	15.14	14.05	2.15	0.04	5.62
Barley	266,058	66.42	14.32	13.83	0.36	0.49	4.57
Wheat	666,507	61.08	17.72	14.82	1.09	-	5.28
Maize	4,906,463	74.11	7.88	9.87	2.34	0.11	5.7
Sorghum	1,193,228	74.17	10.92	8.1	2.18	0.23	4.4
Finger millet	44,480	66.11	7.41	15.37	3.7	-	7.41
Oats "Aja"	32,682	63.7	20	11.11	-	0.19	5
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	471,664	66.86	14.25	16.01	0.23	0.29	2.36
Horse beans white	303,735	57.85	16.08	21.7	0.25	0.25	3.88
Horse beans red	127,108	46.12	19.53	30.71	0.24	-	3.41
Field peas	20,549	89.61	6.05	3.15	-	0.7	0.5
Haricot beans	8,350	68.19	14.72	14.86	-	-	2.22
Chick – peas	7,746	75.78	10.33	7.78	5.56	-	0.56
Lentils	3,703	67.81	25	6.56	-	-	0.63
Vetch	-	-	-	-	-	-	-
Soya beans	249	68.33	31.67	-	-	-	-
Fenugreek	220	65	21.5	13.5	-	-	-
Gibto	4	100	-	-	-	-	-
<b>Oilseeds</b>	218,008	50.97	10.55	33.3	0.34	0.28	4.56
Neug	83,960	14.67	9.84	73.85	-	-	1.64
Linseed	29,036	68.78	11.43	14.09	0.41	0.17	5.12
Groundnuts	103,879	27.08	6.88	51.67	1.46	-	12.92
Safflower	-	-	-	-	-	-	-
Sesame	1,133	-	-	100	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	263,929	82.37	0.43	14.95	0.01	-	2.25
Lettuce	-	-	-	-	-	-	-
Head cabbage	21,580	88.31	-	10	-	-	1.69
Ethiopian cabbage	175,318	86.81	0.17	10.67	-	-	2.35
Tomatoes	-	-	-	-	-	-	-
Green peppers	23,419	85.16	0.44	12.33	-	-	2.07
Red peppers	43,611	53.81	2.05	41.14	0.05	-	2.95
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	1,171,979	81.87	9.28	7.91	-	-	0.94
Beetroot	2,806	86.43	-	13.14	-	-	0.43
Carrot	189	78.57	-	21.43	-	-	-
Onion	1	81.04	4.17	14.79	-	-	-
Potatoes	91,332	76.11	5.56	17.22	-	-	1.11
Yam	-	-	-	-	-	-	-
Garlic	29,231	78.86	6.77	13.64	-	-	0.73
Taro / 'Godere'	963,871	82.2	13.08	3.6	-	-	1.12
Sweet potatoes	84,548	86.82	1.82	10.11	-	-	1.25
<b>Permanent crops</b>	1,686,264	58.38	0.43	37.06	0.37	0.15	3.61
Avocados	26	47.97	-	48.52	0.7	-	2.81
Bananas	251,788	52.11	0.25	45	-	-	2.64
Guavas	1,279	69.35	0.81	25.4	-	-	4.44
Lemons	850	31.64	-	58.82	-	-	9.55
Mangoes	96,932	53.21	0.64	40.66	-	0.58	4.91
Oranges	22,286	61.68	-	34.22	-	0.38	3.72
Papayas	8,806	64.97	-	33.12	-	-	1.91
Pineapples	38	64	-	36	-	-	-
Chat	83,137	43.08	0.64	50.28	0.15	-	5.86
Coffee	738,507	54.53	0.72	41.73	0.58	-	2.44
Hops (Gesho)	372	33.27	-	65	-	-	1.73
Sugar cane	482,245	63.32	0.73	32.45	-	0.54	2.96
<b>Enset</b>	1,076,850	89.97	0.06	4.9	1.13	0.4	3.55

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	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	13,163,140	56.01	15.19	25.93	0.47	0.54	1.85
<b>Cereals</b>	11,520,066	58.15	14.62	23.67	0.57	0.72	2.27
Teff	3,297,148	44.44	14.57	36.82	1.15	0.11	2.91
Barley	1,457,797	58.92	20.81	16.07	0.3	2.9	0.98
Wheat	1,381,096	55.68	21.34	20.46	0.34	0.02	2.17
Maize	3,156,292	69.86	7.89	19.34	0.4	0.53	1.99
Sorghum	2,201,791	63.88	10.38	21.67	0.54	0.19	3.35
Finger millet	15,255	49.29	12.14	32.86	-	1.43	4.29
Oats "Aja"	10,688	67.59	20.35	9.71	-	2.35	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	1,184,410	58.07	17.86	22.6	0.29	0.17	1.01
Horse beans white	508,721	61.14	18.63	18.35	0.14	-	1.74
Horse beans red	200,127	54.7	21.62	22.87	0.09	-	0.73
Field peas	4,320	87	10.8	1.53	-	-	0.67
Haricot beans	1,268	81	10	8	-	-	1
Chick – peas	116,723	53.89	14.19	31.92	-	-	-
Lentils	22,201	62.88	16.36	20.45	-	-	0.3
Vetch	326,086	43.01	16.45	38.21	0.96	1.37	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	4,964	58.8	10.76	30.44	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	458,664	29.66	12.47	57.26	0.15	-	0.46
Neug	362,766	17.36	15.12	66.61	0.3	-	0.61
Linseed	77,975	3.97	14.53	81.5	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	3,897	-	5	95	-	-	-
Rapeseed	14,026	64.92	7.26	27.33	-	-	0.49
<b>Vegetables</b>	208,798	72.01	1.62	24.57	0.08	-	1.73
Lettuce	-	-	-	-	-	-	-
Head cabbage	8,127	70.61	0.73	28.41	-	-	0.24
Ethiopian cabbage	64,716	80.59	2.07	16.73	-	-	0.62
Tomatoes	-	-	-	-	-	-	-
Green peppers	13,217	82.38	1.59	14.94	-	-	1.1
Red peppers	122,737	45.53	1.65	47.53	0.35	-	4.94
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	2,079,611	62.41	12.97	23.61	0.14	-	0.87
Beetroot	14,304	63.67	4	32	-	-	0.33
Carrot	180	56	-	42	-	-	2
Onion	49,601	67.84	4.84	26.88	-	-	0.44
Potatoes	1,894,472	64.56	15.16	18.76	0.47	-	1.05
Yam	-	-	-	-	-	-	-
Garlic	72,022	58.25	17.77	23.05	0.03	-	0.9
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	49,031	68.33	1.11	28.89	-	-	1.67
<b>Permanent crops</b>	535,546	72.79	1.4	23.44	0.08	0.86	1.43
Avocados	-	-	-	-	-	-	-
Bananas	5,228	58.33	-	40.83	-	-	0.83
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	7,220	86.88	-	10.63	-	-	2.5
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	489	17.78	-	82.22	-	-	-
Coffee	1,132	91.58	-	8.42	-	-	-
Hops (Gesho)	6,809	65.56	2.24	30.78	-	-	1.42
Sugar cane	514,670	29.12	7.94	54.12	1.18	1.18	6.47
<b>Enset</b>	766,753	90.67	0.7	5.18	0.07	2.18	1.2

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
<b>Grain Crops</b>	8,016,739	59.5	19.89	17.4	0.09	1.04	2.08
<b>Cereals</b>	6,161,417	64.68	19.13	12.9	0.07	1.01	2.2
Teff	1,955,984	55.27	16.79	26.45	0.12	0.12	1.25
Barley	1,536,686	66.47	23.34	4.15	-	2.09	3.94
Wheat	1,499,544	60.88	24.52	11.02	0.16	0.48	2.94
Maize	98,479	83.6	12.04	1.32	-	1.64	1.4
Sorghum	1,054,869	72.24	13.29	12.33	-	1.11	1.04
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	15,855	61.07	25.77	7.83	-	4	1.33
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	1,799,956	52.1	22.53	21.86	0.13	1.28	2.1
Horse beans white	1,138,817	58.53	21.44	17.6	0.16	0.12	2.14
Horse beans red	74,538	57.32	25.52	11.96	-	1.3	3.9
Field peas	12,183	73.44	14.69	10.63	-	-	1.25
Haricot beans	-	-	-	-	-	-	-
Chick - peas	140,956	51.21	21.13	26.77	0.4	0.16	0.32
Lentils	102,304	30	27.43	38.11	-	0.54	3.92
Vetch	328,748	37.87	22.1	32.53	0.09	6.75	0.66
Soya beans	-	-	-	-	-	-	-
Fenugreek	2,409	60	40	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	55,367	46.63	13.79	38.69	-	0.07	0.81
Neug	33,217	35.44	13.29	50.54	-	0.19	0.54
Linseed	18,429	24.84	25.65	49.19	-	-	0.32
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	3,721	76.28	6.87	15.76	-	-	1.09
<b>Vegetables</b>	38,687	89.57	0.91	8.52	-	-	1
Lettuce	-	-	-	-	-	-	-
Head cabbage	385	88	-	10	-	-	2
Ethiopian cabbage	34,978	91.96	1.22	5.67	-	-	1.15
Tomatoes	67	80	-	20	-	-	-
Green peppers	2,796	83.67	-	16	-	-	0.33
Red peppers	448	66.5	-	32.5	-	-	1
Swiss chard	13	100	-	-	-	-	-
<b>Root Crops</b>	250,675	61.37	20.96	17.25	-	-	0.42
Beetroot	562	74.29	-	25.71	-	-	-
Carrot	9,434	43.33	-	56.67	-	-	-
Onion	5,074	78.93	5.36	15	-	-	0.71
Potatoes	228,044	72.97	12.5	14.22	-	-	0.31
Yam	-	-	-	-	-	-	-
Garlic	6,853	57.61	24.77	17.2	-	-	0.42
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	709	85	-	15	-	-	-
<b>Permanent crops</b>	24,352	72.06	0.8	26.3	-	-	0.84
Avocados	-	-	-	-	-	-	-
Bananas	194	46.67	-	50	-	-	3.33
Guavas	-	-	-	-	-	-	-
Lemons	136	100	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	300	58	-	42	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	4	-	-	100	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	14,903	77.41	0.25	21.53	-	-	0.81
Sugar cane	8,814	40	5.83	53.33	-	-	0.83
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.4.7- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

East Shewa

Type of Crop	Total Production (Quintal)	Percent Utilized		For		Animal Feed	Others
		Household Consumption	Seed	Sale	Wages In kind		
<b>Grain Crops</b>	10,275,131	51.03	14.16	34	0.2	0.12	0.47
<b>Cereals</b>	8,467,712	54.84	13.58	30.6	0.22	0.13	0.63
Teff	3,414,894	32.57	13.81	52.5	0.31	0.04	0.77
Barley	180,145	72.7	18.35	8.75	-	-	0.2
Wheat	1,983,995	54.7	16.21	28.48	0.25	-	0.36
Maize	2,527,460	73.37	9.65	15.96	0.2	0.09	0.72
Sorghum	350,653	63.07	12.97	22.71	0.07	0.22	0.96
Finger millet	3,114	70.63	29.38	-	-	-	-
Oats "Aja"	7,451	61.88	18.75	5.63	-	13.75	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	1,803,464	43.63	15.12	40.81	0.18	0.12	0.14
Horse beans white	330,857	58.94	14.69	26.16	-	0.03	0.18
Horse beans red	108,464	65.52	14.79	19.46	-	-	0.23
Field peas	318,086	13.61	15.86	70.21	0.25	-	0.08
Haricot beans	99,381	65.04	16.1	18.54	0.14	-	0.17
Chick – peas	545,122	24.73	18.9	55.55	0.66	-	0.16
Lentils	332,832	30.69	12.24	56.63	0.3	0.07	0.07
Vetch	57,526	47.9	13.86	36.47	-	1.67	0.1
Soya beans	-	-	-	-	-	-	-
Fenugreek	11,195	38.26	15.43	46.3	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	3,955	59.23	16.67	22.56	-	-	1.54
Neug	-	-	-	-	-	-	-
Linseed	2,441	77.5	16.67	5.83	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	224	90	10	-	-	-	-
Sesame	19	-	100	-	-	-	-
Rapeseed	1,271	47.83	14.35	35.22	-	-	2.61
<b>Vegetables</b>	170,259	78.5	1.2	18.49	0.08	-	1.74
Lettuce	45	100	-	-	-	-	-
Head cabbage	1,249	50	-	46.67	-	-	3.33
Ethiopian cabbage	62,215	87.83	0.29	10.14	0.14	-	1.59
Tomatoes	60,118	57.07	0.36	39.71	-	-	2.86
Green peppers	7,624	89.44	-	7.78	-	-	2.78
Red peppers	39,008	39.92	9.23	50.85	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	284,206	58.47	10.22	30.86	-	-	0.45
Beetroot	467	100	-	-	-	-	-
Carrot	288	91.67	-	8.33	-	-	-
Onion	265,785	26.05	1.58	71.71	-	-	0.66
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	16,648	70.29	18.66	10.73	-	-	0.32
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	1,019	25	-	75	-	-	-
<b>Permanent crops</b>	270,660	59.91	0.13	38	-	-	1.96
Avocados	-	-	-	-	-	-	-
Bananas	542	53.33	-	46.67	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	34	50	-	-	-	-	50
Mangoes	231	55	-	45	-	-	-
Oranges	175	100	-	-	-	-	-
Papayas	2,102	91.25	-	8.75	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	75,517	35.38	-	59	-	-	5.63
Coffee	158	91.43	1.43	7.14	-	-	-
Hops (Gesho)	19,427	59.21	-	40	-	-	0.79
Sugar cane	172,473	10	-	86.67	-	-	3.33
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.4.8- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Arsi

Type of Crop	Total Production (Quintal)	Percent Utilized		For		Animal Feed	Others
		Household Consumption	Seed	Sale	Wages In kind		
<b>Grain Crops</b>	14,477,829	57.57	17.82	21.46	0.42	0.44	2.29
<b>Cereals</b>	12,733,591	59.69	17.49	19.17	0.47	0.56	2.63
Teff	1,723,017	42.56	18.24	35.06	0.35	-	3.79
Barley	2,440,862	61.45	21.58	13.36	0.83	1.38	1.39
Wheat	5,823,930	50.44	21.21	23.64	0.55	0.29	3.86
Maize	1,814,062	75.48	11.45	10.23	0.2	0.62	2.01
Sorghum	903,761	73.81	10.03	13.6	0.5	0.43	1.65
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	27,960	58.3	29.2	10.9	-	0.8	0.8
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	1,547,033	55.33	18.91	23.5	0.31	0.2	1.75
Horse beans white	859,191	60.32	17.79	18.04	0.49	0.25	3.11
Horse beans red	393,176	46.52	22.79	29.41	0.18	0.12	0.98
Field peas	123,752	32	20.92	46.95	-	-	0.13
Haricot beans	45,730	67.39	15.71	15.86	0.71	-	0.33
Chick – peas	8,636	59.15	27.38	11.92	-	-	1.54
Lentils	50,686	68.42	14.37	16.54	-	-	0.67
Vetch	50,752	65.9	14.23	17.05	-	1.28	1.54
Soya beans	-	-	-	-	-	-	-
Fenugreek	15,111	41.49	22.43	36.08	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	197,205	38.61	16.54	44.14	0.25	0.11	0.36
Neug	6,707	50.42	10.83	38.75	-	-	-
Linseed	177,152	20.97	20	58.38	0.45	0.19	-
Groundnuts	22	70	25	-	-	-	5
Safflower	4,674	50	-	50	-	-	-
Sesame	901	55	35	10	-	-	-
Rapeseed	7,750	67.97	11.25	19.53	-	-	1.25
<b>Vegetables</b>	251,741	65.1	2.04	30.86	-	-	2
Lettuce	-	-	-	-	-	-	-
Head cabbage	14,506	54.63	2.59	41.11	-	-	1.67
Ethiopian cabbage	118,722	64.7	2.02	31.04	-	-	2.25
Tomatoes	89,200	32.5	0.71	64.64	-	-	2.14
Green peppers	12,340	87.56	0.4	11.04	-	-	1
Red peppers	16,973	55.53	4.74	38.16	-	-	1.58
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	533,491	46.43	9.5	42.96	-	0.1	1.02
Beetroot	14,184	48.87	-	50.48	-	-	0.65
Carrot	20,505	27	-	70	-	-	3
Onion	308,071	37.37	2.05	59.87	-	-	0.71
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	147,264	49.55	16.3	33.82	-	-	0.33
Taro / 'Godere'	11,319	77.5	-	12.5	-	3.75	6.25
Sweet potatoes	32,148	80	-	15.71	-	-	4.29
<b>Permanent crops</b>	150,210	39.85	0.86	52.01	-	3.13	4.16
Avocados	-	-	-	-	-	-	-
Bananas	9,575	33.23	-	59.15	-	0.88	6.75
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	124	10	-	90	-	-	-
Oranges	6,741	58.75	-	34.17	-	-	7.08
Papayas	4,174	83.75	-	11.25	-	-	5
Pineapples	-	-	-	-	-	-	-
Chat	38,046	39.32	0.14	54.01	-	-	6.53
Coffee	55,111	30.12	0.67	66.31	-	-	2.9
Hops (Gesho)	2,102	49.53	1.89	48.02	-	-	0.57
Sugar cane	34,336	45.83	-	28.33	-	25	0.83
<b>Enset</b>	-	-	-	-	-	-	-



TABLE 1.4.9- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

West Harerghe							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	5,325,321	69.5	13.1	14.17	0.28	1.46	1.48
<b>Cereals</b>	4,747,090	76.83	11.95	7	0.31	2.05	1.87
Teff	90,307	62.83	7.7	27.97	0.1	-	1.41
Barley	237,261	67.79	21.26	5.91	0.09	2.63	2.33
Wheat	82,050	69.25	22.86	5.76	-	1.32	0.81
Maize	1,207,906	82.46	9.38	3.95	0.31	2.33	1.58
Sorghum	3,100,365	79.01	9.89	6.03	0.5	2.26	2.31
Finger millet	27,675	72.82	9.12	17.04	-	-	1.02
Oats "Aja"	1,526	53.38	41.63	5	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	482,179	58.03	15.06	25.58	0.16	0.49	0.68
Horse beans white	14,536	68.93	11.46	18.5	0.22	-	0.89
Horse beans red	3,156	67.11	12.78	20.11	-	-	-
Field peas	339,342	51.95	15.65	31.69	0.3	0.03	0.38
Haricot beans	19,797	75.6	9.49	13.63	-	-	1.29
Chick – peas	26,747	43.05	16.77	38.56	-	-	1.61
Lentils	72,053	58.77	15.21	25.66	-	-	0.36
Vetch	642	42.14	3.57	11.43	-	42.86	-
Soya beans	282	100	-	-	-	-	-
Fenugreek	5,625	68.21	21.1	9.92	-	-	0.78
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	96,052	51.67	15.52	31.08	0.46	0.2	1.07
Neug	-	-	-	-	-	-	-
Linseed	7,791	64.54	20.38	13.61	-	0.36	1.11
Groundnuts	58,268	35.82	12.72	48.97	0.33	-	2.16
Safflower	92	72.5	27.5	-	-	-	-
Sesame	29,900	44.09	7.1	47.16	1.42	0.15	0.07
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	308,753	56.84	1.71	38.52	0.42	0.47	2.04
Lettuce	464	40.83	-	59.17	-	-	-
Head cabbage	1,414	69.29	-	24.64	-	5.36	0.71
Ethiopian cabbage	1,865	84.5	3.5	12	-	-	-
Tomatoes	64,028	54.15	0.2	41.32	-	0.73	3.6
Green peppers	8,222	80.68	-	17.57	-	-	1.76
Red peppers	232,761	50.11	3.21	44.21	0.89	-	1.58
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	1,231,665	67.88	9.95	17.98	0.06	0.91	3.21
Beetroot	5,117	60	-	39.55	-	-	0.45
Carrot	-	-	-	-	-	-	-
Onion	168,930	39.98	17.76	40.78	0.24	-	1.24
Potatoes	61,874	45.19	19.62	28.08	-	-	7.12
Yam	-	-	-	-	-	-	-
Garlic	3,946	42.8	46	11.2	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	991,797	89.92	0.12	4	-	1.71	4.25
<b>Permanent crops</b>	782,905	38.37	0.2	52.85	0.55	1.69	6.34
Avocados	-	-	-	-	-	-	-
Bananas	104,964	38.01	0.13	57.4	-	0.13	4.33
Guavas	604	71.38	-	7.87	-	-	20.74
Lemons	137	60	-	14.64	-	-	25.36
Mangoes	7,441	56.51	-	38.49	0.29	-	4.71
Oranges	1,038	50	-	30.53	0.53	-	18.95
Papayas	9,861	81.05	-	8.42	-	-	10.53
Pineapples	-	-	-	-	-	-	-
Chat	246,771	32.62	0.37	59.13	1.08	0.01	6.79
Coffee	116,004	37.05	0.04	61.8	-	-	1.1
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	296,086	24.36	-	35.5	0.24	35.6	4.31
<b>Enset</b>	-	-	-	-	-	-	-

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
<b>Grain Crops</b>	5,079,111	78.67	10.24	9.51	0.1	0.21	1.27
<b>Cereals</b>	4,471,742	85	9.6	3.37	0.08	0.33	1.62
Teff	62,860	68.03	10.69	20.76	-	-	0.52
Barley	105,983	79.33	13.68	4.29	-	0.5	2.2
Wheat	363,495	83.62	11.55	3.81	-	0.09	0.93
Maize	1,332,520	88.95	7.88	1.3	0.05	0.49	1.33
Sorghum	2,576,526	86.51	8.96	1.89	0.18	0.27	2.19
Finger millet	66	50	50	-	-	-	-
Oats "Aja"	30,293	72.03	14.54	11.14	-	0.29	2
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	246,194	78.37	11.07	10.33	-	-	0.23
Horse beans white	78,340	69.06	15.18	15.24	-	-	0.53
Horse beans red	7,441	65.39	15.44	18.06	-	-	1.11
Field peas	47,910	71.67	8.05	19.78	-	-	0.49
Haricot beans	68,170	87.29	8.35	4.27	-	-	0.09
Chick – peas	1,964	80.25	14.33	5	-	-	0.42
Lentils	6,514	52.79	28.42	18.79	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	274	95.75	4.25	-	-	-	-
Fenugreek	35,582	79.93	10.59	9.39	-	-	0.08
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	361,175	46.02	11.95	40.08	0.41	-	1.56
Neug	-	-	-	-	-	-	-
Linseed	27,510	70.11	9.66	19.73	-	-	0.5
Groundnuts	326,788	20.79	14.41	61.36	0.79	-	2.65
Safflower	-	-	-	-	-	-	-
Sesame	6,877	77.65	7.94	14.41	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	49,072	68.06	0.1	29.29	-	0.32	2.22
Lettuce	-	-	-	-	-	-	-
Head cabbage	19,208	32	0.5	61	-	2.5	4
Ethiopian cabbage	51	100	-	-	-	-	-
Tomatoes	6,308	67.14	-	32.86	-	-	-
Green peppers	21,849	63.36	-	33	-	-	3.64
Red peppers	1,656	93.26	0.13	4.78	-	-	1.83
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	9,416,764	74.73	5.91	16.01	-	1	2.35
Beetroot	4,285	66	-	25	-	-	9
Carrot	14,590	7.5	2.5	90	-	-	-
Onion	18,434	36.1	24.07	37.41	-	-	2.41
Potatoes	483,873	38.71	17.42	42.65	-	-	1.22
Yam	-	-	-	-	-	-	-
Garlic	43,408	32.63	15.47	51.44	-	-	0.47
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	8,852,174	94.07	0.03	1.58	-	1.51	2.8
<b>Permanent crops</b>	1,220,298	33.44	0.32	60.31	0.27	0.72	4.94
Avocados	-	-	-	-	-	-	-
Bananas	39,163	55.11	-	40.11	-	2.63	2.16
Guavas	420	76.43	-	6.79	-	-	16.79
Lemons	44	65	-	-	-	-	35
Mangoes	7,966	54.32	-	32.16	-	-	13.51
Oranges	-	-	-	-	-	-	-
Papayas	14,054	86.11	-	8.89	-	-	5
Pineapples	-	-	-	-	-	-	-
Chat	917,694	30.39	0.49	63.46	0.27	-	5.39
Coffee	33,016	22.5	-	76.05	0.48	0.05	0.92
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	207,942	34.9	-	30.33	-	27.62	7.14
<b>Enset</b>	-	-	-	-	-	-	-

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
<b>Grain Crops</b>	8,293,357	51.02	15.62	28.74	0.26	0.45	3.91
<b>Cereals</b>	7,326,635	56.54	15.39	22.98	0.28	0.62	4.2
Teff	637,324	55.11	12.62	28.07	0.29	-	3.92
Barley	854,393	68.62	19.22	7.96	0.04	0.61	3.55
Wheat	4,393,841	39.96	18.01	36.2	0.59	0.03	5.22
Maize	867,388	71.38	8.96	13.53	0.13	1.74	4.27
Sorghum	189,550	73.93	10.43	13.62	0.12	1.67	0.24
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	384,138	51.69	18.63	24.23	0.19	1.03	4.22
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	642,155	50.49	16.62	29.13	0.12	-	3.64
Horse beans white	394,780	49.82	15.6	29.87	0.14	-	4.57
Horse beans red	182,383	43.67	23.19	28.71	-	-	4.43
Field peas	44,103	65.85	10.57	21.49	-	-	2.09
Haricot beans	5,330	55.31	12.81	30.63	-	-	1.25
Chick – peas	9,372	28.44	17.5	52.5	1.25	-	0.31
Lentils	5,176	50.22	17.91	29.26	-	-	2.61
Vetch	236	90	10	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	774	26.67	29.44	36.11	-	-	7.78
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	324,568	5.62	15.39	76.49	0.45	-	2.05
Neug	542	25	10	50	-	-	15
Linseed	145,924	10.42	12.29	73.82	-	-	3.47
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	178,102	-	18.57	80.45	0.91	-	0.06
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	235,714	59.73	0.7	35.63	-	-	3.95
Lettuce	-	-	-	-	-	-	-
Head cabbage	13,524	47.92	-	52.08	-	-	-
Ethiopian cabbage	50,127	65.69	1.38	29.54	-	-	3.38
Tomatoes	-	-	-	-	-	-	-
Green peppers	2,780	79.5	-	13	-	-	7.5
Red peppers	169,283	47.63	-	47.13	-	-	5.25
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	445,049	49.92	7.85	38.74	-	0.12	3.37
Beetroot	6,930	45.56	-	48.89	-	-	5.56
Carrot	3,634	27.5	-	67.5	-	-	5
Onion	24,895	51.79	12.5	33.39	-	-	2.32
Potatoes	65,341	67.5	4.17	25.83	-	-	2.5
Yam	-	-	-	-	-	-	-
Garlic	8,303	36.3	23.5	39.2	-	-	1
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	335,946	50	1.74	42.83	-	0.43	5
<b>Permanent crops</b>	424,160	32.63	0.88	61.25	0.77	0.77	3.72
Avocados	-	-	-	-	-	-	-
Bananas	59,466	34.07	-	64.44	-	-	1.48
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	14,027	49.78	-	47.61	0.43	-	2.17
Oranges	47,134	35.45	7.27	48.64	-	-	8.64
Papayas	21,138	71.67	-	21.67	-	-	6.67
Pineapples	-	-	-	-	-	-	-
Chat	92,827	17.77	0.69	74.36	0.32	-	6.86
Coffee	98,403	27.61	0.87	67.06	1.88	0.09	2.48
Hops (Gesho)	8,125	59	-	40.5	-	-	0.5
Sugar cane	83,040	41.67	2.22	41.67	-	13.33	1.11
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.4.12- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Borena							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	435,100	56.95	15.21	26.42	0.61	0.19	0.62
<b>Cereals</b>	314,957	54.18	13.95	29.82	1.06	0.33	0.65
Teff	41,899	36.25	13.42	48.75	1.47	-	0.11
Barley	4,382	35.79	15.26	47.63	-	-	1.32
Wheat	17,506	45.91	13.64	40	-	-	0.45
Maize	218,447	66.64	13.54	17.28	1.26	0.69	0.6
Sorghum	32,723	65.33	17.5	14.5	0.33	-	2.33
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	119,773	61.03	16.54	21.81	0.02	-	0.59
Horse beans white	961	64.29	15	20	-	-	0.71
Horse beans red	943	60	25	15	-	-	-
Field peas	24,857	70.31	10.52	18.23	-	-	0.94
Haricot beans	88,010	59.38	18.25	21.81	0.03	-	0.53
Chick – peas	5,001	40.91	16.82	42.27	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	371	10	55	35	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	371	20	10	70	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	48,989	79.04	0.09	19.75	0.04	-	1.07
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	43,478	81.06	-	17.63	0.06	-	1.26
Tomatoes	-	-	-	-	-	-	-
Green peppers	5,511	70.25	0.5	28.88	-	-	0.38
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	53,263	70.13	1.1	27.54	0.25	-	0.97
Beetroot	3	100	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	11,017	89.84	-	7.74	0.65	-	1.77
Sweet potatoes	42,243	56.69	-	42.23	0.15	-	0.92
<b>Permanent crops</b>	201,996	43.33	-	54.49	0.47	0.02	1.7
Avocados	-	-	-	-	-	-	-
Bananas	29,128	35.84	-	62.73	0.45	-	0.97
Guavas	1	52.5	-	47.5	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	131	44.62	-	55.38	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	13,280	6.13	-	92.45	-	-	1.42
Coffee	99,830	26.75	-	69.97	0.89	-	2.39
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	59,626	26.94	-	71.67	0.28	-	1.11
<b>Enset</b>	918,961	76.56	-	21.72	0.23	0.05	1.45

TABLE 1.4.13- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

South West Shewa

Type of Crop	Total Production (Quintal)	Percent Utilized		For		Animal Feed	Others
		Household Consumption	Seed	Sale	Wages In kind		
<b>Grain Crops</b>	7,456,819	55.36	15.98	26.6	0.1	0.18	1.78
<b>Cereals</b>	5,577,340	57.14	16.02	24.48	0.13	0.15	2.09
Teff	2,487,522	38.61	15.28	42.79	0.19	-	3.13
Barley	526,162	52.88	22.49	22.19	0.12	0.6	1.71
Wheat	1,816,243	51.63	19.97	26.03	0.03	0.21	2.14
Maize	606,998	81.34	10	7.18	0.1	-	1.38
Sorghum	133,314	78.11	10.75	9.82	0.36	-	0.96
Finger millet	300	90	10	-	-	-	-
Oats "Aja"	6,801	82.5	15.83	1.67	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	1,777,896	55.24	16.34	26.62	0.07	0.26	1.47
Horse beans white	331,412	66.86	15.01	15.89	0.13	0.06	2.05
Horse beans red	182,865	41.4	20.12	36.41	-	0.21	1.86
Field peas	9,234	86.5	9.14	4.31	-	-	0.06
Haricot beans	9,915	76.84	14.74	7.89	-	-	0.53
Chick – peas	849,262	51.52	17.17	29.01	0.14	-	2.16
Lentils	81,968	47.59	16.2	35.69	-	-	0.51
Vetch	306,143	47.23	16.27	35.45	-	0.68	0.37
Soya beans	5	100	-	-	-	-	-
Fenugreek	7,094	40.26	17.89	36.58	-	5.26	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	101,584	40.55	13.55	45.08	-	-	0.82
Neug	24,053	26.77	12.34	60.89	-	-	-
Linseed	65,711	6.15	14.73	76.42	-	-	2.71
Groundnuts	-	-	-	-	-	-	-
Safflower	2,984	69.23	12.31	17.69	-	-	0.77
Sesame	-	-	-	-	-	-	-
Rapeseed	8,835	62.75	13.75	23.44	-	-	0.06
<b>Vegetables</b>	106,320	83.6	0.02	15.8	0.02	-	0.55
Lettuce	-	-	-	-	-	-	-
Head cabbage	1,809	92	-	7.5	-	-	0.5
Ethiopian cabbage	63,016	87.15	0.04	12.29	0.04	-	0.48
Tomatoes	-	-	-	-	-	-	-
Green peppers	19,108	89.82	-	9.28	-	-	0.9
Red peppers	16,191	33.08	-	66.54	-	-	0.38
Swiss chard	6,196	67	-	33	-	-	-
<b>Root Crops</b>	54,073	70.85	12.23	16.57	-	-	0.35
Beetroot	4,248	88.53	-	11.18	-	-	0.29
Carrot	519	100	-	-	-	-	-
Onion	4,832	78.45	6.72	14.83	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	36,661	62.76	16.33	20.64	-	-	0.27
Taro / 'Godere'	1,832	93.75	6.25	-	-	-	-
Sweet potatoes	5,983	100	-	-	-	-	-
<b>Permanent crops</b>	131,761	68.61	1.04	28.41	0.47	0.01	1.46
Avocados	-	-	-	-	-	-	-
Bananas	7,669	53.18	1.45	43.73	-	-	1.64
Guavas	-	-	-	-	-	-	-
Lemons	768	80	-	20	-	-	-
Mangoes	44	35	-	65	-	-	-
Oranges	1,582	58.75	-	32.92	-	-	8.33
Papayas	1,128	63.33	-	36.67	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	16,261	21.25	-	75.42	0.94	-	2.4
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	4,310	51.97	0.88	46.01	-	-	1.14
Sugar cane	99,999	55.23	0.91	38.18	-	-	5.68
<b>Enset</b>	874,265	92.33	1.17	5.09	0.86	0.02	0.53

TABLE 1.4.14- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Guji							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent	Utilized	For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	2,665,506	49.5	13.6	34.05	0.37	0.38	2.08
<b>Cereals</b>	2,028,715	52.75	12.78	31.17	0.34	0.58	2.38
Teff	180,179	35.13	19.04	44.35	0.09	-	1.39
Barley	328,436	49.34	13.34	34.4	0.43	0.07	2.42
Wheat	90,872	50	14.29	34.4	-	0.36	0.95
Maize	1,429,229	60.25	10.41	25.04	0.42	1.02	2.86
Sorghum	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	636,750	43.53	14.97	39.53	0.43	-	1.54
Horse beans white	130,632	46.29	11.29	39.74	0.65	-	2.03
Horse beans red	49,188	31.88	12.5	51.25	0.88	-	3.5
Field peas	171,455	52.61	19.18	27.91	0.15	-	0.15
Haricot beans	247,839	38.69	18.2	41.49	0.27	-	1.35
Chick – peas	37,636	57.08	7.92	35	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	42	5	50	45	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	22	10	-	90	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	20	-	100	-	-	-	-
<b>Vegetables</b>	253,878	73.36	0.83	23.67	0.22	-	1.92
Lettuce	-	-	-	-	-	-	-
Head cabbage	9,440	48.89	-	47.78	0.56	-	2.78
Ethiopian cabbage	236,278	75.79	0.97	20.99	0.24	-	2.01
Tomatoes	-	-	-	-	-	-	-
Green peppers	7,802	58.79	-	39.83	-	-	1.38
Red peppers	359	67.5	-	32.5	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	116,126	61.89	4.53	30.53	0.53	-	2.53
Beetroot	798	55	-	42.5	-	-	2.5
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	60,155	76.86	8.02	14.53	-	-	0.58
Yam	-	-	-	-	-	-	-
Garlic	7,306	31	7	53	4	-	5
Taro / 'Godere'	123	100	-	-	-	-	-
Sweet potatoes	47,744	50.56	1.39	42.22	0.83	-	5
<b>Permanent crops</b>	649,680	56.29	0.4	39.22	1.25	0.29	2.56
Avocados	5,099	50	-	47.65	-	-	2.35
Bananas	74,123	47.45	0.57	49.25	0.57	-	2.17
Guavas	36	77.5	-	20	-	-	2.5
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	1,593	63.33	-	30	-	-	6.67
Pineapples	-	-	-	-	-	-	-
Chat	5,994	18.48	-	77.83	-	-	3.7
Coffee	227,072	32.38	0.98	62.28	2.23	-	2.13
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	335,762	26.96	0.43	69.78	0.65	0.65	1.52
<b>Enset</b>	3,787,045	75.31	0.08	20.32	0.94	0.51	2.84

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
<b>Grain Crops</b>	9,524,154	61	9.71	27.34	0.1	0.25	1.6
<b>Cereals</b>	9,042,240	64.73	9.64	23.48	0.12	0.3	1.73
Teff	337,025	37.83	7.82	53.56	-	-	0.78
Barley	1,784,372	65.15	14.1	18.92	0.1	0.15	1.58
Wheat	3,805,234	43.28	14.57	38.36	0.12	-	3.67
Maize	2,741,944	75.72	4.93	17.16	0.2	0.46	1.53
Sorghum	210,085	84.61	7.35	6.01	-	1.27	0.76
Finger millet	149,996	83.18	10.07	6.49	-	-	0.27
Oats "Aja"	13,584	70	10	-	-	20	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	457,034	44.39	10.07	44.88	0.05	0.02	0.58
Horse beans white	81,533	73.21	5.47	19.25	-	-	2.08
Horse beans red	46,354	45.88	13.82	40.29	-	-	-
Field peas	1,536	10	10	80	-	-	-
Haricot beans	228,170	33.98	11.06	54.84	0.08	-	0.04
Chick – peas	3,823	50	50	-	-	-	-
Lentils	11,222	10	6.67	83.33	-	-	-
Vetch	55,127	78	8	14	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	29,269	21.67	19.17	59.17	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	24,880	44.2	9.4	41.8	-	-	4.6
Neug	-	-	-	-	-	-	-
Linseed	20,825	35.83	4.17	55.83	-	-	4.17
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	4,055	49.58	13.75	31.25	-	-	5.42
<b>Vegetables</b>	490,020	77.87	0.53	19.53	-	0.01	2.06
Lettuce	-	-	-	-	-	-	-
Head cabbage	56,647	56.04	-	42.29	-	-	1.67
Ethiopian cabbage	349,337	79.32	0.68	17.63	-	0.02	2.35
Tomatoes	76,053	-	-	100	-	-	-
Green peppers	3,123	97.94	-	1.18	-	-	0.88
Red peppers	4,860	44	-	55.5	-	-	0.5
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	101,086	48.31	25.23	25.78	-	-	0.68
Beetroot	39,630	56.25	-	42.68	-	-	1.07
Carrot	826	84.44	4.44	10	-	-	1.11
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	60,630	57.9	9.6	32.2	-	-	0.3
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	228,033	72.53	0.31	22.48	0.35	2.04	2.28
Avocados	199	66.67	-	31.67	-	-	1.67
Bananas	27,577	68.15	-	24.63	-	5.74	1.48
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	6,573	86	-	14	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	1,619	53.46	0.77	41.92	-	-	3.85
Coffee	52,282	36.5	-	59.75	0.63	-	3.13
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	139,782	36.82	2.73	55.45	-	0.91	4.09
<b>Enset</b>	8,262,635	83.29	0.28	11.66	0.4	2.27	2.1

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
<b>Grain Crops</b>	4,434,802	66.32	11.05	13.39	0.38	0.75	8.11
<b>Cereals</b>	4,152,619	66.35	11.41	11.62	0.46	1.08	9.08
Teff	298,547	57.3	13.18	21.13	0.29	-	8.11
Barley	54,934	58.6	19.34	10.17	0.52	0.56	10.8
Wheat	145,919	63.85	15	9.24	0.39	-	11.51
Maize	2,227,019	69.7	8.4	11.04	0.43	2.04	8.38
Sorghum	1,058,940	67.29	10.83	10.73	0.69	1.38	9.08
Finger millet	361,040	69.45	11.32	8.95	0.33	0.54	9.41
Oats "Aja"	1,005	90	10	-	-	-	-
Rice	5,216	92	4	4	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	206,830	70.93	10.88	11.82	0.23	0.02	6.13
Horse beans white	71,180	66.1	12.81	11.66	0.45	0.06	8.93
Horse beans red	34,432	66.01	11.51	15.64	0.46	-	6.38
Field peas	11,722	80.62	8.63	5.75	0.14	-	4.86
Haricot beans	66,331	77.73	9.71	8.1	-	-	4.46
Chick – peas	13,326	65.42	8.75	19.17	-	-	6.67
Lentils	446	67.5	30	-	-	-	2.5
Vetch	874	94	6	-	-	-	-
Soya beans	4,976	77.14	10.71	10.71	-	-	1.43
Fenugreek	3,544	69.35	9.81	16.56	-	-	4.29
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	75,353	53.67	8.5	32.41	0.13	-	5.28
Neug	28,070	36.36	14.66	45.57	-	-	3.41
Linseed	1,681	69.41	7.94	14.71	-	-	7.94
Groundnuts	2,110	79.17	5.42	12.92	-	-	2.5
Safflower	384	86.25	3.13	9.38	-	-	1.25
Sesame	4,541	16.43	10	69.29	-	-	4.29
Rapeseed	38,567	55	7.15	31.58	0.21	-	6.06
<b>Vegetables</b>	186,898	61.25	2.45	34.04	0.03	-	2.23
Lettuce	-	-	-	-	-	-	-
Head cabbage	5,538	82.71	-	14.58	-	-	2.71
Ethiopian cabbage	9,202	89.89	0.11	7.73	-	-	2.27
Tomatoes	-	-	-	-	-	-	-
Green peppers	10,157	86.39	0.25	11.14	-	-	2.22
Red peppers	162,001	45.4	3.95	48.45	0.05	-	2.15
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	50,500	82.83	2.75	11.87	-	1.2	1.35
Beetroot	2,824	91.11	-	6.67	-	-	2.22
Carrot	-	-	-	-	-	-	-
Onion	5,020	63.18	2.73	32.88	-	-	1.21
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	17,465	77.42	6.08	15.67	-	-	0.83
Taro / 'Godere'	25,190	94.3	2.41	2.78	-	0.25	0.25
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	519,764	60.89	0.33	34.3	0.25	0.43	3.8
Avocados	-	-	-	-	-	-	-
Bananas	80,374	64.8	-	31.06	0.1	0.44	3.6
Guavas	-	-	-	-	-	-	-
Lemons	25	15	-	80	-	-	5
Mangoes	21,133	67.38	-	24.46	0.2	-	7.97
Oranges	1,477	58.89	-	32.78	-	-	8.33
Papayas	2,467	83.48	-	11.41	-	-	5.11
Pineapples	-	-	-	-	-	-	-
Chat	36,060	35.88	-	60.31	0.09	-	3.73
Coffee	195,725	57.96	0.59	38.18	0.24	-	3.03
Hops (Gesho)	1	46.39	-	52.78	-	-	0.83
Sugar cane	182,502	39.38	3.33	47.5	0.83	-	8.96
<b>Enset</b>	-	-	-	-	-	-	-



TABLE 1.4.17- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Horogudru Wellega

Type of Crop	Total Production (Quintal)	Percent Utilized		For		Animal Feed	Others
		Household Consumption	Seed	Sale	Wages In kind		
<b>Grain Crops</b>	5,335,561	48.55	13.87	31.24	0.82	0.3	5.23
<b>Cereals</b>	4,412,622	57.03	14.13	21.27	1.08	0.53	5.96
Teff	1,515,020	53.48	17.32	21.26	1.46	0.2	6.27
Barley	230,071	57.91	21.68	14.53	0.69	0.78	4.42
Wheat	527,653	50.32	21.25	20.77	1	0.19	6.47
Maize	1,895,668	60.85	4.12	26.94	1.16	1.03	5.9
Sorghum	233,841	69.74	8.26	13.09	0.37	0.06	8.49
Finger millet	7,115	77.5	10.83	3.33	-	-	8.33
Oats "Aja"	2,884	60	18.75	19	0.5	-	1.75
Rice	370	76.67	3.33	20	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	371,244	58.88	16.7	20.93	0.28	0.02	3.2
Horse beans white	159,873	61.33	16.7	16.76	0.23	0.05	4.93
Horse beans red	112,169	61.04	16.2	18.63	0.33	-	3.8
Field peas	5,504	65	13.33	16.67	5	-	-
Haricot beans	50,517	60.56	20	18.89	0.56	-	-
Chick – peas	4,257	64.5	26.5	9	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	37,812	0.83	17.92	81.25	-	-	-
Fenugreek	1,112	55	15.51	29.1	-	-	0.39
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	551,696	18.98	10.61	64.28	0.72	0.02	5.39
Neug	359,493	9.48	12	72.29	0.83	0.03	5.36
Linseed	2,353	52.78	20.56	22.22	-	-	4.44
Groundnuts	63,031	12.29	14.57	57.88	0.34	-	14.91
Safflower	2,532	36.82	5	40	-	-	18.18
Sesame	69,687	1.96	12.25	79.51	2.25	-	4.02
Rapeseed	54,599	36.12	6.15	55.18	0.37	-	2.18
<b>Vegetables</b>	17,104	84.19	0.6	13.8	-	-	1.41
Lettuce	-	-	-	-	-	-	-
Head cabbage	891	86.53	-	12.65	-	-	0.82
Ethiopian cabbage	591	76.52	3.04	19.57	-	-	0.87
Tomatoes	-	-	-	-	-	-	-
Green peppers	12,548	85.36	0.29	12.59	-	-	1.76
Red peppers	3,073	80.8	1	17	-	-	1.2
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	103,234	70.79	10.43	18.15	-	-	0.62
Beetroot	1,756	89.15	-	10.28	-	-	0.57
Carrot	204	66	-	33	-	-	1
Onion	7,402	84.67	1.47	13.2	-	-	0.67
Potatoes	52,134	76.03	11.41	11.79	-	-	0.77
Yam	-	-	-	-	-	-	-
Garlic	40,526	62.57	15.08	21.74	-	-	0.6
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	1,212	98.89	1.11	-	-	-	-
<b>Permanent crops</b>	147,759	49.41	-	48.8	0.04	-	1.76
Avocados	-	-	-	-	-	-	-
Bananas	1,912	55.32	-	41.61	-	-	3.06
Guavas	-	-	-	-	-	-	-
Lemons	170	52.5	-	47.5	-	-	-
Mangoes	8,810	78.57	-	13.39	-	-	8.04
Oranges	-	-	-	-	-	-	-
Papayas	417	92	-	-	-	-	8
Pineapples	-	-	-	-	-	-	-
Chat	509	10.63	-	88.75	-	-	0.63
Coffee	2,122	97.27	-	2.73	-	-	-
Hops (Gesho)	6,037	42.85	-	56.35	0.07	-	0.73
Sugar cane	127,782	32.35	-	67.06	-	-	0.59
<b>Enset</b>	-	-	-	-	-	-	-

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
<b>Grain Crops</b>	1,933,299	73.47	8.88	13.57	0.62	0.39	3.08
<b>Cereals</b>	1,851,274	76.53	9.16	9.74	0.72	0.38	3.48
Teff	-	-	-	-	-	-	-
Barley	20,868	39.38	13.13	46.56	0.63	-	0.31
Wheat	113,293	53.06	9.86	35.14	0.14	-	1.81
Maize	837,168	79.07	8.7	7.32	0.83	0.54	3.55
Sorghum	879,945	79.4	9.33	6.45	0.69	0.29	3.84
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	26,365	70.4	5.16	23.02	-	0.63	0.79
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	7,277	68.72	5.77	23.59	-	1.03	0.9
Haricot beans	19,065	73	4.5	22.25	-	-	0.25
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	24	80	10	10	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	55,660	23.13	11.09	65.47	-	-	0.31
Neug	-	-	-	-	-	-	-
Linseed	59	85	15	-	-	-	-
Groundnuts	55,586	13.21	11.61	74.82	-	-	0.36
Safflower	-	-	-	-	-	-	-
Sesame	15	100	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	29,421	26	2.06	63.53	-	-	8.41
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	29,332	25.13	2.19	64.38	-	-	8.31
Green peppers	89	80	-	-	-	-	20
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	116,136	28.25	5.61	59.82	-	-	6.32
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	114,506	18.75	7.27	67.05	-	-	6.93
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	1,629	80	-	-	-	-	20
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	147,619	27.97	0.23	65.38	1.02	0.34	5.06
Avocados	-	-	-	-	-	-	-
Bananas	8,905	16.74	-	80.79	-	-	2.47
Guavas	609	45	-	40	2.5	-	12.5
Lemons	1,532	2.17	-	95.75	-	-	2.08
Mangoes	3,561	15.2	-	77.4	1	-	6.4
Oranges	25,754	13.85	-	81.85	-	-	4.3
Papayas	1,047	62.69	3.85	30.77	-	-	2.69
Pineapples	-	-	-	-	-	-	-
Chat	106,210	35.79	-	55.22	1.82	0.68	6.48
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.5.1- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Shinele							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	58,712	90.01	4.04	0.51	0.09	0.4	4.95
<b>Cereals</b>	58,697	89.73	4.15	0.52	0.09	0.42	5.09
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	6,756	94.45	3.02	-	-	-	2.52
Sorghum	51,941	87.6	4.66	0.76	0.13	0.6	6.24
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	-	-	-	-	-	-	-
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	15	100	-	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	15	100	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	235	39.8	-	59	-	-	1.2
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	235	39.8	-	59	-	-	1.2
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	335	51.25	-	45.42	-	-	3.33
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	335	10	-	85	-	-	5
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	37,331	19.66	-	74.93	-	0.09	5.31
Avocados	-	-	-	-	-	-	-
Bananas	3,295	17.38	-	79.69	-	-	2.94
Guavas	-	-	-	-	-	-	-
Lemons	1,267	2.04	-	95.78	-	-	2.17
Mangoes	3,245	8.69	-	84.69	-	-	6.62
Oranges	25,754	13.85	-	81.85	-	-	4.3
Papayas	90	75	-	22.86	-	-	2.14
Pineapples	-	-	-	-	-	-	-
Chat	3,680	23.02	-	68.23	-	0.3	8.44
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

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		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	1,669,590	68.4	10.62	17.31	0.89	0.21	2.59
<b>Cereals</b>	1,609,464	72.91	10.84	12.24	1.03	0.14	2.85
Teff	-	-	-	-	-	-	-
Barley	20,868	39.38	13.13	46.56	0.63	-	0.31
Wheat	113,293	53.06	9.86	35.14	0.14	-	1.81
Maize	651,959	77.84	9.66	7.5	1.2	0.21	3.59
Sorghum	823,345	74.9	12.32	9.16	1.06	0.1	2.45
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	4,481	59.22	6.72	31.41	-	1.25	1.41
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	4,457	60	6.83	30.67	-	1.33	1.17
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	24	80	10	10	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	55,645	18	11.83	69.83	-	-	0.33
Neug	-	-	-	-	-	-	-
Linseed	59	85	15	-	-	-	-
Groundnuts	55,586	13.21	11.61	74.82	-	-	0.36
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	28,946	24.62	2.69	61.92	-	-	10.77
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	28,857	23.33	2.92	62.92	-	-	10.83
Green peppers	89	80	-	-	-	-	20
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	115,698	22.44	7.44	62.79	-	-	7.33
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	114,069	19.15	7.8	65.85	-	-	7.2
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	1,629	80	-	-	-	-	20
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	103,139	44.1	-	46.79	3.28	0.9	4.93
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	609	15	-	80	5	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	102,529	44.38	-	46.48	3.05	0.94	5.16
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

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	204,997	72.5	7.63	15.92	-	1.45	2.5
Cereals	183,112	67.45	10	16.28	-	2.34	3.94
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	178,453	68.57	10.24	14.17	-	2.62	4.4
Sorghum	4,659	58	8	34	-	-	-
Finger millet	-	-	-	-	-	-	-
Oats “Aja”	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Pulses	21,885	80.69	3.79	15.34	-	-	0.17
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	2,820	97.78	2.22	-	-	-	-
Haricot beans	19,065	73	4.5	22.25	-	-	0.25
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	240	15	-	85	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	240	15	-	85	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	103	15	-	82.5	-	-	2.5
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	103	15	-	82.5	-	-	2.5
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / ‘Godere’	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	7,149	33.18	4.55	59.55	-	-	2.73
Avocados	-	-	-	-	-	-	-
Bananas	5,610	13.33	-	86.67	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	265	5	-	95	-	-	-
Mangoes	316	30	-	60	-	-	10
Oranges	-	-	-	-	-	-	-
Papayas	958	48.33	8.33	40	-	-	3.33
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
<b>Grain Crops</b>	4,448,425	61.79	10.54	24.82	1.46	0.41	0.97
<b>Cereals</b>	3,540,139	74.71	10.38	11.6	1.45	0.66	1.2
Teff	267,029	59.63	12.72	23.59	2.64	0.25	1.16
Barley	8,284	64.75	22.46	11.59	-	0.89	0.32
Wheat	40,685	65.92	18.99	12.61	0.07	0.28	2.14
Maize	1,465,778	79.06	8.85	9.12	1.06	0.95	0.96
Sorghum	1,295,404	75.96	10.2	10.95	0.93	0.56	1.41
Finger millet	437,008	74.21	10.35	10.44	3.29	0.31	1.41
Oats "Aja"	810	60.71	15.71	22.14	-	-	1.43
Rice	25,142	51.06	15.44	25	2.78	2.11	3.61
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	363,011	65.52	10.47	22.61	0.98	0.01	0.42
Horse beans white	7,251	69.64	15.87	13.26	1.09	0.14	-
Horse beans red	4,851	69.39	17.44	12.47	0.69	-	-
Field peas	40,290	76.9	7.69	14.15	1.02	-	0.25
Haricot beans	60,640	80.45	7.3	10.42	1.28	-	0.55
Chick – peas	4,543	59.72	23.28	16.08	0.92	-	-
Lentils	254	70	30	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	245,171	22.71	12.21	63.77	0.54	-	0.78
Fenugreek	12	78.18	4.09	17.73	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	545,275	26.23	11.02	60.2	1.81	0.02	0.73
Neug	41,516	19.85	11.75	67.37	0.21	0.1	0.72
Linseed	1,952	65.07	11.68	22.67	-	-	0.58
Groundnuts	307,098	30.96	12.43	52.11	2.98	-	1.52
Safflower	320	68	14	18	-	-	-
Sesame	192,791	12.14	10.34	74.73	2.45	-	0.34
Rapeseed	1,598	62.05	3.93	34.02	-	-	-
<b>Vegetables</b>	23,440	84.09	1.27	13.49	0.71	-	0.45
Lettuce	-	-	-	-	-	-	-
Head cabbage	68	84.91	1.05	14	-	-	0.05
Ethiopian cabbage	1,269	90.05	1.15	8.79	-	-	-
Tomatoes	679	78.21	3.93	17.38	-	-	0.48
Green peppers	566	81.81	0.17	16.47	1.41	-	0.14
Red peppers	20,857	83.54	1.15	13.69	0.94	-	0.68
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	135,779	79.49	3.81	16.06	0.24	-	0.39
Beetroot	188	77.27	-	22.73	-	-	-
Carrot	2	100	-	-	-	-	-
Onion	7,542	63.96	3.98	31.56	0.25	-	0.25
Potatoes	18,334	76.11	16.3	5.56	2.04	-	-
Yam	-	-	-	-	-	-	-
Garlic	326	71.56	11.03	17.32	-	-	0.09
Taro / 'Godere'	6,220	94.23	2.02	3.46	-	-	0.29
Sweet potatoes	103,168	84.44	0.28	14.44	0.22	-	0.62
<b>Permanent crops</b>	122,799	55.14	0.32	43.27	-	0.02	1.25
Avocados	-	-	-	-	-	-	-
Bananas	23,187	46.23	0.18	52.82	-	-	0.77
Guavas	376	77.65	0.32	19.45	-	-	2.58
Lemons	974	40.56	-	55.97	-	-	3.47
Mangoes	54,026	59.34	0.12	38.45	-	0.03	2.06
Oranges	3,849	56.36	-	42.78	-	0.11	0.74
Papayas	1,636	75.69	0.14	21.32	-	-	2.85
Pineapples	-	-	-	-	-	-	-
Chat	12,390	34.12	0.56	64.77	-	-	0.56
Coffee	2,807	63.23	0.56	35.87	-	-	0.34
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	23,553	23.29	2.58	71.87	-	-	2.26
<b>Enset</b>	-	-	-	-	-	-	-

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
<b>Grain Crops</b>	2,550,578	57.07	11.51	25.96	3.76	0.39	1.32
<b>Cereals</b>	1,894,546	70.65	10.84	12.54	3.79	0.62	1.56
Teff	219,313	62.9	13.06	16.78	5.07	-	2.19
Barley	7,591	66.5	27.5	4.17	-	1.56	0.28
Wheat	35,931	66.18	21.13	10.39	0.13	0.53	1.63
Maize	619,072	76.99	7.55	10.34	2.72	1.06	1.34
Sorghum	593,834	71.57	10.44	13.24	3.3	0.59	0.87
Finger millet	392,881	66.74	10.45	13.88	6.75	0.01	2.16
Oats "Aja"	801	76.67	23.33	-	-	-	-
Rice	25,123	50.88	16.75	22.81	3.13	2.38	4.06
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	244,322	64.48	12.26	20.63	2.16	0.03	0.45
Horse beans white	6,791	72.14	16.43	9.91	1.34	0.18	-
Horse beans red	4,826	69.35	18.71	11.13	0.81	-	-
Field peas	34,888	79.81	7.32	10.6	1.93	-	0.33
Haricot beans	29,721	77.46	7.66	8.84	4.66	-	1.38
Chick – peas	1,417	81	2.5	-	16.5	-	-
Lentils	250	63.75	36.25	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	166,422	2.7	15.85	81.45	-	-	-
Fenugreek	6	100	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	411,710	15.56	12.71	65.5	4.86	0.06	1.32
Neug	7,912	15.46	19.54	58.19	2	0.96	3.85
Linseed	551	47.5	33.75	15	-	-	3.75
Groundnuts	288,178	10.54	13.67	68.5	5.17	-	2.12
Safflower	320	56.67	20	23.33	-	-	-
Sesame	113,581	8.81	11.41	73.32	6.21	-	0.25
Rapeseed	1,169	66.76	5.29	27.94	-	-	-
<b>Vegetables</b>	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	54,596	68.95	13.61	16.99	0.41	-	0.04
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	18,087	78.33	19.52	0.95	1.19	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	1,891	100	-	-	-	-	-
Sweet potatoes	34,619	82.76	0.48	14.95	1.57	-	0.24
<b>Permanent crops</b>	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.6.2- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Asosa							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	938,094	67.05	10.4	21.39	0.08	0.72	0.37
<b>Cereals</b>	824,598	78.32	10.29	9.74	0.02	1.1	0.52
Teff	38,625	56.73	11.73	30.32	-	1.15	0.06
Barley	15	90	10	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	372,391	81.21	9.45	7.56	-	1.34	0.44
Sorghum	381,336	78.72	10.67	8.9	0.06	0.75	0.9
Finger millet	32,218	83.61	11.34	3.82	-	1.24	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	14	100	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	57,788	58.05	10.89	30.53	0.53	-	-
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	2,832	72.49	8.94	18.57	-	-	-
Haricot beans	13,064	82.61	5.68	11.7	-	-	-
Chick – peas	2,993	60.52	24.92	14.56	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	38,899	32.69	10.06	55.86	1.38	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	55,708	38.4	10.42	51.05	-	-	0.13
Neug	26,431	16.36	10.48	73.16	-	-	-
Linseed	733	73.59	10.31	16.1	-	-	-
Groundnuts	11,464	57.37	10.67	31.48	-	-	0.48
Safflower	-	-	-	-	-	-	-
Sesame	17,080	36.28	10.12	53.59	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	16,955	85.86	0.58	13.56	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	283	100	-	-	-	-	-
Tomatoes	505	82.5	-	17.5	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	16,167	84.08	0.74	15.18	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	38,114	81.91	0.36	17.36	-	-	0.36
Beetroot	178	71.67	-	28.33	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	1,078	90	0.45	9.55	-	-	-
Potatoes	146	25	10	65	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	109	100	-	-	-	-	-
Sweet potatoes	36,604	80.39	0.07	19.01	-	-	0.53
<b>Permanent crops</b>	94,341	63.78	0.27	35	-	-	0.95
Avocados	-	-	-	-	-	-	-
Bananas	15,778	44.61	-	55.39	-	-	-
Guavas	376	74.58	-	23.32	-	-	2.11
Lemons	915	50.83	-	45	-	-	4.17
Mangoes	50,733	62.11	0.2	36.6	-	-	1.09
Oranges	3,291	60.2	-	39	-	-	0.8
Papayas	959	89.21	-	8.16	-	-	2.63
Pineapples	-	-	-	-	-	-	-
Chat	1,671	33.19	-	66.42	-	-	0.38
Coffee	1,385	93.66	-	6.34	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	19,233	19.64	5.71	70.36	-	-	4.29
<b>Enset</b>	-	-	-	-	-	-	-



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
<b>Grain Crops</b>	779,679	57.98	8.95	30.65	0.86	0.41	1.14
<b>Cereals</b>	655,948	72.96	9.35	14.71	0.9	0.74	1.33
Teff	6,042	71.27	14.03	13.18	1.21	-	0.3
Barley	-	-	-	-	-	-	-
Wheat	3	100	-	-	-	-	-
Maize	388,365	73.71	9.22	14.18	1.04	0.99	0.85
Sorghum	258,415	70.88	9.14	16.5	0.7	0.64	2.13
Finger millet	3,124	84.54	7.54	6.25	1.04	-	0.63
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	55,880	71.29	7.14	20.39	0.34	-	0.84
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	1,994	80.49	6.4	12.22	0.89	-	-
Haricot beans	14,330	87.03	6.07	6.2	0.23	-	0.46
Chick – peas	-	-	-	-	-	-	-
Lentils	2	100	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	39,555	8.43	12	76.43	-	-	3.14
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	67,851	17.43	9.33	71.18	1.13	-	0.93
Neug	1,731	56.48	11.72	29.6	-	-	2.2
Linseed	-	-	-	-	-	-	-
Groundnuts	6,743	68.75	6.97	20.78	1.25	-	2.25
Safflower	-	-	-	-	-	-	-
Sesame	59,377	4.99	9.44	83.71	1.26	-	0.61
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	4,779	86.41	0.94	10.27	0.98	-	1.41
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	110	95.44	-	4.56	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	243	78.64	-	20.91	-	-	0.45
Red peppers	4,426	82.19	1.64	12.05	1.71	-	2.4
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	23,377	86.16	0.58	12.19	0.18	-	0.89
Beetroot	10	73.33	-	26.67	-	-	-
Carrot	2	100	-	-	-	-	-
Onion	1,872	72.38	-	26.19	0.95	-	0.48
Potatoes	8	100	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	145	94.12	-	5.88	-	-	-
Taro / 'Godere'	542	100	-	-	-	-	-
Sweet potatoes	20,797	87.66	1.02	9.92	-	-	1.41
<b>Permanent crops</b>	2,939	70.63	-	28.24	-	-	1.13
Avocados	-	-	-	-	-	-	-
Bananas	1,683	68.67	-	31.33	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	24	68.33	-	31.67	-	-	-
Mangoes	259	68	-	30	-	-	2
Oranges	7	71.67	-	28.33	-	-	-
Papayas	341	82.5	-	17.5	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	627	50	-	50	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

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
<b>Grain Crops</b>	180,074	66.3	10.68	21.81	0.13	0.13	0.95
<b>Cereals</b>	165,046	77.7	10.6	9.97	0.18	0.21	1.33
Teff	3,049	48.48	12.35	39.02	-	-	0.15
Barley	678	59.79	16.88	22.92	-	-	0.42
Wheat	4,751	64.53	17.03	15.63	-	-	2.81
Maize	85,951	84.25	9.5	4.62	0.15	0.32	1.16
Sorghum	61,819	81.11	10.45	6.12	0.35	0.2	1.77
Finger millet	8,785	78.16	9.97	10.26	0.09	0.17	1.35
Oats "Aja"	8	48.75	10	38.75	-	-	2.5
Rice	6	5	10	85	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	5,022	68.47	10.61	20.61	-	-	0.31
Horse beans white	460	55.42	14.58	30	-	-	-
Horse beans red	25	62	12	26	-	-	-
Field peas	576	68.52	9.26	21.48	-	-	0.74
Haricot beans	3,525	73.29	9.49	17.09	-	-	0.13
Chick – peas	133	52.78	23.33	23.89	-	-	-
Lentils	2	90	10	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	295	62.25	11	25.75	-	-	1
Fenugreek	6	73.33	5	21.67	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	10,006	36.93	10.89	51.78	0.09	-	0.31
Neug	5,441	14.89	10.94	73.94	-	-	0.22
Linseed	668	62.97	11.2	25.21	-	-	0.63
Groundnuts	713	41.9	13.96	43.16	0.59	-	0.39
Safflower	-	-	-	-	-	-	-
Sesame	2,754	17.66	11.03	71.31	-	-	-
Rapeseed	430	54.77	1.82	43.41	-	-	-
<b>Vegetables</b>	1,706	82.61	1.49	15.47	0.07	-	0.36
Lettuce	-	-	-	-	-	-	-
Head cabbage	68	91.43	-	8.57	-	-	-
Ethiopian cabbage	877	79.73	2.84	17.43	-	-	-
Tomatoes	174	73.08	2.69	23.46	-	-	0.77
Green peppers	323	88.8	0.4	10.8	-	-	-
Red peppers	264	85.81	0.47	12.79	0.23	-	0.7
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	19,691	81.65	0.88	16.81	0.28	-	0.37
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	4,592	51.6	0.8	47.2	-	-	0.4
Potatoes	93	80	5	-	15	-	-
Yam	-	-	-	-	-	-	-
Garlic	180	62.5	3.93	32.86	-	-	0.71
Taro / 'Godere'	3,679	93.33	2.33	4	-	-	0.33
Sweet potatoes	11,148	85.5	-	13.91	0.23	-	0.35
<b>Permanent crops</b>	25,519	43.65	0.4	54.67	-	0.04	1.24
Avocados	-	-	-	-	-	-	-
Bananas	5,726	45.46	0.39	52.5	-	-	1.64
Guavas	-	-	-	-	-	-	-
Lemons	35	23.33	-	73.89	-	-	2.78
Mangoes	3,035	48.06	-	47.45	-	0.2	4.29
Oranges	551	50.71	-	48.3	-	0.18	0.8
Papayas	337	52.06	-	46.76	-	-	1.18
Pineapples	-	-	-	-	-	-	-
Chat	10,720	31.87	0.69	66.83	-	-	0.61
Coffee	1,422	43.04	0.7	55.58	-	-	0.68
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	3,693	29.44	-	69.44	-	-	1.11
<b>Enset</b>	-	-	-	-	-	-	-

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
<b>Grain Crops</b>	21,470,955	60.84	12.9	22.77	0.42	0.49	2.58
<b>Cereals</b>	18,535,264	59.11	12.8	23.92	0.45	0.71	3.01
Teff	3,275,060	36.92	14.87	45.03	0.42	0.06	2.71
Barley	1,323,560	58.74	17.16	20.53	0.47	0.56	2.55
Wheat	2,816,856	50.87	16.65	28.45	0.77	0.2	3.06
Maize	8,877,524	71.36	8.56	15.27	0.35	1.34	3.12
Sorghum	2,194,067	72.98	10.4	11.29	0.41	1.14	3.78
Finger millet	44,089	84.37	10.46	4.05	0.15	0.06	0.91
Oats "Aja"	3,296	61.18	21.86	13.63	0.49	1.57	1.27
Rice	811	42.76	15.52	35	0.86	0.34	5.52
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	2,902,871	64.7	12.91	20.12	0.38	0.09	1.8
Horse beans white	1,048,147	63.01	12.53	21.78	0.46	0.01	2.2
Horse beans red	762,206	56.98	14.34	25.88	0.43	0.08	2.29
Field peas	62,270	76.67	11.42	10.65	0.25	0.05	0.96
Haricot beans	859,010	70.64	12.13	15.43	0.31	0.15	1.35
Chick – peas	149,649	59.88	9.63	29.54	0.24	0.29	0.41
Lentils	7,597	52.25	21.5	23.26	0.89	0.04	2.05
Vetch	9,905	59	14	18	-	9	-
Soya beans	1,901	76.4	7.6	14.6	-	0.8	0.6
Fenugreek	2,187	53.59	20.31	25.21	-	-	0.89
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	32,820	51.89	16.01	30.11	0.15	-	1.84
Neug	3,472	28.33	9.17	62.5	-	-	-
Linseed	6,195	63.37	16.04	17.87	0.29	-	2.43
Groundnuts	2,962	33.33	18.06	46.39	0.56	-	1.67
Safflower	515	69.34	5.09	20.71	-	-	4.86
Sesame	17,380	22.83	15.42	61.42	-	-	0.33
Rapeseed	2,297	49.55	20.53	28.96	-	-	0.95
<b>Vegetables</b>	2,879,906	78.32	0.72	19.09	0.17	0.13	1.57
Lettuce	-	-	-	-	-	-	-
Head cabbage	54,750	65.97	0.66	29.23	0.1	2.76	1.28
Ethiopian cabbage	2,173,772	83.82	0.56	13.74	0.15	0.06	1.67
Tomatoes	9,354	65.28	0.87	32.83	-	-	1.02
Green peppers	88,272	80.1	0.29	18.28	0.06	0.02	1.25
Red peppers	553,758	36.78	2.5	58.9	0.5	-	1.31
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	19,204,857	74.87	9.64	13.01	0.23	1.31	0.95
Beetroot	25,568	78.02	0.55	21.13	0.06	-	0.23
Carrot	6,470	68.65	0.11	30.67	0.34	-	0.22
Onion	53,815	57.4	6.94	34.68	-	-	0.97
Potatoes	1,304,682	58.48	27.51	12.87	0.3	0.17	0.67
Yam	-	-	-	-	-	-	-
Garlic	131,332	51.92	15.2	31.75	0.17	0.25	0.71
Taro / 'Godere'	10,644,561	79.62	10.81	7.7	0.21	0.76	0.9
Sweet potatoes	7,038,429	79.96	0.44	14.02	0.35	3.89	1.34
<b>Permanent crops</b>	14,745,748	56.65	0.37	39.84	0.45	1.14	1.55
Avocados	176,740	53.34	0.18	44.88	0.16	0.23	1.21
Bananas	2,458,438	47.06	0.31	50.93	0.16	0.2	1.34
Guavas	1,546	70.61	0.28	25.69	-	-	3.43
Lemons	14,286	46.67	1.15	47.74	0.11	0.07	4.26
Mangoes	307,980	64.6	0.2	33.38	0.09	0.03	1.7
Oranges	70,092	61.32	0.1	36.28	0.15	0.03	2.13
Papayas	170,512	82.07	0.26	15.97	0.06	0.02	1.62
Pineapples	4,919	52.55	-	47.21	-	-	0.24
Chat	578,946	21.59	0.36	75.92	0.22	0.01	1.9
Coffee	1,373,468	43.73	0.37	54.22	0.55	*	1.13
Hops (Gesho)	527	31.26	0.78	66.09	0.36	0.31	1.19
Sugar cane	9,588,294	46.45	1.06	42.79	0.18	7.58	1.94
<b>Enset</b>	51,394,432	83.81	0.31	10.79	0.93	2.33	1.82

TABLE 1.7.1- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Gurage							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	2,561,354	64.48	9.5	23.91	0.68	0.29	1.15
<b>Cereals</b>	2,323,545	63.7	9.19	24.98	0.59	0.35	1.18
Teff	511,984	34.42	8.79	55.05	0.77	-	0.97
Barley	238,479	65.25	14.66	16.47	1.25	0.44	1.94
Wheat	370,063	64.83	12.37	21.17	0.73	0.06	0.84
Maize	1,098,718	79.7	4.22	13.75	0.1	0.85	1.38
Sorghum	103,309	78.66	7.16	13.6	0.13	0.13	0.32
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	992	84	11	4	-	-	1
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	234,832	69.23	10.34	18.19	1	0.11	1.12
Horse beans white	106,676	71.39	11.71	13.84	1.32	0.19	1.55
Horse beans red	21,551	77.22	9.44	11.67	0.89	-	0.78
Field peas	8,107	84.57	6.09	8.04	0.87	-	0.43
Haricot beans	-	-	-	-	-	-	-
Chick – peas	88,185	38.88	8.33	52.48	-	-	0.3
Lentils	1,648	71.67	9.17	19.17	-	-	-
Vetch	8,666	40	10	50	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	2,977	33.68	11.84	54.47	-	-	-
Neug	2,697	10	9.44	80.56	-	-	-
Linseed	248	80	20	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	32	12.5	10	77.5	-	-	-
<b>Vegetables</b>	207,626	80.42	1.29	16.32	0.47	0.18	1.33
Lettuce	-	-	-	-	-	-	-
Head cabbage	7,090	73.26	0.43	23.91	0.65	0.43	1.3
Ethiopian cabbage	137,268	87.79	1.36	8.95	0.48	0.19	1.22
Tomatoes	-	-	-	-	-	-	-
Green peppers	113	73.75	-	18.75	-	-	7.5
Red peppers	63,154	32.74	2.58	64.35	-	-	0.32
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	268,753	66.52	13.3	18.36	0.17	0.17	1.49
Beetroot	5,730	89	-	10	-	-	1
Carrot	1,200	91.32	-	6.58	1.58	-	0.53
Onion	-	-	-	-	-	-	-
Potatoes	82,000	68.75	17.19	10.94	-	0.94	2.19
Yam	-	-	-	-	-	-	-
Garlic	30,202	41.44	20.82	35.68	0.14	-	1.92
Taro / 'Godere'	149,622	84.85	9.9	4.55	-	-	0.7
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	169,419	65.27	0.31	32.3	0.29	0.67	1.15
Avocados	13,635	70.25	-	29.15	-	-	0.6
Bananas	34,007	65.28	-	34.34	-	-	0.38
Guavas	-	-	-	-	-	-	-
Lemons	399	17.5	-	81.25	0.63	-	0.63
Mangoes	5,649	64.29	-	35.71	-	-	-
Oranges	24,641	50.09	-	49.39	-	-	0.52
Papayas	18,581	61.36	-	37.42	-	-	1.21
Pineapples	-	-	-	-	-	-	-
Chat	56,611	20.02	0.07	78.86	0.15	-	0.89
Coffee	15,895	82.9	0.92	14.52	0.04	-	1.61
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	2,526,386	91.21	0.07	5.03	0.54	1.97	1.18

TABLE 1.7.2- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Hadiya							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent	Utilized	For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	2,531,242	63.36	10.24	24.5	0.25	0.64	1.02
<b>Cereals</b>	2,260,277	62.12	10.39	25.12	0.3	0.86	1.2
Teff	497,514	32.71	9.22	57.2	0.06	-	0.81
Barley	127,869	76.91	11.6	10.56	0.14	0.56	0.23
Wheat	792,861	48.57	15.9	33.02	0.46	-	2.04
Maize	672,778	83.07	7.06	5.57	0.39	2.19	1.71
Sorghum	166,292	81.86	9.15	6.16	0.45	1.63	0.74
Finger millet	2,963	91.5	5.5	3	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	268,618	67.17	9.79	22.48	0.08	-	0.48
Horse beans white	170,030	66.63	8.48	23.99	0.14	-	0.76
Horse beans red	72,217	60.28	9.82	29.46	-	-	0.44
Field peas	3,686	77.86	16.9	5.24	-	-	-
Haricot beans	19,578	77.43	9.8	12.5	0.07	-	0.2
Chick – peas	66	100	-	-	-	-	-
Lentils	860	28	9	63	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	1,901	15	2.5	82.5	-	-	-
Fenugreek	281	20	36.67	43.33	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	2,346	64.64	10.18	24.82	-	-	0.36
Neug	-	-	-	-	-	-	-
Linseed	657	86.15	9.62	3.46	-	-	0.77
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	1,689	46	10.67	43.33	-	-	-
<b>Vegetables</b>	298,898	81.85	0.63	16.28	0.19	0.03	1.02
Lettuce	-	-	-	-	-	-	-
Head cabbage	1,480	95	-	5	-	-	-
Ethiopian cabbage	269,589	89.15	0.04	9.38	0.15	0.04	1.25
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	27,829	17.5	4.05	76.79	0.95	-	0.71
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	743,267	79.25	11.97	8.07	0.11	0.06	0.54
Beetroot	5,242	97.14	-	2.86	-	-	-
Carrot	192	72	-	28	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	104,535	59.3	33.5	6	0.2	-	1
Yam	-	-	-	-	-	-	-
Garlic	646	74.44	11.11	14.44	-	-	-
Taro / 'Godere'	632,652	76.9	10.86	11.03	0.17	0.17	0.86
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	931,764	63.05	0.2	34.5	0.24	0.7	1.32
Avocados	-	-	-	-	-	-	-
Bananas	160,141	57.91	-	41.42	0.1	0.07	0.51
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	4,498	72.61	-	27.39	-	-	-
Oranges	187	46.67	-	50	-	-	3.33
Papayas	1,012	82.38	-	17.62	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	9,528	13.25	-	85.68	-	-	1.07
Coffee	38,158	65.65	0.09	32.91	0.09	-	1.26
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	718,241	25.25	2.17	64.97	-	6.67	0.95
<b>Enset</b>	1,439,456	85.74	0.06	9.91	0.7	0.89	2.7

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
<b>Grain Crops</b>	692,072	73.41	9.14	15.34	0.54	0.11	1.46
<b>Cereals</b>	578,334	69.78	9.94	17.79	0.69	0.15	1.64
Teff	126,112	47.93	9.25	40.11	0.65	-	2.07
Barley	17,804	79.65	14.06	4.35	1.18	-	0.76
Wheat	289,461	62.74	14.63	19.76	1.03	0.02	1.81
Maize	63,833	90.32	2.76	3.93	0.53	0.53	1.95
Sorghum	79,246	89.14	5.92	3.14	0.18	0.42	1.21
Finger millet	1,707	87.14	5	7.14	-	-	0.71
Oats "Aja"	170	35	65	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	113,600	80.1	7.21	11.17	0.34	0.04	1.15
Horse beans white	75,881	79.59	6.49	12.13	0.63	-	1.17
Horse beans red	27,812	80.98	3.95	13.65	0.07	-	1.35
Field peas	-	-	-	-	-	-	-
Haricot beans	9,843	80.34	12.21	6.58	-	-	0.87
Chick – peas	-	-	-	-	-	-	-
Lentils	64	50	50	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	138	48.65	24.19	24.81	-	-	2.35
Neug	-	-	-	-	-	-	-
Linseed	138	80	2.5	17.5	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	124,973	79.07	0.25	18.06	0.13	0.95	1.54
Lettuce	-	-	-	-	-	-	-
Head cabbage	13,257	44.26	-	40.74	-	14.81	0.19
Ethiopian cabbage	103,041	85.25	0.03	12.76	0.16	-	1.8
Tomatoes	4,441	39.75	-	60	-	-	0.25
Green peppers	-	-	-	-	-	-	-
Red peppers	4,234	30.13	5.94	62.38	-	-	1.56
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	692,268	62.27	26.19	10.31	0.35	0.31	0.58
Beetroot	5,273	70.19	-	29.81	-	-	-
Carrot	3,762	20.83	-	79.17	-	-	-
Onion	4	100	-	-	-	-	-
Potatoes	301,144	42.01	46.88	9.72	0.95	-	0.43
Yam	-	-	-	-	-	-	-
Garlic	1,727	33.13	35.63	25	-	6.25	-
Taro / 'Godere'	357,053	75	19.38	4.94	-	0.21	0.47
Sweet potatoes	23,306	97.55	-	0.21	-	-	2.23
<b>Permanent crops</b>	364,674	58.74	0.54	37.05	0.26	1.66	1.75
Avocados	-	-	-	-	-	-	-
Bananas	125,138	39.2	0.79	57.55	-	0.37	2.09
Guavas	-	-	-	-	-	-	-
Lemons	194	21	-	78	-	-	1
Mangoes	17,794	50.66	-	48.33	-	-	1.02
Oranges	814	50.42	-	46.25	-	-	3.33
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	499	17.88	-	81.15	0.38	-	0.58
Coffee	11,773	61.76	0.19	36.29	0.08	0.04	1.64
Hops (Geshe)	-	-	-	-	-	-	-
Sugar cane	208,462	30.47	2.64	45.79	-	19.89	1.21
<b>Enset</b>	33,220	87.93	0.24	7.64	0.53	1.13	2.54

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
<b>Grain Crops</b>	1,564,567	63.36	7.02	26.74	0.48	0.25	2.15
<b>Cereals</b>	1,245,527	64.16	7.06	24.81	0.53	0.48	2.97
Teff	118,021	35.96	12.45	50.74	0.11	-	0.74
Barley	187,306	52.46	15.75	27.54	0.6	-	3.66
Wheat	28,976	40.31	8.75	36.25	1.88	6.25	6.56
Maize	894,161	74.47	2.99	18.5	0.56	0.32	3.17
Sorghum	17,064	76.67	7.86	14.29	-	0.24	0.95
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	319,039	62.58	7.01	28.77	0.41	-	1.23
Horse beans white	87,402	59.81	6.87	32.1	0.09	-	1.12
Horse beans red	15,310	45	14.05	37.62	1.43	-	1.9
Field peas	7,193	60	7.5	32.5	-	-	-
Haricot beans	208,970	66.3	6.35	25.62	0.49	-	1.24
Chick – peas	165	20	-	80	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	-	-	-	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	636,373	71.89	0.24	25.34	0.11	-	2.42
Lettuce	-	-	-	-	-	-	-
Head cabbage	3,435	100	-	-	-	-	-
Ethiopian cabbage	552,802	76.12	0.27	20.88	0.12	-	2.6
Tomatoes	-	-	-	-	-	-	-
Green peppers	67,457	48.38	-	50.15	-	-	1.47
Red peppers	12,680	28.67	-	70.33	-	-	1
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	1,370,144	65.59	1.73	30.41	0.59	0.13	1.55
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	135,094	61.25	3.89	33.47	-	-	1.39
Yam	-	-	-	-	-	-	-
Garlic	7,970	12.92	8.75	76.25	-	-	2.08
Taro / 'Godere'	109,031	96.67	-	3.03	0.3	-	-
Sweet potatoes	1,118,048	60.46	0.18	35.85	1.06	0.25	2.2
<b>Permanent crops</b>	7,989,250	41.29	0.4	56.05	0.38	0.31	1.58
Avocados	65,780	27.94	-	71.01	-	-	1.05
Bananas	602,917	17.05	-	81.82	0.21	-	0.92
Guavas	1,500	42.22	-	56.67	-	-	1.11
Lemons	-	-	-	-	-	-	-
Mangoes	6,466	35.71	-	64.29	-	-	-
Oranges	1,909	32.5	-	66.67	-	-	0.83
Papayas	16,316	50	-	50	-	-	-
Pineapples	4,139	15	-	85	-	-	-
Chat	422,668	2.65	-	97.08	-	-	0.27
Coffee	633,839	31.34	1	66.12	0.26	-	1.28
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	6,233,718	15.8	0.95	77.25	0.9	4.05	1.05
<b>Enset</b>	30,326,783	83.95	0.23	11.91	0.72	0.24	2.95

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
<b>Grain Crops</b>	238,581	56.65	11.43	28.77	0.79	0.18	2.18
<b>Cereals</b>	205,372	53.23	11.97	31.46	0.65	0.28	2.42
Teff	5,545	38.33	5	56.67	-	-	-
Barley	28,608	49.66	15.93	32.88	-	-	1.53
Wheat	6,774	48.33	14.17	35	-	-	2.5
Maize	164,430	56.92	10	29.19	0.76	-	3.13
Sorghum	17	50	-	5	20	25	-
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	33,176	62.97	10.44	23.79	1.1	-	1.7
Horse beans white	28,520	57.05	10.54	30.36	-	-	2.05
Horse beans red	1,616	59.64	15	21.79	0.71	-	2.86
Field peas	-	-	-	-	-	-	-
Haricot beans	2,513	92.67	7.33	-	-	-	-
Chick – peas	528	65	20	15	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	33	65	10	22.5	-	-	2.5
Neug	-	-	-	-	-	-	-
Linseed	33	75	20	-	-	-	5
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	112,168	83.49	0.26	15	0.22	-	1.03
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	109,029	84.51	0.25	14.18	0.25	-	0.8
Tomatoes	-	-	-	-	-	-	-
Green peppers	3,102	75.54	0.36	20.89	-	-	3.21
Red peppers	37	75	-	25	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	124,089	83.14	1.76	13.75	0.27	-	1.09
Beetroot	1,121	55.83	7.5	36.67	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	88,107	93.45	0.67	4.83	-	-	1.05
Sweet potatoes	34,862	66.53	-	30.85	1.5	-	1.13
<b>Permanent crops</b>	403,705	45.35	0.03	52.81	0.28	0.01	1.52
Avocados	-	-	-	-	-	-	-
Bananas	50,413	31.18	-	66.61	0.26	0.11	1.84
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	11,905	25.34	-	73.28	-	-	1.38
Oranges	309	60	-	33.33	-	-	6.67
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	3,378	8.5	-	91.25	-	-	0.25
Coffee	168,885	20.15	0.04	77.57	0.35	-	1.9
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	168,816	21.74	-	76.96	-	-	1.3
<b>Enset</b>	11,120,713	83.3	0.02	15.24	0.31	-	1.12



TABLE 1.7.6- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Wolayita							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent	Utilized	For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	1,013,383	63.63	11.87	22.43	0.45	0.82	0.8
<b>Cereals</b>	643,134	51.01	12.7	32.99	0.54	1.51	1.25
Teff	341,267	29.69	12.42	56.16	0.56	0.04	1.12
Barley	3,238	62.53	30.89	6.05	-	-	0.53
Wheat	27,073	61.56	12.6	24.38	0.21	0.21	1.04
Maize	247,631	75.19	7.37	10.71	0.66	4.14	1.93
Sorghum	23,580	76.27	15.68	2.72	0.67	3.67	1
Finger millet	65	90	10	-	-	-	-
Oats "Aja"	281	-	67.5	32.5	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	370,249	73.53	10.95	14.36	0.39	0.3	0.47
Horse beans white	13,298	83.24	7.06	9.29	0.12	-	0.29
Horse beans red	60,074	75.45	8.33	15.72	0.08	0.08	0.35
Field peas	1,580	72.5	12.5	15	-	-	-
Haricot beans	267,793	71.88	12.91	13.94	0.61	0.14	0.52
Chick – peas	27,505	65	9.61	23.69	-	0.88	0.82
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	-	-	-	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	118,873	79.21	0.36	19.19	-	0.19	1.05
Lettuce	-	-	-	-	-	-	-
Head cabbage	19,701	68.13	-	30.63	-	0.63	0.63
Ethiopian cabbage	90,921	84	0.45	14.24	-	0.21	1.1
Tomatoes	-	-	-	-	-	-	-
Green peppers	985	84.55	-	14.13	-	-	1.32
Red peppers	7,267	40.24	0.48	58.57	-	-	0.71
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	6,977,421	73.63	15.27	7.45	0.19	2.64	0.82
Beetroot	1,695	73.85	-	25.38	-	-	0.77
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	216,548	43.26	48.03	7.7	-	0.9	0.11
Yam	-	-	-	-	-	-	-
Garlic	33	99	1	-	-	-	-
Taro / 'Godere'	3,566,668	67.48	22.26	8.82	0.33	0.42	0.7
Sweet potatoes	3,192,478	88.24	0.09	3.86	0.13	6.34	1.34
<b>Permanent crops</b>	1,382,393	48.59	0.55	46.61	0.29	2.59	1.37
Avocados	58,353	49	0.13	49.28	-	0.74	0.85
Bananas	241,640	34.41	0.64	64.22	0.01	0.01	0.71
Guavas	15	71.76	-	22.05	-	-	6.19
Lemons	1,941	33.91	-	62.39	-	-	3.7
Mangoes	130,049	52.98	0.01	44.74	0.07	0.13	2.06
Oranges	8,813	53.71	-	43.35	-	-	2.94
Papayas	2,832	76.17	-	22.8	-	-	1.02
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	67,985	41.74	0.44	56.72	0.24	-	0.86
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	870,764	34.93	3.32	33.56	-	26.85	1.34
<b>Enset</b>	640,193	85.21	0.35	7.88	1.72	2.03	2.81

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
<b>Grain Crops</b>	1,133,544	60.36	12.86	24.89	0.26	0.12	1.52
<b>Cereals</b>	1,057,950	62.11	12.25	23.4	0.37	0.18	1.69
Teff	52,496	39.22	11.81	48.13	-	-	0.84
Barley	42,174	57.74	12.86	27.2	0.83	0.36	1.01
Wheat	42,570	45.39	16.63	33.63	-	-	4.35
Maize	620,795	64.21	10.98	22.63	0.37	0.3	1.51
Sorghum	299,139	73.49	12.47	11.47	0.41	0.07	2.07
Finger millet	775	64.55	22.73	12.73	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	61,934	64.12	13.69	20.85	0.08	-	1.25
Horse beans white	18,089	54.17	14.04	29.1	-	-	2.69
Horse beans red	16,587	45.92	15.61	37.24	-	-	1.22
Field peas	3,571	76.43	14.57	7.93	0.36	-	0.71
Haricot beans	23,586	71.27	11.82	16.26	-	-	0.64
Chick – peas	-	-	-	-	-	-	-
Lentils	101	57.5	5	37.5	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	13,661	27.87	15.27	55.93	-	-	0.93
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	2,185	25	18.13	55.63	-	-	1.25
Safflower	473	56.18	7.35	32.94	-	-	3.53
Sesame	11,002	17.33	18.67	64	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	83,682	72.68	0.07	26.16	0.07	0.07	0.94
Lettuce	-	-	-	-	-	-	-
Head cabbage	1,091	64	-	36	-	-	-
Ethiopian cabbage	81,475	74.91	-	24.54	-	0.09	0.46
Tomatoes	-	-	-	-	-	-	-
Green peppers	662	70	1.67	25	-	-	3.33
Red peppers	454	55	-	40.33	0.67	-	4
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	484,712	76.18	0.72	20.14	-	1.34	1.61
Beetroot	89	100	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	21,959	45.29	0.86	51.57	-	-	2.29
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	2,204	41	9	50	-	-	-
Taro / 'Godere'	369,427	84.3	0.5	11.7	-	1.6	1.9
Sweet potatoes	91,033	78.69	-	18.57	-	1.67	1.07
<b>Permanent crops</b>	326,595	48.34	0.5	48.28	0.13	1.18	1.57
Avocados	-	-	-	-	-	-	-
Bananas	153,929	41.5	0.94	55.65	0.13	0.6	1.17
Guavas	-	-	-	-	-	-	-
Lemons	123	65	-	15	2.5	-	17.5
Mangoes	14,453	65.4	0.81	31.13	0.08	-	2.58
Oranges	77	50	-	36.67	-	-	13.33
Papayas	11,364	65.16	-	32.78	-	-	2.06
Pineapples	773	10	-	90	-	-	-
Chat	1,940	20	-	80	-	-	-
Coffee	21,798	17.75	0.58	80.64	-	-	1.04
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	122,138	30.91	-	66.93	-	-	2.16
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.7.8- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Shaka							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	316,339	64.41	10.59	12.52	0.16	0.2	12.12
<b>Cereals</b>	271,929	63.01	8.27	11.13	0.07	0.31	17.21
Teff	11,638	48.56	29.79	13.51	-	-	8.14
Barley	4,313	48.94	18.13	20.94	1.56	3.13	7.31
Wheat	422	58.33	25	16.67	-	-	-
Maize	74,467	65.07	2.53	13.53	-	-	18.86
Sorghum	181,088	67.09	4.64	7.81	-	0.3	20.16
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	44,410	67.53	15.17	14.71	0.32	-	2.27
Horse beans white	17,008	55.65	21.06	20.02	-	-	3.27
Horse beans red	25,944	47.34	23.78	24.22	0.93	-	3.73
Field peas	1,459	98.29	1.71	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	-	-	-	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	45,292	84.14	1.98	11.19	-	-	2.69
Lettuce	-	-	-	-	-	-	-
Head cabbage	577	46.67	-	36.67	-	-	16.67
Ethiopian cabbage	23,699	88.88	2.85	6.76	-	-	1.51
Tomatoes	4,121	29.75	-	57.75	-	-	12.5
Green peppers	5,134	78.16	-	20.95	-	-	0.89
Red peppers	11,761	72.92	-	6.25	-	-	20.83
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	196,681	84.37	9.17	5.41	0.08	0.23	0.74
Beetroot	609	10	-	80	10	-	-
Carrot	-	-	-	-	-	-	-
Onion	262	86.94	5.28	7.78	-	-	-
Potatoes	5,591	42.5	16.25	41.25	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	2,431	69.55	15.96	14.49	-	-	-
Taro / 'Godere'	173,264	89.65	7.31	1.73	0.06	0.38	0.88
Sweet potatoes	14,526	88.33	-	3.33	-	-	8.33
<b>Permanent crops</b>	349,372	60.84	0.1	34.5	2	2.02	0.53
Avocados	22,361	67.6	-	31.7	-	-	0.71
Bananas	19,784	58.2	-	41.06	-	-	0.74
Guavas	-	-	-	-	-	-	-
Lemons	836	69	-	29.5	-	-	1.5
Mangoes	12,048	87.74	-	11.25	-	-	1.01
Oranges	9,097	81.66	-	17.41	-	-	0.94
Papayas	15,991	99.28	-	-	-	-	0.72
Pineapples	-	-	-	-	-	-	-
Chat	2,143	24.88	-	74.72	-	-	0.4
Coffee	138,440	21.73	0.4	71.72	6.09	-	0.06
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	128,673	53.22	-	24.21	-	21.17	1.4
<b>Enset</b>	364,546	86.25	0.03	9.15	3.22	1.23	0.11

TABLE 1.7.9- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Kaffa							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	2,052,405	54.02	16.87	24.48	0.34	0.09	4.2
<b>Cereals</b>	1,557,682	50.67	17.21	27.03	0.33	0.15	4.61
Teff	345,001	48.04	20.57	27.45	0.11	-	3.83
Barley	176,364	43.69	19.61	31.79	0.3	0.18	4.42
Wheat	141,443	44.86	19	31	0.82	-	4.32
Maize	589,424	55.67	13.01	24.43	0.16	0.35	6.38
Sorghum	297,206	59.5	10.76	23.62	0.57	0.34	5.2
Finger millet	7,133	76.14	12.95	10.91	-	-	-
Oats "Aja"	1,111	51.67	24.17	13.33	4.17	-	6.67
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	494,080	58.56	15.71	21.59	0.36	-	3.78
Horse beans white	219,671	54.25	15.77	26.22	0.18	-	3.57
Horse beans red	216,424	52.18	16.45	29.08	0.28	-	2.03
Field peas	9,254	77.13	19.04	3.83	-	-	-
Haricot beans	48,732	66.16	14.34	11.42	0.84	-	7.23
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	642	58	36.8	5.2	-	-	-
Neug	39	75	12.5	12.5	-	-	-
Linseed	604	53.85	38.08	8.08	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	147,288	85.28	0.58	12.84	0.09	-	1.21
Lettuce	-	-	-	-	-	-	-
Head cabbage	3,897	68.44	-	28.44	-	-	3.13
Ethiopian cabbage	134,076	86.98	0.71	11	0.09	-	1.21
Tomatoes	-	-	-	-	-	-	-
Green peppers	5,718	84.68	0.32	13.77	0.13	-	1.1
Red peppers	3,596	74.39	-	25	-	-	0.61
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	1,056,962	83.74	6.47	8.77	0.09	0.12	0.82
Beetroot	4,381	70.71	-	29.29	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	128	80.24	4.27	15.49	-	-	-
Potatoes	13,003	78.33	3.33	17.5	-	-	0.83
Yam	-	-	-	-	-	-	-
Garlic	19,058	64.64	8.36	25.82	-	-	1.18
Taro / 'Godere'	990,340	87.77	7.24	3.85	0.15	0.2	0.79
Sweet potatoes	30,052	90.96	2.13	6.38	-	-	0.53
<b>Permanent crops</b>	431,641	70.14	0.48	27.67	0.17	0.2	1.33
Avocados	-	-	-	-	-	-	-
Bananas	60,480	61.49	-	37.59	-	-	0.92
Guavas	-	-	-	-	-	-	-
Lemons	101	88.33	-	8.33	-	-	3.33
Mangoes	4,068	82	-	16.67	-	-	1.33
Oranges	62	69.5	-	30.5	-	-	-
Papayas	7,927	83.78	-	11.89	-	-	4.32
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	95,775	67.5	0.14	31.42	0.06	-	0.88
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	263,228	69.45	1.15	26.55	-	0.2	2.65
<b>Enset</b>	132,874	87.51	0.26	9.96	0.5	0.63	1.15

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
<b>Grain Crops</b>	2,715,376	62.88	15.47	19.78	0.21	0.51	1.15
<b>Cereals</b>	2,474,372	62.03	14.94	20.53	0.28	0.74	1.48
Teff	528,974	39.26	16.18	41.84	0.19	0.3	2.24
Barley	207,397	68.63	18.18	11.49	0.25	0.23	1.21
Wheat	155,835	69.82	16.53	11.88	0.1	0.33	1.35
Maize	1,416,161	67.63	10.92	18.17	0.29	1.57	1.42
Sorghum	166,005	74.51	12.5	10.13	0.68	1.33	0.84
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	233,778	65.09	16.42	17.75	0.07	0.13	0.53
Horse beans white	35,888	69.73	15.88	14.36	0.03	-	-
Horse beans red	74,429	57.14	18.81	23.69	0.16	-	0.2
Field peas	10,373	66.82	21.52	9.85	0.3	-	1.52
Haricot beans	107,195	68.66	13.98	16.02	0.04	0.31	0.98
Chick – peas	5,893	23.5	17.5	59	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	7,226	53.38	16.38	29.25	-	-	1
Neug	-	-	-	-	-	-	-
Linseed	855	60.89	20.36	18.75	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	6,372	36.36	5.91	55.91	-	-	1.82
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	82,382	79.67	1.67	17.61	0.05	-	1.01
Lettuce	-	-	-	-	-	-	-
Head cabbage	7	16	12	72	-	-	-
Ethiopian cabbage	82,280	83.38	1.41	14.05	0.05	-	1.11
Tomatoes	-	-	-	-	-	-	-
Green peppers	63	45.56	2.22	52.22	-	-	-
Red peppers	32	30	-	70	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	3,806,713	72.32	5.8	18.51	0.22	2.48	0.67
Beetroot	14	15	1.67	83.33	-	-	-
Carrot	47	5	-	95	-	-	-
Onion	28,430	23.99	14.13	61.59	-	-	0.29
Potatoes	428,497	70.52	15.87	12.87	0.1	-	0.63
Yam	-	-	-	-	-	-	-
Garlic	63,318	27	15.89	56.89	0.22	-	-
Taro / 'Godere'	1,007,423	83.03	4.66	9	0.24	2.3	0.78
Sweet potatoes	2,278,983	79.5	0.21	14.91	0.29	4.33	0.75
<b>Permanent crops</b>	1,154,907	57.4	0.52	38.52	0.54	1.65	1.37
Avocados	217	70.33	-	28.22	0.67	-	0.78
Bananas	787,522	43.57	0.4	53.65	0.42	0.2	1.75
Guavas	-	-	-	-	-	-	-
Lemons	1,363	40.68	4.32	51.82	-	0.45	2.73
Mangoes	45,316	64.07	0.19	33.38	0.6	-	1.76
Oranges	3,993	74.35	1.52	20	-	0.43	3.7
Papayas	34,798	89.38	-	8.52	0.11	0.06	1.93
Pineapples	-	-	-	-	-	-	-
Chat	4,804	11.1	-	85.61	0.73	-	2.56
Coffee	18,818	29.1	0.04	69.49	0.33	0.03	1
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	258,076	52.86	-	44.72	0.36	0.67	1.39
<b>Enset</b>	536,917	83.27	1.1	8.72	0.9	4.98	1.03

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		Animal Feed	Others
			Seed	Sale	Wages In kind			
<b>Grain Crops</b>	700,303	55.86	11.54	28.22	0.34		0.23	3.8
<b>Cereals</b>	593,878	52.47	12.53	29.53	0.51		0.36	4.6
Teff	50,591	35.3	18.16	39.25	-		-	7.29
Barley	28,617	28.51	15.8	52.12	-		-	3.57
Wheat	7,631	43.06	22.5	31.67	-		-	2.78
Maize	188,542	63.95	10.09	20.58	0.38		0.97	4.04
Sorghum	312,402	57.45	10.45	26.14	0.87		0.05	5.03
Finger millet	6,094	81.44	10.78	1.11	3.89		-	2.78
Oats "Aja"	-	-	-	-	-		-	-
Rice	-	-	-	-	-		-	-
Masho	-	-	-	-	-		-	-
<b>Pulses</b>	105,579	61.12	10.03	26.3	0.07		-	2.49
Horse beans white	40,868	40.21	12.47	42.58	-		-	4.74
Horse beans red	40,616	44.82	12.5	38.93	-		-	3.75
Field peas	6,390	79.63	5.47	13.5	0.78		-	0.63
Haricot beans	17,705	84.53	7.44	7.73	-		-	0.31
Chick – peas	-	-	-	-	-		-	-
Lentils	-	-	-	-	-		-	-
Vetch	-	-	-	-	-		-	-
Soya beans	-	-	-	-	-		-	-
Fenugreek	-	-	-	-	-		-	-
Gibto	-	-	-	-	-		-	-
<b>Oilseeds</b>	847	91.67	-	8.33	-		-	-
Neug	736	100	-	-	-		-	-
Linseed	111	87.5	-	12.5	-		-	-
Groundnuts	-	-	-	-	-		-	-
Safflower	-	-	-	-	-		-	-
Sesame	-	-	-	-	-		-	-
Rapeseed	-	-	-	-	-		-	-
<b>Vegetables</b>	110,520	84.7	0.46	13.59	0.08		-	1.17
Lettuce	-	-	-	-	-		-	-
Head cabbage	88	50	-	50	-		-	-
Ethiopian cabbage	73,613	86.53	0.58	11.55	0.03		-	1.31
Tomatoes	-	-	-	-	-		-	-
Green peppers	1,698	86.33	0.04	12.22	-		-	1.4
Red peppers	35,122	67.58	-	31.61	0.81		-	-
Swiss chard	-	-	-	-	-		-	-
<b>Root Crops</b>	1,098,550	79.95	7.65	11.48	0.17		-	0.75
Beetroot	69	100	-	-	-		-	-
Carrot	-	-	-	-	-		-	-
Onion	-	-	-	-	-		-	-
Potatoes	3,410	54.55	19.09	26.36	-		-	-
Yam	-	-	-	-	-		-	-
Garlic	150	62.5	8.33	28.33	-		-	0.83
Taro / 'Godere'	1,071,155	82.52	8.02	8.57	0.23		-	0.67
Sweet potatoes	23,766	79.49	0.77	19.1	-		-	0.64
<b>Permanent crops</b>	468,118	50.54	0.16	47.75	0.37		0.2	0.98
Avocados	-	-	-	-	-		-	-
Bananas	125,848	58.6	0.21	40.19	0.27		0.11	0.63
Guavas	-	-	-	-	-		-	-
Lemons	-	-	-	-	-		-	-
Mangoes	20,083	73.98	-	23.07	-		-	2.95
Oranges	14,041	76.09	-	21.49	0.71		-	1.71
Papayas	16,423	88.76	-	9.65	0.25		-	1.34
Pineapples	-	-	-	-	-		-	-
Chat	3,129	12.2	-	87.21	0.38		-	0.21
Coffee	110,640	19.34	0.24	79.69	0.37		-	0.37
Hops (Gesho)	-	-	-	-	-		-	-
Sugar cane	177,956	65.54	0.04	31.5	-		0.5	2.42
<b>Enset</b>	201,969	85.49	-	11.34	1.12		0.96	1.08

TABLE 1.7.12- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

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Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	315,258	62.62	17.46	11.79	0.69	0.92	6.52
<b>Cereals</b>	271,532	61.45	17.1	12.1	0.75	1.41	7.18
Teff	74,553	49.65	16.94	21.94	0.87	0.02	10.58
Barley	20,631	61.4	24.12	6.91	0.54	1.15	5.88
Wheat	96,596	49.29	21.39	17.27	1.78	0.16	10.1
Maize	56,542	78.35	10.23	5.05	0.11	3.53	2.73
Sorghum	22,884	70.63	12.28	7.32	0.36	2.38	7.02
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	326	72.5	17.5	8.5	-	1	0.5
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	41,302	66.02	18.48	9.35	0.57	0.04	5.56
Horse beans white	20,950	64.46	19.86	8.08	1	-	6.61
Horse beans red	18,781	56.37	22.77	10.99	0.68	0.14	9.04
Field peas	630	93.28	4.43	1.61	-	-	0.68
Haricot beans	-	-	-	-	-	-	-
Chick – peas	31	90	10	-	-	-	-
Lentils	794	59.69	24.08	11.73	-	-	4.49
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	116	50.53	23.19	24.68	-	-	1.6
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	2,424	56.38	15.86	23.33	0.57	-	3.85
Neug	-	-	-	-	-	-	-
Linseed	2,172	52.95	17.27	21.82	1.14	-	6.82
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	252	58.66	14.39	26.1	-	-	0.85
<b>Vegetables</b>	13,763	82.31	0.35	15.13	0.11	0.03	2.07
Lettuce	-	-	-	-	-	-	-
Head cabbage	122	79.29	2.14	15.71	-	-	2.86
Ethiopian cabbage	13,050	82.8	0.37	14.38	0.15	0.04	2.26
Tomatoes	-	-	-	-	-	-	-
Green peppers	563	82.71	-	15.51	-	-	1.78
Red peppers	29	75	-	25	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	42,031	77.24	10.23	11.17	0.07	-	1.28
Beetroot	380	78.33	-	21	-	-	0.67
Carrot	95	69.33	-	30	-	-	0.67
Onion	-	-	-	-	-	-	-
Potatoes	4,165	69.41	7.65	20.59	0.59	-	1.76
Yam	-	-	-	-	-	-	-
Garlic	1,062	65.07	18.55	16.09	-	-	0.29
Taro / 'Godere'	21,752	76.56	14.22	7.85	0.12	-	1.25
Sweet potatoes	14,577	90.75	2.69	3.96	-	-	2.61
<b>Permanent crops</b>	61,384	70.92	0.49	25.66	0.39	0.25	2.3
Avocados	-	-	-	-	-	-	-
Bananas	2,202	60.77	-	38.31	-	-	0.92
Guavas	-	-	-	-	-	-	-
Lemons	189	10	-	90	-	-	-
Mangoes	176	69.12	-	29.12	-	-	1.76
Oranges	312	61.4	-	35.8	-	-	2.8
Papayas	63	65.63	-	34.38	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	2,112	30.49	0.8	64.88	0.62	-	3.21
Coffee	1,399	95.4	0.1	3.71	0.1	-	0.69
Hops (Gesho)	527	43.49	2.08	52.74	0.57	-	1.13
Sugar cane	54,404	62.31	1.03	31.35	-	2.95	2.37
<b>Enset</b>	160,806	90.93	0.28	4.7	0.81	-	3.28

TABLE 1.7.13- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

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Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	603,058	47.88	15.1	34.09	0.88	0.66	1.39
<b>Cereals</b>	361,307	49.33	15.39	32.64	0.65	0.82	1.17
Teff	134,713	38.95	17.06	41.25	0.9	0.23	1.61
Barley	15,118	44.29	18.06	34.88	0.53	1.63	0.61
Wheat	58,026	46.18	16.49	35.48	0.29	0.57	0.98
Maize	89,376	61.29	8.74	26.99	0.9	1.6	0.49
Sorghum	63,665	68.11	12.59	16.78	0.37	1.03	1.12
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	410	53.33	29.17	12.5	-	4.17	0.83
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	240,662	44.93	14.88	36.71	1.24	0.49	1.75
Horse beans white	103,428	47.72	14.14	35.42	1.13	-	1.6
Horse beans red	106,527	36.09	16.09	43.01	1.59	0.43	2.8
Field peas	477	73.13	4.38	20	-	-	2.5
Haricot beans	26,966	53.57	11.98	30.79	1.19	2.24	0.22
Chick – peas	48	20	20	50	10	-	-
Lentils	3,216	48.1	23.81	28.1	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	1,088	66.25	12.29	21.46	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	311	70.71	11.9	17.38	-	-	-
Groundnuts	777	35	15	50	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	1,529,436	70.73	14.1	10.43	0.75	2.69	1.31
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	4,013	83.75	16.25	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	1,460,654	70.49	16.49	8.97	0.49	2.18	1.37
Sweet potatoes	64,769	76.98	3.1	10.4	1.75	6.71	1.06
<b>Permanent crops</b>	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	1,803,734	80.55	0.47	12.64	1.96	3.09	1.29



TABLE 1.7.14- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

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Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	55,463	59.3	12	25.04	0.43	1.22	2.01
<b>Cereals</b>	49,433	53.62	11.64	29.94	0.51	1.9	2.4
Teff	18,577	41.69	14.8	38.78	0.31	-	4.41
Barley	3,099	42.38	11.67	45.48	-	0.48	-
Wheat	287	40	3.33	56.67	-	-	-
Maize	21,646	59.11	9.45	25.6	0.55	2.74	2.55
Sorghum	5,824	59.81	12.5	23.99	0.77	2.69	0.24
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	5,987	68.29	12.84	17.26	0.33	0.17	1.1
Horse beans white	275	65.25	10	24.25	-	-	0.5
Horse beans red	1,989	65.99	14.72	18.59	-	-	0.7
Field peas	1,542	62.2	11.33	22.8	0.47	0.13	3.07
Haricot beans	2,107	73.97	13.47	11.49	0.5	0.33	0.25
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	74	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	43	62	4.5	23.5	-	-	10
Neug	-	-	-	-	-	-	-
Linseed	13	66	6	28	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	30	50	1.25	23.75	-	-	25
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	1,565	80	-	19.02	-	-	0.98
Lettuce	-	-	-	-	-	-	-
Head cabbage	1,055	26	-	72	-	-	2
Ethiopian cabbage	476	86.4	-	12.4	-	-	1.2
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	34	84.29	-	15.71	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	233,467	78.62	0.84	15.85	0.28	3.23	1.18
Beetroot	174	60.63	-	39.38	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	2,002	57.22	1.11	35	-	-	6.67
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	95,414	86.24	1.49	10.68	0.21	0.69	0.69
Sweet potatoes	135,876	70	-	20.84	0.42	7.03	1.71
<b>Permanent crops</b>	72,572	56.88	0.13	38.21	0.17	3.25	1.35
Avocados	8,940	59.62	-	38.82	-	0.32	1.24
Bananas	16,106	56.72	-	41.36	0.08	0.66	1.19
Guavas	-	-	-	-	-	-	-
Lemons	141	68	-	20	-	-	12
Mangoes	5,877	82.66	-	15.56	-	-	1.78
Oranges	-	-	-	-	-	-	-
Papayas	1,235	90	3.03	5.15	-	-	1.82
Pineapples	8	50	-	50	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	4,895	24.96	0.11	73.64	0.3	-	0.99
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	35,370	61.25	-	34.06	-	2.38	2.3
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.7.15- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

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Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	169,851	45.92	17.91	34.1	0.91	0.23	0.94
<b>Cereals</b>	109,400	43.17	19.07	35.42	0.92	0.33	1.09
Teff	44,919	38.27	20.64	39.56	0.67	0.18	0.68
Barley	8,748	41.86	18.04	37.61	0.54	1.43	0.54
Wheat	12,439	32.18	16.85	46.71	2.79	-	1.47
Maize	18,712	49.35	20.77	27.79	-	0.47	1.63
Sorghum	23,765	60.59	15.64	20.1	1.52	0.34	1.81
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	7	20	-	80	-	-	-
Rice	811	35	16.25	46.25	-	-	2.5
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	60,452	49.99	15.97	32.36	0.85	0.09	0.74
Horse beans white	39,696	45.44	14.95	38.21	0.9	-	0.5
Horse beans red	16,887	44.3	14.29	39.74	1.14	0.08	0.45
Field peas	1,262	56.54	16.15	25	0.77	1.15	0.38
Haricot beans	2,603	66.13	21.75	10.25	0.13	-	1.75
Chick – peas	-	-	-	-	-	-	-
Lentils	4	70	12	14	2	-	2
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	-	-	-	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	7,522	87.38	0.63	9.6	0.29	0.19	1.92
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	6,430	86.28	0.63	10.04	0.35	0.14	2.57
Tomatoes	-	-	-	-	-	-	-
Green peppers	878	92.5	1.25	5.31	0.31	0.63	-
Red peppers	214	87.19	-	11.88	-	-	0.94
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	568,682	69.82	15.38	12.41	0.17	0.93	1.28
Beetroot	125	5	-	95	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	405	48.08	8.33	41.92	-	-	1.67
Taro / 'Godere'	552,000	69.42	18.71	9.32	0.22	1.11	1.22
Sweet potatoes	16,152	79.2	-	17.2	-	1.2	2.4
<b>Permanent crops</b>	94,374	63.26	0.77	31.25	0.83	1.39	2.51
Avocados	7,454	58.32	-	38.33	-	0.76	2.59
Bananas	38,365	57.61	0.41	38.78	0.44	0.22	2.53
Guavas	-	-	-	-	-	-	-
Lemons	1,071	41.11	-	57.78	-	-	1.11
Mangoes	3,526	58.71	-	39.35	-	-	1.94
Oranges	2,100	65.17	-	29.48	-	-	5.34
Papayas	20,013	71.64	0.78	25.31	-	0.16	2.11
Pineapples	-	-	-	-	-	-	-
Chat	279	0.8	-	97.4	0.4	0.4	1
Coffee	2,363	60.7	0.93	37.23	0.55	-	0.59
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	19,204	54.95	3.78	28.3	0.68	8.51	3.78
<b>Enset</b>	217,758	81.49	1.16	8.2	2.31	3.42	3.42

TABLE 1.7.16- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

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Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	3,165,736	63.77	9.29	23.96	0.45	0.77	1.76
<b>Cereals</b>	3,029,931	62.06	9.05	25.3	0.56	1.03	2.01
Teff	166,868	21.31	8.27	68.74	0.84	-	0.84
Barley	191,626	60.53	14.68	20.86	0.49	1.1	2.33
Wheat	658,801	32.72	15.28	50.63	0.69	0.02	0.66
Maize	1,761,203	83.24	2.99	7.82	0.66	1.74	3.55
Sorghum	245,249	84.62	7.79	4.21	0.17	1.75	1.46
Finger millet	6,184	89.6	6	3.6	-	-	0.8
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	134,675	69.15	9.95	19.88	0.17	0.05	0.8
Horse beans white	64,808	75.03	8.92	14.83	0.28	-	0.94
Horse beans red	39,890	57.78	12.56	28.47	0.06	0.17	0.97
Field peas	4,618	70	6.67	23.33	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	22,634	85.96	5.58	8.46	-	-	-
Lentils	99	66.67	33.33	-	-	-	-
Vetch	1,165	75	5	20	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	1,462	28.18	16.82	54.09	-	-	0.91
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	1,130	51.67	10.42	29.58	-	-	8.33
Neug	-	-	-	-	-	-	-
Linseed	806	57.78	6.11	25	-	-	11.11
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	325	33.33	23.33	43.33	-	-	-
<b>Vegetables</b>	629,119	65.13	0.33	32.12	0.08	0.08	2.26
Lettuce	-	-	-	-	-	-	-
Head cabbage	514	90	-	10	-	-	-
Ethiopian cabbage	335,753	76.95	0.09	19.95	0.11	0.11	2.79
Tomatoes	-	-	-	-	-	-	-
Green peppers	513	83.33	-	16.67	-	-	-
Red peppers	292,340	20.23	1.23	77.79	-	-	0.74
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	9,929	64.9	6.8	27.9	-	-	0.4
Beetroot	473	94	-	6	-	-	-
Carrot	1,173	73.82	0.59	25.59	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	6,683	52.5	42.5	5	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	1,600	52.5	11.67	35.83	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	53,407	72.38	0.49	22.75	0.5	0.95	2.93
Avocados	-	-	-	-	-	-	-
Bananas	3,861	64.17	2.5	30.83	0.42	-	2.08
Guavas	-	-	-	-	-	-	-
Lemons	106	52	12	32	-	-	4
Mangoes	1,222	37	-	63	-	-	-
Oranges	3,559	75.67	-	22	-	-	2.33
Papayas	10,993	83.67	-	13.22	-	-	3.11
Pineapples	-	-	-	-	-	-	-
Chat	31,580	53.44	0.46	40.96	0.57	-	4.57
Coffee	2,087	94.04	0.07	5.07	0.07	-	0.75
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	1,337,844	84.11	-	8.86	0.97	3.47	2.58

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
<b>Grain Crops</b>	928,171	67.26	10.59	19.29	0.08	1.02	1.77
<b>Cereals</b>	914,404	66.07	10.71	20.06	0.09	1.15	1.92
Teff	117,099	16.36	10.84	72.31	-	-	0.49
Barley	5,098	78.78	14.7	5.43	-	0.65	0.43
Wheat	102,835	25.64	24.26	49.3	0.43	-	0.37
Maize	596,240	82.84	8.36	3.55	0.17	1.28	3.8
Sorghum	73,964	84.71	8.96	1.46	-	2.99	1.88
Finger millet	19,167	85.84	10.72	2.28	-	0.11	1.05
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	13,720	76.27	9.34	13.75	-	-	0.64
Horse beans white	2,927	92.5	1.67	5.83	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	10,144	72.51	10.67	15.86	-	-	0.96
Chick – peas	-	-	-	-	-	-	-
Lentils	367	86	14	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	282	62.08	15	22.92	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	47	77.8	13.5	8.7	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	47	82.57	5	12.43	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	216,124	58.74	1.97	36.16	0.44	0.16	2.53
Lettuce	-	-	-	-	-	-	-
Head cabbage	2,437	84.2	-	15.8	-	-	-
Ethiopian cabbage	118,852	84.27	0.11	11.57	-	0.28	3.77
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	94,835	18.87	4.88	74.13	1.13	-	1
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	273	82.5	4.62	12.5	-	-	0.38
Beetroot	195	100	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	79	100	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	37,474	70.19	0.24	25.21	-	0.4	3.95
Avocados	-	-	-	-	-	-	-
Bananas	1,558	85.21	-	12.29	-	-	2.5
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	710	87.5	-	10.91	-	-	1.59
Pineapples	-	-	-	-	-	-	-
Chat	35,206	54.98	0.42	39.21	-	-	5.38
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.7.18- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Segen People							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	714,253	55.91	15.09	26.03	0.19	0.26	2.53
<b>Cereals</b>	587,257	54.27	15.27	26.94	0.22	0.37	2.93
Teff	129,189	23.24	19.28	55.75	0.4	0.04	1.28
Barley	17,072	53.65	16.13	26.42	0.16	0.81	2.84
Wheat	24,764	48.97	16.25	29.13	0.11	0.92	4.62
Maize	302,865	63.53	13.16	19.43	0.21	0.35	3.31
Sorghum	113,368	71.54	14	10.7	0.16	0.21	3.4
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	126,778	58.93	15.03	24.19	0.11	0.01	1.72
Horse beans white	2,735	47.13	15.25	33.77	0.08	-	3.77
Horse beans red	5,554	48.96	15.73	32.92	0.1	-	2.29
Field peas	2,131	71.14	12.29	16	-	-	0.57
Haricot beans	111,274	61.97	15.35	21.12	0.06	-	1.49
Chick – peas	4,594	60.75	13.5	24	1.25	-	0.5
Lentils	444	22.14	12.86	64.29	-	0.71	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	46	90	10	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	218	72.33	6	21.11	-	-	0.56
Neug	-	-	-	-	-	-	-
Linseed	200	61.43	8.57	30	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	12	95.78	3.11	-	-	-	1.11
Sesame	6	5	10	85	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	43,739	78.65	0.66	19.32	-	0.1	1.27
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	41,418	77.64	0.65	20.24	-	0.13	1.34
Tomatoes	793	91.43	-	5	-	-	3.57
Green peppers	1,388	74.17	0.42	25.42	-	-	-
Red peppers	140	88.75	2.08	9.17	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	1,480	84.83	1.85	12.83	-	-	0.49
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	1,030	60.56	8.89	30.56	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	450	32.5	15	51.25	-	-	1.25
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	454,698	48.84	0.18	48.42	0.18	0.24	2.15
Avocados	-	-	-	-	-	-	-
Bananas	34,529	44.93	0.03	52.99	-	0.03	2.02
Guavas	31	66.54	-	28.08	-	-	5.38
Lemons	7,822	40.91	-	56.36	-	-	2.73
Mangoes	24,851	54.9	1.44	41.92	-	-	1.73
Oranges	179	64.17	-	35.83	-	-	-
Papayas	12,255	75.56	-	22.94	-	-	1.51
Pineapples	-	-	-	-	-	-	-
Chat	5,068	0.68	0.17	95.42	-	0.17	3.56
Coffee	40,717	31.14	0.34	66.35	0.11	-	2.07
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	329,247	33.75	0.23	61.56	0.16	1.33	2.97
<b>Enset</b>	551,236	76.6	-	20.68	0.45	0.47	1.8

TABLE 1.8- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Gambela Region							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	173,558	76.85	10.83	7.94	1.01	0.3	3.07
<b>Cereals</b>	173,414	76.1	10.8	8.42	1.11	0.33	3.24
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	101,070	78.01	11.34	6.97	0.21	0.36	3.1
Sorghum	72,281	70.49	9.31	12.6	3.69	0.24	3.68
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	63	86.67	8.33	5	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	86	96.25	3.24	0.41	-	-	0.1
Horse beans white	31	100	-	-	-	-	-
Horse beans red	38	100	-	-	-	-	-
Field peas	18	96.13	3.19	0.6	-	-	0.07
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	58	54.92	31.89	9.05	-	-	4.14
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	43	64	27.8	6.2	-	-	2
Safflower	-	-	-	-	-	-	-
Sesame	15	43.33	30	26.67	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	6,634	86.45	0.63	10.52	0.43	-	1.97
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	3,143	95.79	0.24	1.94	0.29	-	1.74
Tomatoes	1,594	63.08	-	36.92	-	-	-
Green peppers	782	86.04	-	9.78	0.98	-	3.2
Red peppers	1,115	60.9	2.2	34.44	0.5	-	1.96
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	60,647	85.04	5.12	6.47	0.34	0.34	2.69
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	970	89	5	6	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	45,004	85.06	7.55	3.31	0.67	0.62	2.8
Sweet potatoes	14,673	84.48	1.7	10.7	-	0.06	3.06
<b>Permanent crops</b>	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	8,480	68.1	0.26	21.8	5.11	2.8	1.93

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		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	34,367	73.42	12.02	11.08	0.46	0.22	2.8
<b>Cereals</b>	34,292	71.73	12.11	12.37	0.55	0.26	2.98
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	23,790	73.75	12.14	11.95	0.06	0.23	1.86
Sorghum	10,501	63.98	11.96	13.96	2.46	0.36	7.3
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	18	96.34	2.91	0.75	-	-	-
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	18	97.02	2.09	0.89	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	58	57.57	26.83	10.5	-	-	5.1
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	43	63.86	26.82	7.05	-	-	2.27
Safflower	-	-	-	-	-	-	-
Sesame	15	34	34	32	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	2,239	73.64	-	23.51	0.47	-	2.38
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	1,594	60	-	40	-	-	-
Green peppers	45	87.75	-	9.5	-	-	2.75
Red peppers	601	70.65	-	25.55	0.81	-	3
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	9,735	83.19	3.65	10.46	-	0.07	2.63
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	3,205	82.04	11.85	5.56	-	-	0.56
Sweet potatoes	6,529	83.43	1.99	11.31	-	0.08	3.18
<b>Permanent crops</b>	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Geshe)	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

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
<b>Grain Crops</b>	48,743	82.94	9.99	2.87	-	-	4.21
<b>Cereals</b>	48,743	82.94	9.99	2.87	-	-	4.21
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	48,743	82.91	10	2.88	-	-	4.22
Sorghum	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	-	-	-	-	-	-	-
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	-	-	-	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	-	-	-	-	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Geshe)	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-



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		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	66,880	76.82	8.2	8.63	3.09	0.7	2.56
<b>Cereals</b>	66,811	75.21	7.9	9.72	3.5	0.8	2.87
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	6,575	79.91	7.06	4.59	1.83	2.29	4.31
Sorghum	60,174	73.09	8.28	11.9	4.21	0.2	2.32
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	63	95	5	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	68	96.14	3.64	-	-	-	0.23
Horse beans white	31	100	-	-	-	-	-
Horse beans red	38	100	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	-	-	-	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	4,395	89.89	0.78	6.99	0.43	-	1.9
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	3,143	95.86	0.24	1.85	0.3	-	1.76
Tomatoes	-	-	-	-	-	-	-
Green peppers	736	85.54	-	9.59	1.35	-	3.51
Red peppers	515	45	5.79	48.95	-	-	0.26
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	48,817	86.18	6.23	3.52	0.58	0.54	2.95
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	970	87.78	5.56	6.67	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	40,534	85.08	6.97	3.09	0.81	0.75	3.31
Sweet potatoes	7,312	89.59	1.22	5.68	-	-	3.51
<b>Permanent crops</b>	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	8,480	67.97	0.27	21.93	5.16	2.83	1.84

TABLE 1.8.4- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Itang Special Wereda

Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	23,568	73.68	15.06	8.42	-	0.25	2.6
<b>Cereals</b>	23,568	73.68	15.06	8.42	-	0.25	2.6
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	21,963	74.52	15.04	7.86	-	0.25	2.34
Sorghum	1,606	50	15.71	24.29	-	-	10
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	-	-	-	-	-	-	-
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	-	-	-	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	2,095	85.5	3	11.5	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	1,264	93	6	1	-	-	-
Sweet potatoes	831	78	-	22	-	-	-
<b>Permanent crops</b>	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

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
<b>Grain Crops</b>	170,203	69.66	14.33	13.53	0.02	0.06	2.39
<b>Cereals</b>	130,127	84.38	12.89	0.57	-	0.08	2.09
Teff	-	-	-	-	-	-	-
Barley	404	82.81	17.19	-	-	-	-
Wheat	1,590	90.42	9.58	-	-	-	-
Maize	30,876	86.1	11.16	0.86	-	0.07	1.8
Sorghum	97,257	82.92	14.27	0.17	-	0.09	2.55
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	618	85	12.95	-	-	-	2.05
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	569	76.82	22.73	-	-	-	0.45
Haricot beans	-	-	-	-	-	-	-
Chick – peas	24	88.75	1.25	-	-	-	10
Lentils	25	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	0	100	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	39,458	22.88	18.92	54.75	0.09	-	3.36
Neug	-	-	-	-	-	-	-
Linseed	6	90	10	-	-	-	-
Groundnuts	38,653	18.47	16.91	60.77	0.1	-	3.74
Safflower	-	-	-	-	-	-	-
Sesame	800	58.64	37.05	4.09	-	-	0.23
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	-	-	-	-	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	170,203	69.66	14.33	13.53	0.02	0.06	2.39
Avocados	130,127	84.38	12.89	0.57	-	0.08	2.09
Bananas	-	-	-	-	-	-	-
Guavas	404	82.81	17.19	-	-	-	-
Lemons	1,590	90.42	9.58	-	-	-	-
Mangoes	30,876	86.1	11.16	0.86	-	0.07	1.8
Oranges	97,257	82.92	14.27	0.17	-	0.09	2.55
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	618	85	12.95	-	-	-	2.05
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.10- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Dire Dawa							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	202,587	85.07	7.35	3.76	0.23	0.36	3.23
<b>Cereals</b>	188,019	87.21	7.68	0.42	0.35	0.43	3.91
Teff	-	-	-	-	-	-	-
Barley	92	93.33	6.67	-	-	-	-
Wheat	557	86.38	12.54	0.92	-	-	0.15
Maize	5,920	87.83	7.39	0.35	0.42	0.23	3.78
Sorghum	181,449	86.98	7.6	0.43	0.34	0.52	4.13
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
<b>Pulses</b>	10,657	87.89	5.92	4.38	-	0.31	1.51
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	4,128	79.83	7.69	10	-	0.57	1.91
Haricot beans	6,530	94.02	4.65	-	-	0.11	1.22
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	3,911	67.65	8.28	21.34	-	-	2.73
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	2,754	46.57	10.83	38.77	-	-	3.83
Safflower	-	-	-	-	-	-	-
Sesame	1,152	86.11	3.73	8.09	-	-	2.07
Rapeseed	6	36.67	46.67	16.67	-	-	-
<b>Vegetables</b>	14,298	26.49	0.29	66.73	-	0.2	6.29
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	14,298	20.92	0.13	73.11	-	0.26	5.58
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	-	-	-	-	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	7,310	43.17	-	50.48	-	-	6.35
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	7,037	55.63	-	36.72	-	-	7.65
Coffee	273	6.3	-	91.89	-	-	1.81
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

### 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, 42.27 percent was used for household consumption, 5.64 percent was sold, only 0.27 percent was used for wages in kind and the rest 51.82 percent was used for other purposes (could be for the production of butter, Cheese, and the likes). With respect to the utilization of butter, 61.11 percent of the produce was used for household consumption although considerable portion (34.71 percent) was sold. Most of the total Cheese produced was used for household consumption that is about 82.33 percent, 12.72 percent was sold and the rest 4.96 percent was used for wage in kind and other purposes, which are indicated in the table.

Of the total honey production, about 40.4 percent was used for household consumption, about 56.25 percent was sold, and less than 1 percent of the honey production was used as payment (wage) in the country. On the other hand, 39.95 percent of the wax produced in the country was used as household consumption while 31.76 percent was used for sale.

Concerning utilization of egg production, 26.85 percent of the total egg production was used for household consumption while 36.6 percent of the total egg production was used for sale. About one-third of the egg production in the country (that is about 36.32 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, 2013/14 (2006 E.C)

National

Type of Product	Total %	Percent of Product Utilized for:			
		Household Consumption	Sale	Wages in Kind	Other
Milk	100	42.27	5.64	0.27	51.82
Butter	100	61.11	34.71	0.25	3.92
Cheese	100	82.33	12.72	0.25	4.71
Beef	100	44.37	37.89	1.02	16.72
Mutton/Goat Meat	100	89.75	3.52	0.31	6.42
Eggs	100	26.85	36.6	0.22	36.32
Honey	100	40.4	56.25	0.59	2.76
Bees Wax	100	39.95	31.76	0.14	28.14
Sheep hair	100	64.6	32.84	0.64	1.92
Skin	100	55.16	38.77	0.22	5.85
Hide	100	42.4	51.72	0.14	5.74
Arera	100	64.8	2.44	0.22	32.54
Camel Meat	100	43.21	27.19	-	29.6

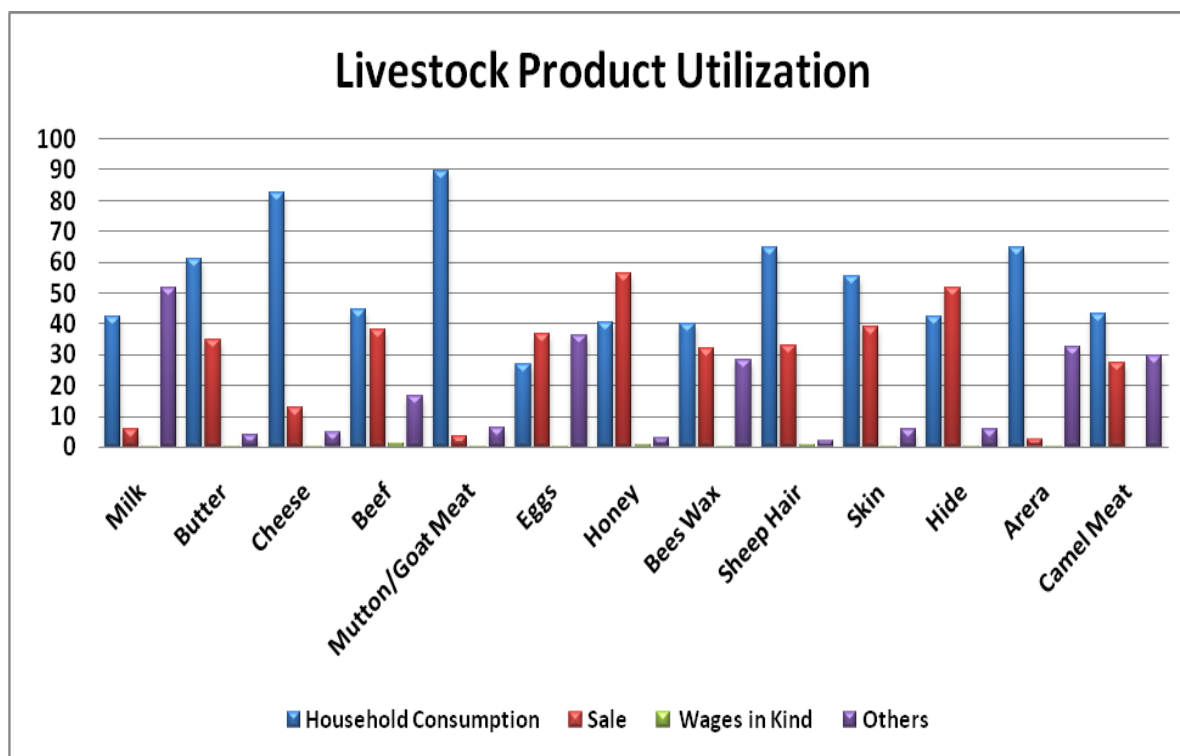


Figure 2: Percentages of Livestock product utilization

Table 2.1 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Tigray Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	25.94	0.59	0.7	72.78
Butter.....	100	71.93	23.05	0.25	4.77
Cheese.....	100	94.02	0.09	0.19	5.7
Beef.....	100	32.22	59.18	0.86	7.73
Mutton/Goat Meat....	100	86.35	10.59	0.64	2.42
Eggs.....	100	37.11	37.94	0.07	24.89
Honey.....	100	39.79	57.88	0.09	2.24
Wax.....	100	37.52	41.81	0.92	19.75
Sheep Hair.....	100	-	100	-	-
Skin.....	100	48.72	48.78	0.53	1.97
Hide.....	100	43.35	55.22	0.06	1.37
Arera.....	100	94.61	0.14	0.15	5.1
Camel Meat.....	100	53.4	19	-	27.6

Table 2.1.1 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## North West Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	17.36	0.34	0.38	81.91
Butter.....	100	71.57	22.16	0.36	5.91
Cheese.....	100	92.24	-	0.09	7.67
Beef.....	100	20.05	75.88	-	4.07
Mutton/Goat Meat....	100	77.16	18.99	0.88	2.97
Eggs.....	100	33.38	24.15	0.23	42.24
Honey.....	100	40.04	55.46	-	4.5
Wax.....	100	30.49	35.73	-	33.78
Sheep Hair.....	-	-	100	-	-
Skin.....	100	57.5	42.5	-	-
Hide.....	100	45.95	52.72	-	1.34
Arera.....	100	96.04	0.36	0.13	3.48
Camel Meat.....	100	100	-	-	-

Table 2.1.2 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Central Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	39.93	0.69	0.76	58.63
Butter.....	100	79.23	15.03	0.49	5.25
Cheese.....	100	98.43	-	0.25	1.32
Beef.....	100	22.94	72.73	-	4.33
Mutton/Goat Meat....	100	86.57	11.75	-	1.69
Eggs.....	100	40.16	39.97	0.06	19.81
Honey.....	100	33.77	63.88	0.3	2.05
Wax.....	100	59.11	27.5	-	13.39
Sheep Hair.....	100	-	100	-	-
Skin.....	100	37.58	57.19	-	5.23
Hide.....	100	43.19	55.73	-	1.08
Arera.....	100	98.55	-	-	1.45
Camel Meat.....	-	12	-	-	88

Table 2.1.3 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## East Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	38.22	1.11	0.21	60.47
Butter.....	100	78.65	18.02	0.41	2.92
Cheese.....	100	95.85	0.66	0.12	3.37
Beef.....	100	46.11	28.33	2.78	22.78
Mutton/Goat Meat....	100	91.15	6.01	1.04	1.8
Eggs.....	100	28.49	59.43	0.02	12.06
Honey.....	100	42.95	55.3	-	1.75
Wax.....	100	63.13	25.63	-	11.25
Sheep Hair.....	100	-	100	-	-
Skin.....	100	33.6	62.4	4	-
Hide.....	100	28.86	70.75	0.39	-
Arera.....	100	94.49	0.51	0.25	4.75
Camel Meat.....	100	27.5	47.5	-	25



Table 2.1.4 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005E.C)  
South Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	14.18	0.68	0.6	84.54
Butter.....	100	65.39	31.11	0.05	3.44
Cheese.....	100	91.79	-	0.1	8.12
Beef.....	100	54.12	39.54	-	6.35
Mutton/Goat Meat....	100	95.48	2.38	-	2.14
Eggs.....	100	29.49	50.21	-	20.3
Honey.....	100	35.93	62.37	-	1.7
Wax.....	100	39.52	23.39	4.84	32.26
Sheep Hair.....	-	-	-	-	-
Skin.....	100	45.92	52.76	-	1.32
Hide.....	100	44.15	55.49	-	0.36
Arera.....	100	89.85	-	-	10.15
Camel Meat.....	100	100	-	-	-

Table 2.1.5 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

Western Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	27.56	0.41	1.19	70.84
Butter.....	100	69.76	24.65	0.1	5.49
Cheese.....	100	93.63	-	0.34	6.04
Beef.....	100	37.57	49	2.86	10.57
Mutton/Goat Meat....	100	85.3	10.51	1.1	3.1
Eggs.....	100	50.52	23.68	0.01	25.79
Honey.....	100	47.52	51.65	0.08	0.75
Wax.....	100	20.74	73.3	-	5.96
Sheep Hair.....	-	-	-	-	-
Skin.....	100	63.13	34.38	-	2.5
Hide.....	100	49.21	47.69	-	3.1
Arera.....	100	94.67	-	0.29	5.04
Camel Meat.....	-	-	-	-	-

Table 2.2 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Afar Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	79.16	2.13	0.18	18.53
Butter.....	100	71.91	22.44	0.18	5.47
Cheese.....	100	90.17	5.17	1.03	3.62
Beef.....	100	51.3	5.61	2.27	40.82
Mutton/Goat Meat....	100	85.83	-	0.35	13.82
Eggs.....	100	70.4	17.83	0.09	11.68
Honey.....	100	35	60	-	5
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	78.09	8.18	-	13.73
Hide.....	100	73.84	14.25	-	11.9
Arera.....	100	91.11	0.17	0.29	8.44
Camel Meat.....	100	59.38	2.81	-	37.81

Table 2.2.1 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Zone 1

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	80.72	2.46	0.07	16.75
Butter.....	100	66.78	25.89	0.07	7.26
Cheese.....	100	88.75	-	-	11.25
Beef.....	100	51.35	-	-	48.65
Mutton/Goat Meat....	100	85.36	-	-	14.64
Eggs.....	100	82.5	12.5	-	5
Honey.....	100	35	60	-	5
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	66.67	6.25	-	27.08
Hide.....	100	92.87	4.85	-	2.28
Arera.....	100	88.65	-	-	11.35
Camel Meat.....	100	75	22.5	-	2.5

Table 2.2.2 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Zone 3

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	76.51	1.58	0.36	21.55
Butter.....	100	78.97	17.7	0.33	3
Cheese.....	100	90.28	5.56	1.11	3.06
Beef.....	100	51.28	8.6	3.49	36.63
Mutton/Goat Meat....	100	86.42	-	0.77	12.81
Eggs.....	100	69.95	18.03	0.09	11.93
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	86.94	9.68	-	3.39
Hide.....	100	50.99	25.55	-	23.46
Arera.....	100	94.37	0.38	0.67	4.57
Camel Meat.....	100	57.14	-	-	42.86

Table 2.3 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)  
Amhara Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	30.79	0.46	0.41	68.34
Butter.....	100	59.21	36.71	0.2	3.88
Cheese.....	100	95.39	0.14	0.08	4.4
Beef.....	100	38.03	45.28	1.43	15.26
Mutton/Goat Meat....	100	95.48	1.13	0.29	3.1
Eggs.....	100	22.18	44.27	0.28	33.27
Honey.....	100	40.26	57.1	0.47	2.18
Wax.....	100	37.01	30.73	-	32.26
Sheep Hair.....	100	70.55	27.31	0.71	1.43
Skin.....	100	48.05	47.8	-	4.14
Hide.....	100	36.44	62.25	0.19	1.11
Arera.....	100	53.71	0.15	0.12	46.02
Camel Meat.....	100	23	45	-	32

Table 2.3.1 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)  
North Gonder

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	26.51	0.52	0.73	72.24
Butter.....	100	59.34	34.99	0.48	5.18
Cheese.....	100	94.79	0.16	0.13	4.91
Beef.....	100	47.17	32.5	11.67	8.67
Mutton/Goat Meat....	100	92.27	3.14	1.6	2.99
Eggs.....	100	23.32	24.79	0.54	51.35
Honey.....	100	40.36	54.63	1.93	3.08
Wax.....	100	33.25	34.75	-	32
Sheep Hair.....	100	90	10	-	-
Skin.....	100	44.29	55.71	-	-
Hide.....	100	48.35	48.66	0.75	2.24
Arera.....	100	32.09	0.03	0.27	67.61
Camel Meat.....	100	50	-	-	50

Table 2.3.2 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

South Gonder

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	30.38	-	0.25	69.37
Butter.....	100	58.54	34.56	-	6.9
Cheese.....	100	91.89	0.16	0.11	7.84
Beef.....	100	60.5	13.67	-	25.83
Mutton/Goat Meat....	100	94.3	4.63	0.82	0.25
Eggs.....	100	20.67	52.5	0.25	26.58
Honey.....	100	36.75	60.2	1.75	1.3
Wax.....	100	31.96	38.26	-	29.78
Sheep Hair.....	100	95.83	4.17	-	-
Skin.....	100	79.56	20.44	-	-
Hide.....	100	54.3	45.7	-	-
Arera.....	100	38.53	-	0.36	61.11
Camel Meat.....	100	25	75	-	-

Table 2.3.3 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

North Wolo

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	31.81	0.46	-	67.73
Butter.....	100	58.97	37.6	0.08	3.35
Cheese.....	100	94.12	-	-	5.88
Beef.....	100	42.18	42.35	-	15.47
Mutton/Goat Meat....	100	98.2	0.25	-	1.55
Eggs.....	100	26.74	43.09	0.13	30.04
Honey.....	100	46.52	50.93	-	2.54
Wax.....	100	38.13	28.33	-	33.54
Sheep Hair.....	100	87.63	12.37	-	-
Skin.....	100	50	50	-	-
Hide.....	100	35.08	64.61	-	0.31
Arera.....	100	73.15	-	-	26.85
Camel Meat.....	100	30	60	-	10

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	30.95	2.09	-	66.96
Butter.....	100	51.33	44.62	0.43	3.63
Cheese.....	100	97.67	-	-	2.33
Beef.....	100	16.88	60.63	-	22.5
Mutton/Goat Meat....	100	95.76	-	-	4.24
Eggs.....	100	25.97	56.95	-	17.09
Honey.....	100	54.54	43.26	-	2.2
Wax.....	100	75	12.5	-	12.5
Sheep Hair.....	100	72.73	18.18	-	9.09
Skin.....	100	54.55	45.45	-	-
Hide.....	100	11.51	87.7	-	0.79
Arera.....	100	87.67	-	0.07	12.26
Camel Meat.....	-	-	-	-	-

Table 2.3.5 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## North Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	40.46	0.34	-	59.2
Butter.....	100	47.74	49.77	-	2.48
Cheese.....	100	96.32	1.08	0.06	2.54
Beef.....	100	25	50.33	-	24.67
Mutton/Goat Meat....	100	96.62	0.85	-	2.53
Eggs.....	100	28.79	48.86	0.09	22.26
Honey.....	100	53.68	43.68	0.13	2.5
Wax.....	100	-	-	-	100
Sheep Hair.....	100	59.04	38.22	1.37	1.37
Skin.....	100	37.93	55.17	-	6.9
Hide.....	100	39.42	59.72	-	0.85
Arera.....	100	59.16	0.56	-	40.27
Camel Meat.....	-	-	-	-	-

Table 2.3.6 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## East Gojam

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	25.41	0.81	-	73.78
Butter.....	100	70.66	25.57	-	3.76
Cheese.....	100	98.1	-	0.11	1.79
Beef.....	100	55	15	-	30
Mutton/Goat Meat....	100	98.14	0.31	-	1.55
Eggs.....	100	14.49	64.05	-	21.46
Honey.....	100	42.86	55.98	-	1.16
Wax.....	100	49.58	14.58	-	35.83
Sheep Hair.....	-	-	-	-	-
Skin.....	100	13.04	78.26	-	8.7
Hide.....	100	29.47	70.34	0.16	0.03
Arera.....	100	34.12	0.42	-	65.47
Camel Meat.....	-	-	-	-	-

Table 2.3.7 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## West Gojam

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	26.32	-	0.8	72.88
Butter.....	100	73.69	24.66	0.02	1.63
Cheese.....	100	97.09	-	0.09	2.82
Beef.....	100	66.67	33.33	-	-
Mutton/Goat Meat....	100	97.42	-	-	2.58
Eggs.....	100	18.26	33.52	1.28	46.94
Honey.....	100	32.08	64.19	0.02	3.71
Wax.....	100	19.23	41.92	-	38.85
Sheep Hair.....	100	-	100	-	-
Skin.....	100	3.33	90	-	6.67
Hide.....	100	30.75	65.23	0.57	3.45
Arera.....	100	21.87	-	-	78.13
Camel Meat.....	-	-	-	-	-

Table 2.3.8 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Waghamera

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	37.59	-	1.63	60.78
Butter.....	100	60.98	28.44	0.31	10.27
Cheese.....	100	88.3	-	0.14	11.56
Beef.....	100	36.34	58.17	2.32	3.17
Mutton/Goat Meat....	100	92.87	1.61	0.17	5.35
Eggs.....	100	24.47	48.96	0.04	26.53
Honey.....	100	28.54	69.71	-	1.75
Wax.....	100	34.75	26.75	-	38.5
Sheep Hair.....	100	33.33	66.67	-	-
Skin.....	100	78.3	21.7	-	-
Hide.....	100	49.71	48.9	-	1.4
Arera.....	100	54.42	0.03	0.22	45.33
Camel Meat.....	-	-	-	-	-

Table 2.3.9 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

Awi

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	30.86	0.02	0.82	68.3
Butter.....	100	47.67	51.07	0.08	1.18
Cheese.....	100	99.63	-	-	0.37
Beef.....	100	62.5	12.5	-	25
Mutton/Goat Meat....	100	94.85	0.22	-	4.93
Eggs.....	100	14.4	42.28	0.13	43.2
Honey.....	100	34.34	65.57	-	0.09
Wax.....	100	50	38.24	-	11.76
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	-	-	100
Hide.....	100	26.16	70.77	0.44	2.63
Arera.....	100	37.62	0.86	0.05	61.48
Camel Meat.....	-	-	-	-	-

Table 2.3.10 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

Oromia Zone

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	41.37	-	0.18	58.45
Butter.....	100	56.69	40.25	0.35	2.71
Cheese.....	100	96.4	-	-	3.6
Beef.....	100	51.67	31.67	-	16.67
Mutton/Goat Meat....	100	88.62	-	1.6	9.79
Eggs.....	100	24.86	36.08	0.07	38.99
Honey.....	100	59.38	40.63	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	50	50	-	-
Hide.....	100	36.7	63.3	-	-
Arera.....	100	92.57	-	0.17	7.26
Camel Meat.....	-	-	-	-	-



Table 2.3.11 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Argoba Special

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	25.02	-	-	74.98
Butter.....	100	64.77	33.19	0.37	1.68
Cheese.....	100	91.11	-	-	8.89
Beef.....	100	12.5	41.67	-	45.83
Mutton/Goat Meat....	100	81.93	-	-	18.07
Eggs.....	100	13.7	40.34	-	45.96
Honey.....	100	31.25	62.5	-	6.25
Wax.....	100	75	25	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	66.67	16.67	-	16.67
Hide.....	100	40.7	59.3	-	-
Arera.....	100	93.79	-	0.17	6.03
Camel Meat.....	100	5	45	-	50

Table 2.4 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Oromia Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	43.76	6.56	0.19	49.5
Butter.....	100	60.65	35.03	0.15	4.16
Cheese.....	100	84.34	8.84	0.33	6.49
Beef.....	100	50.91	36.33	0.97	11.79
Mutton/Goat Meat....	100	92.16	2.8	0.1	4.94
Eggs.....	100	27.23	37.7	0.32	34.75
Honey.....	100	47.07	49.11	0.52	3.3
Wax.....	100	34.7	32.4	-	32.9
Sheep Hair.....	100	33.33	50	-	16.67
Skin.....	100	60.49	34.07	-	5.43
Hide.....	100	34.3	60.15	0.28	5.27
Arera.....	100	68.97	1.89	0.11	29.03
Camel Meat.....	100	68.33	31.67	-	-

Table 2.4.1 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## West Welega

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	7.56	0.13	0.06	92.25
Butter.....	100	50.78	42.95	0.54	5.73
Cheese.....	100	87.81	0.08	0.17	11.95
Beef.....	100	10	-	-	90
Mutton/Goat Meat....	100	95.21	-	-	4.79
Eggs.....	100	19.29	24.45	0.62	55.63
Honey.....	100	24.52	72.34	1.01	2.13
Wax.....	100	18.36	63.16	-	18.49
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	60.76	23.02	-	16.22
Arera.....	100	44.25	-	-	55.75
Camel Meat.....	-	-	-	-	-

Table 2.4.2 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## East Welega

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	12.61	-	-	87.39
Butter.....	100	52.08	43.63	0.07	4.22
Cheese.....	100	91.65	0.96	0.07	7.33
Beef.....	100	10	90	-	-
Mutton/Goat Meat....	100	95.38	1.92	-	2.69
Eggs.....	100	20.21	20.22	0.31	59.26
Honey.....	100	47.3	50	-	2.7
Wax.....	100	7.23	61.09	-	31.68
Sheep Hair.....	100	100	-	-	-
Skin.....	100	50	50	-	-
Hide.....	100	31.87	66.27	1.33	0.53
Arera.....	100	47.95	-	0.02	52.02
Camel Meat.....	100	100	-	-	-

Table 2.4.3 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

Illubabor

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	40.45	2.63	0.06	56.85
Butter.....	100	61.59	34.27	0.01	4.13
Cheese.....	100	88.94	3.47	0.18	7.4
Beef.....	100	43.18	56.82	-	-
Mutton/Goat Meat....	100	81.44	13.64	1.21	3.71
Eggs.....	100	37.72	27.55	0.29	34.44
Honey.....	100	45.49	49.84	1.03	3.64
Wax.....	100	37.08	43.54	-	19.38
Sheep Hair.....	-	-	-	-	-
Skin.....	100	5	95	-	-
Hide.....	100	1.67	96.67	-	1.67
Arera.....	100	85.42	0.2	0.2	14.17
Camel Meat.....	-	-	-	-	-

Table 2.4.4 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

Jimma

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	45.58	0.85	0.08	53.49
Butter.....	100	59.98	35.21	0.16	4.65
Cheese.....	100	73.94	22.05	0.55	3.46
Beef.....	100	10	90	-	-
Mutton/Goat Meat....	100	75.63	17.5	-	6.88
Eggs.....	100	29.45	31.55	0.73	38.27
Honey.....	100	51.07	42.85	1.17	4.91
Wax.....	100	57.91	31.14	-	10.94
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	-	-	100
Hide.....	100	6.52	93.48	-	-
Arera.....	100	72.97	6.04	-	20.98
Camel Meat.....	-	-	-	-	-

Table 2.4.5 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## West Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	26.09	0.48	0.18	73.25
Butter.....	100	49.19	45.85	0.39	4.57
Cheese.....	100	86.95	4.26	0.42	8.36
Beef.....	100	31.25	52.5	3.75	12.5
Mutton/Goat Meat....	100	96.11	2.3	-	1.59
Eggs.....	100	31.52	39.2	0.45	28.83
Honey.....	100	51.45	45.47	0.58	2.5
Wax.....	100	42.04	5.31	-	52.65
Sheep Hair.....	100	100	-	-	-
Skin.....	100	55.56	40.74	-	3.7
Hide.....	100	15.63	84.38	-	-
Arera.....	100	59.39	0.03	0.05	40.53
Camel Meat.....	100	100	-	-	-

Table 2.4.6 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## North Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	30.67	9.42	0.42	59.48
Butter.....	100	36.83	61.03	-	2.14
Cheese.....	100	68.68	26.98	0.04	4.3
Beef.....	100	46.85	44.81	-	8.33
Mutton/Goat Meat....	100	95.81	1.89	0.08	2.22
Eggs.....	100	22.12	69.71	0.11	8.07
Honey.....	100	61.03	33.59	-	5.38
Wax.....	100	52.2	2	-	45.8
Sheep Hair.....	100	-	50	-	50
Skin.....	100	58.22	41.78	-	-
Hide.....	100	20.24	78.78	0.49	0.49
Arera.....	100	42.57	0.34	-	57.09
Camel Meat.....	-	-	-	-	-

Table 2.4.7 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## East Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	51.07	0.94	-	47.99
Butter.....	100	73.79	22.15	-	4.07
Cheese.....	100	88.93	8.56	-	2.52
Beef.....	100	78.93	13.93	0.71	6.43
Mutton/Goat Meat....	100	97.68	-	0.12	2.2
Eggs.....	100	29.15	40.35	-	30.51
Honey.....	100	60	40	-	-
Wax.....	100	100	-	-	-
Sheep Hair.....	100	-	100	-	-
Skin.....	100	82.47	10.53	-	7
Hide.....	100	41.39	54.44	-	4.17
Arera.....	100	64.26	-	-	35.74
Camel Meat.....	-	-	-	-	-

Table 2.4.8 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Arsi

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	61.63	2.05	0.07	36.25
Butter.....	100	72.74	22.23	0.25	4.78
Cheese.....	100	92.01	4.98	0.47	2.54
Beef.....	100	50.59	40.29	0.59	8.53
Mutton/Goat Meat....	100	93.56	1.94	-	4.49
Eggs.....	100	40.1	41.7	0.61	17.58
Honey.....	100	79.73	18.55	0.18	1.55
Wax.....	100	76.47	11.76	-	11.76
Sheep Hair.....	-	-	-	-	-
Skin.....	100	72.94	27.06	-	-
Hide.....	100	39.25	60.75	-	-
Arera.....	100	78.36	-	0.18	21.46
Camel Meat.....	100	50	50	-	-

Table 2.4.9 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## West Harerge

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	65.57	16.51	0.96	16.96
Butter.....	100	68.93	23.37	0.5	7.21
Cheese.....	100	100	-	-	-
Beef.....	100	53.33	-	-	46.67
Mutton/Goat Meat....	100	84.14	-	-	15.86
Eggs.....	100	19.5	41.63	0.36	38.51
Honey.....	100	54	38.57	1.18	6.25
Wax.....	100	45	-	-	55
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	63.97	2.94	-	33.09
Arera.....	100	92.76	0.63	-	6.61
Camel Meat.....	100	10	90	-	-

Table 2.4.10 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## East Harerge

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	60.42	32.57	0.33	6.68
Butter.....	100	73.54	24.89	-	1.57
Cheese.....	100	100	-	-	-
Beef.....	100	25	16	6	53
Mutton/Goat Meat....	100	72.29	-	-	27.71
Eggs.....	100	14.6	63.36	0.12	21.92
Honey.....	100	64.84	29.49	-	5.67
Wax.....	100	66.67	-	-	33.33
Sheep Hair.....	-	-	-	-	-
Skin.....	100	45.45	-	-	54.55
Hide.....	100	25	-	-	75
Arera.....	100	94.37	0.34	-	5.29
Camel Meat.....	100	100	-	-	-

Table 2.4.11 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Bale

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	70.12	7.12	0.09	22.67
Butter.....	100	68.32	29.56	0.06	2.06
Cheese.....	100	90.19	9.26	0.09	0.46
Beef.....	100	36.67	50	-	13.33
Mutton/Goat Meat....	100	93.01	0.51	-	6.48
Eggs.....	100	36.26	47.54	0.16	16.04
Honey.....	100	40.13	55.89	0.12	3.86
Wax.....	100	35.56	52.22	-	12.22
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	82.47	11.29	-	6.24
Arera.....	100	78.67	-	0.03	21.3
Camel Meat.....	-	-	-	-	-

Table 2.4.12 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Borena

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	55.59	15.46	0.33	28.62
Butter.....	100	64.64	32.43	0.06	2.87
Cheese.....	100	76.15	4.23	11.92	7.69
Beef.....	100	81	11	8	-
Mutton/Goat Meat....	100	90.48	3.93	0.48	5.12
Eggs.....	100	24.04	49.16	0.12	26.68
Honey.....	100	25.57	71.79	0.28	2.36
Wax.....	100	90	-	-	10
Sheep Hair.....	-	-	-	-	-
Skin.....	100	84.62	15.38	-	-
Hide.....	100	69.14	29.63	-	1.23
Arera.....	100	87.27	9.33	0.69	2.72
Camel Meat.....	-	-	-	-	-

Table 2.4.13 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)  
South West Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	29.6	0.11	-	70.3
Butter.....	100	56.54	38.01	0.09	5.35
Cheese.....	100	76.61	18.22	0.29	4.87
Beef.....	100	57.86	-	-	42.14
Mutton/Goat Meat....	100	98.9	-	-	1.1
Eggs.....	100	28.85	46.27	0.13	24.75
Honey.....	100	51.48	45.56	-	2.96
Wax.....	100	45.26	0.26	-	54.47
Sheep Hair.....	100	-	100	-	-
Skin.....	100	75	25	-	-
Hide.....	100	35.58	63.79	0.63	-
Arera.....	100	42.84	0.33	-	56.83
Camel Meat.....	-	-	-	-	-

Table 2.4.14 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

Guji

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	60.56	13.22	0.38	25.83
Butter.....	100	66.37	29.72	0.29	3.61
Cheese.....	100	94.56	4.33	-	1.11
Beef.....	100	21.67	23.33	-	55
Mutton/Goat Meat....	100	89.1	2.56	-	8.33
Eggs.....	100	37.44	34.79	0.19	27.58
Honey.....	100	30.48	66.37	0.27	2.88
Wax.....	100	100	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	42.86	57.14	-	-
Hide.....	100	72.82	18.21	2.56	6.41
Arera.....	100	81.3	12.39	0.42	5.89
Camel Meat.....	-	-	-	-	-



Table 2.4.15 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## West Arsi

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	64.37	1.22	0.03	34.38
Butter.....	100	72.26	25.15	0.04	2.54
Cheese.....	100	82.09	16.82	-	1.09
Beef.....	100	86.54	8.46	-	5
Mutton/Goat Meat....	100	91.21	-	-	8.79
Eggs.....	100	36.97	34.87	0.18	27.97
Honey.....	100	73.91	23.75	-	2.34
Wax.....	100	75	16.67	-	8.33
Sheep Hair.....	-	-	-	-	-
Skin.....	100	80.67	12.67	-	6.67
Hide.....	100	36.64	60.08	-	3.28
Arera.....	100	91.61	2.07	-	6.32
Camel Meat.....	-	-	-	-	-

Table 2.4.16 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Kelem

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	17.3	0.12	0.08	82.5
Butter.....	100	56.17	36.04	-	7.79
Cheese.....	100	83.05	0.06	0.25	16.64
Beef.....	100	100	-	-	-
Mutton/Goat Meat....	100	82.61	12.61	-	4.79
Eggs.....	100	24.83	16.35	0.26	58.56
Honey.....	100	40.13	54.63	2	3.25
Wax.....	100	48.39	19.35	-	32.26
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	100	-	-
Hide.....	100	6.06	90.91	-	3.03
Arera.....	100	49.94	-	-	50.06
Camel Meat.....	-	-	-	-	-

Table 2.4.17 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Horogudru

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	8.79	-	-	91.21
Butter.....	100	59.83	37.22	-	2.96
Cheese.....	100	88.5	-	-	11.5
Beef.....	100	14	80	-	6
Mutton/Goat Meat....	100	95.36	1.64	-	3
Eggs.....	100	16.67	20.55	0.43	62.35
Honey.....	100	44.55	53.86	-	1.59
Wax.....	100	24.55	11.82	-	63.64
Sheep Hair.....	-	-	-	-	-
Skin.....	100	45.45	45.45	-	9.09
Hide.....	100	22.73	77.27	-	-
Arera.....	100	70.05	-	-	29.95
Camel Meat.....	-	-	-	-	-

Table 2.5 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)  
Somali Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	66.45	27.91	0.27	5.37
Butter.....	100	79.09	17.95	0.14	2.83
Cheese.....	100	87.5	8.33	4.17	-
Beef.....	100	10	40.78	-	49.22
Mutton/Goat Meat....	100	83.35	0.92	0.45	15.29
Eggs.....	100	22.79	51.83	0.05	25.33
Honey.....	100	70	30	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	50.77	39.36	-	9.86
Hide.....	100	41.07	36.79	-	22.14
Arera.....	100	84.77	6.47	0.5	8.26
Camel Meat.....	100	19.09	53.64	-	27.27

Table 2.5.1 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Shinele

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	80.87	18.02	0.1	1
Butter.....	100	60	40	-	-
Cheese.....	-	-	-	-	-
Beef.....	100	50	-	-	50
Mutton/Goat Meat....	100	78.49	0.91	1.01	19.59
Eggs.....	100	37.24	47.65	-	15.12
Honey.....	100	100	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	100	-	-
Hide.....	100	48.72	41.03	-	10.26
Arera.....	100	100	-	-	-
Camel Meat.....	100	10	90	-	-

Table 2.5.2 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Jijiga

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	53.2	40.02	0.13	6.65
Butter.....	100	82.66	14.58	0.11	2.64
Cheese.....	100	100	-	-	-
Beef.....	100	20	-	-	80
Mutton/Goat Meat....	100	86.01	0.45	0.22	13.32
Eggs.....	100	7.67	90.67	-	1.67
Honey.....	100	55	45	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	40	20	-	40
Hide.....	100	50.41	11.86	-	37.73
Arera.....	100	85.99	4.43	-	9.58
Camel Meat.....	-	-	-	-	-

Table 2.5.3 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Liben

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	74.03	17.98	0.63	7.35
Butter.....	100	69.67	25.83	0.28	4.22
Cheese.....	100	62.5	25	12.5	-
Beef.....	100	-	61.17	-	38.83
Mutton/Goat Meat....	100	84.03	1.64	0.23	14.1
Eggs.....	100	22.64	47.67	0.06	29.63
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	57.31	41.63	-	1.06
Hide.....	100	14.5	81.71	-	3.78
Arera.....	100	77.19	15.6	2.56	4.65
Camel Meat.....	100	20	50	-	30

Table 2.6 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Benshangule-Gumuz Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	31.37	1.08	0.3	67.24
Butter.....	100	54.19	42.06	0.28	3.47
Cheese.....	100	93.61	1.22	-	5.17
Beef.....	100	37.78	61.67	-	0.56
Mutton/Goat Meat....	100	89.28	6.8	0.08	3.85
Eggs.....	100	18.05	16.7	0.12	65.13
Honey.....	100	27.21	69.29	1.03	2.47
Wax.....	100	62.11	24.93	-	12.96
Sheep Hair.....	-	-	-	-	-
Skin.....	100	46	52.33	-	1.67
Hide.....	100	52.73	35.26	-	12.01
Arera.....	100	62.11	0.07	-	37.83
Camel Meat.....	100	20	-	-	80

Table 2.6.1 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Metekel

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	33.29	0.53	0.49	65.68
Butter.....	100	54.37	42.09	-	3.54
Cheese.....	100	92.36	1.85	-	5.79
Beef.....	100	40	60	-	-
Mutton/Goat Meat....	100	95.5	2.82	-	1.68
Eggs.....	100	22.31	15.43	-	62.26
Honey.....	100	32.43	63.53	1.22	2.82
Wax.....	100	26.25	48.75	-	25
Sheep Hair.....	-	-	-	-	-
Skin.....	100	41.43	55	-	3.57
Hide.....	100	43.63	50.77	-	5.6
Arera.....	100	58.11	-	-	41.89
Camel Meat.....	-	-	-	-	-

Table 2.6.2 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Asosa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	41.25	6.46	-	52.29
Butter.....	100	56.74	36.28	-	6.98
Cheese.....	100	96.43	-	-	3.57
Beef.....	100	10	90	-	-
Mutton/Goat Meat....	100	80.65	12.58	0.32	6.45
Eggs.....	100	17.46	18.62	-	63.93
Honey.....	100	33.89	62.59	-	3.52
Wax.....	100	-	100	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	44.9	40.82	-	14.29
Arera.....	100	76.95	-	-	23.05
Camel Meat.....	100	20	-	-	80

Table 2.6.3 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Kemashi

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	29.22	0.26	-	70.52
Butter.....	100	65.38	32.12	0.51	1.99
Cheese.....	100	94.88	-	-	5.12
Beef.....	100	43.33	55	-	1.67
Mutton/Goat Meat....	100	86.71	8.36	-	4.93
Eggs.....	100	15.37	8.28	0.28	76.08
Honey.....	100	44.19	54.19	-	1.61
Wax.....	100	62.07	31.03	-	6.9
Sheep Hair.....	-	-	-	-	-
Skin.....	100	38.46	61.54	-	-
Hide.....	100	69.61	14.71	-	15.69
Arera.....	100	57.15	0.38	-	42.46
Camel Meat.....	-	-	-	-	-

Table 2.6.4 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Mao Komo

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	13.7	-	-	86.3
Butter.....	100	31.33	64.67	1.67	2.33
Cheese.....	100	97.16	-	-	2.84
Beef.....	-	-	-	-	-
Mutton/Goat Meat....	100	93.04	3.91	-	3.04
Eggs.....	100	15.12	23.63	0.28	60.96
Honey.....	100	18.54	77.68	1.49	2.3
Wax.....	100	72.73	11.52	-	15.76
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	72.22	-	-	27.78
Arera.....	100	81.67	-	-	18.33
Camel Meat.....	-	-	-	-	-

Table 2.7 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## S.N.N.P. Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	35.73	1.65	0.27	62.35
Butter.....	100	56.21	40.15	0.44	3.21
Cheese.....	100	64.03	33.26	0.33	2.38
Beef.....	100	50.1	34.8	0.95	14.15
Mutton/Goat Meat....	100	87.31	8.29	0.31	4.08
Eggs.....	100	28.47	32.77	0.17	38.59
Honey.....	100	36.46	60.33	0.91	2.29
Wax.....	100	53.86	24.76	-	21.38
Sheep Hair.....	100	-	100	-	-
Skin.....	100	39.55	54.09	-	6.36
Hide.....	100	42.95	54.35	0.03	2.67
Arera.....	100	52.82	5.75	0.46	40.97
Camel Meat.....	100	-	50	-	50

Table 2.7.1 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Gurage

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	23.24	0.83	0.19	75.74
Butter.....	100	64.38	31.71	0.55	3.36
Cheese.....	100	67.39	29.27	0.51	2.82
Beef.....	100	77.43	8.29	-	14.29
Mutton/Goat Meat....	100	94.29	1.43	1.29	3
Eggs.....	100	43.26	25.13	0.4	31.22
Honey.....	100	62.9	33.92	1.03	2.14
Wax.....	100	42.86	57.14	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	38.24	50	-	11.76
Hide.....	100	2.94	97.06	-	-
Arera.....	100	25.55	0.08	0.49	73.89
Camel Meat.....	-	-	-	-	-

Table 2.7.2 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Hadiya

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	24.25	0.3	0.18	75.28
Butter.....	100	56.69	40.57	0.36	2.39
Cheese.....	100	58.21	41.23	-	0.56
Beef.....	-	-	-	-	-
Mutton/Goat Meat....	100	100	-	-	-
Eggs.....	100	24.68	16.82	-	58.51
Honey.....	100	39.11	59.64	-	1.25
Wax.....	100	16.67	16.67	-	66.67
Sheep Hair.....	-	-	-	-	-
Skin.....	100	14.29	71.43	-	14.29
Hide.....	100	17.39	82.61	-	-
Arera.....	100	50.51	0.58	0.26	48.64
Camel Meat.....	-	-	-	-	-

Table 2.7.3 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Kembata-Tembaro

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	15.93	-	-	84.07
Butter.....	100	53.32	43.57	0.14	2.97
Cheese.....	100	54.7	44.48	-	0.82
Beef.....	-	-	-	-	-
Mutton/Goat Meat....	100	100	-	-	-
Eggs.....	100	25.85	30.56	-	43.59
Honey.....	100	42.22	55.14	0.83	1.81
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	100	28.57	71.43	-	-
Arera.....	100	45.59	2.42	-	51.99
Camel Meat.....	-	-	-	-	-



Table 2.7.4 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Sidama

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	35.94	2.01	-	62.05
Butter.....	100	45.64	49.88	0.12	4.36
Cheese.....	100	55	44	-	1
Beef.....	100	46.67	33.33	-	20
Mutton/Goat Meat....	100	96.67	-	-	3.33
Eggs.....	100	24.31	49.04	0.11	26.55
Honey.....	100	38.68	51.05	7.63	2.63
Wax.....	100	50	-	-	50
Sheep Hair.....	-	-	-	-	-
Skin.....	100	33.33	66.67	-	-
Hide.....	100	14.29	85.71	-	-
Arera.....	100	78.92	13.87	0.11	7.1
Camel Meat.....	-	-	-	-	-

Table 2.7.5 Livestock Product percent of Utilization-Private peasant Holders, 2011/12 (2004 E.C)

## Gedio

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	37.6	1	1.4	60
Butter.....	100	58.26	35.23	0.81	5.7
Cheese.....	100	40	60	-	-
Beef.....	100	36.36	63.64	-	-
Mutton/Goat Meat....	100	68.52	30.23	-	1.25
Eggs.....	100	30.4	41.29	0.03	28.28
Honey.....	100	37.62	57.86	-	4.52
Wax.....	100	-	50	-	50
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	100	-	-
Hide.....	100	22.58	77.42	-	-
Arera.....	100	74.77	19.3	1.4	4.53
Camel Meat.....	-	-	-	-	-

Table 2.7.6 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Wolayita

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	11.71	1.64	0.32	86.33
Butter.....	100	35.56	58.74	1.19	4.51
Cheese.....	100	47.49	49.78	0.39	2.35
Beef.....	-	-	-	-	-
Mutton/Goat Meat....	100	100	-	-	-
Eggs.....	100	15.76	38.08	0.07	46.1
Honey.....	100	31.5	54.06	5.28	9.17
Wax.....	100	96.67	-	-	3.33
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	100	100	-	-	-
Arera.....	100	54.96	15.45	0.93	28.66
Camel Meat.....	-	-	-	-	-

Table 2.7.7 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## South Omo

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	51.47	0.93	0.22	47.38
Butter.....	100	50.67	47	0.05	2.29
Cheese.....	100	65.71	32.5	-	1.79
Beef.....	100	38.08	19.23	7.31	35.38
Mutton/Goat Meat....	100	88.19	1.41	0.62	9.78
Eggs.....	100	22.72	40.63	0.33	36.33
Honey.....	100	21.96	75.77	0.95	1.31
Wax.....	100	30	-	-	70
Sheep Hair.....	-	-	-	-	-
Skin.....	100	92.31	7.69	-	-
Hide.....	100	88.71	10.07	0.14	1.08
Arera.....	100	90.41	0.41	0.02	9.16
Camel Meat.....	-	-	-	-	-

Table 2.7.8 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Sheka

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	45.46	1.03	-	53.51
Butter.....	100	79.83	19.64	-	0.53
Cheese.....	100	84.45	15.14	-	0.41
Beef.....	100	10	90	-	-
Mutton/Goat Meat....	100	76.63	23.37	-	-
Eggs.....	100	35.58	21.77	0.14	42.5
Honey.....	100	22.14	74.11	0.45	3.3
Wax.....	100	89.23	10.77	-	-
Sheep Hair.....	100	-	100	-	-
Skin.....	100	-	100	-	-
Hide.....	100	9.09	90.91	-	-
Arera.....	100	14.69	-	-	85.31
Camel Meat.....	-	-	-	-	-

Table 2.7.9 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Kefa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	41.1	0.67	0.56	57.67
Butter.....	100	75.13	23.76	0.34	0.77
Cheese.....	100	77.18	20.49	0.32	2.01
Beef.....	100	20	80	-	-
Mutton/Goat Meat....	100	78.8	17.39	-	3.8
Eggs.....	100	24.24	24.62	-	51.14
Honey.....	100	27.59	68.66	1.25	2.5
Wax.....	100	66.67	33.33	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	71.43	28.57	-	-
Hide.....	100	18.37	81.63	-	-
Arera.....	100	17.71	-	-	82.29
Camel Meat.....	-	-	-	-	-

Table 2.7.10 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Gamo Gofa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	34.62	0.97	0.08	64.33
Butter.....	100	46.51	50.21	0.25	3.04
Cheese.....	100	50.4	46	0.08	3.52
Beef.....	100	100	-	-	-
Mutton/Goat Meat....	100	96.36	2.42	-	1.21
Eggs.....	100	22.9	50.55	0.12	26.44
Honey.....	100	33.24	64.56	-	2.21
Wax.....	100	66.67	-	-	33.33
Sheep Hair.....	-	-	-	-	-
Skin.....	100	66.67	33.33	-	-
Hide.....	100	33.33	66.67	-	-
Arera.....	100	74.16	14.47	0.49	10.88
Camel Meat.....	-	-	-	-	-

Table 2.7.11 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Bench-Maji

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	56.97	7.78	-	35.25
Butter.....	100	51.19	43.91	0.52	4.38
Cheese.....	100	85.88	8.95	-	5.17
Beef.....	100	12.5	87.5	-	-
Mutton/Goat Meat....	100	91.41	7.17	-	1.41
Eggs.....	100	25.71	22.26	-	52.04
Honey.....	100	32.13	66.2	-	1.67
Wax.....	100	17.86	82.14	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	16.67	83.33	-	-
Hide.....	100	60	40	-	-
Arera.....	100	34.25	0.64	-	65.12
Camel Meat.....	-	-	-	-	-

Table 2.7.12 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Yem Special Wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	63.28	0.39	0.26	36.08
Butter.....	100	69.95	26.45	-	3.6
Cheese.....	100	82.47	15.95	-	1.58
Beef.....	100	10	90	-	-
Mutton/Goat Meat....	100	55.71	44.29	-	-
Eggs.....	100	26.77	53.29	0.69	19.26
Honey.....	100	42.39	56.48	-	1.14
Wax.....	100	100	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	66.67	33.33	-	-
Hide.....	100	-	85.71	-	14.29
Arera.....	100	90.06	6.31	-	3.63
Camel Meat.....	-	-	-	-	-

Table 2.7.13 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Dawro

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	39.92	2.48	1.43	56.18
Butter.....	100	53.56	40.22	1.51	4.71
Cheese.....	100	58.07	36.18	1.41	4.34
Beef.....	100	23.33	56.67	-	20
Mutton/Goat Meat....	100	86.5	6	-	7.5
Eggs.....	100	36.6	32.07	0.53	30.8
Honey.....	100	25	71.57	1.43	2
Wax.....	100	64.38	25	-	10.63
Sheep Hair.....	-	-	-	-	-
Skin.....	100	37.5	62.5	-	-
Hide.....	100	66.67	33.33	-	-
Arera.....	100	41.85	3.71	3.08	51.36
Camel Meat.....	-	-	-	-	-

Table 2.7.14 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Basketo Special Wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	48.47	2.58	-	48.95
Butter.....	100	59.29	37.98	-	2.73
Cheese.....	100	54.17	42.22	-	3.61
Beef.....	100	12.5	42.5	-	45
Mutton/Goat Meat....	100	81.29	9.35	1.61	7.74
Eggs.....	100	28.62	39.22	-	32.16
Honey.....	100	36.35	61.73	-	1.92
Wax.....	100	62.35	2.35	-	35.29
Sheep Hair.....	-	-	-	-	-
Skin.....	100	25	50	-	25
Hide.....	100	16.67	76.67	-	6.67
Arera.....	100	78.27	-	0.1	21.63
Camel Meat.....	-	-	-	-	-

Table 2.7.15 Livestock Product percent of Utilization-Private peasant Holders, 2011/12 (2004 E.C)

## Konta Special Wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	37.87	8.14	0.58	53.41
Butter.....	100	59.72	35.57	0.85	3.87
Cheese.....	100	65.62	30.39	0.66	3.33
Beef.....	100	10	-	-	90
Mutton/Goat Meat....	100	90.63	9.38	-	-
Eggs.....	100	33.2	27.55	0.68	38.57
Honey.....	100	38.97	57.59	1.55	1.9
Wax.....	100	75	25	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	100	-	-
Hide.....	100	11.11	77.78	-	11.11
Arera.....	100	42.56	5.84	-	51.59
Camel Meat.....	-	-	-	-	-

Table 2.7.16 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Silitie

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	30.51	0.04	0.2	69.24
Butter.....	100	54.58	40.64	0.56	4.21
Cheese.....	100	53.24	44.01	0.16	2.59
Beef.....	100	99	-	-	1
Mutton/Goat Meat....	100	97	2.29	-	0.71
Eggs.....	100	43.53	26.14	0.36	29.96
Honey.....	100	63.33	34.81	0.19	1.67
Wax.....	100	-	100	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	14.29	85.71	-	-
Hide.....	100	10.29	89.71	-	-
Arera.....	100	33.55	0.46	0.41	65.57
Camel Meat.....	-	-	-	-	-

Table 2.7.17 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Alaba Special Wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	44.04	-	-	55.96
Butter.....	100	72.85	23.84	-	3.31
Cheese.....	100	69.42	29.21	-	1.37
Beef.....	100	70	-	-	30
Mutton/Goat Meat....	100	94.47	-	-	5.53
Eggs.....	100	32.07	18.92	-	49.01
Honey.....	100	50.54	47.14	-	2.32
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	50	-	-	50
Hide.....	100	39.47	60.53	-	-
Arera.....	100	40.09	-	-	59.91
Camel Meat.....	-	-	-	-	-

Table 2.7.18 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Segen People

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	37.07	0.22	-	62.71
Butter.....	100	63.8	34.57	-	1.63
Cheese.....	100	61.11	32.22	-	6.67
Beef.....	100	33.75	66.25	-	-
Mutton/Goat Meat....	100	90.94	5.47	0.16	3.44
Eggs.....	100	28.77	36.75	0.08	34.39
Honey.....	100	26.8	70	-	3.2
Wax.....	100	12.22	87.78	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	50	50	-	-
Hide.....	100	59.84	23.95	-	16.21
Arera.....	100	85.34	11.55	-	3.12
Camel Meat.....	100	-	50	-	50

Table 2.8 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Gambela Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	65.39	12.55	0.03	22.03
Butter.....	100	75.62	19.85	0.07	4.46
Cheese.....	100	80.31	13.23	-	6.46
Beef.....	100	60.94	7.69	-	31.37
Mutton/Goat Meat....	100	74.07	8.67	1.13	16.13
Eggs.....	100	23.97	23.33	-	52.7
Honey.....	100	22	73.41	0.65	3.94
Wax.....	100	53.95	10.53	-	35.53
Sheep Hair.....	-	-	-	-	-
Skin.....	100	73.47	24.49	2.04	-
Hide.....	100	45.26	51.58	-	3.16
Arera.....	100	57.84	1.16	-	41
Camel Meat.....	100	11	55	-	34



Table 2.8.1 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Agnuwak

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	53.57	12.13	-	34.3
Butter.....	100	75.47	22.36	-	2.17
Cheese.....	100	73.44	23.23	-	3.33
Beef.....	100	91.38	8.28	-	0.34
Mutton/Goat Meat....	100	79.09	7.27	-	13.64
Eggs.....	100	23.18	15.25	-	61.57
Honey.....	100	18.26	76.14	-	5.61
Wax.....	100	50	50	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	80	5	-	15
Arera.....	100	58.29	2.11	-	39.61
Camel Meat.....	-	-	-	-	-

Table 2.8.2 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Nuware

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	75.53	13.91	0.03	10.54
Butter.....	100	79.88	16.02	0.24	3.86
Cheese.....	100	75	-	-	25
Beef.....	100	33.32	2.42	-	64.26
Mutton/Goat Meat....	100	47.33	11.33	-	41.33
Eggs.....	100	9.63	24.96	-	65.41
Honey.....	100	100	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	95.24	4.76	-	-
Arera.....	100	85.69	2.82	-	11.49
Camel Meat.....	100	12	60	-	28

Table 2.8.3 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Mezhenger

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	52.98	3.24	0.05	43.73
Butter.....	100	74.05	20.3	-	5.64
Cheese.....	100	82.14	10.5	-	7.36
Beef.....	100	75	25	-	-
Mutton/Goat Meat....	100	86.74	4.17	2.12	6.97
Eggs.....	100	40.39	26.27	-	33.34
Honey.....	100	23.9	72.73	1.56	1.81
Wax.....	100	55	-	-	45
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	92.31	7.69	-
Hide.....	100	7.84	92.16	-	-
Arera.....	100	41.5	-	-	58.5
Camel Meat.....	-	-	-	-	-

Table 2.8.4 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Itang Special

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	58.15	39.26	-	2.59
Butter.....	100	58	42	-	-
Cheese.....	100	100	-	-	-
Beef.....	100	50	30	-	20
Mutton/Goat Meat....	100	50	50	-	-
Eggs.....	100	19.09	35.15	-	45.76
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	100	-	-	-
Arera.....	100	60	-	-	40
Camel Meat.....	100	10	50	-	40

Table 2.9 Livestock Product percent of Utilization-Private peasant Holders, 2013/14 (2006 E.C)

## Harai Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	57.2	36.71	-	6.09
Butter.....	100	98.5	-	-	1.5
Cheese.....	-	-	-	-	-
Beef.....	100	40	-	-	60
Mutton/Goat Meat....	100	53.33	-	-	46.67
Eggs.....	100	39	29.37	0.14	31.49
Honey.....	100	36.25	48.75	-	15
Wax.....	100	100	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	40	-	-	60
Hide.....	100	38.46	-	-	61.54
Arera.....	100	92.11	-	-	7.89
Camel Meat.....	100	80	-	-	20

Table 2.10 Livestock Product percent of Utilization-Private peasant Holders, 2011/12 (2004 E.C)

## Dire Dawa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	61.84	31.73	-	6.42
Butter.....	100	91.11	2.22	-	6.67
Cheese.....	100	88.89	-	-	11.11
Beef.....	-	-	-	-	-
Mutton/Goat Meat....	100	81.12	-	-	18.88
Eggs.....	100	12.65	70.48	-	16.87
Honey.....	100	57.8	34.2	-	8
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	50	12.5	-	37.5
Hide.....	100	61.74	18.84	-	19.42
Arera.....	100	87.78	-	-	12.22
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  $h^{\text{th}}$  stratum.

$M_h$  is the measure of size of the  $h^{\text{th}}$  stratum as obtained from the sampling frame.

$m_{hi}$  is the measure of size of the  $i^{\text{th}}$  sample EA in the  $h^{\text{th}}$  stratum obtained from the sampling frame.

$H_{hi}$  is the total number of agricultural households of the  $i^{\text{th}}$  sample EA in the  $h^{\text{th}}$  stratum.

$h_{hi}$  is the number of sample agricultural households successfully covered in the  $i^{\text{th}}$  sample EA in the  $h^{\text{th}}$  stratum.

$a_{hij}$  is the value of area for agricultural household  $j$ , in the  $i^{\text{th}}$  EA in the  $h^{\text{th}}$  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  $i^{\text{th}}$  EA in

the  $h^{\text{th}}$  stratum.

$\hat{P}_h$  is estimate of total quantity of production of a specific crop in the  $h^{\text{th}}$  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  $i^{\text{th}}$  EA in the  $h^{\text{th}}$  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  $i^{\text{th}}$  EA in the  $h^{\text{th}}$  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  $i^{\text{th}}$  sample EA in

stratum  $h$ .

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

$\hat{A}_{hij}, \hat{P}_{hij}$  are weighted values of area and production, respectively, from  $j^{\text{th}}$  agricultural household in the  $i^{\text{th}}$  EA and  $h^{\text{th}}$  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 2013/14 (2006 E.C)

PART1- IDENTIFICATION PARTICULARS

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

Part II-Crop Usage Proportions (percentages)

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

Part III-Livestock Product Usage Proportions

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

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

