

**THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA**

CENTRAL STATISTICAL AGENCY

*AGRICULTURAL SAMPLE SURVEY*

**2016/2017 (2009 E.C.)**

**(September – January 2016/2017)**

*VOLUME VII*

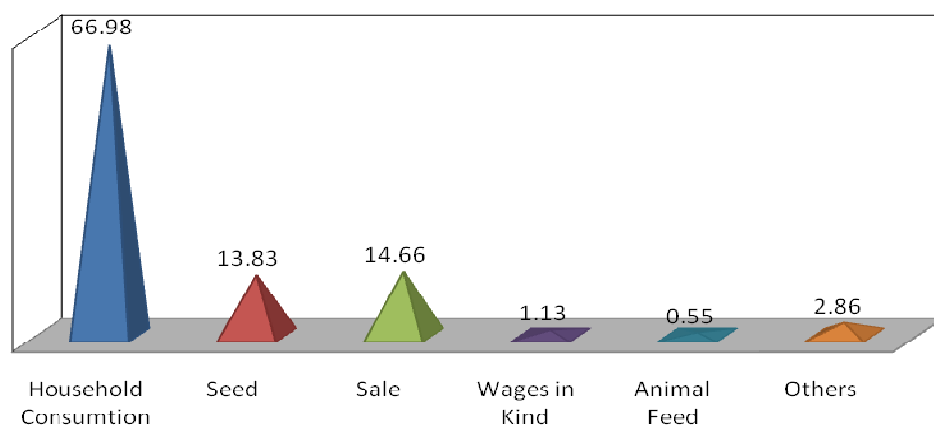
*REPORT ON*

**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**

**July, 2017**

## TABLE OF CONTENTS

	Page
PART I INTRODUCTION AND OBJECTIVES OF THE SURVEY.....	1
1.1 Introduction .....	1
1.2 Objectives of the Survey .....	2
PART II SURVEY METHODOLOGY, DATA COLLECTION AND PROCESSING	3
2.1 Scope and Coverage of the Survey.....	3
2.2 Sampling Frame.....	4
2.3 Sample Design.....	4
2.4 Selection Scheme.....	4
2.5 Organization of Field Work.....	5
2.6 Training of Field Staff.....	5
2.7 Method of Data Collection.....	6
2.8 Data Processing.....	6
a) Editing, Coding and Verification.....	6
b) Data Entry, Cleaning and Tabulation.....	7
2.9 Concepts and Definition.....	7
PART III SUMMARY OF SURVEY RESULTS.....	11
3.1 Crop Utilization .....	11
Tables 1 – 1.10 Crop production and percent of Utilization.....	15
3.2 Utilization of Livestock Products.....	91
Tables 2.1 – 2.10 Livestock Product Utilization.....	95
APPENDIX I Estimation Procedures of Totals, Ratios and Sampling Errors .....	130
APPENDIX II Questionnaire.....	135

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

The 2016/17(2009 E.C.) Annual Agricultural Sample Survey (Meher season) covered the entire rural parts of the country except the non-sedentary population of three zones of Afar & six zones of Somali regions.

To be covered by the survey, a total of 2,247 Enumeration Areas (EAs) were selected. However, due to various reasons that are beyond control, in 32 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,215 EAs (98.58 %) throughout the regions. Crop and livestock product utilization Sample Survey was conducted on the basis of 30 agricultural households selected from each EA. Regarding the ultimate sampling units, it was intended to cover a total of 67,410 agricultural households, however, 66,120 (98.09%) were actually covered by the survey.

## **2.2 SAMPLING FRAME**

The list containing EAs of all regions and their respective households obtained from the 2009 (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 2016/17(2009 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 2009 (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 2,359 enumerators, 565 field supervisors, and more than 80 statisticians were involved in the data collection where on the average one supervisor was assigned to four enumeration areas for supervision of data collection. All the enumerators were supplied with the necessary survey equipment after the completion of the training to ensure the smooth operation of the survey. To facilitate the data collection activities, a total of 194 four-wheel drive vehicles were used.

## **2.6. TRAINING OF FIELD STAFF**

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

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

training was then assigned to conduct similar training for the enumerators and other supervisors for 18 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 2016/17(2009 E.C.) was collected from sedentary rural peasant households by interviewing the selected agricultural holders.

## **2.8. DATA PROCESSING**

### **a) Editing, Coding and Verification**

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

An editing, coding and verification instruction manual was prepared and reproduced for this purpose. Then more than 30 editors-coders and verifiers were trained for one day in editing, coding and verification using the aforementioned manual as a reference and teaching aid. The completed questionnaires were edited, coded and later verified on a 100 % basis before the questionnaires were passed over to the data entry unit. The editing, coding and verification exercise of all questionnaires took 20 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 2016/17(2009 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 65.53 percent of the cereals produced were used for household consumption. Nearly 12.36 percent and 23.1 percent were used for seed and sale, respectively. The remaining 4 per cent of the cereals produced was used for other purposes like wages, animal feed, etc. When the utilization is considered by type of crops it is easy to realize that between 48 percent and 75 per cent of the crops in the cereals group were used for own consumption and between 11 per cent and 36 per cent of these crops were used for sale. Moreover, between 8 per cent and 19 per cent of the same crops in the same group were used for seed.

As shown in Summary Table 1, about 57 per cent of pulses were used for household consumption, 14 per cent for seed and about 27 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, without considering Masho,

between 13 per cent and 69 per cent of the crops were utilized for household consumption and between 19 per cent and 63 per cent of crop were utilized for sale in the same crops in the same group were sold in 2016/17(2009 E.C.). Moreover, between 10 per cent and 17 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 34 percent, 11 percent and about 52 percent were used for household consumption, seed, and sale, respectively. Taking utilization by crop type into account, between 19 per cent and nearly 57 percent of each crop type in the oilseeds category were used for household consumption, between 29 percent and nearly 69 percent for sale and about 8-15 per cent for seed. It may reasonably be summed up that more of the oilseeds produced are used for sale or as cash crops. Most of the regions show the same picture as the country and few regions consumed more of the oilseeds as indicated in the statistical tables.

The percentage of vegetables consumed at home at country level is even more than that of cereals and pulses. The data reveals that about 74 percent, 23 per cent and nearly 1 per cent of the vegetables produced were used for household consumption, sale, and seed, respectively. The remaining about 2 percent of the vegetables was used for wages, animal feed and others. The percent used by crop type within the vegetables group were 65 - 83 percent about percent for household consumption, nearly 13 percent – 33 percent for sale and about 0.15 –1.77 percent for seed. For details, refer to Summary Table 1.

The utilization of root crops for household consumption was about 71 percent, and 20 percent for sale and 7 per cent for seed. The ranges of percent utilized by crop type within the root crops category fall between 55 percent – 80 percent for

consumption, 9 percent – 43 percent for sale and about 0.38 - 13 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 53 percent of the permanent crops were used for consumption at home and about 43 percent for sale. The utilization by crop type within the permanent crop group ranges between about 27 percent and 71 percent for household consumption and between about 25 percent and 69 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	290,385,593	60.63	12.36	23.1	0.76	0.69	2.46
Cereals	253,847,240	65.53	12.14	17.78	0.85	0.92	2.78
Pulses	28,146,332	56.74	13.59	27.05	0.55	0.26	1.82
Oilseeds	8,392,022	34.3	10.9	52.33	0.68	0.05	1.75
Vegetables	8,126,249	74.4	0.97	22.67	0.27	0.07	1.62
Root Crops	50,892,481	70.99	7.28	19.52	0.21	0.92	1.07
Permanent Crops	29,320,288	53.21	0.48	42.72	0.51	0.81	2.28
Enset	60,736,017	80.19	0.53	13.85	1.09	2.34	2.00

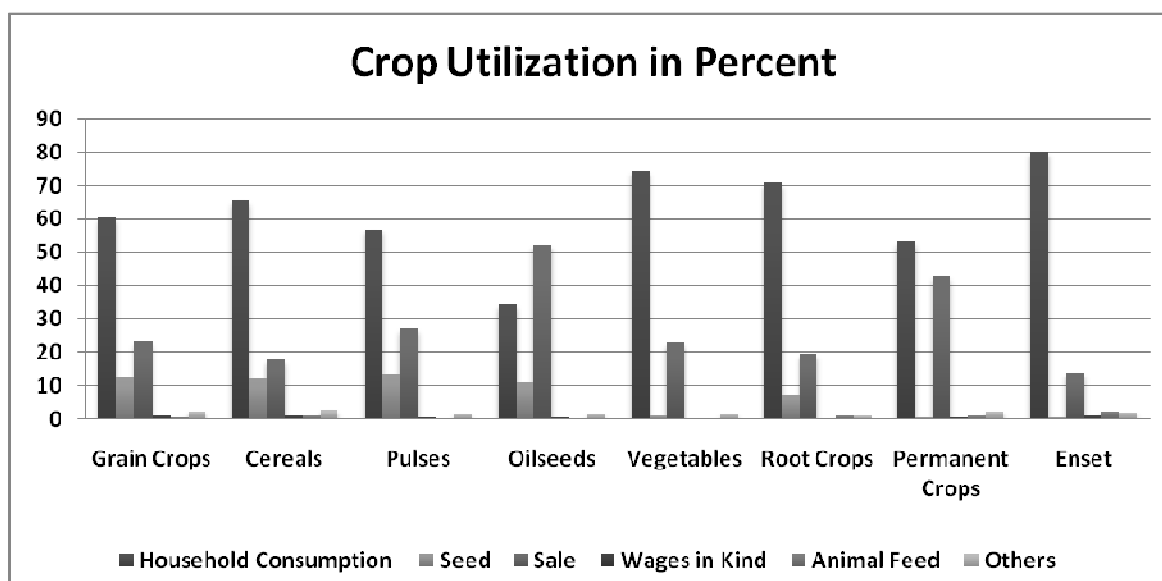


Figure 1 Percentage of Crops Utilization



**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>	290,385,593	60.63	12.36	23.1	0.76	0.69	2.46
<b>Cereals</b>	253,847,240	65.53	12.14	17.78	0.85	0.92	2.78
Teff	50,204,401	51.59	13.17	31.07	1.12	0.11	2.94
Barley	20,249,217	62.05	18.55	15.42	0.63	0.97	2.37
Wheat	45,378,523	56.95	16.98	21.74	0.92	0.18	3.22
Maize	78,471,747	74.79	7.98	12.37	0.69	1.77	2.4
Sorghum	47,520,956	73.68	10.11	11.35	0.72	1.18	2.96
Finger millet	10,170,593	71.58	10.59	12.61	1.38	0.37	3.47
Oats "Aja"	491,796	60.99	17.93	17.73	0.55	0.86	1.93
Rice	1,360,007	48.19	12.01	35.64	1.51	0.59	2.06
<b>Pulses</b>	28,146,332	56.74	13.59	27.05	0.55	0.26	1.82
Horse beans white	8,780,109	61.36	14.47	21.67	0.57	0.07	1.87
Horse beans red	3,481,446	54.8	15.89	26.48	0.67	0.19	1.98
Field peas	1,259,802	62.93	11.06	23.75	0.35	0.32	1.59
Haricot beans	3,579,425	68.83	10.33	19.27	0.33	0.21	1.04
Chick – peas	4,441,459	51.22	13.78	30.68	0.86	0.29	3.17
Lentils	1,662,742	34.03	16.85	46.38	0.44	0.02	2.29
Vetch	2,970,972	49.62	15.99	29.08	0.63	2	2.67
Soya beans	812,347	22.35	15.1	59.34	1.37	0.6	1.25
Fenugreek	454,808	50.33	13.29	35.11	0.19	0.09	0.99
Masho	429,156	12.89	12.12	71.46	1.21	-	2.31
Gibto	274,067	20.54	12.2	62.52	1.61	-	3.13
<b>Oilseeds</b>	8,392,022	34.3	10.9	52.33	0.68	0.05	1.75
Neug	3,024,320	21.33	10.87	64.87	0.76	0.01	2.17
Linseed	879,117	55.16	12.61	29.83	0.5	0.03	1.87
Groundnuts	1,296,364	23.77	14.91	58.35	1.03	0.2	1.74
Safflower	79,537	58.67	9.48	29.31	0.29	*	2.25
Sesame	2,678,666	19.22	9.58	69.02	0.95	0.05	1.18
Rapeseed	434,019	54.27	7.89	35.97	0.21	0.02	1.64
<b>Vegetables</b>	8,126,249	74.4	0.97	22.67	0.27	0.07	1.62
Lettuce	760	83.29	0.15	13.03	-	3.24	0.29
Head cabbage	386,815	65.86	0.36	32.19	0.13	0.01	1.45
Ethiopian cabbage	3,528,964	80.79	0.63	16.32	0.24	0.12	1.91
Tomatoes	283,648	65.13	0.49	32.78	0.05	0.27	1.28
Green peppers	617,943	79.65	0.56	18.27	0.07	*	1.45
Red peppers	3,298,043	65.56	1.77	30.74	0.47	0.03	1.43
Swiss chard	10,076	69.32	1.31	27.92	0.14	-	1.31
<b>Root Crops</b>	50,892,481	70.99	7.28	19.52	0.21	0.92	1.07
Beetroot	253,503	69.48	0.38	29.02	0.08	0.1	0.94
Carrot	90,339	55.06	0.66	43.19	0.03	0.37	0.69
Onion	3,274,752	56.34	3.43	39.03	0.33	0.01	0.87
Potatoes	9,214,032	63.41	13.31	21.48	0.21	0.12	1.47
Yam	5,096,434	77.83	8.1	13.09	0.13	0.06	0.79
Garlic	1,386,643	59.78	12.35	26.86	0.14	0.04	0.84
Taro / 'Godere'	12,179,165	80.49	8.67	8.76	0.28	0.81	0.99
Sweet potatoes	19,397,612	80.01	0.93	14.15	0.21	3.3	1.4
<b>Permanent crops</b>	29,320,288	53.21	0.48	42.72	0.51	0.81	2.28
Avocados	649,821	53.4	0.3	43.92	0.25	0.27	1.86
Bananas	5,383,023	50.08	0.37	46.82	0.28	0.62	1.83
Guavas	43,265	69.46	0.36	24.67	0.07	0.86	4.58
Lemons	77,815	41.74	0.42	53.63	0.25	0.08	3.88
Mangoes	1,046,461	58.35	0.18	38.3	0.28	0.04	2.85
Oranges	206,560	57.58	0.32	39.59	0.21	0.03	2.26
Papayas	503,962	70.72	0.24	26.43	0.18	0.13	2.3
Pineapples	12,758	46.86	-	52.84	-	-	0.31
Chat	2,201,860	26.68	0.42	68.87	0.38	0.05	3.59
Coffee	4,690,911	45.45	0.66	51.06	0.8	0.05	1.99
Hops (Gesho)	400,736	55.53	0.44	42.29	0.19	0.01	1.54
Sugar cane	14,103,115	47.9	1.03	41.8	0.33	6.53	2.41
<b>Enset</b>	60,736,017	80.19	0.53	13.85	1.09	2.34	2

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>	18,448,000	67.15	11.6	17.42	0.36	0.79	2.68
<b>Cereals</b>	17,025,830	72.16	12.17	11.13	0.42	0.96	3.15
Teff	2,410,117	65.83	12.72	17.9	0.26	0.04	3.25
Barley	1,695,725	69.66	17.69	9.52	0.51	0.23	2.39
Wheat	2,128,673	67.35	16.79	10.4	0.62	0.07	4.76
Maize	1,698,014	80.54	9	5.14	0.34	2.73	2.25
Sorghum	7,120,054	72.46	10.08	12.69	0.45	1.14	3.18
Finger millet	1,960,442	71.91	10.82	12.63	0.47	0.22	3.95
Oats "Aja"	1,376	95	5	-	-	-	-
Rice	11,430	74.8	5.2	18.7	0.3	-	1
<b>Pulses</b>	570,502	70.98	10.72	16.93	0.09	0.21	1.07
Horse beans white	151,091	77.25	10.53	11.27	0.12	0.02	0.79
Horse beans red	77,633	68.37	11.85	17.61	0.07	0.84	1.26
Field peas	22,482	85.34	8.16	6.4	-	-	0.1
Haricot beans	30,902	88.22	5.67	6.11	-	-	-
Chick – peas	105,027	68.97	7	20.88	-	0.88	2.26
Lentils	74,696	50.92	13.85	34	0.19	-	1.04
Vetch	104,534	61.46	13.78	22.33	0.11	-	2.32
Soya beans	-	-	-	-	-	-	-
Fenugreek	4,138	75.97	8.99	14.93	-	-	0.12
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	851,668	23.37	8.07	67.64	0.19	0.03	0.71
Neug	74,123	36.42	9.91	51.98	0.01	-	1.69
Linseed	67,847	65.08	9.2	24.78	0.07	-	0.87
Groundnuts	8,258	19.55	8.18	70.45	-	-	1.82
Safflower	-	-	-	-	-	-	-
Sesame	701,160	5.1	7.14	87.16	0.29	0.05	0.27
Rapeseed	281	53.5	5.9	37.5	-	-	3.1
<b>Vegetables</b>	127,432	86.42	1.05	11.21	0.02	0.14	1.16
Lettuce	530	80.17	0.42	11.08	-	8.33	-
Head cabbage	7,030	41.47	-	57.35	-	0.29	0.88
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	50,394	62.29	0.34	36.16	0.05	0.08	1.09
Green peppers	34,635	86.92	0.23	10.86	-	-	1.98
Red peppers	34,844	92.24	1.43	5.3	0.02	-	1.01
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	140,035	63.4	5.46	30.38	0.02	-	0.74
Beetroot	-	-	-	-	-	-	-
Carrot	1,572	9.83	-	90.17	-	-	-
Onion	44,160	71.15	2.33	26.39	-	-	0.13
Potatoes	50,388	66.04	2.41	29.52	-	-	2.04
Yam	-	-	-	-	-	-	-
Garlic	43,916	63.92	7.24	28.01	0.03	-	0.8
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	117,366	58.37	0.5	38.69	0.21	0.17	2.06
Avocados	-	-	-	-	-	-	-
Bananas	5,127	51.16	-	45.68	0.26	-	2.89
Guavas	5,949	62.71	2.76	32.81	0.43	-	1.29
Lemons	5,807	29.87	-	65.49	-	0.16	4.48
Mangoes	5,432	46.55	-	52.27	-	-	1.18
Oranges	5,248	48.22	1.56	48.88	0.16	0.16	1.03
Papayas	3,162	31.25	-	63.72	-	3.13	1.91
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	86,642	64.38	0.3	33.17	0.23	0.01	1.91
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		Animal Feed	Others
		Household Consumption	Seed	Sale	Wages In kind		
<b>Grain Crops</b>	5,425,214	67.4	10.1	17.96	0.37	0.97	3.2
<b>Cereals</b>	5,147,498	71.83	10.03	12.8	0.45	1.18	3.71
Teff	637,660	65.36	10.85	20.74	0.05	0.05	2.95
Barley	7,362	88	12	-	-	-	-
Wheat	2,040	-	100	-	-	-	-
Maize	787,144	79.37	8.41	6.4	0.4	2.61	2.82
Sorghum	2,361,915	71.35	10.38	12.16	0.47	1.42	4.23
Finger millet	1,350,981	68.32	10.74	14.75	0.84	0.21	5.15
Oats "Aja"	-	-	-	-	-	-	-
Rice	398	10	10	80	-	-	-
<b>Pulses</b>	121,633	77.87	10.13	10.74	-	-	1.25
Horse beans white	24,959	82.08	13.93	3.1	-	-	0.89
Horse beans red	5,600	81.82	9.09	9.09	-	-	-
Field peas	1,436	94.22	5.22	-	-	-	0.56
Haricot beans	25,790	80	20	-	-	-	-
Chick – peas	61,281	70.82	7.16	19.92	-	-	2.1
Lentils	175	100	-	-	-	-	-
Vetch	2,375	47	9	42	-	-	2
Soya beans	-	-	-	-	-	-	-
Fenugreek	16	99	1	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	156,083	22.31	10.62	66.69	0.02	-	0.35
Neug	27,858	36.21	11.29	51.31	-	-	1.19
Linseed	9,926	65.67	7.67	26.37	0.13	-	0.17
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	118,293	5.74	11.22	82.99	-	-	0.04
Rapeseed	7	10	4	80	-	-	6
<b>Vegetables</b>	58,813	88.61	1.47	8.3	0.03	0.02	1.57
Lettuce	21	81	2.5	16.5	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	33,670	54.21	0.15	44.03	-	0.21	1.41
Green peppers	3,185	92.95	-	4.52	-	-	2.52
Red peppers	21,938	93.07	1.75	3.61	0.04	-	1.53
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	3,436	84.76	6.34	8.79	-	-	0.1
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	186	80.63	0.88	18.13	-	-	0.38
Potatoes	1,554	100	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	1,697	84.89	9.32	5.79	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	28,989	52.95	0.44	43.78	0.13	0.86	1.84
Avocados	-	-	-	-	-	-	-
Bananas	4	50	-	50	-	-	-
Guavas	1,766	54.5	-	42.5	1.5	-	1.5
Lemons	567	41.67	-	49.67	-	-	8.67
Mangoes	2,911	29.25	-	70	-	-	0.75
Oranges	2,505	65.63	6.25	27.5	-	-	0.63
Papayas	268	29.55	-	61.36	-	9.09	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	20,969	59.03	0.01	40.06	-	-	0.9
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)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	3,853,231	74.95	13.07	9.01	0.19	0.35	2.43
<b>Cereals</b>	3,672,940	75.4	13.89	7.24	0.23	0.43	2.8
Teff	929,758	71.16	14.07	11.55	0.33	-	2.9
Barley	332,292	73.38	18.5	6.17	0.26	0.12	1.57
Wheat	498,755	71	17.18	5.62	0.29	0.04	5.87
Maize	506,610	82.78	11	2.69	0.18	1.3	2.06
Sorghum	1,147,402	74.06	13.26	9.37	0.21	0.56	2.55
Finger millet	256,747	77.11	12.39	7.57	0.13	-	2.8
Oats "Aja"	1,376	95	5	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	138,877	77.07	9.96	11.93	-	-	1.04
Horse beans white	62,512	82.5	9.83	6.93	-	-	0.74
Horse beans red	10,177	68.7	13.26	15.87	-	-	2.17
Field peas	16,545	86.15	10.58	3.27	-	-	-
Haricot beans	2,003	96	4	-	-	-	-
Chick – peas	14,566	67.52	6.82	23.03	-	-	2.64
Lentils	13,041	59.05	10.5	29.63	-	-	0.83
Vetch	18,248	69.57	16.43	8.93	-	-	5.07
Soya beans	-	-	-	-	-	-	-
Fenugreek	1,785	73.71	9.03	17.26	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	41,414	61.01	8.85	29.7	-	-	0.43
Neug	7,528	74.1	8.59	17.31	-	-	-
Linseed	24,343	67.31	9.31	22.85	-	-	0.53
Groundnuts	4,555	10	-	86	-	-	4
Safflower	-	-	-	-	-	-	-
Sesame	4,989	20.63	10.5	68.88	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	19,908	93.26	0.68	5.68	-	-	0.38
Lettuce	157	100	-	-	-	-	-
Head cabbage	2,508	46.67	-	50	-	-	3.33
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	5,871	47	-	53	-	-	-
Green peppers	9,362	94.31	-	5	-	-	0.69
Red peppers	2,011	98.62	1.38	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	29,805	54.83	4.58	40.25	-	-	0.33
Beetroot	-	-	-	-	-	-	-
Carrot	1,093	17	-	83	-	-	-
Onion	2,302	91.67	0.83	7.5	-	-	-
Potatoes	1,170	61.67	-	38.33	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	25,240	48	6.63	44.88	-	-	0.5
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	40,588	59.95	1.04	38.42	0.07	-	0.51
Avocados	-	-	-	-	-	-	-
Bananas	1,220	62.5	-	37.5	-	-	-
Guavas	1,282	72.38	4.05	22.62	0.48	-	0.48
Lemons	432	32.27	-	66.82	-	-	0.91
Mangoes	1,541	62.5	-	37.5	-	-	-
Oranges	1,601	81.25	-	18.75	-	-	-
Papayas	1,389	5	-	95	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	33,124	60.51	0.64	38.32	-	-	0.53
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	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	1,570,063	71.79	15	10.81	0.11	0.3	1.98
<b>Cereals</b>	1,428,212	72.16	15.64	9.51	0.13	0.21	2.36
Teff	117,466	64.1	16.14	18.48	0.1	-	1.18
Barley	468,759	69.81	18.66	8.37	0.02	0.55	2.59
Wheat	573,807	68.37	17.57	10.08	0.25	-	3.73
Maize	77,323	81.47	11.59	4.86	0.33	0.36	1.4
Sorghum	121,576	78.26	11.73	9.02	-	-	0.99
Finger millet	69,281	79.28	11.2	7.08	-	-	2.44
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	135,759	69.88	12.91	15.93	0.04	0.75	0.49
Horse beans white	31,469	74.35	12.78	12.6	-	-	0.27
Horse beans red	25,372	74.02	13.2	9.85	-	2.17	0.76
Field peas	136	100	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	12,302	66.63	8.16	19.95	-	5.26	-
Lentils	6,917	57.58	14.92	27.08	-	-	0.42
Vetch	58,380	59.75	15.54	23.37	0.19	-	1.15
Soya beans	-	-	-	-	-	-	-
Fenugreek	1,184	78.07	9.93	12	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	6,092	75	7.5	17.31	-	-	0.19
Neug	-	-	-	-	-	-	-
Linseed	5,978	71.43	6.9	21.43	-	-	0.24
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	114	90	10	-	-	-	-
<b>Vegetables</b>	15,309	87.54	-	11.84	-	-	0.61
Lettuce	322	100	-	-	-	-	-
Head cabbage	1,538	75	-	25	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	4,807	82	-	15.5	-	-	2.5
Green peppers	8,013	79.69	-	19.69	-	-	0.63
Red peppers	629	94.35	-	5.65	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	32,596	74.02	2.34	23.64	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	325	4.33	-	95.67	-	-	-
Onion	5,358	89.9	-	10.1	-	-	-
Potatoes	26,285	36	-	64	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	627	86	7.33	6.67	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	10,271	75.69	0.99	21.64	0.09	-	1.6
Avocados	-	-	-	-	-	-	-
Bananas	*	-	-	-	-	-	-
Guavas	548	73.67	5	19.33	-	-	2
Lemons	73	30	-	56.67	-	-	13.33
Mangoes	-	-	-	-	-	-	-
Oranges	52	95	-	5	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	9,595	76.24	0.59	21.73	0.1	-	1.34
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)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	3,830,574	65.55	12.54	17.35	0.7	0.05	3.81
<b>Cereals</b>	3,635,055	67.33	12.96	14.57	0.78	0.05	4.32
Teff	614,982	62.75	11.8	19.99	0.48	0.06	4.91
Barley	814,334	66.71	16.11	13.1	1.05	0.03	3
Wheat	1,019,111	64.52	16.01	13.27	0.96	0.06	5.17
Maize	145,588	81.78	8.14	6.93	0.55	0.09	2.51
Sorghum	1,028,577	65.65	9.96	17.95	0.72	-	5.72
Finger millet	12,462	70.5	12.25	12.5	0.5	-	4.25
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	162,812	56.4	11.12	30.89	0.36	0.06	1.16
Horse beans white	25,962	56.81	8.7	33	0.88	-	0.61
Horse beans red	34,995	58.61	11.29	28.67	0.2	0.31	0.92
Field peas	3,890	65	8	27	-	-	-
Haricot beans	2,990	82.22	5.56	12.22	-	-	-
Chick – peas	14,097	68.67	5	19.17	-	-	7.17
Lentils	54,193	40.39	16.2	41.9	0.39	-	1.12
Vetch	25,531	63.85	8.55	24.1	-	-	3.5
Soya beans	-	-	-	-	-	-	-
Fenugreek	1,153	74.69	8.58	16.35	-	-	0.38
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	32,707	57.72	8.42	32.26	0.13	-	1.47
Neug	49	74.5	0.5	12.5	-	-	12.5
Linseed	25,823	62.62	8.68	27.17	0.15	-	1.38
Groundnuts	3,698	15	16	69	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	3,137	34.67	2	63.33	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	19,000	61.4	0.6	32	0.1	2.1	3.8
Lettuce	30	50	-	25	-	25	-
Head cabbage	2,436	13.75	-	85	-	1.25	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	2,180	55.91	-	41.36	0.45	-	2.27
Green peppers	12,740	60.87	1.3	30.65	-	-	7.17
Red peppers	1,615	100	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	64,141	49.09	7.76	42.29	-	-	0.86
Beetroot	-	-	-	-	-	-	-
Carrot	154	5	-	95	-	-	-
Onion	33,574	37.06	6.94	55.72	-	-	0.28
Potatoes	19,960	81.67	7.5	10.83	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	10,453	55.67	9.33	33.5	-	-	1.5
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	16,310	54.42	-	41.73	0.15	0.08	3.62
Avocados	-	-	-	-	-	-	-
Bananas	50	46.82	-	49.55	0.45	-	3.18
Guavas	192	50.63	-	49.38	-	-	-
Lemons	1,563	13	-	84	-	-	3
Mangoes	28	100	-	-	-	-	-
Oranges	304	29	-	67.86	0.71	0.71	1.71
Papayas	623	58	-	37.6	-	-	4.4
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	13,550	61.48	-	34.14	0.11	0.05	4.21
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)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	3,768,919	56.31	8.12	31.02	0.42	2.09	2.03
<b>Cereals</b>	3,142,125	73.22	8.63	12.26	0.49	2.94	2.46
Teff	110,251	58.57	11.28	26.43	0.2	0.14	3.38
Barley	72,978	68.8	20.23	8.52	0.82	0.23	1.39
Wheat	34,959	65.63	14.06	14.35	2.06	0.78	3.12
Maize	181,349	78.72	7.16	5.58	0.35	6.11	2.08
Sorghum	2,460,585	74.31	7.39	13.38	0.56	2.23	2.13
Finger millet	270,971	69.72	9.13	16.49	0.37	0.58	3.72
Oats "Aja"	-	-	-	-	-	-	-
Rice	11,032	82	4.67	11.89	0.33	-	1.11
<b>Pulses</b>	11,422	80.98	5.27	10.53	0.08	0.17	2.97
Horse beans white	6,189	81.53	4.91	10.35	0.15	0.29	2.76
Horse beans red	1,488	76.25	7.25	11.25	-	-	5.25
Field peas	475	83.78	5.11	11.11	-	-	-
Haricot beans	*	-	-	-	-	-	-
Chick – peas	2,781	69	4	22.5	-	-	4.5
Lentils	370	89.4	5.8	-	-	-	4.8
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	615,372	9.13	7.09	82.65	0.29	0.05	0.79
Neug	38,688	22.7	10.02	65.01	0.01	-	2.27
Linseed	1,777	56.47	17.33	23.87	-	-	2.33
Groundnuts	5	90	10	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	574,742	4.01	6.08	89.13	0.37	0.06	0.34
Rapeseed	160	18.75	1.25	73.75	-	-	6.25
<b>Vegetables</b>	14,402	84.86	0.98	13.63	-	-	0.54
Lettuce	-	-	-	-	-	-	-
Head cabbage	548	40.71	-	58.57	-	-	0.71
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	3,866	69.64	0.78	29.44	-	-	0.14
Green peppers	1,336	96.55	0.05	3.41	-	-	-
Red peppers	8,653	88.22	1.17	9.92	-	-	0.68
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	10,057	65.75	5.88	26.84	0.05	-	1.48
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	2,740	20	-	80	-	-	-
Potatoes	1,418	77.5	2.5	13.13	-	-	6.88
Yam	-	-	-	-	-	-	-
Garlic	5,899	65.72	6.33	26.88	0.06	-	1.01
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	21,207	48.36	0.03	48.26	0.54	0.06	2.75
Avocados	-	-	-	-	-	-	-
Bananas	3,850	56.4	-	39.6	-	-	4
Guavas	2,161	15.5	-	79.5	-	-	5
Lemons	3,172	28.42	-	68.17	-	0.42	3
Mangoes	952	42.5	-	55	-	-	2.5
Oranges	786	1.88	-	96.13	-	-	2
Papayas	883	26.79	-	70.43	-	-	2.79
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	9,404	59.88	0.05	36.63	0.83	-	2.62
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		Others
		Household Consumption	Seed		Wages In kind	Animal Feed	
<b>Grain Crops</b>	183,745	68.66	8.15	19.29	0.22	0.54	3.13
<b>Cereals</b>	180,732	69.38	8.23	18.51	0.23	0.51	3.14
Teff	11,816	43.46	9.74	46.54	0.26	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	135,534	72.67	7.68	13.54	-	0.89	5.22
Sorghum	33,383	79.98	8.41	10.27	0.71	-	0.63
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	3,013	28.75	3.75	62.5	-	2.5	2.5
Horse beans white	-	-	-	-	-	-	-
Horse beans red	1,871	-	10	90	-	-	-
Field peas	951	38.33	1.67	53.33	-	3.33	3.33
Haricot beans	-	-	-	-	-	-	-
Chick – peas	*	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
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 1.2.1- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Zone 1

Type of Crop	Total Production (Quintal)	Percent Utilized		For		Animal Feed	Others
		Household Consumption	Seed	Sale	Wages In kind		
<b>Grain Crops</b>	115,182	65.65	9.2	18.92	-	1.16	5.08
<b>Cereals</b>	112,169	67.1	9.41	17.21	-	1.11	5.18
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	101,305	67.36	9.33	17.01	-	1.16	5.13
Sorghum	10,864	62	11	21	-	-	6
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	3,013	28.75	3.75	62.5	-	2.5	2.5
Horse beans white	-	-	-	-	-	-	-
Horse beans red	1,871	-	10	90	-	-	-
Field peas	951	38.33	1.67	53.33	-	3.33	3.33
Haricot beans	-	-	-	-	-	-	-
Chick – peas	*	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
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 1.2.2- 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>	68,563	71.33	7.22	19.63	0.42	-	1.42
<b>Cereals</b>	68,563	71.33	7.22	19.63	0.42	-	1.42
Teff	11,816	43.46	9.74	46.54	0.26	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	34,229	89.83	2.33	2.33	-	-	5.5
Sorghum	22,519	81.75	8.16	9.22	0.78	-	0.1
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	-	-	-	-	-	-	-
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
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 1.3- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Amhara Region							
Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	95,282,956	59.58	12.04	22.71	1.3	0.38	4
<b>Cereals</b>	81,329,483	66.14	11.52	16.11	1.48	0.38	4.37
Teff	19,328,574	54.16	10.58	28.12	1.86	0.1	5.17
Barley	6,080,691	64.43	20.58	9.44	1.03	0.56	3.97
Wheat	13,190,620	62.83	16.39	14.25	1.32	0.18	5.04
Maize	19,629,372	77.47	6.06	11.96	1.08	0.75	2.68
Sorghum	16,402,994	71.15	9.07	12.75	1.24	0.26	5.52
Finger millet	5,573,311	69.67	9.75	12.78	3.21	0.29	4.3
Oats "Aja"	44,808	67.52	21.2	6.67	0.45	0.83	3.33
Rice	1,079,112	44.68	13.52	34.38	2.83	1.55	3.04
<b>Pulses</b>	11,081,702	47.78	14.73	32.58	0.82	0.54	3.55
Horse beans white	2,726,442	63.41	14.86	17.81	0.7	0.07	3.15
Horse beans red	1,149,298	55.67	16.89	22.78	0.64	0.33	3.68
Field peas	533,910	38.59	15	40.17	0.76	1.12	4.36
Haricot beans	524,293	40.17	12.58	40.79	1.9	0.6	3.96
Chick – peas	2,332,652	53.87	12.97	26.88	1.08	0.35	4.85
Lentils	798,955	27.09	18.16	50.87	0.33	-	3.54
Vetch	1,816,246	52.49	14.4	25.79	0.73	2.77	3.82
Soya beans	319,254	9.92	14.1	70.47	2.63	2.03	0.85
Fenugreek	253,613	39.95	14.16	43.39	0.31	0.19	1.99
Masho	352,973	5.37	10.3	80.61	1.36	-	2.36
Gibto	274,067	20.54	12.2	62.52	1.61	-	3.13
<b>Oilseeds</b>	2,871,771	45.66	8.99	41.35	1.25	0.01	2.75
Neug	767,414	30.28	7.82	56.21	1.81	0.02	3.85
Linseed	161,941	64.68	12.91	18.68	0.61	-	3.13
Groundnuts	114,098	28.99	13.28	51.97	3.32	-	2.44
Safflower	66,309	55.31	8.3	32.97	0.28	*	3.14
Sesame	1,466,262	33.36	8.7	53.22	2.05	-	2.67
Rapeseed	295,747	52.63	5.41	40.24	0.49	-	1.22
<b>Vegetables</b>	1,522,945	77.46	1.18	19.46	0.45	0.06	1.4
Lettuce	-	-	-	-	-	-	-
Head cabbage	62,764	57.96	1.7	38.95	0.07	-	1.32
Ethiopian cabbage	80,853	88.1	0.57	8.25	0.14	0.28	2.68
Tomatoes	90,948	58.96	1.71	37.42	0.12	-	1.79
Green peppers	124,491	76.58	0.66	21.88	0.04	-	0.85
Red peppers	1,161,186	78.36	1.35	18.32	0.69	0.03	1.25
Swiss chard	2,703	69.89	1.43	27.69	-	-	1
<b>Root Crops</b>	5,480,980	65.26	9.14	24.34	0.17	0.12	0.97
Beetroot	19,878	49.61	0.27	48.59	0.13	0.93	0.47
Carrot	16,744	53.13	1.43	45.27	-	0.18	-
Onion	1,845,713	52.29	3.52	43.07	0.09	-	1.02
Potatoes	2,797,903	76.4	9.72	11.86	0.15	0.19	1.69
Yam	-	-	-	-	-	-	-
Garlic	646,891	63.73	11.53	23.85	0.12	0.08	0.7
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	153,852	86.17	0.75	10.58	2	-	0.5
<b>Permanent crops</b>	2,406,932	58.23	0.52	38.94	0.22	*	2.08
Avocados	-	-	-	-	-	-	-
Bananas	30,537	46.69	-	51.75	-	-	1.56
Guavas	5,298	61.13	0.24	34.9	-	-	3.72
Lemons	46,361	34.99	0.72	59.41	0.95	-	3.94
Mangoes	56,564	44.75	0.55	53.01	0.24	-	1.45
Oranges	55,729	41.96	0.51	55.14	0.09	-	2.3
Papayas	54,620	53.35	0.1	44.67	0.03	-	1.84
Pineapples	-	-	-	-	-	-	-
Chat	72,103	17.66	1.3	77.82	0.42	-	2.79
Coffee	29,363	71.03	0.32	26.72	0.16	0.02	1.76
Hops (Geshe)	225,979	69.05	0.48	28.48	0.18	-	1.81
Sugar cane	1,830,378	22.36	1.03	70.61	1.06	-	4.94
<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	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	18,207,427	58.89	8.96	26.27	2.38	0.88	2.63
<b>Cereals</b>	14,823,004	67.86	8.92	17.3	2.56	0.52	2.84
Teff	2,222,350	55.08	9.72	29.25	3.28	0.21	2.46
Barley	986,148	63.79	16.28	13.18	3.84	-	2.92
Wheat	1,676,596	67.49	13.71	11.82	3.34	-	3.63
Maize	2,354,544	77.57	5.18	13.38	0.96	1.1	1.8
Sorghum	5,658,848	68.31	7.67	16.63	3.03	0.68	3.68
Finger millet	1,835,303	70.01	6.78	16.98	2.32	0.44	3.48
Oats "Aja"	8,687	75	25	-	-	-	-
Rice	80,529	56.31	17.31	23.85	2.54	-	-
<b>Pulses</b>	1,883,157	47.28	11.16	34.62	1.36	2.71	2.88
Horse beans white	345,475	59.41	10.58	26.06	1.09	-	2.86
Horse beans red	241,627	51.03	19.1	25.55	1.73	-	2.6
Field peas	16,696	66.07	4.21	24.07	3.57	-	2.07
Haricot beans	21,654	37.31	9.62	39.62	13.46	-	-
Chick – peas	902,089	52.8	9.9	31.95	0.49	0.6	4.25
Lentils	140,082	19.05	9.93	67.47	0.91	-	2.64
Vetch	96,350	29.38	11.21	19.24	1.19	35.88	3.1
Soya beans	23,048	23.75	2.5	67.5	6.25	-	-
Fenugreek	93,248	25.91	11.56	62.3	0.23	-	-
Masho	2,887	31.67	-	60	8.33	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	1,501,266	28.57	5.86	61.53	2.92	0.01	1.11
Neug	189,503	20.18	4.8	69.9	4.05	0.06	1.02
Linseed	41,097	70.49	8.36	15.28	3.99	-	1.88
Groundnuts	307	68	6	26	-	-	-
Safflower	21,413	32.54	5.11	62.36	-	-	-
Sesame	1,228,367	6.38	6.51	82.75	3.13	-	1.22
Rapeseed	20,580	59.47	1.5	38.63	-	-	0.39
<b>Vegetables</b>	175,375	77.68	0.85	20.08	0.28	-	1.11
Lettuce	-	-	-	-	-	-	-
Head cabbage	7,651	55	-	45	-	-	-
Ethiopian cabbage	12,525	93.85	-	6.15	-	-	-
Tomatoes	547	55.31	-	41.25	-	-	3.44
Green peppers	15,615	65.97	0.32	33.71	-	-	-
Red peppers	139,015	79.86	1.03	17.57	0.34	-	1.2
Swiss chard	23	92.5	-	7.5	-	-	-
<b>Root Crops</b>	620,839	62.71	5.97	29.93	0.08	-	1.32
Beetroot	38	-	-	100	-	-	-
Carrot	97	80	-	20	-	-	-
Onion	136,314	30.19	1.13	68.68	-	-	-
Potatoes	261,544	89.59	3.53	4.51	-	-	2.37
Yam	-	-	-	-	-	-	-
Garlic	220,114	56.07	8.23	34.47	0.14	-	1.09
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	2,731	40	10	50	-	-	-
<b>Permanent crops</b>	52,248	52.52	0.24	46.91	-	-	0.33
Avocados	-	-	-	-	-	-	-
Bananas	362	45	-	55	-	-	-
Guavas	53	50	-	50	-	-	-
Lemons	19,327	2.14	-	97.86	-	-	-
Mangoes	9	50	-	50	-	-	-
Oranges	839	-	-	100	-	-	-
Papayas	3,324	46.67	-	53.33	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	805	-	-	100	-	-	-
Coffee	1,587	60	-	39.63	-	-	0.37
Hops (Gesho)	25,942	58.43	0.34	40.82	-	-	0.41
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)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	10,225,732	60.72	13.15	20.48	1.31	0.41	3.93
<b>Cereals</b>	8,377,408	68.34	12.74	12.63	1.69	0.47	4.14
Teff	2,280,081	61.43	11.64	19.29	2.42	0.29	4.93
Barley	547,691	63.15	21.85	8.16	0.8	0.45	5.59
Wheat	1,669,191	67.82	16.12	10.42	1.02	0.17	4.45
Maize	1,661,079	81.25	7.33	6.92	0.93	0.5	3.07
Sorghum	674,117	77.56	11.23	6.94	0.69	-	3.58
Finger millet	591,285	69.23	10.97	11.39	4.27	1.12	3.03
Oats "Aja"	7,620	48.33	30	16.67	0.83	-	4.17
Rice	946,343	41.53	13.72	36.93	2.83	1.94	3.05
<b>Pulses</b>	1,598,936	50	15.88	29.12	0.77	0.45	3.79
Horse beans white	235,718	62.3	14.9	20.16	0.38	-	2.26
Horse beans red	105,077	59.47	15.65	20.28	0.05	-	4.54
Field peas	92,047	18.87	20.29	55.03	-	-	5.81
Haricot beans	83,015	20.26	15.54	56.81	0.24	-	7.15
Chick – peas	439,558	57.82	15.88	19.77	1.14	0.95	4.43
Lentils	36,518	22.02	20.04	49.77	-	-	8.17
Vetch	544,525	55.89	16.71	22.7	1.44	0.85	2.41
Soya beans	-	-	-	-	-	-	-
Fenugreek	4,062	47.67	15.63	33.54	-	0.83	2.33
Masho	-	-	-	-	-	-	-
Gibto	58,416	23.56	7.9	67.32	1.22	-	-
<b>Oilseeds</b>	249,388	45.74	8.73	41.77	0.58	0.02	3.15
Neug	161,000	21.09	6.36	66.71	1.17	0.07	4.59
Linseed	33,716	63.34	12.86	19.76	-	-	4.04
Groundnuts	121	55	45	-	-	-	-
Safflower	7,788	78.93	9.57	1.43	3.57	0.07	6.43
Sesame	10,649	13.75	14.38	71.88	-	-	-
Rapeseed	36,114	48.62	4.38	45.62	0.43	-	0.95
<b>Vegetables</b>	72,915	88.38	1.51	8.61	0.89	-	0.6
Lettuce	-	-	-	-	-	-	-
Head cabbage	1,396	83.33	-	16.67	-	-	-
Ethiopian cabbage	503	100	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	7,574	89.23	-	10.77	-	-	-
Red peppers	63,133	88.75	1.82	7.63	1.07	-	0.73
Swiss chard	309	82.5	-	17.5	-	-	-
<b>Root Crops</b>	976,455	74.66	13.12	11.18	0.26	-	0.78
Beetroot	-	-	-	-	-	-	-
Carrot	63	85	-	15	-	-	-
Onion	4,239	31.25	45	23.75	-	-	-
Potatoes	897,032	77.09	15.85	5.43	-	-	1.63
Yam	-	-	-	-	-	-	-
Garlic	75,122	73.57	11.03	14.71	0.44	-	0.25
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	40,316	70.09	0.75	25.87	0.05	-	3.24
Avocados	-	-	-	-	-	-	-
Bananas	70	9.09	-	85.45	-	-	5.45
Guavas	85	20	-	80	-	-	-
Lemons	514	70	-	23.33	-	-	6.67
Mangoes	1,344	10	-	90	-	-	-
Oranges	167	8.75	-	86.25	-	-	5
Papayas	183	100	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	1,972	6.67	4.76	88.1	-	-	0.48
Coffee	371	87.56	0.04	12.4	-	-	-
Hops (Gesho)	19,048	75.74	0.61	20.01	0.06	-	3.59
Sugar cane	16,563	4	-	96	-	-	-
<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>	4,459,903	63.23	14.78	16.78	0.15	0.4	4.67
<b>Cereals</b>	3,967,288	68.23	14.26	12.09	0.2	0.22	5
Teff	930,935	64.52	10.38	18.76	0.13	0.01	6.2
Barley	514,094	66.89	20.38	8.89	0.28	0.32	3.25
Wheat	593,581	61.71	18.76	12.19	0.32	0.56	6.47
Maize	154,833	81.2	12.86	3.2	0.04	0.23	2.47
Sorghum	1,747,541	70.33	8.97	14.55	0.13	0.07	5.94
Finger millet	14,896	81.41	9.53	5.94	-	-	3.13
Oats "Aja"	11,407	70.33	23	3.75	1.67	-	1.25
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	444,001	49.85	16.9	27.75	0.06	1.03	4.41
Horse beans white	120,904	66.13	14.05	14.67	0.06	0.59	4.5
Horse beans red	76,537	54.87	19.53	20.03	0.07	2.13	3.37
Field peas	54,491	24.14	19.65	41.79	-	6.28	8.14
Haricot beans	13,382	56.15	11.54	31.92	-	-	0.38
Chick - peas	76,404	55.94	12.14	24.77	-	-	7.14
Lentils	64,401	27.82	22.87	46.03	0.08	-	3.19
Vetch	18,610	53.06	15.81	24.68	-	-	6.45
Soya beans	-	-	-	-	-	-	-
Fenugreek	17,119	42.65	12.69	42.35	0.19	-	2.12
Masho	2,154	-	20	80	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	48,615	62.63	12.85	21.69	-	-	2.83
Neug	7,475	62.65	7.82	25.12	-	-	4.41
Linseed	24,777	61.24	16.53	19.56	-	-	2.67
Groundnuts	-	-	-	-	-	-	-
Safflower	4,991	68.76	10.47	20.76	-	-	-
Sesame	11,020	68.22	7.26	20.93	-	-	3.59
Rapeseed	352	37.14	10.71	52.14	-	-	-
<b>Vegetables</b>	61,589	80.34	0.55	16.89	-	-	2.22
Lettuce	-	-	-	-	-	-	-
Head cabbage	5,046	51.36	-	45.45	-	-	3.18
Ethiopian cabbage	14,458	87.7	0.44	9.13	-	-	2.74
Tomatoes	21,285	52.5	-	42.5	-	-	5
Green peppers	3,039	68.71	-	31.29	-	-	-
Red peppers	17,691	78.98	0.91	18.09	-	-	2.03
Swiss chard	69	72.06	-	27.35	-	-	0.59
<b>Root Crops</b>	254,131	58.37	9.07	31.28	0.04	-	1.23
Beetroot	904	58.75	-	38.75	2.5	-	-
Carrot	4,191	37.5	-	62.5	-	-	-
Onion	78,543	33.4	4.2	61.6	-	-	0.8
Potatoes	71,061	79.97	2.65	15.64	-	-	1.74
Yam	-	-	-	-	-	-	-
Garlic	24,035	54.09	14.03	30.7	-	-	1.17
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	75,397	2.5	-	97.5	-	-	-
<b>Permanent crops</b>	116,899	51.95	-	45.49	-	-	2.56
Avocados	-	-	-	-	-	-	-
Bananas	5,281	63.2	-	35.43	-	-	1.36
Guavas	859	55.95	-	43.57	-	-	0.48
Lemons	510	10	-	87.5	-	-	2.5
Mangoes	2,657	23	-	76	-	-	1
Oranges	2,893	57	-	43	-	-	-
Papayas	15,664	47.5	-	48.13	-	-	4.38
Pineapples	-	-	-	-	-	-	-
Chat	1,877	17.5	-	82.5	-	-	-
Coffee	1,542	62.77	-	34.49	-	-	2.74
Hops (Gesho)	6,872	52.22	-	44.48	-	-	3.3
Sugar cane	78,744	9.55	-	85.91	-	-	4.55
<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>	8,556,265	60.98	15.18	16.91	0.11	0.23	6.59
<b>Cereals</b>	7,004,127	68.6	14.27	9.56	0.16	0.3	7.11
Teff	1,817,221	61.23	10.85	17.3	0.04	0.12	10.46
Barley	654,850	69.08	20.41	6.1	0.29	0.22	3.88
Wheat	2,290,967	64.6	18.94	9.5	0.14	0.12	6.7
Maize	283,037	83.15	10.47	2.35	0.03	1.05	2.95
Sorghum	1,870,635	67.45	9.87	10.26	0.44	0.22	11.76
Finger millet	72,908	74.28	7.84	10.68	-	-	7.2
Oats "Aja"	14,509	74.52	18.07	1.67	-	-	5.74
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	1,495,971	48.61	17.49	27.86	0.06	0.17	5.82
Horse beans white	266,748	65.04	16.87	13.68	0.2	-	4.21
Horse beans red	211,593	52.98	22.05	19.8	-	-	5.17
Field peas	119,867	38.81	10.37	43.89	-	-	6.93
Haricot beans	13,715	56.07	10.85	20.85	-	6.67	5.56
Chick – peas	232,698	52.17	15.06	22.03	0.08	-	10.67
Lentils	174,000	33.74	21.98	40.39	-	-	3.89
Vetch	359,408	52.06	16.79	23.89	-	-	7.26
Soya beans	249	90	10	-	-	-	-
Fenugreek	67,337	35	16.56	44.27	-	-	4.17
Masho	50,356	10.81	11.77	67.74	-	-	9.68
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	56,167	60.01	11.39	22.41	-	-	6.19
Neug	25,057	56.05	10.54	25.3	-	-	8.11
Linseed	10,325	59.21	17.18	19.77	-	-	3.85
Groundnuts	319	100	-	-	-	-	-
Safflower	3,248	28	3.67	56.67	-	-	11.67
Sesame	12,492	63.32	8.82	18.11	-	-	9.76
Rapeseed	4,726	73.88	5.94	17.69	-	-	2.5
<b>Vegetables</b>	84,307	85.98	1.21	9.44	0.03	-	3.35
Lettuce	-	-	-	-	-	-	-
Head cabbage	2,321	80	5.88	13.24	-	-	0.88
Ethiopian cabbage	17,707	90.07	0.7	4.58	-	-	4.64
Tomatoes	27,692	79.2	-	19.6	1	-	0.2
Green peppers	4,684	84.44	0.42	14.08	-	-	1.06
Red peppers	30,597	85.26	0.63	10.58	-	-	3.52
Swiss chard	1,308	77.81	6.25	12.81	-	-	3.13
<b>Root Crops</b>	281,589	64.95	11.33	22.64	-	-	1.09
Beetroot	642	83.64	-	16.36	-	-	-
Carrot	6,382	63.57	-	36.43	-	-	-
Onion	42,542	66.52	3.26	27.61	-	-	2.61
Potatoes	132,153	65.11	6.43	25.61	-	-	2.86
Yam	-	-	-	-	-	-	-
Garlic	95,948	62.22	14.82	22.24	-	-	0.72
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	3,922	93.33	-	5.56	-	-	1.11
<b>Permanent crops</b>	359,058	53.94	0.59	40.86	0.01	-	4.6
Avocados	-	-	-	-	-	-	-
Bananas	1,119	36.67	-	63.33	-	-	-
Guavas	1,381	60.46	0.36	33.29	-	-	5.89
Lemons	4,237	46.17	-	45.17	-	-	8.67
Mangoes	2,794	68.64	-	31.36	-	-	-
Oranges	27,624	47.52	-	49.58	0.1	-	2.8
Papayas	7,272	67.92	-	27.5	-	-	4.58
Pineapples	-	-	-	-	-	-	-
Chat	36,264	33.29	-	60.43	-	-	6.28
Coffee	7,261	69.05	-	26.43	-	-	4.52
Hops (Gesho)	5,344	65.13	2.14	29.83	-	-	2.91
Sugar cane	265,765	30	-	48.75	-	-	21.25
<b>Enset</b>	-	-	-	-	-	-	-



TABLE 1.3.5- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

North Shewa							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	12,200,376	56.85	14.06	24.73	0.51	0.28	3.58
<b>Cereals</b>	10,144,413	64.3	12.84	17.87	0.55	0.42	4.02
Teff	2,686,117	44.1	11.27	39.87	0.79	0.15	3.82
Barley	1,453,873	73.21	18.03	4.45	0.69	0.65	2.97
Wheat	2,160,789	65.99	18.09	10.49	0.86	0.14	4.42
Maize	229,891	84.07	8.22	3.07	-	1.4	3.24
Sorghum	3,609,702	71.67	8.41	14.32	0.15	0.1	5.34
Finger millet	2,766	60	40	-	-	-	-
Oats "Aja"	1,274	60	18.75	7.5	-	13.75	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	1,999,070	42.82	16.58	37.39	0.43	0.04	2.74
Horse beans white	829,088	64.85	18.66	12.83	0.33	0.02	3.31
Horse beans red	151,566	54.25	21.58	18.2	1.8	-	4.18
Field peas	17,965	58	7.5	34.5	-	-	-
Haricot beans	23,192	78.64	5.68	14.32	-	-	1.36
Chick - peas	298,024	48.04	13.69	37.35	-	-	0.92
Lentils	341,134	19.1	14.3	63.07	0.62	-	2.9
Vetch	93,210	21.29	24.03	53.87	-	0.81	-
Soya beans	*	-	-	-	-	-	-
Fenugreek	31,575	41.77	22.6	34.57	-	-	1.06
Masho	212,957	1.57	10.63	84.27	-	-	3.54
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	56,894	55.5	12.53	27.83	0.48	-	3.67
Neug	3,730	74.73	13.91	10.45	-	-	0.91
Linseed	29,611	48.45	17.33	30.52	1.19	-	2.5
Groundnuts	-	-	-	-	-	-	-
Safflower	13,360	54.58	8.54	36.25	-	-	0.63
Sesame	9,997	63.46	8.08	22.12	-	-	6.35
Rapeseed	195	5	10	40	-	-	45
<b>Vegetables</b>	100,050	79.92	0.73	17.37	0.24	0.2	1.53
Lettuce	-	-	-	-	-	-	-
Head cabbage	9,652	55.83	-	40.83	-	-	3.33
Ethiopian cabbage	9,760	88.48	0.7	9.05	0.63	-	1.14
Tomatoes	23,457	55	-	42.14	-	-	2.86
Green peppers	46,006	63.79	1.52	33.41	-	-	1.29
Red peppers	10,361	96.3	0.36	0.87	0.14	0.72	1.59
Swiss chard	813	61.25	-	36.25	-	-	2.5
<b>Root Crops</b>	1,693,923	60.2	10.36	28.63	0.05	-	0.77
Beetroot	2,324	50	5	45	-	-	-
Carrot	134	82	-	18	-	-	-
Onion	1,468,197	58.81	3.65	36.71	0.13	-	0.71
Potatoes	107,629	86.22	5.11	7.89	-	-	0.78
Yam	-	-	-	-	-	-	-
Garlic	100,305	55.07	16.55	27.53	-	-	0.85
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	15,334	100	-	-	-	-	-
<b>Permanent crops</b>	89,061	54.61	0.73	42.51	0.28	-	1.88
Avocados	-	-	-	-	-	-	-
Bananas	8,247	37	-	61.5	-	-	1.5
Guavas	84	72.22	2.22	25.56	-	-	-
Lemons	8,216	10.59	-	89.12	-	-	0.29
Mangoes	7,117	16.43	11.43	72.14	-	-	-
Oranges	7,338	31.88	-	65	-	-	3.13
Papayas	1,463	46.25	-	52.92	-	-	0.83
Pineapples	-	-	-	-	-	-	-
Chat	457	8	-	92	-	-	-
Coffee	2,335	74.96	0.66	23.31	-	-	1.07
Hops (Gesho)	10,555	67.49	0.66	29.01	0.11	-	2.74
Sugar cane	43,249	15.59	0.59	77.18	5	-	1.65
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.3.6- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

East Gojam							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	15,181,581	58.71	9.73	26.15	2.19	0.42	2.81
<b>Cereals</b>	13,246,223	63.65	8.85	21.58	2.06	0.58	3.26
Teff	5,094,553	49.75	8.98	34.23	2.52	-	4.51
Barley	979,284	69.51	14.44	10.74	0.37	2.35	2.59
Wheat	3,197,809	58.17	13.07	22.56	2.2	0.16	3.84
Maize	3,057,305	77.46	3.24	14.2	2.03	0.75	2.31
Sorghum	913,229	73.02	6.64	15.61	3.01	0.71	1.02
Finger millet	3,469	91.5	8.5	-	-	-	-
Oats "Aja"	575	82.5	17.5	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	1,734,973	47.49	12.84	35.2	2.17	0.11	2.2
Horse beans white	432,674	58.17	13.62	24.35	1.92	0.02	1.91
Horse beans red	215,426	50.19	10.32	36.03	1.26	-	2.21
Field peas	157,919	9.91	19.22	66.52	1.11	0.28	2.96
Haricot beans	118,191	20.39	16.17	57.02	4.02	-	2.39
Chick – peas	168,287	56.28	12.13	26.53	4.58	-	0.49
Lentils	29,573	30	9.44	56.3	1.85	-	2.41
Vetch	525,492	58.14	11.7	25.84	0.54	0.07	3.71
Soya beans	-	-	-	-	-	-	-
Fenugreek	38,081	29.43	6.82	59.55	2.16	1.14	0.91
Masho	15,336	13.29	28.57	24.71	33.43	-	-
Gibto	33,993	24.92	15.83	57.17	-	-	2.08
<b>Oilseeds</b>	200,385	52.58	6.87	36.38	3.38	-	0.78
Neug	111,913	38.66	9.2	49.32	2.64	-	0.18
Linseed	8,386	64.19	10.73	20.5	1.92	-	2.65
Groundnuts	1,589	86	5	3.5	-	-	5.5
Safflower	3,497	76	10	14	-	-	-
Sesame	48,363	26.86	2.46	55.82	14.86	-	-
Rapeseed	26,638	59.91	5.47	32.86	1.36	-	0.41
<b>Vegetables</b>	111,976	75.13	1.07	21.89	0.67	-	1.24
Lettuce	-	-	-	-	-	-	-
Head cabbage	19,887	39.55	1.5	55.98	0.25	-	2.73
Ethiopian cabbage	3,004	49	-	45.71	-	-	5.29
Tomatoes	2,355	60	-	40	-	-	-
Green peppers	34,920	79.43	-	19.65	-	-	0.92
Red peppers	51,755	87.6	2.15	7.7	1.59	-	0.96
Swiss chard	55	26	-	74	-	-	-
<b>Root Crops</b>	764,706	55.35	10.33	32.69	0.35	0.31	0.96
Beetroot	13,250	39	-	60.1	-	-	0.9
Carrot	5,765	16.07	5.71	78.21	-	-	-
Onion	28,796	43.28	0.34	56.21	-	-	0.17
Potatoes	650,801	58.63	16.49	21.48	0.8	0.88	1.73
Yam	-	-	-	-	-	-	-
Garlic	66,093	64.27	10.81	24.13	0.19	-	0.6
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	104,852	62.28	0.07	35.48	0.26	-	1.91
Avocados	-	-	-	-	-	-	-
Bananas	2,360	24.5	-	71.5	-	-	4
Guavas	29	100	-	-	-	-	-
Lemons	582	70	-	30	-	-	-
Mangoes	2	20	-	70	10	-	-
Oranges	296	41.25	-	57.08	0.83	-	0.83
Papayas	25	10	-	90	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	720	6.67	-	93.33	-	-	-
Coffee	1,288	77.73	-	20.86	-	-	1.41
Hops (Gesho)	63,514	66.08	0.09	31.51	0.27	-	2.05
Sugar cane	36,037	40.89	-	56.11	-	-	3
<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	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	16,560,810	55.13	10.37	30.05	1.32	0.32	2.82
<b>Cereals</b>	14,971,978	59.41	10.23	25.27	1.51	0.29	3.29
Teff	2,642,571	43.58	9.89	40.94	2.17	-	3.42
Barley	510,363	39.88	49.29	9.66	0.3	0.61	0.26
Wheat	1,090,865	58.03	16.34	21.1	1.41	-	3.12
Maize	8,986,217	67.63	1.92	25.36	1.29	0.65	3.14
Sorghum	115,452	72.91	8.91	14.55	3.64	-	-
Finger millet	1,583,115	72.11	9.63	11.97	1.44	-	4.85
Oats "Aja"	-	-	-	-	-	-	-
Rice	43,396	40	4	38.8	4	-	13.2
<b>Pulses</b>	1,247,799	55.07	11.75	29.54	1.15	0.59	1.9
Horse beans white	382,153	74.09	12.6	10.96	0.7	-	1.65
Horse beans red	84,850	64.08	11.95	21.67	0.92	-	1.38
Field peas	27,563	47.14	1.43	51.43	-	-	-
Haricot beans	228,058	29.61	11.42	54.88	3.48	-	0.61
Chick - peas	195,258	57.4	9.04	27.46	3.77	-	2.33
Lentils	-	-	-	-	-	-	-
Vetch	178,322	55.45	7.49	30.62	0.48	2.02	3.95
Soya beans	52,206	2.63	23.79	64.89	2.37	6.32	-
Fenugreek	705	48.08	7.62	40.46	-	-	3.85
Masho	-	-	-	-	-	-	-
Gibto	98,685	22.69	16.69	59.81	-	-	0.81
<b>Oilseeds</b>	341,033	30.02	8.83	59.03	0.5	-	1.62
Neug	129,888	18.05	9.05	70.3	0.59	-	2.01
Linseed	6,447	68.9	7.43	20.33	-	-	3.33
Groundnuts	5,632	21.82	20.45	57.73	-	-	-
Safflower	1,236	1.25	3.63	89.75	1.25	-	4.13
Sesame	54,074	14.26	16.09	65.74	3.91	-	-
Rapeseed	143,757	36.58	7.21	54.85	-	-	1.36
<b>Vegetables</b>	600,987	77.38	0.65	21.45	0.16	-	0.37
Lettuce	-	-	-	-	-	-	-
Head cabbage	14,270	69.86	-	30	-	-	0.14
Ethiopian cabbage	4,915	81	-	19	-	-	-
Tomatoes	7	100	-	-	-	-	-
Green peppers	7,548	99.32	-	0.68	-	-	-
Red peppers	574,220	76.19	0.77	22.42	0.19	-	0.43
Swiss chard	26	-	-	100	-	-	-
<b>Root Crops</b>	309,676	70.91	6.45	21.25	0.08	0.4	0.9
Beetroot	2,707	55.67	-	39.67	-	4.67	-
Carrot	72	45	-	53.33	-	1.67	-
Onion	60,012	52.58	-	44.36	0.3	-	2.76
Potatoes	212,404	70.89	13.23	14.47	-	0.26	1.14
Yam	-	-	-	-	-	-	-
Garlic	30,313	78.13	6.35	14.97	0.08	-	0.47
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	4,168	100	-	-	-	-	-
<b>Permanent crops</b>	864,801	68.48	0.6	30.06	0.26	-	0.61
Avocados	-	-	-	-	-	-	-
Bananas	7,201	74.31	-	24.48	-	-	1.21
Guavas	1,811	73.55	-	20.09	-	-	6.36
Lemons	3,339	68.81	-	21.9	4.52	-	4.76
Mangoes	19,586	57.71	-	42.08	-	-	0.21
Oranges	5,841	43	-	57	-	-	-
Papayas	1,582	65	-	34.76	-	-	0.24
Pineapples	-	-	-	-	-	-	-
Chat	11,825	5.08	4.8	88.42	1.69	-	-
Coffee	9,818	83.76	-	16.04	-	-	0.2
Hops (Gesho)	91,343	75.76	0.37	23.59	-	-	0.28
Sugar cane	712,456	12.27	-	85.73	-	-	2
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.3.8- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Waghmera							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	1,626,271	61.86	14.17	17	0.68	0.18	6.11
<b>Cereals</b>	1,425,671	64.58	14.21	13.3	0.81	0.2	6.91
Teff	377,400	60.61	12.89	18.99	1.27	0.02	6.22
Barley	229,471	56.37	22.56	11.5	0.61	-	8.95
Wheat	120,854	59.24	16.99	13.47	0.47	-	9.82
Maize	55,237	81.45	10.78	4.67	0.04	0.85	2.21
Sorghum	637,293	64.35	10.48	15.43	1.28	0.19	8.27
Finger millet	5,416	71.43	15.57	11.33	-	-	1.67
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	159,635	54.5	16.09	23.91	0.43	0.18	4.9
Horse beans white	63,762	54.88	16.66	21.64	0.31	-	6.5
Horse beans red	26,957	50.97	16.58	26.29	0.05	-	6.11
Field peas	35,528	62.91	15.86	16.81	1.63	0.88	1.91
Haricot beans	12,387	53.39	17.39	20.74	-	-	8.48
Chick - peas	5,985	57.89	10.74	24	-	-	7.37
Lentils	12,688	34.46	20.61	42.79	-	-	2.14
Vetch	285	71.67	15	13.33	-	-	-
Soya beans	*	-	-	-	-	-	-
Fenugreek	403	58.41	10.67	29.81	-	-	1.11
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	40,965	58.09	10.86	27.22	0.35	-	3.48
Neug	856	92.3	6.5	1.2	-	-	-
Linseed	5,696	72.1	9.51	14.32	-	-	4.08
Groundnuts	-	-	-	-	-	-	-
Safflower	5,589	66.5	9.12	19.38	-	-	5
Sesame	28,716	32.55	13.04	50.37	1.02	-	3.01
Rapeseed	108	67.46	15.62	16.92	-	-	-
<b>Vegetables</b>	777	61.18	3.31	35.01	-	-	0.49
Lettuce	-	-	-	-	-	-	-
Head cabbage	294	47.92	6.92	44.38	-	-	0.77
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	106	57.94	4.12	37.06	-	-	0.88
Green peppers	301	67.62	2.59	29.45	-	-	0.34
Red peppers	64	58.33	-	41.67	-	-	-
Swiss chard	11	66.67	-	33.33	-	-	-
<b>Root Crops</b>	10,395	76.79	5.43	15.48	-	0.92	1.39
Beetroot	-	-	-	-	-	-	-
Carrot	24	68.75	-	31.25	-	-	-
Onion	358	69.38	0.63	30	-	-	-
Potatoes	8,478	95.41	0.27	1.62	-	-	2.7
Yam	-	-	-	-	-	-	-
Garlic	1,533	65.29	11.1	20.71	-	1.92	0.98
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	2	85	-	15	-	-	-
<b>Permanent crops</b>	443	64.17	0.17	35.67	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	91	80	-	20	-	-	-
Guavas	8	33.33	-	66.67	-	-	-
Lemons	6	5	-	95	-	-	-
Mangoes	95	5	-	95	-	-	-
Oranges	144	5	-	95	-	-	-
Papayas	37	36.67	-	63.33	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	13	10	-	90	-	-	-
Hops (Gesho)	50	84.74	0.26	15	-	-	-
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

1.3.9- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Aw

Type of Crop	Total Production (Quintal)	Percent Utilized		For		Animal Feed	Others
		Household Consumption	Seed	Sale	Wages In kind		
<b>Grain Crops</b>	6,870,193	58.32	9.05	24.52	4.17	0.22	3.73
<b>Cereals</b>	6,104,877	64.93	9.36	17.02	4.5	0.29	3.9
Teff	1,160,441	59.3	11	19.66	5.49	-	4.56
Barley	199,360	58.44	13.74	19.71	3.68	0.53	3.9
Wheat	387,980	59.58	14.53	18.59	3.76	0.36	3.17
Maize	2,751,512	73.43	3.94	16.37	2.65	0.5	3.11
Sorghum	133,196	61.52	7.17	26.52	3.7	1.09	-
Finger millet	1,463,544	62.11	12.55	12.12	7.77	-	5.46
Oats "Aja"	-	-	-	-	-	-	-
Rice	8,844	81.25	8.75	7.5	2.5	-	-
<b>Pulses</b>	428,215	45.86	10.32	38.17	2.74	-	2.91
Horse beans white	49,528	65.49	11.22	20.94	2.14	-	0.2
Horse beans red	32,689	75.27	8.11	13.51	1.22	-	1.89
Field peas	1,666	80	-	-	-	-	20
Haricot beans	8,868	60	5	19	16	-	-
Chick – peas	*	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	241,627	3.97	11.72	82.24	2.07	-	-
Fenugreek	1,023	65	22.5	12.5	-	-	-
Masho	2,199	62.5	7.5	30	-	-	-
Gibto	82,973	13.33	8.79	63.35	4.77	-	9.77
<b>Oilseeds</b>	337,101	33.44	6.47	53.08	3.5	-	3.51
Neug	137,628	11.13	8.14	68.57	3.82	-	8.33
Linseed	1,298	96.67	3.33	-	-	-	-
Groundnuts	87,352	9.03	11.13	67.42	12.42	-	-
Safflower	-	-	-	-	-	-	-
Sesame	47,619	8.57	6.52	82.76	2.14	-	-
Rapeseed	63,204	63.07	3.7	30.97	0.86	-	1.4
<b>Vegetables</b>	293,419	54.8	2.1	38.19	2.48	0.43	2
Lettuce	-	-	-	-	-	-	-
Head cabbage	2,248	60	-	40	-	-	-
Ethiopian cabbage	17,894	85.83	1.11	7.5	-	5.56	-
Tomatoes	37	100	-	-	-	-	-
Green peppers	2,782	95.43	0.22	2.17	0.43	-	1.74
Red peppers	270,370	45.05	2.61	46.75	3.2	-	2.4
Swiss chard	88	100	-	-	-	-	-
<b>Root Crops</b>	563,913	77.08	4.76	17.25	0.78	-	0.13
Beetroot	13	10	-	90	-	-	-
Carrot	15	100	-	-	-	-	-
Onion	23,538	39.23	13.85	46.92	-	-	-
Potatoes	456,073	80.16	5.45	14.39	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	33,037	78.08	4.69	17.15	0.08	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	51,237	87.42	0.32	7.74	3.87	-	0.65
<b>Permanent crops</b>	406,321	65.21	0.49	32.65	0.57	-	1.08
Avocados	-	-	-	-	-	-	-
Bananas	3,720	39.76	-	59.29	-	-	0.95
Guavas	402	53.25	-	44.25	-	-	2.5
Lemons	5,865	41.36	7.27	45	0.91	-	5.45
Mangoes	17,890	52.82	-	45.26	0.64	-	1.28
Oranges	1,301	67.86	-	30.71	-	-	1.43
Papayas	21,869	39.12	-	60.29	-	-	0.59
Pineapples	-	-	-	-	-	-	-
Chat	562	10.71	-	89.29	-	-	-
Coffee	3,084	81.73	0.31	16.48	0.14	-	1.33
Hops (Gesho)	3,309	73.21	0.25	25.04	1.01	-	0.48
Sugar cane	348,320	32.06	4.5	57.81	-	-	5.63
<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>	1,263,056	60.52	8.87	25.29	0.57	0.29	4.46
<b>Cereals</b>	1,149,635	71.61	8.87	12.93	0.77	0.48	5.35
Teff	112,644	34.8	8.22	47.68	0.05	0.45	8.79
Barley	5,199	82.22	11.11	2.22	-	3.33	1.11
Wheat	1,973	52	20	22	4	2	-
Maize	88,531	83	7.98	4.33	0.24	0.95	3.51
Sorghum	940,117	77.44	9.36	6.19	1.33	0.08	5.59
Finger millet	555	90	5	5	-	-	-
Oats "Aja"	616	85	15	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	75,755	27.96	8.24	61.67	0.39	-	1.73
Horse beans white	391	76.67	20	3.33	-	-	-
Horse beans red	2,824	82	7.5	10.5	-	-	-
Field peas	10,085	50	10	40	-	-	-
Haricot beans	1,626	69.29	7.5	20.71	-	-	2.5
Chick – peas	6,689	21.71	7.14	60.43	3.57	-	7.14
Lentils	403	87.5	12.5	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	94	100	-	-	-	-	-
Fenugreek	55	51.67	8.33	40	-	-	-
Masho	53,589	7.79	8.18	82.91	-	-	1.12
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	37,666	51.44	9.23	35.34	0.18	-	3.8
Neug	336	70	6.67	23.33	-	-	-
Linseed	565	87.73	7.73	4.55	-	-	-
Groundnuts	18,775	22.82	14.36	58.36	0.18	-	4.27
Safflower	4,918	57.84	8.38	29.19	-	-	4.59
Sesame	12,997	57.11	7.53	31.1	0.08	-	4.19
Rapeseed	74	94.29	0.71	2.14	2.86	-	-
<b>Vegetables</b>	21,178	65.26	4.23	28.85	0.19	-	1.47
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	74	100	-	-	-	-	-
Tomatoes	15,459	41.88	9.38	48.75	-	-	-
Green peppers	2,022	53.86	2.5	41.14	0.23	-	2.27
Red peppers	3,623	73.26	4.35	20.76	0.22	-	1.41
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	4,596	68.08	2.69	25.38	-	-	3.85
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	3,032	75.83	-	15.83	-	-	8.33
Potatoes	184	55	2.5	30	-	-	12.5
Yam	-	-	-	-	-	-	-
Garlic	366	57.5	4.64	36.07	-	-	1.79
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	1,014	100	-	-	-	-	-
<b>Permanent crops</b>	371,915	30.59	0.74	65.02	0.45	0.03	3.18
Avocados	-	-	-	-	-	-	-
Bananas	2,045	28.88	-	69.46	-	-	1.67
Guavas	534	60.56	-	34.72	-	-	4.72
Lemons	3,739	25.48	-	66.9	-	-	7.62
Mangoes	4,614	32.78	-	63.97	-	-	3.24
Oranges	9,170	32.68	2.25	61.75	-	-	3.33
Papayas	3,056	52.64	0.42	44.17	0.14	-	2.64
Pineapples	-	-	-	-	-	-	-
Chat	17,533	15.94	0.59	79.7	0.63	-	3.13
Coffee	2,052	39.23	1.46	55.69	1.23	0.15	2.23
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	329,172	5	-	95	-	-	-
<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		Animal Feed	Others
		Household Consumption	Seed	Sale	Wages In kind		
<b>Grain Crops</b>	131,343	62.5	9.76	24.91	0.86	0.13	1.84
<b>Cereals</b>	114,860	75.38	9.7	11.44	0.85	0.19	2.43
Teff	4,262	39.14	10.38	46.98	0.57	-	2.93
Barley	359	73.6	6.07	12.67	6.67	-	1
Wheat	17	50	10	40	-	-	-
Maize	7,186	85.31	10.23	3.01	0.32	0.23	0.89
Sorghum	102,864	78.81	9.67	7.38	0.85	0.23	3.06
Finger millet	53	88.33	5	6.67	-	-	-
Oats "Aja"	119	48.33	11.67	40	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	14,191	25.86	9.68	62.68	1.1	-	0.68
Horse beans white	1	60	5	35	-	-	-
Horse beans red	152	45	7.86	47.14	-	-	-
Field peas	83	64	16	20	-	-	-
Haricot beans	206	70.77	6.77	20.18	-	-	2.27
Chick – peas	18	30	23	47	-	-	-
Lentils	155	61.67	8.33	30	-	-	-
Vetch	44	100	-	-	-	-	-
Soya beans	33	40	10	-	-	-	50
Fenugreek	5	69.29	11.43	19.29	-	-	-
Masho	13,495	2.99	10.09	85.15	1.77	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	2,292	51.05	10.3	37.75	0.45	-	0.45
Neug	29	76.67	3.33	20	-	-	-
Linseed	22	81.38	5.15	13.46	-	-	-
Groundnuts	3	10	5	85	-	-	-
Safflower	270	58.88	11.13	29.17	-	-	0.83
Sesame	1,968	37.89	11.85	48.98	0.85	-	0.43
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	374	94.18	1.48	4	-	-	0.34
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	14	100	-	-	-	-	-
Tomatoes	3	50	-	50	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	356	94.41	1.53	3.71	-	-	0.36
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	758	63.59	3.53	32.29	-	-	0.59
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	141	100	-	-	-	-	-
Potatoes	544	70	20	-	-	-	10
Yam	-	-	-	-	-	-	-
Garlic	25	59.69	1.15	39.15	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	48	67.5	12.5	20	-	-	-
<b>Permanent crops</b>	1,018	47.6	2.47	47.57	-	-	2.36
Avocados	-	-	-	-	-	-	-
Bananas	43	41.67	-	58.33	-	-	-
Guavas	53	54	-	42.8	-	-	3.2
Lemons	26	49.7	-	47.3	-	-	3
Mangoes	456	49.29	-	48.79	-	-	1.93
Oranges	117	41.67	-	56.67	-	-	1.67
Papayas	145	58.82	-	39.36	-	-	1.82
Pineapples	-	-	-	-	-	-	-
Chat	90	21.88	5.94	68.75	-	-	3.44
Coffee	14	66.36	1.82	30	-	-	1.82
Hops (Gesho)	2	22.33	33.33	44.33	-	-	-
Sugar cane	73	100	-	-	-	-	-
<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>	143,893,654	59.04	13.38	24.36	0.6	0.63	1.99
<b>Cereals</b>	127,719,933	63.76	13.11	19.28	0.67	0.89	2.29
Teff	24,737,964	52.07	15.05	29.88	0.93	0.12	1.96
Barley	10,939,448	60.52	18.64	17.09	0.38	1.73	1.64
Wheat	26,640,245	53.25	18.23	25.63	0.73	0.23	1.93
Maize	43,620,969	71.62	8.67	14.87	0.69	1.45	2.71
Sorghum	19,166,012	73.68	10.78	11.63	0.54	0.85	2.51
Finger millet	2,035,881	72.14	11.71	12.02	0.45	0.72	2.96
Oats "Aja"	441,283	58.93	17.38	20.46	0.63	0.94	1.66
Rice	138,130	48.93	11.9	35.64	1.21	-	2.31
<b>Pulses</b>	12,337,136	56.51	14.44	27.13	0.46	0.14	1.31
Horse beans white	4,650,807	57.77	15.85	24.03	0.59	0.06	1.7
Horse beans red	1,522,313	53.09	17.1	27.94	0.55	-	1.33
Field peas	584,854	63.99	10.84	23.71	0.3	0.16	1
Haricot beans	1,496,498	69.89	9.9	18.77	0.2	0.11	1.12
Chick – peas	1,816,061	40.62	18.22	39.02	0.82	0.01	1.32
Lentils	783,547	36.85	16.02	45.35	0.57	0.04	1.16
Vetch	1,035,686	42.93	19.3	35	0.59	1.24	0.93
Soya beans	198,134	40.71	12.35	43.06	0.51	0.82	2.55
Fenugreek	192,932	52.84	13.51	32.95	0.16	0.04	0.51
Masho	56,304	20.33	25.87	48.8	0.43	-	4.57
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	3,836,585	30.34	12.55	55.09	0.43	0.05	1.54
Neug	2,093,489	15.22	13.18	69.33	0.51	0.01	1.75
Linseed	639,509	37.29	14.06	46.72	0.71	0.08	1.14
Groundnuts	703,657	22.18	15.4	60.43	0.74	0.02	1.23
Safflower	2,403	71.08	8.99	18.81	0.24	-	0.88
Sesame	279,058	14.79	13.62	70.69	0.21	0.21	0.49
Rapeseed	118,469	54.76	8.67	34.26	0.05	0.02	2.24
<b>Vegetables</b>	3,089,940	72.05	1.1	24.73	0.16	0.06	1.91
Lettuce	230	85	-	14.09	-	0.45	0.45
Head cabbage	218,977	71.78	0.07	26.41	-	0.01	1.72
Ethiopian cabbage	977,717	79.37	0.86	17.6	0.08	0.06	2.04
Tomatoes	117,729	64.04	0.22	32.39	0.07	1.03	2.24
Green peppers	314,810	82.68	0.59	14.97	0.07	*	1.69
Red peppers	1,453,104	55.29	2.11	40.2	0.37	0.05	1.99
Swiss chard	7,373	68.8	1.2	28.13	0.27	-	1.6
<b>Root Crops</b>	18,097,002	68.3	6.29	23.11	0.23	0.48	1.59
Beetroot	177,700	69.83	0.37	28.37	0.12	0.02	1.3
Carrot	59,120	51.54	0.31	46.78	-	0.42	0.94
Onion	1,033,485	61.01	2.89	34.6	0.67	0.04	0.79
Potatoes	4,448,886	49.78	11.17	36.34	0.22	0.07	2.41
Yam	-	-	-	-	-	-	-
Garlic	601,755	58.33	13.93	26.46	0.22	0.01	1.06
Taro / 'Godere'	1,075,194	84.75	6.22	7.13	0.06	0.02	1.82
Sweet potatoes	10,700,862	79.34	0.97	15.16	0.23	2.09	2.22
<b>Permanent crops</b>	9,766,712	49.25	0.53	45.83	0.71	0.42	3.26
Avocados	203,515	50.51	0.38	45.54	0.29	0.03	3.25
Bananas	980,171	52.97	0.45	43.06	0.37	0.24	2.92
Guavas	27,567	74.45	-	15.51	-	2.15	7.89
Lemons	5,993	42.32	-	51.48	-	-	6.2
Mangoes	400,265	61.6	0.17	34.04	0.29	0.06	3.83
Oranges	34,512	63.71	0.24	33.07	0.18	0.06	2.74
Papayas	116,789	66.37	0.29	29.71	0.22	0.11	3.3
Pineapples	14	42.67	-	56.67	-	-	0.67
Chat	1,305,333	29.53	0.33	65.25	0.32	0.06	4.51
Coffee	3,173,159	41.75	0.84	52.87	1.56	0.08	2.9
Hops (Gesho)	86,048	39.61	0.46	58.46	0.29	0.01	1.17
Sugar cane	3,433,347	51.48	0.61	40.57	0.05	3.51	3.78
<b>Enset</b>	18,570,541	78.4	0.81	15.68	1.17	1.51	2.43



TABLE 1.4.1- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

West Wellega							
Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	7,082,177	67.97	11.08	17.04	0.39	0.63	2.9
<b>Cereals</b>	6,500,563	75.11	11.09	8.74	0.5	1.04	3.53
Teff	420,915	71.52	16.72	8.27	0.35	-	3.14
Barley	19,030	79.56	13.95	5.44	-	0.18	0.88
Wheat	67,114	75	13.15	8.98	0.19	0.37	2.31
Maize	3,399,341	77.19	8.69	7.91	0.72	1.3	4.18
Sorghum	1,913,580	74.97	10.53	9.92	0.27	1.2	3.1
Finger millet	680,412	71.98	12.87	9.82	0.57	1.14	3.62
Oats "Aja"	172	85	5	-	-	-	10
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	222,873	74.72	10.62	13.01	0.06	0.01	1.58
Horse beans white	56,907	73.99	13.06	9.78	0.07	0.07	3.02
Horse beans red	13,111	79.06	11.23	7.45	-	-	2.26
Field peas	70,258	66.93	10.8	20.91	0.11	-	1.25
Haricot beans	55,765	79.6	8.87	10.39	0.06	-	1.08
Chick – peas	3,094	60	10	28.89	-	-	1.11
Lentils	22	56.67	40	3.33	-	-	-
Vetch	1,490	66.67	11.67	19.17	-	-	2.5
Soya beans	21,101	44.5	19.5	35	-	-	1
Fenugreek	1,125	55.38	7.69	36.92	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	358,740	31.53	11.68	53.88	0.47	-	2.44
Neug	204,292	16.64	11.79	67.94	0.44	-	3.19
Linseed	3,124	67.88	12.58	18.03	1.52	-	-
Groundnuts	39,879	26.15	16.63	54.81	1.54	-	0.87
Safflower	-	-	-	-	-	-	-
Sesame	69,698	6.05	12.76	79.08	-	-	2.11
Rapeseed	41,748	53.11	9.23	35.07	-	-	2.59
<b>Vegetables</b>	162,034	80.08	1.4	17.61	-	-	0.91
Lettuce	-	-	-	-	-	-	-
Head cabbage	2,792	77.5	-	21.79	-	-	0.71
Ethiopian cabbage	31,324	89.92	0.87	9.01	-	-	0.19
Tomatoes	10,940	88.82	-	11.18	-	-	-
Green peppers	38,072	87.64	1.13	9.72	-	-	1.51
Red peppers	78,871	72.47	1.96	24.62	-	-	0.95
Swiss chard	34	10	-	90	-	-	-
<b>Root Crops</b>	2,879,020	82.71	1.71	14.12	0.04	0.35	1.08
Beetroot	1,979	59.44	-	40	-	-	0.56
Carrot	490	57.27	-	42.73	-	-	-
Onion	7,354	86	-	14	-	-	-
Potatoes	11,152	37.14	17.14	45.71	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	3,664	71.28	4.1	23.59	-	-	1.03
Taro / 'Godere'	59,539	91.74	2.72	5.11	-	-	0.43
Sweet potatoes	2,794,843	84.46	1.05	12.5	0.06	0.54	1.39
<b>Permanent crops</b>	1,188,107	47.33	0.36	48.68	1.03	0.01	2.59
Avocados	747	56.02	0.07	41.9	0.14	-	1.88
Bananas	123,443	57.67	0.26	40.11	0.36	-	1.6
Guavas	28	73	-	26.17	-	-	0.83
Lemons	593	52.86	-	45	-	-	2.14
Mangoes	136,391	62.19	0.66	33.69	0.66	0.07	2.72
Oranges	9,731	66.94	-	31.43	0.3	-	1.33
Papayas	5,952	68.57	0.14	30	0.29	-	1
Pineapples	-	-	-	-	-	-	-
Chat	8,231	21.79	-	77.55	-	-	0.65
Coffee	670,740	35.08	0.64	57.15	2.57	-	4.56
Hops (Gesho)	3,884	23.41	-	75.49	0.12	-	0.98
Sugar cane	228,367	63.78	0.24	32.32	-	0.24	3.41
<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	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	10,558,041	57.98	13.26	26.5	0.18	0.61	1.46
<b>Cereals</b>	9,465,603	67.72	12.85	16.38	0.24	0.89	1.93
Teff	1,395,999	66.52	16.72	14.7	0.09	0.36	1.61
Barley	120,101	60.52	27.12	10.2	0.16	1.12	0.88
Wheat	215,056	65.26	20.94	12.52	0.3	0.17	0.81
Maize	6,036,213	66.27	7.29	22.01	0.47	1.41	2.55
Sorghum	1,112,536	75.15	9.5	12.69	0.04	0.62	2
Finger millet	567,666	72.93	12.54	12	-	0.94	1.59
Oats "Aja"	10,358	46.25	25	21.25	-	-	7.5
Rice	7,675	92.5	2.5	5	-	-	-
<b>Pulses</b>	323,202	65.65	14.84	18.8	0.03	0.21	0.47
Horse beans white	93,254	72.4	13.85	13.28	0.08	-	0.38
Horse beans red	36,657	54.71	21.18	23.92	-	-	0.2
Field peas	7,081	87.05	11.59	1.36	-	-	-
Haricot beans	58,747	78.22	10.28	10.44	-	-	1.06
Chick – peas	16,673	55.65	22.9	20.97	-	-	0.48
Lentils	442	82.5	17.5	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	108,858	23.75	7.5	63.13	-	5	0.63
Fenugreek	1,492	38.95	18.68	42.37	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	769,236	19.87	13.4	65.91	0.12	-	0.71
Neug	579,551	12.28	12.74	73.92	0.04	-	1.01
Linseed	3,220	53	20	27	-	-	-
Groundnuts	126,678	14.2	17.98	67.02	-	-	0.8
Safflower	-	-	-	-	-	-	-
Sesame	53,502	3.4	15.63	80	0.69	-	0.28
Rapeseed	6,285	63.49	6.51	29.86	-	-	0.14
<b>Vegetables</b>	163,311	80.43	0.35	18.59	-	-	0.63
Lettuce	-	-	-	-	-	-	-
Head cabbage	8,643	77.12	-	21.97	-	-	0.91
Ethiopian cabbage	3,065	82.94	-	16.18	-	-	0.88
Tomatoes	13,275	38.75	-	58.75	-	-	2.5
Green peppers	26,756	90.95	0.07	8.5	-	-	0.49
Red peppers	111,572	74.36	0.64	24.38	-	-	0.62
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	974,803	75.81	2.35	20.29	0.06	0.44	1.04
Beetroot	4,414	73.9	-	25.5	-	-	0.6
Carrot	216	70	-	30	-	-	-
Onion	15,097	74.31	0.2	25.29	-	0.2	-
Potatoes	118,580	67.88	3.33	28.48	-	-	0.3
Yam	-	-	-	-	-	-	-
Garlic	13,377	78.6	5.2	15.93	-	-	0.27
Taro / 'Godere'	23,923	87.8	5.37	3.41	-	-	3.41
Sweet potatoes	799,197	73	0.82	22.47	0.24	1.65	1.82
<b>Permanent crops</b>	408,206	55.81	0.3	41.44	0.5	-	1.96
Avocados	19	62.73	6.36	26.36	-	-	4.55
Bananas	23,475	65.94	0.37	32.67	-	-	1.02
Guavas	0	-	-	-	-	-	-
Lemons	68	38.57	-	55.71	-	-	5.71
Mangoes	48,966	65.75	0.19	30.99	0.19	-	2.88
Oranges	154	85.71	-	12.86	-	-	1.43
Papayas	3,507	81.67	-	14.17	-	-	4.17
Pineapples	-	-	-	-	-	-	-
Chat	11,573	24.94	-	72.96	-	-	2.1
Coffee	96,273	68.6	0.27	27.08	1.56	-	2.49
Hops (Gesho)	1,993	28.63	-	70.85	-	-	0.51
Sugar cane	222,177	35	0.59	61.47	-	-	2.94
<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>	7,977,781	63.96	10.65	21.67	1.02	0.45	2.24
<b>Cereals</b>	7,456,320	65	11.3	19.4	1.33	0.6	2.37
Teff	1,148,328	57.77	14.24	24.02	1.61	0.05	2.31
Barley	115,433	53.97	16.06	28.65	-	0.16	1.16
Wheat	170,328	56.9	15.95	25	0.89	0.38	0.89
Maize	4,606,728	70.04	9.33	15.3	1.67	1.1	2.56
Sorghum	1,201,499	69.01	10.29	16.6	1.05	0.48	2.57
Finger millet	119,538	70.5	9.05	16.85	0.54	0.5	2.57
Oats "Aja"	603	20	10	70	-	-	-
Rice	93,863	42.8	12.46	40	1.7	-	3.04
<b>Pulses</b>	276,857	70.55	8.75	18.3	0.34	0.09	1.97
Horse beans white	88,489	64.21	11.51	21.43	0.36	-	2.5
Horse beans red	69,343	49.08	14.32	33.12	1.15	-	2.32
Field peas	21,420	72.92	7.2	17.54	0.41	-	1.93
Haricot beans	39,793	84.12	6.18	8.08	0.04	0.22	1.35
Chick – peas	4,096	70	11.67	13.33	-	-	5
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	51,698	44.51	9.15	40.98	0.73	-	4.63
Fenugreek	2,018	61.11	10.93	27.78	-	-	0.19
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	244,603	30.03	10.92	56.63	0.29	0.23	1.89
Neug	123,440	17.43	12.43	67.21	-	-	2.94
Linseed	10,049	37.5	10.42	46.25	-	3.33	2.5
Groundnuts	95,426	18.2	11.14	68.61	1.14	-	0.91
Safflower	406	61.43	20	15.71	-	-	2.86
Sesame	12,463	26.79	10.93	61.57	-	-	0.71
Rapeseed	2,819	71.3	4.63	23.15	-	-	0.93
<b>Vegetables</b>	296,354	65.39	1.48	29.77	0.27	0.07	3.03
Lettuce	-	-	-	-	-	-	-
Head cabbage	11,730	67.37	0.39	29.21	-	0.07	2.96
Ethiopian cabbage	33,598	74.46	0.69	21.59	0.05	0.05	3.17
Tomatoes	4,109	67.5	-	31.25	-	-	1.25
Green peppers	12,651	77.79	0.96	18.17	0.06	-	3.01
Red peppers	234,266	46.56	3.15	46.32	0.75	0.14	3.08
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	465,445	74.17	2.52	19.93	0.29	0.51	2.58
Beetroot	6,568	66.66	-	30.24	-	-	3.1
Carrot	605	59.33	1.67	36	-	-	3
Onion	5,015	79.12	0.8	18.46	1.2	-	0.42
Potatoes	14,911	61.67	3.33	33.33	-	1.67	-
Yam	-	-	-	-	-	-	-
Garlic	1,575	76.44	3.89	17.67	-	-	2
Taro / 'Godere'	104,205	81.23	4.44	11.05	0.1	0.05	3.13
Sweet potatoes	332,566	63.18	0.45	30.63	0.68	2.56	2.5
<b>Permanent crops</b>	1,030,646	42.76	0.42	52.46	0.64	0.02	3.71
Avocados	564	48.08	0.09	47.48	-	-	4.35
Bananas	83,699	47.29	0.47	47.71	0.11	-	4.41
Guavas	66	64.17	-	31.67	-	-	4.17
Lemons	2,726	42.5	-	42.5	-	-	15
Mangoes	39,336	46.79	-	47.07	0.21	0.07	5.86
Oranges	943	65.43	-	28.43	-	-	6.14
Papayas	51,722	56.89	0.11	38.78	0.11	0.11	4
Pineapples	1	17.5	-	77.5	-	-	5
Chat	77,888	31.2	0.13	63.18	0.83	-	4.66
Coffee	541,086	39.89	0.82	56	1.29	0.02	1.98
Hops (Gesho)	410	38.39	0.32	60.32	-	-	0.97
Sugar cane	232,205	52.68	0.54	43.48	-	0.09	3.21
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.4.4- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Jimma							
Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	12,657,235	68.73	10.26	17.18	0.81	0.14	2.88
<b>Cereals</b>	11,737,174	70.92	10.48	14.09	0.89	0.2	3.43
Teff	2,667,067	65.82	12.51	18.06	0.7	-	2.91
Barley	374,455	66.43	16.04	13.63	0.68	0.49	2.73
Wheat	701,047	65.33	14.61	17.24	0.39	0.07	2.37
Maize	6,665,965	77.57	5.1	10.94	1.21	0.33	4.85
Sorghum	1,243,975	74.68	10.41	10.84	0.82	0.25	3
Finger millet	66,307	73.39	8.93	11.61	3.93	-	2.14
Oats "Aja"	18,357	74.12	20.88	3.24	-	0.59	1.18
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	639,181	71.34	9.16	17.86	0.4	-	1.24
Horse beans white	414,417	58.26	11.25	27.65	0.85	-	1.98
Horse beans red	154,665	44.85	12.42	38.86	0.76	-	3.11
Field peas	8,120	92.34	5.26	2.25	-	-	0.16
Haricot beans	17,922	92.26	5.7	1.94	-	-	0.11
Chick – peas	29,444	33	22	45	-	-	-
Lentils	13,341	60.17	12.5	26.67	0.33	-	0.33
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	1,272	66.25	13.75	13.75	-	-	6.25
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	280,881	41.7	11.42	43.07	1.17	0.06	2.57
Neug	142,053	18.02	12.33	64.48	1.03	-	4.14
Linseed	31,478	55.06	12	30.53	0.71	-	1.71
Groundnuts	103,485	29.41	11.76	50.59	5.29	0.59	2.35
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	3,865	65.26	5.79	27.11	-	-	1.84
<b>Vegetables</b>	368,358	78.33	0.54	19.05	0.19	-	1.9
Lettuce	19	92	-	8	-	-	-
Head cabbage	14,198	79.74	-	18.18	-	-	2.08
Ethiopian cabbage	162,962	86.92	0.54	11.3	-	-	1.24
Tomatoes	8,814	84.72	-	13.89	-	-	1.39
Green peppers	34,452	88.36	0.34	9.74	-	-	1.55
Red peppers	147,913	42.18	1.05	51.73	0.98	-	4.06
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	998,616	80.02	8.15	10.38	0.06	0.02	1.38
Beetroot	8,667	78.2	-	20.9	-	-	0.9
Carrot	344	70	-	27.5	-	-	2.5
Onion	10,395	83	2	14	-	-	1
Potatoes	104,498	59.68	7.58	31.29	0.16	-	1.29
Yam	-	-	-	-	-	-	-
Garlic	14,115	67.09	8.72	23.02	-	-	1.16
Taro / 'Godere'	786,957	82	10.2	6.23	0.02	0.02	1.52
Sweet potatoes	73,640	90.93	2.09	5.58	0.47	-	0.93
<b>Permanent crops</b>	2,368,961	60.52	0.35	35.2	0.7	0.11	3.13
Avocados	182,617	48.21	0.04	48.98	0.21	-	2.55
Bananas	441,407	51.5	0.83	44.35	0.43	-	2.89
Guavas	23,580	81.38	-	13.77	-	-	4.86
Lemons	446	36.88	-	50.63	-	-	12.5
Mangoes	93,121	65.77	-	30.87	0.11	-	3.25
Oranges	8,620	78.33	1.19	18.33	-	0.32	1.83
Papayas	8,299	72.22	-	25.71	-	-	2.07
Pineapples	13	46.54	-	53.46	-	-	-
Chat	107,091	44.8	0.33	49.39	0.45	0.04	4.99
Coffee	995,809	52.88	0.43	43.58	0.91	0.14	2.05
Hops (Gesho)	2,440	35	-	64.66	-	-	0.34
Sugar cane	505,519	64.88	0.12	30.33	0.06	0.48	4.13
<b>Enset</b>	2,016,457	88.62	0.35	5.86	2.05	0.18	2.95

TABLE 1.4.5- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

West Shewa							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	15,250,249	54.71	15.11	27.27	0.89	0.65	1.38
<b>Cereals</b>	13,705,004	58.1	14.2	24.49	0.97	0.84	1.4
Teff	4,332,301	43.37	14.72	38.65	1.39	0.09	1.78
Barley	1,451,363	58.98	21.97	15.02	0.66	2.23	1.14
Wheat	1,640,125	53.24	20.75	22.87	1.27	0.69	1.17
Maize	4,042,210	70.03	6.29	21.34	0.33	0.76	1.26
Sorghum	2,208,879	68.87	11.01	16.92	1.16	0.71	1.33
Finger millet	21,982	30	20	40	-	10	-
Oats "Aja"	8,003	69.6	11.33	6	4.67	3.67	4.73
Rice	*	-	-	-	-	-	-
<b>Pulses</b>	1,246,567	53.16	18.26	26.83	0.77	0.2	0.77
Horse beans white	565,761	57.37	16.86	23.29	1.39	-	1.09
Horse beans red	136,005	52.29	18.78	27.84	0.68	-	0.41
Field peas	5,820	68.33	1.67	30	-	-	-
Haricot beans	28,521	78.57	15.36	6.07	-	-	-
Chick - peas	204,191	40.94	21.47	35.92	-	-	1.67
Lentils	44,014	45.87	17.1	36.39	-	-	0.65
Vetch	255,176	39.94	26.88	31.52	-	1.52	0.15
Soya beans	3,094	87.5	12.5	-	-	-	-
Fenugreek	3,984	55.56	9.37	35.07	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	298,679	25.11	14.55	56.79	0.44	0.06	3.05
Neug	234,397	16.56	13.67	67.5	0.31	0.16	1.8
Linseed	58,072	6.82	25.91	65.76	1.52	-	-
Groundnuts	*	-	-	-	-	-	-
Safflower	188	50	7.5	42.5	-	-	-
Sesame	4,297	-	12.5	87.5	-	-	-
Rapeseed	1,704	46.55	9.25	37.59	-	-	6.61
<b>Vegetables</b>	363,087	74.72	1.08	23.2	-	-	1
Lettuce	1	100	-	-	-	-	-
Head cabbage	15,419	75.63	-	23.75	-	-	0.63
Ethiopian cabbage	31,708	80.93	0.89	17.26	-	-	0.93
Tomatoes	304	100	-	-	-	-	-
Green peppers	7,423	82.18	-	16.03	-	-	1.79
Red peppers	307,766	56.44	2.5	40.45	-	-	0.6
Swiss chard	466	80.91	2.73	16.36	-	-	-
<b>Root Crops</b>	1,783,029	63.7	8.29	26.64	0.61	-	0.76
Beetroot	8,426	71.48	-	28.33	-	-	0.19
Carrot	8,167	65.77	-	34.23	-	-	-
Onion	38,180	73.56	1.92	22.52	1.6	-	0.4
Potatoes	1,618,692	54.42	11.52	32.9	0.14	-	1.01
Yam	-	-	-	-	-	-	-
Garlic	54,406	56.52	14.71	27.41	0.4	-	0.96
Taro / 'Godere'	3,421	92	2	4	-	-	2
Sweet potatoes	51,736	75.92	5.38	16.15	-	-	2.54
<b>Permanent crops</b>	325,813	62.6	0.77	33.01	0.42	1.57	1.63
Avocados	3	40	-	60	-	-	-
Bananas	5,161	53.48	2.12	41.52	-	-	2.88
Guavas	-	-	-	-	-	-	-
Lemons	*	-	-	-	-	-	-
Mangoes	5,436	59.69	-	36.56	-	-	3.75
Oranges	1,212	41.25	-	56.25	-	-	2.5
Papayas	2,817	74	-	20	-	-	6
Pineapples	-	-	-	-	-	-	-
Chat	1,701	11.54	-	88.46	-	-	-
Coffee	1,344	98.85	-	0.38	-	-	0.77
Hops (Gesho)	6,566	44.42	1.16	52.99	0.82	-	0.61
Sugar cane	301,563	29.69	1.88	63.44	-	-	5
<b>Enset</b>	653,207	85.23	0.44	7.95	0.4	4.01	1.98

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	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	9,125,916	56.97	18.99	20.7	1.19	0.89	1.26
<b>Cereals</b>	7,527,161	59.95	17.64	18.97	1.15	1.11	1.17
Teff	2,520,550	49.25	16.46	31.35	1.61	0.12	1.21
Barley	1,573,377	66.85	19.44	8.48	0.19	4.39	0.65
Wheat	1,826,853	58.95	20.93	17.74	1.03	0.06	1.3
Maize	174,081	73.52	15.01	7.45	1.27	1.09	1.66
Sorghum	1,415,563	61.5	15.4	19.76	1.51	0.74	1.1
Finger millet	819	40	30	30	-	-	-
Oats "Aja"	13,503	76.88	19.38	2.5	-	1.25	-
Rice	*	-	-	-	-	-	-
<b>Pulses</b>	*	51.9	22.2	22.65	1.24	0.5	1.5
Horse beans white	*	60.17	21.46	16.01	1.02	0.07	1.27
Horse beans red	*	52.19	29.38	17.19	0.42	-	0.83
Field peas	*	62	10	27	-	-	1
Haricot beans	*	8	10	80	-	-	2
Chick – peas	*	42.73	24.09	29.02	2.27	-	1.89
Lentils	*	38.69	24.85	32.23	1.31	0.15	2.77
Vetch	*	46.67	20.02	27.83	1.72	2.27	1.49
Soya beans	*	-	-	-	-	-	-
Fenugreek	*	28.5	18.5	51	-	1	1
Masho	*	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	42,244	44.15	18.33	35.02	1.4	-	1.09
Neug	19,220	25.75	19.25	51.5	2.1	-	1.4
Linseed	21,848	27.42	21.67	49	1.82	-	0.09
Groundnuts	-	-	-	-	-	-	-
Safflower	125	71.62	11.54	14.23	1.54	-	1.08
Sesame	-	-	-	-	-	-	-
Rapeseed	1,051	70.95	16.43	10.24	-	-	2.38
<b>Vegetables</b>	22,297	81.74	2.15	13.81	0.83	-	1.47
Lettuce	7	86.67	-	13.33	-	-	-
Head cabbage	62	90	-	-	-	-	10
Ethiopian cabbage	19,979	86.3	1.41	11.22	0.08	-	0.99
Tomatoes	69	25	-	75	-	-	-
Green peppers	1,344	81.17	2.83	12.81	1.7	-	1.49
Red peppers	98	43.13	12.5	33.13	7.5	-	3.75
Swiss chard	738	62.08	1.67	30.42	1.67	-	4.17
<b>Root Crops</b>	53,614	61.35	16.7	19.55	0.99	0.05	1.35
Beetroot	294	56.25	4.58	30.83	4.17	-	4.17
Carrot	424	68	2	28	-	-	2
Onion	1,660	60.28	7.78	27.22	2.78	-	1.94
Potatoes	47,765	82.35	11.18	5.88	-	-	0.59
Yam	-	-	-	-	-	-	-
Garlic	3,324	58.62	20.27	19.24	0.67	0.07	1.13
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	147	100	-	-	-	-	-
<b>Permanent crops</b>	38,450	64.57	2.76	27.8	1.61	-	3.26
Avocados	*	-	-	-	-	-	-
Bananas	*	100	-	-	-	-	-
Guavas	*	-	-	-	-	-	-
Lemons	*	5	-	95	-	-	-
Mangoes	*	-	-	-	-	-	-
Oranges	*	20	-	70	-	-	10
Papayas	*	100	-	-	-	-	-
Pineapples	*	-	-	-	-	-	-
Chat	*	2.5	25	55	7.5	-	10
Coffee	*	91.67	-	8.33	-	-	-
Hops (Gesho)	*	66.97	2.04	26.32	1.51	-	3.16
Sugar cane	*	10	10	80	-	-	-
<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			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	11,039,044	47.25	13.94	37.38	0.45	0.41	0.56
<b>Cereals</b>	9,521,637	51.89	14.28	32.17	0.44	0.6	0.63
Teff	3,786,439	36.16	14.56	47.76	0.61	0.26	0.64
Barley	146,465	58.44	17.92	19.61	-	3.77	0.26
Wheat	2,122,124	47.48	15.94	35.29	0.63	0.09	0.58
Maize	3,236,772	69	11.72	17.4	0.25	0.84	0.79
Sorghum	226,601	75	16.2	8.61	-	-	0.19
Finger millet	1,648	78.33	13.33	8.33	-	-	-
Oats "Aja"	1,590	75	11.67	13.33	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	1,517,061	37.4	13.27	48.38	0.49	0.02	0.44
Horse beans white	250,157	59.51	10.66	29.31	0.22	-	0.3
Horse beans red	117,455	56.1	14.1	29.6	-	-	0.2
Field peas	120,268	19.84	13.11	66.31	0.49	-	0.25
Haricot beans	186,579	52.91	16.39	30.17	-	-	0.52
Chick - peas	380,140	16	12.87	68.34	2.03	0.06	0.7
Lentils	401,895	17.19	10.63	71.12	0.59	-	0.47
Vetch	47,743	46.14	18.09	35.34	-	0.14	0.29
Soya beans	-	-	-	-	-	-	-
Fenugreek	11,641	15.83	22.5	60.42	-	-	1.25
Masho	*	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	346	90	2.5	7.5	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	99	100	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	247	80	5	15	-	-	-
<b>Vegetables</b>	117,305	73.95	0.12	23.95	-	-	1.98
Lettuce	16	100	-	-	-	-	-
Head cabbage	615	70	-	25	-	-	5
Ethiopian cabbage	53,410	68.48	-	30.45	-	-	1.06
Tomatoes	11,843	56.67	-	40	-	-	3.33
Green peppers	15,127	83.06	0.32	13.87	-	-	2.74
Red peppers	36,285	43.75	-	53.75	-	-	2.5
Swiss chard	10	100	-	-	-	-	-
<b>Root Crops</b>	266,876	49.14	6.46	41.63	-	-	2.77
Beetroot	1,329	79.38	-	16.88	-	-	3.75
Carrot	21	100	-	-	-	-	-
Onion	234,429	30.86	0.86	65.71	-	-	2.57
Potatoes	12,066	50	-	50	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	15,811	57.14	13.68	26.22	-	-	2.97
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	3,220	100	-	-	-	-	-
<b>Permanent crops</b>	206,725	34.74	0.18	63.25	-	-	1.84
Avocados	-	-	-	-	-	-	-
Bananas	574	40	-	60	-	-	-
Guavas	9	60	-	35	-	-	5
Lemons	17	-	-	100	-	-	-
Mangoes	2,737	34	-	66	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	642	32.5	-	67.5	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	1,677	15	-	85	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	12,838	37.22	-	60.14	-	-	2.64
Sugar cane	188,230	20	5	75	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.4.8- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Type of Crop	Total Production (Quintal)	Percent Utilized		For		Animal Feed	Others
		Household Consumption	Seed	Sale	Wages In kind		
<b>Grain Crops</b>	16,192,176	52.66	15.27	28.32	0.56	1.42	1.76
<b>Cereals</b>	14,535,530	56.87	15.56	23.13	0.57	1.93	1.93
Teff	1,704,122	48.64	15.5	33.93	0.31	0.02	1.6
Barley	2,685,728	57.73	16.56	19.94	0.62	3.03	2.13
Wheat	6,548,995	50.47	19.05	27.39	0.97	0.15	1.97
Maize	2,485,580	68.24	11.78	13.37	0.05	4.66	1.9
Sorghum	1,079,741	62.44	11.02	20.98	1.2	2.14	2.22
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	31,365	56.32	20.53	21.58	-	0.53	1.05
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	1,429,611	44.74	14.82	38.18	0.63	0.12	1.52
Horse beans white	825,355	43.82	14.86	37.5	0.9	0.18	2.74
Horse beans red	349,530	45.24	14.76	38.57	0.76	-	0.67
Field peas	40,015	58.33	14.17	25	1.11	0.56	0.83
Haricot beans	89,257	62.21	17.69	19.52	0.19	-	0.38
Chick - peas	20,052	70.5	13	14.5	1	-	1
Lentils	9,116	61.67	14.44	23.89	-	-	-
Vetch	66,188	35.75	13.75	50	-	-	0.5
Soya beans	-	-	-	-	-	-	-
Fenugreek	29,967	21.6	13.49	64.53	-	0.19	0.19
Masho	133	90	10	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	227,035	26.31	12.98	60.4	-	-	0.3
Neug	16,625	36	14	50	-	-	-
Linseed	186,245	15.23	12.54	71.77	-	-	0.46
Groundnuts	*	-	-	-	-	-	-
Safflower	39	92.5	7.5	-	-	-	-
Sesame	1,286	60	25	15	-	-	-
Rapeseed	20,727	51.33	13	35.67	-	-	-
<b>Vegetables</b>	178,372	58.86	1.67	36.96	0.22	0.27	2.03
Lettuce	19	66	-	30	-	2	2
Head cabbage	15,915	52.08	-	47.08	-	-	0.83
Ethiopian cabbage	73,210	67.95	1.1	27.74	-	0.62	2.6
Tomatoes	38,221	17.27	-	82.73	-	-	-
Green peppers	28,443	70.94	1.98	24.72	-	-	2.36
Red peppers	22,560	41.57	3.14	52.75	0.88	-	1.67
Swiss chard	6	100	-	-	-	-	-
<b>Root Crops</b>	803,202	31.9	8.12	57.54	0.02	0.29	2.13
Beetroot	48,674	53.48	0.43	44.78	0.22	0.43	0.65
Carrot	27,712	17.78	-	79.81	-	2.22	0.19
Onion	279,300	22.82	6.18	70.18	-	-	0.82
Potatoes	240,758	39.25	11.98	43.11	-	-	5.66
Yam	-	-	-	-	-	-	-
Garlic	190,822	28.47	13.4	56.53	-	-	1.6
Taro / 'Godere'	2,596	41.67	-	58.33	-	-	-
Sweet potatoes	13,340	55.56	1.67	38.89	-	-	3.89
<b>Permanent crops</b>	131,337	34.22	0.37	61.83	-	0.39	3.19
Avocados	1	20	-	80	-	-	-
Bananas	10,441	33.33	-	61.25	-	1.25	4.17
Guavas	1	30	-	70	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	111	37.5	0.83	55.83	-	-	5.83
Oranges	1,148	21.5	0.5	76	-	-	2
Papayas	47	36.67	-	63.33	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	31,228	29.38	-	66.15	-	-	4.48
Coffee	42,815	31.44	0.5	65.38	-	-	2.69
Hops (Gesho)	2,735	50.88	0.88	47.06	-	-	1.18
Sugar cane	42,811	33.33	1.11	52.22	-	8.89	4.44
<b>Enset</b>	-	-	-	-	-	-	-



TABLE 1.4.9- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

West Harerghe							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	5,363,480	72.01	10.78	14.08	0.04	1.2	1.89
<b>Cereals</b>	5,149,998	78.16	10.36	7.58	0.05	1.54	2.3
Teff	103,376	70.61	13.27	14.49	-	-	1.63
Barley	106,078	70.29	18.73	7.94	-	2.11	0.94
Wheat	148,427	73.21	15.52	8.84	-	0.15	2.29
Maize	919,627	79.21	9.13	6.63	0.09	2.44	2.5
Sorghum	3,847,701	79.67	9.17	7.56	0.04	1.12	2.44
Finger millet	23,811	78.58	11.73	7.58	-	-	2.12
Oats "Aja"	978	95	5	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	159,296	60.21	13.52	24.94	-	0.42	0.92
Horse beans white	10,344	66.58	11.04	21.25	-	-	1.13
Horse beans red	5,637	89.55	6.36	0.36	-	-	3.73
Field peas	63,175	52.55	14.07	32.45	-	0.21	0.72
Haricot beans	13,197	79.72	11.84	8.09	-	-	0.34
Chick - peas	50,071	53.51	13.24	32.16	-	-	1.08
Lentils	5,736	64.52	18.52	16.36	-	-	0.6
Vetch	9,495	54.44	17.22	17.22	-	11.11	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	1,642	77.1	11.24	9.52	-	-	2.14
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	54,186	44.94	7.7	46.82	-	-	0.55
Neug	-	-	-	-	-	-	-
Linseed	4,608	84.79	7.36	7.15	-	-	0.7
Groundnuts	41,008	26.45	12.24	60.39	-	-	0.92
Safflower	234	55	2.5	37.5	-	-	5
Sesame	8,336	33.44	4.95	61.58	-	-	0.04
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	235,173	61.7	0.78	34	0.08	0.78	2.67
Lettuce	166	73.33	-	26.67	-	-	-
Head cabbage	532	63.33	-	36.67	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	10,711	56.06	-	34.24	-	4.24	5.45
Green peppers	27,124	84.75	-	13.38	-	-	1.88
Red peppers	196,642	57.37	1.12	38.64	0.11	0.34	2.43
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	968,088	56.51	5.27	31.91	-	3.4	2.91
Beetroot	83	10	-	90	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	268,230	27.33	11.11	61	-	-	0.56
Potatoes	132,039	39.64	8.57	51.79	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	992	45	20.71	34.29	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	566,744	76.95	0.24	11.65	-	6.18	4.98
<b>Permanent crops</b>	576,846	36.06	0.23	56.3	0.15	1.64	5.61
Avocados	28	78.75	-	20	-	-	1.25
Bananas	52,707	45.85	-	52.08	-	-	2.08
Guavas	987	64.5	-	18.25	-	-	17.25
Lemons	159	15	-	65	-	-	20
Mangoes	11,975	59.32	-	34.94	-	-	5.74
Oranges	2,254	40.83	-	40	-	-	19.17
Papayas	8,163	61.43	-	32.14	1.9	-	4.52
Pineapples	-	-	-	-	-	-	-
Chat	207,966	27.43	0.26	66.09	0.17	0.22	5.83
Coffee	47,402	43.06	0.52	54.34	-	-	2.08
Hops (Gesho)	831	37.78	-	60	-	-	2.22
Sugar cane	244,375	32.36	-	29.44	-	34.31	3.89
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.4.10- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

East Harerghe							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	5,132,341	77.01	11.48	9.16	0.04	0.81	1.5
<b>Cereals</b>	4,706,362	82.32	10.88	4.05	0.06	1.02	1.67
Teff	56,037	65.19	13.65	20.77	-	-	0.38
Barley	96,544	76.69	13.48	8.87	-	0.14	0.81
Wheat	450,595	77.1	15.42	4.63	0.16	1.51	1.18
Maize	1,106,120	85.14	8.69	3.22	0.06	1.06	1.83
Sorghum	2,974,093	84.2	10.53	2.23	0.03	1.05	1.96
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	21,462	73.85	16.93	7.04	-	1.33	0.85
Rice	*	-	-	-	-	-	-
<b>Pulses</b>	164,030	68.66	13.08	17.83	-	0.04	0.39
Horse beans white	80,213	69.8	14.17	15.31	-	-	0.71
Horse beans red	21,501	70.05	13.45	16.05	-	-	0.45
Field peas	36,512	63.42	10.42	25.92	-	-	0.25
Haricot beans	2,230	81.79	9.64	8.21	-	-	0.36
Chick – peas	4,585	48.93	33.93	15.71	-	-	1.43
Lentils	5,710	48.33	22.22	28.89	-	0.56	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	13,279	75.25	9.97	14.52	-	-	0.25
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	261,949	39.17	14.63	44.55	-	-	1.65
Neug	-	-	-	-	-	-	-
Linseed	13,255	63.85	10.45	24.74	-	-	0.96
Groundnuts	246,212	26.05	17.77	53.99	-	-	2.19
Safflower	-	-	-	-	-	-	-
Sesame	2,483	47.5	5.83	46.67	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	76,023	57.58	0.16	40.48	-	-	1.77
Lettuce	-	-	-	-	-	-	-
Head cabbage	170	47.5	-	46.25	-	-	6.25
Ethiopian cabbage	3,300	48.33	-	46.67	-	-	5
Tomatoes	2,847	78.75	-	20	-	-	1.25
Green peppers	52,310	66.15	0.38	31.73	-	-	1.73
Red peppers	17,397	48	-	51.2	-	-	0.8
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	5,801,683	66.39	3.9	25.02	-	1.51	3.17
Beetroot	21,046	30	25	45	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	47,809	26.67	0.37	72.22	-	0.37	0.37
Potatoes	294,601	17.86	20	57.62	-	1.19	3.33
Yam	-	-	-	-	-	-	-
Garlic	54,797	28.75	12.5	53.39	-	-	5.36
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	5,383,431	89.22	0.18	5.21	-	2.09	3.3
<b>Permanent crops</b>	1,237,567	40.24	0.29	53.69	0.13	0.59	5.06
Avocados	277	76.9	-	14.05	-	-	9.05
Bananas	36,298	52.77	-	44.12	-	-	3.11
Guavas	2,870	74.43	-	10.91	-	5.97	8.69
Lemons	369	36.25	-	52.5	-	-	11.25
Mangoes	34,593	79.81	-	16.52	-	-	3.67
Oranges	743	97.5	-	2.5	-	-	-
Papayas	10,396	64.4	-	31.2	-	-	4.4
Pineapples	-	-	-	-	-	-	-
Chat	728,917	31.48	0.47	62.05	0.22	0.05	5.74
Coffee	37,225	25.66	-	72.96	-	-	1.38
Hops (Gesho)	48	35	-	65	-	-	-
Sugar cane	385,832	36.18	1.18	47.35	-	8.82	6.47
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.4.11- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Bale							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	10,048,629	50.74	14.73	29.75	0.97	1.17	2.64
<b>Cereals</b>	9,066,268	57.41	13.51	23.63	1	1.57	2.89
Teff	836,277	57.03	12.67	24.12	1.67	-	4.51
Barley	1,108,132	73.11	13.89	10.07	0.32	1.39	1.21
Wheat	5,550,351	41.78	14.82	39.27	0.85	0.07	3.22
Maize	1,083,849	69.96	9.96	9.46	1.56	6.06	3
Sorghum	174,343	64.86	14.86	14.57	0.71	0.29	4.71
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	313,317	51.27	16.23	29.28	0.68	0.89	1.65
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	749,929	40.98	17.64	38.35	0.84	0.13	2.06
Horse beans white	372,559	45.28	16.04	36.46	0.66	0.28	1.27
Horse beans red	192,706	51.57	16.33	31.2	0.3	-	0.6
Field peas	55,116	39.65	23.57	33.2	1.84	-	1.73
Haricot beans	11,329	44.62	12.69	28.08	4.23	-	10.38
Chick - peas	4,449	20	10	70	-	-	-
Lentils	48,417	35.36	18.3	42.41	1.25	-	2.68
Vetch	337	20	20	40	-	20	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	47,240	27.96	12.7	58.96	-	-	0.37
Masho	17,777	23.91	23.13	46.72	-	-	6.25
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	232,432	10.96	17.36	67.7	1.24	0.67	2.08
Neug	1,447	15	15	70	-	-	-
Linseed	189,136	9.15	12.92	73.54	1.54	-	2.85
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	40,891	2.94	33.53	59.41	0.59	3.53	-
Rapeseed	958	60	21	19	-	-	-
<b>Vegetables</b>	161,612	54.04	1.88	39.28	0.38	-	4.42
Lettuce	-	-	-	-	-	-	-
Head cabbage	23,569	40	-	50	-	-	10
Ethiopian cabbage	59,109	67.5	0.53	28.16	-	-	3.82
Tomatoes	10,457	40	3.33	53.33	-	-	3.33
Green peppers	5,604	92.5	-	-	-	-	7.5
Red peppers	62,873	43.8	3.06	48.24	0.74	-	4.17
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	499,045	43.38	6.83	43.38	0.99	-	5.42
Beetroot	4,999	25	-	75	-	-	-
Carrot	4,248	26.43	1.43	70.71	-	-	1.43
Onion	25,962	32.5	15.5	46	-	-	6
Potatoes	240,007	52.73	5.15	33.33	0.45	-	8.33
Yam	-	-	-	-	-	-	-
Garlic	33,985	32.86	20	47.14	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	189,845	50	1	39.5	5.5	-	4
<b>Permanent crops</b>	315,491	26.7	0.04	67.29	1.42	0.28	4.28
Avocados	-	-	-	-	-	-	-
Bananas	35,331	30.16	-	61.94	0.97	1.13	5.81
Guavas	*	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	3,093	39.2	-	57	0.4	-	3.4
Oranges	6,716	32.5	-	66.11	-	-	1.39
Papayas	11,764	71.25	-	15	-	-	13.75
Pineapples	-	-	-	-	-	-	-
Chat	61,319	16.97	-	77.37	0.66	-	5
Coffee	92,256	19.8	-	73.08	3.41	0.06	3.65
Hops (Gesho)	11,056	47.92	0.42	48.96	-	0.42	2.29
Sugar cane	93,955	14	-	76	1	5	4
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.4.12- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Borena							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	408,975	47.8	9.95	40.32	0.67	0.13	1.13
<b>Cereals</b>	283,564	45.82	10.89	42.03	0.51	0.13	0.63
Teff	30,869	39.17	7.71	52.71	-	0.42	-
Barley	6,717	37.22	11.67	51.11	-	-	-
Wheat	13,795	44.5	14.5	40	0.5	-	0.5
Maize	212,296	52.06	12.5	33.09	1.03	-	1.32
Sorghum	18,553	80	-	20	-	-	-
Finger millet	*	-	-	-	-	-	-
Oats "Aja"	*	50	-	50	-	-	-
Rice	*	-	-	-	-	-	-
<b>Pulses</b>	*	50	9.14	38.86	0.62	-	1.38
Horse beans white	*	25	12.78	61.11	0.56	-	0.56
Horse beans red	*	12.5	10	77.5	-	-	-
Field peas	*	65	7.22	23.06	1.11	-	3.61
Haricot beans	*	51.07	9.27	38.13	0.53	-	1
Chick – peas	*	-	-	-	-	-	-
Lentils	*	-	-	-	-	-	-
Vetch	*	-	-	-	-	-	-
Soya beans	*	-	-	100	-	-	-
Fenugreek	*	-	-	-	-	-	-
Masho	*	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	92	10	15	50	10	7.5	7.5
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	92	10	15	50	10	7.5	7.5
<b>Vegetables</b>	41,822	57.29	3.85	34.9	0.63	0.24	3.09
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	34,210	68.94	3.94	22.73	0.56	0.3	3.54
Tomatoes	404	63.33	3.33	26.67	3.33	-	3.33
Green peppers	6,814	25	3.93	67.5	0.89	0.18	2.5
Red peppers	393	38.21	3.21	57.5	-	-	1.07
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	89,185	63.36	2.91	31.73	-	0.09	1.91
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	4,248	28.33	5	66.67	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	55,259	82	2	15	-	-	1
Sweet potatoes	29,679	50	3.52	43.33	-	0.19	2.96
<b>Permanent crops</b>	299,944	37.89	2.59	54.39	1.06	1.34	2.73
Avocados	889	35.76	3.26	59.89	0.22	-	0.87
Bananas	45,749	36.57	0.29	59.5	1.29	-	2.36
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	1,118	36.67	-	56.67	-	-	6.67
Oranges	232	10	-	90	-	-	-
Papayas	622	100	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	17,665	5.8	1.59	91.93	0.23	-	0.45
Coffee	123,217	22.58	3.18	67.77	1.59	0.26	4.62
Hops (Gesho)	543	30	-	70	-	-	-
Sugar cane	109,909	29	2.67	63.33	-	3.67	1.33
<b>Enset</b>	884,871	64.47	2.83	26.76	0.82	3.53	1.59

TABLE 1.4.13- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

South West Shewa

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	8,773,865	47.66	16.58	32.38	0.59	0.14	2.66
<b>Cereals</b>	6,760,113	49.73	16.2	30.05	0.8	0.2	3.02
Teff	2,999,960	38.52	15.76	41.5	1.04	0.03	3.15
Barley	660,046	44.34	22.59	28.38	0.42	0.94	3.33
Wheat	2,033,839	45.01	20.24	31.41	0.78	0.03	2.53
Maize	919,372	71.67	8.99	15.33	0.63	0.18	3.2
Sorghum	141,266	61.37	11.86	22.16	1.57	-	3.04
Finger millet	3,816	30	10	60	-	-	-
Oats "Aja"	1,815	46.67	20	33.33	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	1,929,071	45.16	17.98	34.94	0.23	0.04	1.66
Horse beans white	465,275	56.99	17.73	23.23	-	0.04	2.01
Horse beans red	128,090	42.5	20.13	34.74	-	-	2.62
Field peas	12,074	84.7	9.3	6	-	-	-
Haricot beans	19,399	57.5	20	22.5	-	-	-
Chick – peas	869,225	36.3	19.41	42.34	0.56	-	1.39
Lentils	148,445	33.07	14.79	50.42	0.4	-	1.31
Vetch	283,748	38.95	18.2	41.18	0.35	0.18	1.14
Soya beans	-	-	-	-	-	-	-
Fenugreek	2,816	45.71	20	33.57	-	-	0.71
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	84,681	38.85	12.02	43.82	0.35	-	4.96
Neug	27,224	16.76	11.76	68.82	-	-	2.65
Linseed	54,743	3.88	19.53	73.28	1.25	-	2.06
Groundnuts	2	100	-	-	-	-	-
Safflower	473	67.69	10.38	21.92	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	2,240	59.61	8.04	23.43	-	-	8.92
<b>Vegetables</b>	129,655	72.48	0.66	24.25	0.09	-	2.52
Lettuce	3	100	-	-	-	-	-
Head cabbage	585	55.71	-	41.43	-	-	2.86
Ethiopian cabbage	59,848	83.56	0.03	13.92	0.06	-	2.43
Tomatoes	765	71.67	-	28.33	-	-	-
Green peppers	15,968	75.25	0.12	22.04	-	-	2.59
Red peppers	46,683	29.05	5.83	61.55	0.71	-	2.86
Swiss chard	5,804	51	0.4	45.8	-	-	2.8
<b>Root Crops</b>	89,210	63.15	9.1	26.01	0.26	-	1.47
Beetroot	15,031	76.57	-	22.25	-	-	1.18
Carrot	614	69	-	28	-	-	3
Onion	32,246	80.43	-	16.74	0.65	-	2.17
Potatoes	16,175	76.15	3.85	17.5	-	-	2.5
Yam	-	-	-	-	-	-	-
Garlic	19,467	49.12	16.73	32.52	0.39	-	1.24
Taro / 'Godere'	3,655	100	-	-	-	-	-
Sweet potatoes	2,021	100	-	-	-	-	-
<b>Permanent crops</b>	74,626	63.23	0.35	33.54	0.01	-	2.86
Avocados	85	40.43	0.17	56.23	-	-	3.17
Bananas	7,379	37.22	-	56.94	-	-	5.83
Guavas	6	80	-	10	-	-	10
Lemons	548	51.43	-	47.14	-	-	1.43
Mangoes	2,038	57.06	-	36.47	-	-	6.47
Oranges	1,085	57.57	-	42.43	-	-	-
Papayas	561	45.71	0.36	47.86	-	-	6.07
Pineapples	-	-	-	-	-	-	-
Chat	15,682	15.47	1.21	81.25	-	-	2.07
Coffee	2,147	81.98	-	13.17	-	-	4.84
Hops (Gesho)	3,914	40.52	-	57.57	-	-	1.91
Sugar cane	41,182	62.94	0.88	33.24	-	-	2.94
<b>Enset</b>	1,043,907	90.43	0.42	6.69	0.03	-	2.42

TABLE 1.4.14- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	2,506,864	44.21	15.83	37.07	0.68	0.69	1.53
<b>Cereals</b>	1,809,905	46.86	15.18	34.76	0.65	0.76	1.79
Teff	257,258	16.24	16.99	65.65	0.48	0.11	0.54
Barley	324,835	47.24	18.92	30.64	0.33	0.61	2.27
Wheat	76,999	43.81	22.62	33.33	0.24	-	-
Maize	1,150,812	58.39	12.27	25.11	0.89	1.14	2.2
Sorghum	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	696,000	40.2	16.81	40.55	0.72	0.59	1.14
Horse beans white	239,162	32.67	17.48	48.01	0.63	0.19	1.02
Horse beans red	35,954	25.16	22.26	51.94	-	-	0.65
Field peas	79,064	60.29	7.79	28.38	0.29	2.06	1.18
Haricot beans	325,502	44.8	16.88	35.66	0.51	0.7	1.45
Chick – peas	2,898	75	15	10	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	94	30	20	50	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	12,812	28.57	25	35	11.43	-	-
Masho	*	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	960	40	16.67	43.33	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	695	50	15	35	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	266	20	20	60	-	-	-
<b>Vegetables</b>	228,321	65.21	1.85	30.48	0.07	0.07	2.31
Lettuce	-	-	-	-	-	-	-
Head cabbage	59,755	32.78	-	66.39	-	-	0.83
Ethiopian cabbage	159,655	71.68	1.77	24.28	0.09	0.09	2.08
Tomatoes	-	-	-	-	-	-	-
Green peppers	6,769	54.79	-	43.54	-	-	1.67
Red peppers	2,143	26.79	8.57	55.71	-	-	8.93
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	54,580	48.3	5.36	41.52	0.8	0.36	3.66
Beetroot	567	42	-	54	-	-	4
Carrot	4,642	27.78	-	72.22	-	-	-
Onion	1,842	60	-	40	-	-	-
Potatoes	37,318	55	7.88	31.15	0.77	-	5.19
Yam	-	-	-	-	-	-	-
Garlic	1,992	10	-	90	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	8,220	52.08	7.92	32.08	2.08	1.67	4.17
<b>Permanent crops</b>	749,691	47.21	1.22	47.41	1.58	0.75	1.84
Avocados	15,976	45.91	0.15	48.56	1.44	0.3	3.64
Bananas	44,766	37.16	0.9	57.39	1.79	1.19	1.57
Guavas	-	-	-	-	-	-	-
Lemons	73	5	-	95	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	228	62.5	5	30	-	2.5	-
Pineapples	-	-	-	-	-	-	-
Chat	9,371	7.31	-	91.15	0.96	-	0.58
Coffee	175,421	24.35	2.45	68.96	2.15	0.3	1.8
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	503,855	31.55	2.02	62.74	0.12	1.43	2.14
<b>Enset</b>	2,602,697	68.31	0.58	27.02	1.38	1.02	1.7

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	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	10,051,589	55.02	10.86	31.16	0.25	0.47	2.25
<b>Cereals</b>	9,419,367	57.9	11.31	27.44	0.24	0.56	2.55
Teff	447,569	31.89	9.9	57.5	-	-	0.71
Barley	1,882,628	56.25	15.44	23.98	0.78	0.35	3.2
Wheat	4,253,481	42.71	16.94	36.78	0.09	0.05	3.43
Maize	2,569,273	69.06	5.76	20.94	0.21	1.32	2.71
Sorghum	163,893	84.19	10.23	3.72	-	0.47	1.4
Finger millet	85,809	83.54	9.38	5.49	-	0.42	1.18
Oats "Aja"	16,714	83.33	16.67	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	574,416	41.69	8.4	48.93	0.31	-	0.67
Horse beans white	36,283	79.48	8.1	7.93	1.72	-	2.76
Horse beans red	7,720	57.5	30	10	-	-	2.5
Field peas	103	95	5	-	-	-	-
Haricot beans	398,548	36.3	6.16	57.36	-	-	0.19
Chick – peas	3,683	10	10	80	-	-	-
Lentils	2,453	3.33	6.67	90	-	-	-
Vetch	74,253	12.86	20	67.14	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	51,373	4.44	18.89	76.67	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	57,806	23.08	10.77	64.62	-	-	1.54
Neug	-	-	-	-	-	-	-
Linseed	57,153	1.43	8.57	90	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	653	48.33	13.33	35	-	-	3.33
<b>Vegetables</b>	319,882	71.25	0.55	24.69	0.21	-	3.3
Lettuce	-	-	-	-	-	-	-
Head cabbage	57,722	50.91	-	49.09	-	-	-
Ethiopian cabbage	239,302	71.26	0.5	24.05	0.25	-	3.93
Tomatoes	-	-	-	-	-	-	-
Green peppers	7,180	88.27	1.54	9.81	-	-	0.38
Red peppers	15,575	52.67	-	46	-	-	1.33
Swiss chard	103	100	-	-	-	-	-
<b>Root Crops</b>	1,707,691	35.67	13.21	49.3	0.31	-	1.5
Beetroot	47,611	43	1	55	-	-	1
Carrot	11,019	33	-	67	-	-	-
Onion	17,106	50	-	50	-	-	-
Potatoes	1,458,691	35.12	16.31	46.35	0.4	-	1.83
Yam	-	-	-	-	-	-	-
Garlic	169,327	24	15.83	58.5	0.33	-	1.33
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	3,937	83.33	-	16.67	-	-	-
<b>Permanent crops</b>	211,144	58.82	0.78	32.41	1.09	2.47	4.43
Avocados	2,227	67.14	-	25.71	-	-	7.14
Bananas	8,553	48.16	-	45.26	-	-	6.58
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	12	100	-	-	-	-	-
Papayas	1,897	76	-	24	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	1,279	53.33	-	45	-	-	1.67
Coffee	29,631	32.04	-	62.55	0.71	-	4.69
Hops (Gesho)	85	-	-	100	-	-	-
Sugar cane	167,461	45	-	45	-	-	10
<b>Enset</b>	11,369,402	66.57	1.16	23.04	1.44	3.66	4.12

TABLE 1.4.16- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Kelem Wellega							
Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	5,001,450	65.51	11.39	18.65	0.43	0.55	3.47
<b>Cereals</b>	4,577,413	66.68	11.47	16.3	0.54	0.83	4.18
Teff	345,038	59.92	14.23	22.04	0.56	0.03	3.23
Barley	48,336	61.39	15.21	19.66	0.21	0.46	3.07
Wheat	164,361	66.25	13.66	15.51	0.32	0.05	4.21
Maize	2,465,192	68.09	9.46	15.63	0.57	1.56	4.7
Sorghum	1,076,304	68.11	11.07	14.77	0.76	0.79	4.51
Finger millet	446,237	69.21	11.91	13.99	0.4	0.47	4.03
Oats "Aja"	239	59	7	34	-	-	-
Rice	31,705	59.67	12	27.67	-	-	0.67
<b>Pulses</b>	325,130	67.32	11.62	18.28	0.28	0.09	2.41
Horse beans white	131,543	58.61	14.78	22.42	0.49	0.03	3.67
Horse beans red	75,259	56.61	15	25.5	0.22	-	2.67
Field peas	35,440	71.06	10.74	14.79	0.43	0.43	2.55
Haricot beans	56,981	75.78	8.93	13.14	0.17	0.14	1.84
Chick – peas	18,767	65.88	10.29	21.18	-	-	2.65
Lentils	654	83.13	13.75	3.13	-	-	-
Vetch	631	71.11	8.89	18.89	-	-	1.11
Soya beans	1,817	54.5	18.5	22	2	-	3
Fenugreek	4,038	66.37	10	22.75	-	-	0.88
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	98,908	52.78	10.17	35.06	0.19	-	1.8
Neug	54,030	30.21	13.96	52.71	-	-	3.13
Linseed	904	58.13	11.88	27.92	-	-	2.08
Groundnuts	9,359	35.63	10	50.63	1.56	-	2.19
Safflower	838	84.03	7.64	7.5	-	-	0.83
Sesame	6,318	30.95	14.05	53.57	-	-	1.43
Rapeseed	27,459	61.33	8.06	29.23	-	-	1.38
<b>Vegetables</b>	198,162	62.12	1.73	34.08	0.23	0.02	1.83
Lettuce	-	-	-	-	-	-	-
Head cabbage	5,761	77.65	-	20.59	-	-	1.76
Ethiopian cabbage	11,635	86.91	-	11.38	0.07	0.13	1.51
Tomatoes	4,956	58.57	1.43	37.14	-	-	2.86
Green peppers	8,850	93.49	0.47	4.48	-	-	1.55
Red peppers	166,864	43.94	2.79	50.89	0.39	-	1.99
Swiss chard	96	80	-	20	-	-	-
<b>Root Crops</b>	562,547	83.54	0.99	11.77	0.27	2.05	1.37
Beetroot	3,228	80.18	-	18.75	-	-	1.07
Carrot	174	81.67	-	15	-	-	3.33
Onion	44,451	74.07	1.85	22.04	1.48	-	0.56
Potatoes	29,485	34	-	66	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	4,019	83.21	4.64	11.25	-	-	0.89
Taro / 'Godere'	35,581	93.68	0.66	4.03	0.19	-	1.43
Sweet potatoes	445,609	77.98	0.65	13.79	0.24	5.73	1.61
<b>Permanent crops</b>	512,829	50.62	0.37	43.67	1.15	0.32	3.87
Avocados	78	58.66	0.24	32.32	0.85	-	7.93
Bananas	59,120	59.59	0.29	34.69	0.47	0.97	3.98
Guavas	17	91.11	-	8.89	-	-	-
Lemons	52	40	-	60	-	-	-
Mangoes	16,198	62.81	-	31.89	0.48	0.3	4.52
Oranges	1,362	52.2	-	42.4	0.8	-	4.6
Papayas	8,545	69.62	1.08	24.05	0.38	0.38	4.49
Pineapples	-	-	-	-	-	-	-
Chat	23,255	26.02	-	69.59	0.45	-	3.95
Coffee	301,055	45.38	0.6	48.18	2.35	0.05	3.44
Hops (Gesho)	1,169	25.22	-	74.13	-	-	0.65
Sugar cane	101,979	61.82	-	32.12	0.15	0.76	5.15
<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>	6,723,842	49.48	15.4	33.14	0.92	0.31	0.75
<b>Cereals</b>	5,497,952	57.89	15.27	24.1	1.12	0.54	1.09
Teff	1,685,860	58.45	18.31	20.47	1.55	0.31	0.91
Barley	220,181	56.53	24.06	17	0.4	1.66	0.35
Wheat	656,757	47.67	23.16	26.67	1.08	0.14	1.29
Maize	2,547,540	63.7	4.92	28.15	1.16	0.56	1.52
Sorghum	367,487	57.61	12.03	28.62	1.01	-	0.72
Finger millet	16,524	61.67	6.67	31.67	-	-	-
Oats "Aja"	2,787	48.75	40	11.25	-	-	-
Rice	818	20	20	60	-	-	-
<b>Pulses</b>	402,084	57.74	18.31	22.78	0.72	0.02	0.44
Horse beans white	154,502	61.33	19.37	18.53	0.28	0.05	0.44
Horse beans red	124,280	59.36	18.9	19.82	1.34	-	0.58
Field peas	1,980	80	20	-	-	-	-
Haricot beans	78,383	47.25	13	37.25	2.25	-	0.25
Chick – peas	2,491	61.67	13.33	25	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	10,961	-	15	85	-	-	-
Fenugreek	1,525	61.31	15.61	22.78	-	-	0.3
Masho	27,963	6.15	33.85	57.69	1.54	-	0.77
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	823,806	20.02	12.91	66.26	0.61	-	0.2
Neug	691,209	10.69	14.28	73.63	1.05	-	0.36
Linseed	4,980	32.61	15.87	51.52	-	-	-
Groundnuts	39,473	12.22	15.89	71	0.89	-	-
Safflower	2	26.25	2.5	71.25	-	-	-
Sesame	79,786	3.82	16	80.18	-	-	-
Rapeseed	8,356	43.58	8.41	47.87	0.07	-	0.07
<b>Vegetables</b>	28,173	85.43	0.15	13.91	-	-	0.51
Lettuce	-	-	-	-	-	-	-
Head cabbage	1,511	83.08	-	16.54	-	-	0.38
Ethiopian cabbage	1,402	85.11	-	14.68	-	-	0.21
Tomatoes	15	100	-	-	-	-	-
Green peppers	19,925	85.53	0.22	13.49	-	-	0.77
Red peppers	5,203	87.67	0.17	12.17	-	-	-
Swiss chard	117	77.5	-	22.5	-	-	-
<b>Root Crops</b>	100,369	72.3	10.2	17.1	0.05	-	0.35
Beetroot	4,785	76.38	0.5	22.13	-	-	1
Carrot	444	75.56	-	24.44	-	-	-
Onion	4,411	87.67	0.7	11.4	-	-	0.23
Potatoes	67,902	74.11	13.75	11.79	0.36	-	-
Yam	-	-	-	-	-	-	-
Garlic	20,082	66.37	16.1	17.32	0.04	-	0.17
Taro / 'Godere'	58	100	-	-	-	-	-
Sweet potatoes	2,689	92.67	0.67	5.33	-	-	1.33
<b>Permanent crops</b>	90,330	45.43	0.24	53.45	0.13	-	0.75
Avocados	-	-	-	-	-	-	-
Bananas	1,982	67.24	1.32	29.61	-	-	1.84
Guavas	0	100	-	-	-	-	-
Lemons	657	52.73	-	45.45	-	-	1.82
Mangoes	4,907	68.83	-	27.5	-	-	3.67
Oranges	277	52	-	48	-	-	-
Papayas	1,624	100	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	318	6.79	-	93.21	-	-	-
Coffee	16,710	84.91	0.57	13.02	0.94	-	0.57
Hops (Gesho)	5,379	34.35	-	65.44	-	-	0.21
Sugar cane	58,476	44.17	0.83	53.33	-	-	1.67
<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>	1,453,703	52.21	9.9	10.3	0.51	24.69	2.4
<b>Cereals</b>	1,410,028	54.87	9.68	5.54	0.57	26.87	2.48
Teff	-	-	-	-	-	-	-
Barley	6,557	71	17.67	4.67	-	6.67	-
Wheat	80,584	48.43	19.57	30.57	1.14	-	0.29
Maize	515,943	37.44	5.06	1.96	1.19	52.74	1.61
Sorghum	806,741	61.72	9.38	2.75	0.25	22.44	3.45
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	203	100	-	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	1,896	96.67	3.33	-	-	-	-
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	301	95	5	-	-	-	-
Haricot beans	1,594	100	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	41,779	23	12.57	56.57	-	6	1.86
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	41,731	13.06	14.19	63.87	-	6.77	2.1
Safflower	-	-	-	-	-	-	-
Sesame	48	100	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	11,098	30	0.91	69.09	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	10,809	37.5	-	62.5	-	-	-
Green peppers	289	10	3.33	86.67	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	165,941	30.63	6.25	59.38	-	-	3.75
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	165,941	30.63	6.25	59.38	-	-	3.75
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	130,025	29.02	-	67.28	0.05	-	3.66
Avocados	-	-	-	-	-	-	-
Bananas	39,417	14	-	82	-	-	4
Guavas	77	50	-	45	-	-	5
Lemons	2,731	8.33	-	91.36	-	-	0.3
Mangoes	6,831	25.25	-	69.75	-	-	5
Oranges	28,053	20.24	-	78.2	-	-	1.57
Papayas	31,741	87.5	-	12.5	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	21,176	39.16	-	55	0.11	-	5.74
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	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	38,751	85.53	8.07	0.57	-	0.61	5.22
<b>Cereals</b>	38,699	84.46	8.67	0.62	-	0.65	5.6
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	3,817	86.88	8.44	3.13	-	-	1.56
Sorghum	34,882	83.86	8.72	-	-	0.82	6.6
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	5	100	-	-	-	-	-
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	1	100	-	-	-	-	-
Haricot beans	4	100	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	48	100	-	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	48	100	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	124	23.33	-	76.67	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	119	50	-	50	-	-	-
Green peppers	5	10	-	90	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	149	100	-	-	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	149	100	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	38,401	25.04	-	72.2	-	-	2.75
Avocados	-	-	-	-	-	-	-
Bananas	826	14	-	82	-	-	4
Guavas	0	100	-	-	-	-	-
Lemons	1,108	8.33	-	91.36	-	-	0.3
Mangoes	5,578	20.63	-	75.63	-	-	3.75
Oranges	28,053	20.24	-	78.2	-	-	1.57
Papayas	205	87.5	-	12.5	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	2,631	35.53	-	59.39	-	-	5.09
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.5.2- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Type of Crop	Total Production (Quintal)	Percent Utilized		For		Animal Feed	Others
		Household Consumption	Seed	Sale	Wages In kind		
<b>Grain Crops</b>	1,352,724	42.04	10.46	13.26	0.67	32.04	1.54
<b>Cereals</b>	1,310,692	45.4	10	7.11	0.75	35.26	1.48
Teff	-	-	-	-	-	-	-
Barley	6,557	71	17.67	4.67	-	6.67	-
Wheat	80,584	48.43	19.57	30.57	1.14	-	0.29
Maize	458,738	25.81	4.26	1.69	1.47	65.15	1.62
Sorghum	764,610	50.9	9.7	4.1	0.38	33.01	1.92
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	203	100	-	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	301	90	10	-	-	-	-
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	301	90	10	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	41,731	13.06	14.19	63.87	-	6.77	2.1
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	41,731	13.06	14.19	63.87	-	6.77	2.1
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	9,721	32.5	1.25	66.25	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	9,601	35.71	-	64.29	-	-	-
Green peppers	119	10	10	80	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	160,061	26	6.67	63.33	-	-	4
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	160,061	26	6.67	63.33	-	-	4
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	18,868	43.78	-	49	0.22	-	7
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	77	33.33	-	60	-	-	6.67
Lemons	-	-	-	-	-	-	-
Mangoes	247	43.75	-	46.25	-	-	10
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	18,544	44.61	-	48.42	0.26	-	6.71
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.5.3- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Liben

ALL HOLDINGS

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

TABLE 1.6- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Benshangul-Gumuz							
Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	5,409,168	58.61	10.33	29.06	0.61	0.36	1.03
<b>Cereals</b>	4,269,186	73.06	9.87	14.78	0.61	0.6	1.09
Teff	303,184	59.36	11.66	27.57	0.82	-	0.59
Barley	11,194	57.56	16.67	25.44	-	0.11	0.22
Wheat	48,982	66.94	12.42	19.11	0.16	0.08	1.29
Maize	1,884,816	76.72	8.67	11.97	0.56	0.97	1.12
Sorghum	1,421,725	74.67	10.07	13.42	0.46	0.51	0.86
Finger millet	544,489	71.22	10.44	14.79	1.1	0.22	2.23
Oats "Aja"	441	67.5	5	27.5	-	-	-
Rice	54,355	75.6	15.2	8.4	0.8	-	-
<b>Pulses</b>	427,914	58.5	11.24	29.06	0.5	0.03	0.67
Horse beans white	14,861	65.58	12.34	21.41	-	-	0.67
Horse beans red	10,341	69.12	12.21	18.38	-	-	0.29
Field peas	40,212	78.37	8.67	11.26	0.38	-	1.32
Haricot beans	51,033	75.16	8.88	15.01	0.26	0.07	0.61
Chick – peas	3,706	75.68	5.63	17.63	1.05	-	-
Lentils	227	55.83	4.17	40	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	292,274	10.51	17.96	69.27	1.54	-	0.72
Fenugreek	105	78	7	15	-	-	-
Masho	15,156	36.02	12.5	51.48	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	712,068	24.16	10.83	63.2	0.7	-	1.11
Neug	81,884	15.98	9.34	73.46	0.22	-	1.01
Linseed	2,449	64.7	7.74	27.02	-	-	0.54
Groundnuts	389,809	25.51	12.83	58.72	1.1	-	1.84
Safflower	8,433	18.33	20	59.67	1.33	-	0.67
Sesame	226,617	15.1	11.19	71.86	0.98	-	0.87
Rapeseed	2,877	55.37	7.13	37.49	-	-	-
<b>Vegetables</b>	57,751	70.88	1.95	25.86	0.39	-	0.92
Lettuce	-	-	-	-	-	-	-
Head cabbage	1,571	86.2	-	13.8	-	-	-
Ethiopian cabbage	1,372	76.64	1.03	21.47	-	-	0.86
Tomatoes	442	80.75	0.25	18.75	-	-	0.25
Green peppers	881	88.59	0.43	10.87	-	-	0.11
Red peppers	53,484	63.72	2.75	31.66	0.61	-	1.25
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	209,642	78.23	3.15	18	0.01	0.01	0.59
Beetroot	409	90.67	-	9.33	-	-	-
Carrot	12	88.75	-	11.25	-	-	-
Onion	11,779	58.09	2.82	38.56	0.11	-	0.43
Potatoes	100,094	74.53	9.72	15.75	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	241	50.47	12.4	37	-	-	0.13
Taro / 'Godere'	14,408	93.83	0.64	4.68	-	-	0.85
Sweet potatoes	82,698	85.53	1.05	12.59	-	0.03	0.8
<b>Permanent crops</b>	191,064	57.63	0.14	40.21	0.1	-	1.92
Avocados	-	-	-	-	-	-	-
Bananas	53,128	52.27	0.06	46.05	0.03	-	1.59
Guavas	1,075	79.07	0.12	19.81	-	-	0.99
Lemons	2,795	56.97	0.56	37.25	-	-	5.21
Mangoes	79,512	61.1	-	36.25	0.09	-	2.56
Oranges	2,222	56.34	0.07	41.55	0.07	-	1.97
Papayas	6,497	75.29	0.15	21.84	0.06	-	2.66
Pineapples	-	-	-	-	-	-	-
Chat	14,797	29.1	0.06	70.26	-	-	0.58
Coffee	4,723	63.1	0.52	35.2	0.48	-	0.7
Hops (Geshe)	-	-	-	-	-	-	-
Sugar cane	26,315	38.18	-	59.5	-	-	2.32
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.6.1- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Metekel							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	3,160,935	54.03	11.12	31.52	1.37	0.17	1.78
<b>Cereals</b>	2,353,712	69.23	10.79	16.8	1.28	0.31	1.58
Teff	249,128	60.22	12.63	25.03	1.55	-	0.57
Barley	11,065	51.53	18.75	29.58	-	0.14	-
Wheat	40,897	58.44	15.38	25.88	0.29	-	-
Maize	936,761	74.77	9	12.53	1.31	0.66	1.72
Sorghum	546,605	73.35	9.87	15.21	0.6	0.09	0.88
Finger millet	514,466	67.28	10.61	16.61	1.92	0.11	3.47
Oats "Aja"	436	80	5	15	-	-	-
Rice	54,355	75.6	15.2	8.4	0.8	-	-
<b>Pulses</b>	271,220	54.31	12.53	30.71	1.23	-	1.22
Horse beans white	14,404	62.8	12.68	23.93	-	-	0.59
Horse beans red	10,331	69.69	12.03	18.28	-	-	-
Field peas	27,356	75.7	11.05	8.37	1.16	-	3.72
Haricot beans	30,448	75.77	8.59	13.07	0.6	-	1.97
Chick – peas	1,196	85	8.33	-	6.67	-	-
Lentils	189	55.83	4.17	40	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	187,174	0.57	19.12	76.73	3.45	-	0.14
Fenugreek	104	72.5	8.75	18.75	-	-	-
Masho	19	80	20	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	536,003	19.01	10.82	65.84	1.7	-	2.63
Neug	26,513	8.36	9.9	75.14	1.48	-	5.12
Linseed	1,207	56.82	3.36	35.27	-	-	4.55
Groundnuts	357,715	10.38	14.37	70.22	2.07	-	2.96
Safflower	7,931	23.5	7.5	66	2	-	1
Sesame	139,831	12.74	9.65	72.82	2.28	-	2.5
Rapeseed	2,808	55.93	4.28	39.79	-	-	-
<b>Vegetables</b>	14,727	68.47	3.64	24.94	0.77	-	2.19
Lettuce	-	-	-	-	-	-	-
Head cabbage	47	88.85	-	11.15	-	-	-
Ethiopian cabbage	284	72.35	2.94	21.76	-	-	2.94
Tomatoes	14	100	-	-	-	-	-
Green peppers	142	91.04	0.71	7.89	-	-	0.36
Red peppers	14,242	60.12	4.82	31.17	1.12	-	2.78
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	131,752	68.36	7.67	23.39	-	-	0.58
Beetroot	109	89	-	11	-	-	-
Carrot	9	97.5	-	2.5	-	-	-
Onion	2,204	61.58	5.13	33.29	-	-	-
Potatoes	99,581	72.86	10.51	16.63	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	134	46.84	13.53	39.63	-	-	-
Taro / 'Godere'	3,467	93.33	3.33	3.33	-	-	-
Sweet potatoes	26,249	86.07	2.34	9.24	-	-	2.34
<b>Permanent crops</b>	14,845	72.07	0.31	25.31	0.07	-	2.24
Avocados	-	-	-	-	-	-	-
Bananas	1,683	70.95	-	28.88	-	-	0.17
Guavas	39	87.86	-	7.86	-	-	4.29
Lemons	163	64.75	-	31.25	-	-	4
Mangoes	5,956	79.36	-	17.76	-	-	2.89
Oranges	28	75	-	24.58	-	-	0.42
Papayas	1,304	85.12	0.34	10.25	-	-	4.29
Pineapples	-	-	-	-	-	-	-
Chat	411	29.71	-	70.29	-	-	-
Coffee	1,745	51.98	1.94	45.53	0.51	-	0.04
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	3,517	22.8	-	76.2	-	-	1
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.6.2- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Asosa							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	1,149,233	63.12	10.28	25.81	0.02	0.32	0.46
<b>Cereals</b>	976,096	77.59	9.59	11.85	0.03	0.52	0.42
Teff	45,559	65.73	9.67	24.3	-	-	0.29
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	418,655	81.7	8.2	8.85	0.03	0.81	0.4
Sorghum	496,856	75.83	10.9	12.24	0.03	0.47	0.54
Finger millet	15,026	83.02	10.28	6.6	-	-	0.09
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	85,782	57.29	11.74	30.37	-	-	0.6
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	10,023	83	8	9	-	-	-
Haricot beans	7,371	79.65	8.14	12.21	-	-	-
Chick – peas	2,469	77.53	4.8	17.67	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	63,235	16.04	17.4	64.75	-	-	1.82
Fenugreek	-	-	-	-	-	-	-
Masho	2,684	67.39	14.35	18.26	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	87,355	31.87	11.14	56.52	-	-	0.47
Neug	45,853	14.53	7.84	76.89	-	-	0.74
Linseed	797	68.19	8.75	23.06	-	-	-
Groundnuts	18,108	40.26	11.51	47.53	-	-	0.69
Safflower	268	-	100	-	-	-	-
Sesame	22,313	39.2	12.93	47.87	-	-	-
Rapeseed	17	32.67	67.33	-	-	-	-
<b>Vegetables</b>	30,487	67.14	1.2	30.96	0.53	-	0.17
Lettuce	-	-	-	-	-	-	-
Head cabbage	1,339	86	-	14	-	-	-
Ethiopian cabbage	97	78.89	-	21.11	-	-	-
Tomatoes	232	75.56	-	24.44	-	-	-
Green peppers	137	81.67	1.67	16.67	-	-	-
Red peppers	28,683	63.23	1.39	34.47	0.7	-	0.22
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	35,990	84.02	-	15.65	-	-	0.33
Beetroot	290	90	-	10	-	-	-
Carrot	2	75	-	25	-	-	-
Onion	3,755	64.29	-	35.71	-	-	-
Potatoes	502	93.33	-	6.67	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	0	100	-	-	-	-	-
Taro / 'Godere'	977	100	-	-	-	-	-
Sweet potatoes	30,464	84	-	15.57	-	-	0.43
<b>Permanent crops</b>	133,430	62.61	0.04	35.94	0.07	-	1.33
Avocados	-	-	-	-	-	-	-
Bananas	37,172	51.03	-	47.89	-	-	1.08
Guavas	1,010	78.88	0.17	20.6	-	-	0.34
Lemons	2,537	58.44	0.31	39.38	-	-	1.88
Mangoes	67,835	54.33	-	43.44	0.17	-	2.06
Oranges	1,472	67.56	-	30.13	-	-	2.31
Papayas	2,722	75	-	23.61	0.28	-	1.11
Pineapples	-	-	-	-	-	-	-
Chat	645	40.77	-	59.23	-	-	-
Coffee	1,439	93.38	0.07	6.55	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	18,598	42	-	54	-	-	4
<b>Enset</b>	-	-	-	-	-	-	-



TABLE 1.6.3- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Kemeshi							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	874,524	54.24	10.11	33.4	0.68	0.57	1
<b>Cereals</b>	736,756	67.69	10.05	18.86	0.89	0.98	1.54
Teff	4,104	41.94	11.67	43.89	0.56	-	1.94
Barley	17	100	-	-	-	-	-
Wheat	*	-	-	-	-	-	-
Maize	*	70.01	9.32	16.91	0.64	1.62	1.5
Sorghum	*	70.67	10.29	16.12	1.23	0.4	1.29
Finger millet	*	50.81	13.87	30	0.97	0.81	3.55
Oats "Aja"	*	55	5	40	-	-	-
Rice	*	-	-	-	-	-	-
<b>Pulses</b>	*	59.17	9.61	30.88	0.17	0.05	0.11
Horse beans white	*	100	-	-	-	-	-
Horse beans red	*	50	10	40	-	-	-
Field peas	*	81.84	6.95	10.91	-	-	0.3
Haricot beans	*	78.78	9.73	10.9	0.37	0.11	0.11
Chick – peas	*	-	-	-	-	-	-
Lentils	*	-	-	-	-	-	-
Vetch	*	-	-	-	-	-	-
Soya beans	*	12.22	11.11	76.67	-	-	-
Fenugreek	*	-	-	-	-	-	-
Masho	*	15.81	11.62	72.57	-	-	-
Gibto	*	-	-	-	-	-	-
<b>Oilseeds</b>	*	19.11	10.65	69.21	0.6	-	0.43
Neug	*	37.59	10.69	51.72	-	-	-
Linseed	*	100	-	-	-	-	-
Groundnuts	*	46.15	10.33	43.11	-	-	0.41
Safflower	*	15	7.5	77.5	-	-	-
Sesame	*	6.06	10.85	81.65	0.92	-	0.52
Rapeseed	*	-	-	-	-	-	-
<b>Vegetables</b>	*	76.13	1.13	22.5	-	-	0.24
Lettuce	*	-	-	-	-	-	-
Head cabbage	*	-	-	-	-	-	-
Ethiopian cabbage	*	94	-	6	-	-	-
Tomatoes	*	80	2	16	-	-	2
Green peppers	*	93.08	-	6.92	-	-	-
Red peppers	*	68.29	1.57	29.93	-	-	0.21
Swiss chard	*	-	-	-	-	-	-
<b>Root Crops</b>	*	82.9	0.9	15.3	-	-	0.9
Beetroot	*	-	-	-	-	-	-
Carrot	*	-	-	-	-	-	-
Onion	*	63.16	0.53	35.79	-	-	0.53
Potatoes	*	-	-	-	-	-	-
Yam	*	-	-	-	-	-	-
Garlic	*	75	2.5	20	-	-	2.5
Taro / 'Godere'	*	100	-	-	-	-	-
Sweet potatoes	*	87.53	0.96	10.55	-	-	0.96
<b>Permanent crops</b>	7,855	54.46	0.29	41.19	-	-	4.06
Avocados	-	-	-	-	-	-	-
Bananas	5,719	40.49	-	57.32	-	-	2.2
Guavas	23	64.29	-	35.71	-	-	-
Lemons	30	46.67	3.33	16.67	-	-	33.33
Mangoes	430	58.27	-	38.56	-	-	3.17
Oranges	51	57	1	34	-	-	8
Papayas	940	67.06	-	31.76	-	-	1.18
Pineapples	-	-	-	-	-	-	-
Chat	114	100	-	-	-	-	-
Coffee	5	90	3.33	3.33	-	-	3.33
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	542	35	-	65	-	-	-
<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		Animal Feed	Others
		Household Consumption	Seed	Sale	Wages In kind		
<b>Grain Crops</b>	224,476	64.82	9.41	24.7	0.06	0.47	0.55
<b>Cereals</b>	202,622	78.18	8.75	11.54	0.06	0.73	0.73
Teff	4,393	58.13	11.98	29.69	-	-	0.21
Barley	112	79.38	9.38	10	-	-	1.25
Wheat	8,082	77.25	8.82	10.89	-	0.18	2.86
Maize	105,378	80.82	8.06	9.51	0.07	0.87	0.68
Sorghum	77,622	78.13	8.96	11.13	0.1	0.9	0.79
Finger millet	7,036	80.52	8.78	10.06	-	0.38	0.25
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	8,975	67.7	10.26	21.6	-	0.1	0.34
Horse beans white	454	82.86	11.43	4.29	-	-	1.43
Horse beans red	2	70	20	-	-	-	10
Field peas	1,179	65.71	8.21	26.07	-	-	-
Haricot beans	6,608	69.84	8.66	21.18	-	0.14	0.18
Chick – peas	41	20	10	70	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	677	49	31	19	-	-	1
Fenugreek	1	100	-	-	-	-	-
Masho	13	30	6.67	63.33	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	12,879	28.23	10.67	60.84	0.07	-	0.18
Neug	8,403	15	10.38	74.42	0.08	-	0.12
Linseed	444	63.44	8.23	28.33	-	-	-
Groundnuts	1,436	38.02	11.86	49.07	0.23	-	0.81
Safflower	0	10	10	80	-	-	-
Sesame	2,545	17.31	12.98	69.71	-	-	-
Rapeseed	52	66.67	5	28.33	-	-	-
<b>Vegetables</b>	3,074	74.34	0.94	24.3	-	-	0.42
Lettuce	-	-	-	-	-	-	-
Head cabbage	186	81.43	-	18.57	-	-	-
Ethiopian cabbage	634	75.37	0.37	24.26	-	-	-
Tomatoes	187	77.5	-	22.5	-	-	-
Green peppers	337	84.81	-	15.19	-	-	-
Red peppers	1,730	67.5	2.02	29.52	-	-	0.97
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	29,242	83.49	0.99	14.88	0.04	0.04	0.56
Beetroot	10	100	-	-	-	-	-
Carrot	2	85	-	15	-	-	-
Onion	4,298	49	2	47.67	0.33	-	1
Potatoes	12	100	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	28	100	-	-	-	-	-
Taro / 'Godere'	9,652	93.16	0.51	5.32	-	-	1.01
Sweet potatoes	15,241	85	1.09	13.61	-	0.08	0.23
<b>Permanent crops</b>	34,935	43.97	0.07	54.01	0.18	-	1.77
Avocados	-	-	-	-	-	-	-
Bananas	8,555	48.15	0.16	49.11	0.08	-	2.5
Guavas	3	75	-	25	-	-	-
Lemons	65	46.15	0.77	50.77	-	-	2.31
Mangoes	5,291	50.05	-	47.1	0.11	-	2.74
Oranges	671	48.09	-	50.49	0.12	-	1.3
Papayas	1,531	62.39	-	35.8	-	-	1.82
Pineapples	-	-	-	-	-	-	-
Chat	13,627	25.66	0.08	73.46	-	-	0.8
Coffee	1,534	43.74	-	53.85	0.86	-	1.55
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	3,658	42.5	-	57.5	-	-	-
<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>	25,134,238	59.73	12.2	25.4	0.56	0.8	1.31
<b>Cereals</b>	21,375,643	58.36	12.03	26.33	0.62	1.16	1.51
Teff	3,412,548	37.35	14.36	45.98	0.81	0.17	1.33
Barley	1,515,065	56.52	16.28	24.38	0.59	0.8	1.44
Wheat	3,287,592	47.69	15.55	33.77	0.85	0.12	2.03
Maize	10,857,256	73.95	6.8	14.17	0.53	2.78	1.77
Sorghum	2,168,942	75.38	10.02	11.84	0.36	1.44	0.96
Finger millet	56,469	80.39	8.7	10.35	0.09	-	0.47
Oats "Aja"	3,686	52.08	20.42	26.67	-	-	0.83
Rice	74,086	40.83	8.94	48.71	0.23	-	1.29
<b>Pulses</b>	3,712,787	62.57	12.4	23.41	0.47	0.18	0.98
Horse beans white	1,236,908	60.2	13.27	24.66	0.55	0.08	1.23
Horse beans red	719,991	53.47	14.49	29.7	0.91	0.17	1.26
Field peas	72,147	73.1	10.33	16.15	0.06	-	0.35
Haricot beans	1,468,672	68.95	11.08	18.78	0.21	0.26	0.72
Chick – peas	183,823	55.03	9.75	33.58	0.33	0.47	0.84
Lentils	5,318	44	18	35.73	1.09	-	1.18
Vetch	14,506	32.5	12.5	54.72	0.28	-	-
Soya beans	2,684	91.54	3.85	4.62	-	-	-
Fenugreek	4,016	53.51	13.19	33.3	-	-	-
Masho	4,723	43.24	6.94	40.59	5.29	-	3.94
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	45,807	54.18	14.37	30.52	0.06	0.06	0.8
Neug	6,763	16.94	13.06	69.72	-	-	0.28
Linseed	7,372	57.84	14.2	26.79	0.16	-	1.02
Groundnuts	8,795	31.21	12.07	56.72	-	-	-
Safflower	2,393	70.63	15.21	14.17	-	-	-
Sesame	3,868	56.25	2.5	41.25	-	-	-
Rapeseed	16,617	58.18	15.52	25.1	-	0.17	1.03
<b>Vegetables</b>	3,314,282	74.25	0.61	23.16	0.32	0.1	1.56
Lettuce	-	-	-	-	-	-	-
Head cabbage	96,472	59.24	-	39.06	0.48	-	1.22
Ethiopian cabbage	2,469,022	80.92	0.51	16.31	0.33	0.14	1.79
Tomatoes	10,526	68.99	0.31	30.09	0.03	-	0.59
Green peppers	142,837	71.76	0.51	26.31	0.09	-	1.33
Red peppers	595,425	39.83	1.58	57.34	0.54	-	0.71
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	26,787,274	74.37	7.77	15.2	0.25	1.6	0.81
Beetroot	55,516	73.69	0.48	25.42	-	-	0.42
Carrot	12,892	63.4	0.85	34.34	0.09	0.47	0.85
Onion	173,674	51.04	4.38	43.47	0.15	-	0.95
Potatoes	1,816,761	60.31	19.61	19.1	0.29	0.12	0.57
Yam	5,096,434	77.83	8.1	13.09	0.13	0.06	0.79
Garlic	93,840	47.29	13.32	38.55	0.03	-	0.82
Taro / 'Godere'	11,089,562	78.99	9.54	9.31	0.35	1.04	0.77
Sweet potatoes	8,448,593	79.15	0.89	13.9	0.18	4.86	1.03
<b>Permanent crops</b>	16,560,525	55.12	0.48	40.98	0.49	1.32	1.61
Avocados	446,307	54.27	0.28	43.43	0.23	0.34	1.44
Bananas	4,273,714	48.08	0.39	49.13	0.26	0.96	1.17
Guavas	3,299	66.07	0.27	30.17	0.13	0.27	3.09
Lemons	14,128	50.43	0.59	45.86	0.15	0.18	2.79
Mangoes	497,482	59.89	0.23	37.3	0.35	0.03	2.19
Oranges	80,796	65.41	0.34	31.71	0.39	0.03	2.13
Papayas	283,797	78.13	0.18	19.64	0.22	0.08	1.75
Pineapples	12,745	47.62	-	52.13	-	-	0.24
Chat	649,682	18.58	0.52	78.64	0.52	0.09	1.65
Coffee	1,483,433	44.54	0.59	53.03	0.37	0.04	1.44
Hops (Gesho)	2,067	30.22	0.4	68.39	0.02	0.03	0.93
Sugar cane	8,813,075	48.28	1.19	40.3	0.39	8.02	1.82
<b>Enset</b>	42,165,476	80.81	0.43	13.22	1.07	2.61	1.86

TABLE 1.7.1- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	2,935,751	63.78	8.27	25.33	0.57	0.57	1.49
<b>Cereals</b>	2,634,954	61.88	7.98	27	0.74	0.64	1.77
Teff	420,406	34.5	8.24	55.46	0.88	0.38	0.53
Barley	286,259	66.89	12.8	17.97	0.41	0.78	1.15
Wheat	591,120	55.28	9.23	31.34	0.89	0.25	3.01
Maize	1,266,728	77.98	3.23	14.45	0.9	1	2.45
Sorghum	70,321	75.53	8.42	15	0.26	0.53	0.26
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	120	80	20	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	292,957	70.44	8.49	19.56	0.26	0.5	0.75
Horse beans white	85,114	76.96	9.97	11.66	0.3	0.47	0.64
Horse beans red	69,419	64.9	8.37	24.9	-	1.43	0.41
Field peas	2,868	88.86	2.95	7.73	-	-	0.45
Haricot beans	11,465	80.3	4.89	13.74	-	-	1.06
Chick – peas	115,685	25.96	9.62	60.96	1.15	0.38	1.92
Lentils	1,354	100	-	-	-	-	-
Vetch	6,913	20	15.63	63.75	0.63	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	141	40	10	50	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	7,840	43.82	11.45	42.24	-	-	2.5
Neug	6,419	7	9	83.67	-	-	0.33
Linseed	348	61.67	35	-	-	-	3.33
Groundnuts	-	-	-	-	-	-	-
Safflower	81	75	25	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	992	68.06	8.06	19.44	-	-	4.44
<b>Vegetables</b>	277,764	78.03	0.52	19.59	0.55	-	1.31
Lettuce	-	-	-	-	-	-	-
Head cabbage	16,720	81.67	-	17.08	-	-	1.25
Ethiopian cabbage	131,954	83.52	0.08	14.41	0.53	-	1.45
Tomatoes	1,070	46	-	54	-	-	-
Green peppers	148	85.43	1.3	12.61	-	-	0.65
Red peppers	127,872	31.61	3.87	61.94	1.61	-	0.97
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	258,854	72	5.75	21.07	0.17	-	1.01
Beetroot	2,879	81.5	-	18.5	-	-	-
Carrot	582	96.05	-	3.95	-	-	-
Onion	17,458	57.74	2.26	39.52	-	-	0.48
Potatoes	32,775	56.15	16.92	26.92	-	-	-
Yam	7,092	99.05	0.48	-	-	-	0.48
Garlic	32,813	23.24	11.55	62.95	-	-	2.26
Taro / 'Godere'	163,991	86.63	5.83	5.96	0.38	-	1.2
Sweet potatoes	1,264	100	-	-	-	-	-
<b>Permanent crops</b>	355,951	67.93	0.33	28.42	0.73	0.59	1.98
Avocados	20,822	74.99	-	21.91	0.18	0.46	2.45
Bananas	38,462	69.8	-	28.4	0.13	0.13	1.53
Guavas	115	46.25	-	52.92	-	-	0.83
Lemons	461	29.23	-	67.59	-	-	3.18
Mangoes	16,085	66.96	-	31.18	0.39	-	1.47
Oranges	19,610	64.3	0.33	32.09	-	-	3.28
Papayas	7,239	78.16	-	20.13	-	-	1.71
Pineapples	-	-	-	-	-	-	-
Chat	74,332	23.55	0.63	72.35	1.61	-	1.86
Coffee	8,367	82.18	0.5	14.8	0.76	0.04	1.73
Hops (Gesho)	202	41.08	0.9	55.5	-	0.18	2.34
Sugar cane	170,255	62.9	2.26	31.77	0.16	1.77	1.13
<b>Enset</b>	2,493,911	89.35	0.05	5.74	1.21	1.81	1.84

TABLE 1.7.2- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	2,871,543	59.8	10.91	26.64	0.19	0.86	1.59
<b>Cereals</b>	2,599,642	58.02	11.11	27.86	0.21	1.07	1.73
Teff	570,200	35.54	11.24	51.11	0.27	0.76	1.09
Barley	170,877	63.97	12.59	20.74	0.11	0.09	2.5
Wheat	1,028,947	49.72	15.21	31.8	0.23	0.01	3.02
Maize	725,003	82.78	5.42	7.61	0.16	2.94	1.08
Sorghum	100,130	81.81	8.53	6.27	0.22	2.5	0.67
Finger millet	4,485	48.33	11.67	38.33	-	-	1.67
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	262,778	65.9	10.56	22.18	0.11	0.19	1.05
Horse beans white	169,470	60	9.75	28.82	-	-	1.43
Horse beans red	48,896	72.5	7.76	19.61	-	-	0.13
Field peas	710	64	6	28	-	-	2
Haricot beans	41,330	73.32	12.55	12.28	0.33	0.54	0.98
Chick - peas	241	50	50	-	-	-	-
Lentils	231	80	20	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	*	-	-	-	-	-	-
Fenugreek	1,895	7.5	6.25	86.25	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	9,123	63	6.5	28.5	-	-	2
Neug	-	-	-	-	-	-	-
Linseed	1,109	40.83	7.5	48.33	-	-	3.33
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	8,013	72.5	6.07	20	-	-	1.43
<b>Vegetables</b>	373,990	76.08	0.87	19.64	0.29	0.34	2.78
Lettuce	-	-	-	-	-	-	-
Head cabbage	3,076	76.3	-	18.48	0.43	-	4.78
Ethiopian cabbage	349,201	77.85	0.62	17.76	0.36	0.45	2.96
Tomatoes	1,665	68.17	-	30	-	-	1.83
Green peppers	6,740	83.5	0.95	13.17	-	-	2.38
Red peppers	13,308	54.87	4.74	39.61	-	-	0.79
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	1,036,937	78.64	11.49	9.03	0.15	0.03	0.65
Beetroot	6,724	94.5	-	4.94	-	-	0.56
Carrot	543	73.95	4.74	18.16	0.53	0.53	2.11
Onion	710	95.6	-	3.2	-	-	1.2
Potatoes	289,040	50.54	33.93	15.45	-	-	0.09
Yam	41,042	85	11.52	1.52	0.43	-	1.52
Garlic	196	50	27.5	22.5	-	-	-
Taro / 'Godere'	652,624	80.76	9.87	8.66	0.24	-	0.47
Sweet potatoes	46,057	83.75	6.56	9.06	-	-	0.63
<b>Permanent crops</b>	2,063,322	62.88	0.77	31.55	0.38	2.07	2.35
Avocados	20,238	72.81	0.06	23.9	0.13	0.29	2.81
Bananas	383,518	57.94	0.05	36	0.42	3.52	2.06
Guavas	26	80	-	10	-	-	10
Lemons	37	100	-	-	-	-	-
Mangoes	10,556	68.13	0.73	29.51	-	-	1.64
Oranges	926	67.78	-	27.78	1.11	-	3.33
Papayas	2,578	74.19	-	22	0.48	-	3.33
Pineapples	-	-	-	-	-	-	-
Chat	11,944	23.98	1.02	71.73	0.36	-	2.91
Coffee	33,435	62.37	1.6	33.82	0.24	-	1.98
Hops (Gesho)	37	21.91	-	77.79	-	-	0.29
Sugar cane	1,600,027	41.51	3.08	44.83	0.29	7.73	2.56
<b>Enset</b>	1,738,467	79.43	0.41	13.5	0.66	3.45	2.56

TABLE 1.7.3- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Kembata Tembaro

Type of Crop	Total Production (Quintal)	Percent Utilized		For		Animal Feed	Others
		Household Consumption	Seed	Sale	Wages In kind		
<b>Grain Crops</b>	788,739	62.71	11.52	22.5	0.57	0.65	2.05
<b>Cereals</b>	705,806	59.05	11.73	25.5	0.58	0.84	2.3
Teff	159,933	46.29	11.1	39.57	0.72	-	2.31
Barley	38,004	60.31	14.29	21.65	0.79	0.87	2.09
Wheat	352,938	53.03	15	28.42	0.48	0.31	2.76
Maize	107,055	86.95	0.98	-	-	10.37	1.71
Sorghum	45,321	91.37	5.49	0.59	0.49	0.49	1.57
Finger millet	2,322	92	8	-	-	-	-
Oats "Aja"	233	80	10	-	-	-	10
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	82,327	71.7	10.73	15.33	0.56	0.19	1.48
Horse beans white	57,645	71.77	7.54	18.29	0.61	-	1.8
Horse beans red	13,148	69.64	8.09	19.64	0.09	-	2.55
Field peas	-	-	-	-	-	-	-
Haricot beans	9,907	74.06	19.06	5.19	0.81	0.75	0.13
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	*	-	-	-	-	-	-
Soya beans	*	-	-	-	-	-	-
Fenugreek	50	50	25	25	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	606	68.33	21.67	10	-	-	-
Neug	3	-	100	-	-	-	-
Linseed	279	47.5	17.5	35	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	324	86.67	10	3.33	-	-	-
<b>Vegetables</b>	125,676	74.59	0.6	21.9	0.42	0.02	2.46
Lettuce	-	-	-	-	-	-	-
Head cabbage	34,023	28.44	-	70.94	0.31	-	0.31
Ethiopian cabbage	84,924	80.72	0.49	15.13	0.51	0.03	3.12
Tomatoes	1,977	66.4	-	33.2	0.2	-	0.2
Green peppers	1,657	82.58	0.32	16.77	-	-	0.32
Red peppers	3,095	30.88	5.29	63.82	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	1,133,595	63.14	17.98	16.18	0.51	1.27	0.91
Beetroot	14,768	61.83	0.67	36.33	-	-	1.17
Carrot	6,291	18.42	-	78.95	-	2.11	0.53
Onion	1,835	78.57	12.14	7.14	-	-	2.14
Potatoes	463,682	41.86	31.86	24.53	0.51	0.14	1.11
Yam	20,098	90.56	6.67	0.56	0.56	1.67	-
Garlic	3,037	40	25	33.89	-	-	1.11
Taro / 'Godere'	487,403	70.7	19.93	6.5	0.76	1.14	0.98
Sweet potatoes	136,482	87.83	2.12	5.43	0.38	3.91	0.33
<b>Permanent crops</b>	357,952	66.1	0.75	29.22	0.74	1.7	1.49
Avocados	9,238	70.6	0.35	26.63	0.55	0.61	1.27
Bananas	158,578	63.58	0.41	34.05	0.55	0.79	0.62
Guavas	13	100	-	-	-	-	-
Lemons	76	46.11	-	51.67	0.56	1.11	0.56
Mangoes	20,752	69.5	0.06	29.5	0.44	0.25	0.25
Oranges	691	82.08	-	17.92	-	-	-
Papayas	3,259	89.12	-	10	0.29	-	0.59
Pineapples	5	100	-	-	-	-	-
Chat	3,290	3.48	-	94.85	-	-	1.67
Coffee	12,285	65.25	0.84	32.39	0.29	0.04	1.19
Hops (Gesho)	38	6.57	-	93.43	-	-	-
Sugar cane	149,726	47.59	3.56	34.32	0.52	13.46	0.56
<b>Enset</b>	55,324	82.51	0.86	9.55	1.64	2.32	3.13

TABLE 1.7.4- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Sidama							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	1,861,764	61.38	7.39	28.97	0.31	0.19	1.75
<b>Cereals</b>	1,494,698	62.05	7.33	27.44	0.38	0.45	2.36
Teff	122,465	30.56	8.89	58.89	1.67	-	-
Barley	212,061	39.56	11.4	46.05	-	0.26	2.72
Wheat	18,025	47.22	11.11	39.44	-	-	2.22
Maize	1,137,385	75.45	5.21	15.77	0.5	0.62	2.45
Sorghum	4,258	100	-	-	-	-	-
Finger millet	365	95	5	-	-	-	-
Oats "Aja"	139	30	-	70	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	362,511	61.47	7.51	29.43	0.26	-	1.32
Horse beans white	122,427	42.46	12.32	42.68	0.42	-	2.11
Horse beans red	22,148	42.86	15	38.57	-	-	3.57
Field peas	2,546	75	-	20	5	-	-
Haricot beans	212,778	70.83	5.09	23.07	0.17	-	0.83
Chick – peas	1,871	30	10	57.5	-	-	2.5
Lentils	*	-	-	-	-	-	-
Vetch	*	-	-	-	-	-	-
Soya beans	*	100	-	-	-	-	-
Fenugreek	*	40	-	60	-	-	-
Masho	*	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	4,555	30	4	66	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	2,071	36.67	6.67	56.67	-	-	-
Groundnuts	2,484	20	-	80	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	772,251	73.35	0.03	23.53	0.17	0.01	2.91
Lettuce	-	-	-	-	-	-	-
Head cabbage	2,274	27.5	-	70	-	-	2.5
Ethiopian cabbage	681,720	78.3	-	18.71	0.17	0.02	2.81
Tomatoes	512	40	-	45	-	-	15
Green peppers	72,475	56.82	0.11	39.89	0.11	-	3.07
Red peppers	15,270	21.25	0.42	73.75	0.42	-	4.17
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	2,043,885	64.23	2.82	30.21	0.2	0.11	2.45
Beetroot	2,610	43.33	-	56.67	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	269,774	41	7.5	51.5	-	-	-
Yam	908,507	72.13	5.74	18.83	-	-	3.3
Garlic	2,978	21.67	16.67	59.44	-	-	2.22
Taro / 'Godere'	103,909	89.13	0.25	8	-	-	2.63
Sweet potatoes	756,107	60.07	0.59	36.15	0.41	0.23	2.55
<b>Permanent crops</b>	5,405,541	41.65	0.41	54.42	0.74	0.78	1.99
Avocados	97,336	29.76	0.36	67.28	0.04	-	2.55
Bananas	797,166	26.7	1.05	69.83	0.14	0.1	2.18
Guavas	1,701	59.64	-	34.64	-	-	5.71
Lemons	397	100	-	-	-	-	-
Mangoes	4,469	50	-	48.57	-	-	1.43
Oranges	2,371	80	-	20	-	-	-
Papayas	12,288	23.89	-	74.44	-	-	1.67
Pineapples	9,279	15	-	85	-	-	-
Chat	410,544	3.14	-	95.89	0.48	-	0.5
Coffee	504,335	28.45	0.99	68.2	0.44	0.09	1.83
Hops (Gesho)	71	-	-	100	-	-	-
Sugar cane	3,565,586	13.64	0.16	73.75	1.2	9.73	1.52
<b>Enset</b>	23,697,822	79.98	0.03	15.15	1.43	0.79	2.62

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>	247,998	59.05	11.39	27.29	0.19	0.28	1.81
<b>Cereals</b>	210,458	60.22	10.04	27.14	0.22	0.43	1.96
Teff	7,934	26.67	23.33	50	-	-	-
Barley	41,644	52.82	16.15	26.92	0.26	1.54	2.31
Wheat	5,978	63.33	16.67	20	-	-	-
Maize	154,558	64.72	6.46	26.57	0.22	-	2.02
Sorghum	301	30	10	60	-	-	-
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	*	-	-	-	-	-	-
Rice	*	-	-	-	-	-	-
<b>Pulses</b>	*	59.72	13.61	25.07	0.14	-	1.46
Horse beans white	*	54.1	13.85	30.77	-	-	1.28
Horse beans red	*	65	10	21.67	1.67	-	1.67
Field peas	*	65	5	29.38	-	-	0.63
Haricot beans	*	71.88	13.75	11.88	-	-	2.5
Chick – peas	*	50	-	50	-	-	-
Lentils	*	50	50	-	-	-	-
Vetch	*	-	-	-	-	-	-
Soya beans	*	-	-	-	-	-	-
Fenugreek	24	30	70	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	309	24.17	15.83	57.5	-	-	2.5
Neug	-	-	-	-	-	-	-
Linseed	231	20	40	35	-	-	5
Groundnuts	-	-	-	-	-	-	-
Safflower	8	5	5	90	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	69	33.33	3.33	61.67	-	-	1.67
<b>Vegetables</b>	192,203	74.28	0.81	24.08	0.09	-	0.74
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	185,815	77.77	0.99	20.46	0.11	-	0.67
Tomatoes	18	81.67	-	18.33	-	-	-
Green peppers	6,341	56.53	-	42.22	-	-	1.25
Red peppers	29	20	-	80	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	354,279	75.25	1.01	21.66	0.06	-	2.02
Beetroot	2,376	60.42	2.08	37.5	-	-	-
Carrot	656	45	-	53.57	-	-	1.43
Onion	3,932	36.67	-	63.33	-	-	-
Potatoes	2,102	86.67	-	6.67	3.33	-	3.33
Yam	135,794	74.85	1.82	21.52	-	-	1.82
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	161,529	80.77	0.72	16.68	-	-	1.83
Sweet potatoes	47,891	69.69	1.25	23.44	-	-	5.63
<b>Permanent crops</b>	604,033	44.85	0.5	52	0.5	0.27	1.89
Avocados	30,904	34.47	0.1	63.01	0.1	-	2.33
Bananas	70,233	32.53	0.95	63.8	0.19	0.51	2.03
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	20,293	17.78	-	79.44	0.83	-	1.94
Oranges	-	-	-	-	-	-	-
Papayas	62	100	-	-	-	-	-
Pineapples	181	7.5	-	92.5	-	-	-
Chat	8,707	22.73	-	77.27	-	-	-
Coffee	241,210	20.4	0.95	76.27	0.35	-	2.03
Hops (Gesho)	4	2.86	2.86	94.29	-	-	-
Sugar cane	232,440	33.18	0.61	65.61	-	-	0.61
<b>Enset</b>	7,608,123	76.78	0.07	19.88	0.87	0.59	1.81



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>	1,352,691	53.55	10.56	32	0.38	3.03	0.48
<b>Cereals</b>	852,611	41.56	10.17	40.98	0.58	6.26	0.45
Teff	338,756	21.23	10.54	67.19	0.68	0.07	0.29
Barley	4,140	45.38	19.23	25.38	3.08	6.15	0.77
Wheat	70,617	50.14	13.19	35	0.28	0.14	1.25
Maize	419,832	61.57	5.2	10.05	0.24	22.35	0.58
Sorghum	18,504	73.39	13.13	9.38	0.45	3.48	0.18
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	762	25	32.5	42.5	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	499,763	62.83	10.95	24.99	0.22	0.5	0.5
Horse beans white	12,825	71.96	10.18	17.14	-	0.36	0.36
Horse beans red	23,171	61.41	10.7	27.34	0.16	-	0.39
Field peas	-	-	-	-	-	-	-
Haricot beans	431,761	60.97	11.79	25.91	0.24	0.51	0.58
Chick – peas	31,439	67.61	5.75	24.59	0.45	1.36	0.23
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	567	100	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	318	80	-	20	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	6	100	-	-	-	-	-
Groundnuts	84	100	-	-	-	-	-
Safflower	31	20	-	80	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	197	100	-	-	-	-	-
<b>Vegetables</b>	144,737	74.4	0.03	23.24	0.24	0.61	1.48
Lettuce	-	-	-	-	-	-	-
Head cabbage	11,423	59.07	-	40.79	-	-	0.14
Ethiopian cabbage	95,004	86.01	-	10.86	0.32	1.01	1.81
Tomatoes	305	52	-	48	-	-	-
Green peppers	9,268	71.81	-	26.91	-	-	1.28
Red peppers	28,737	42.25	0.2	56.27	0.29	-	0.98
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	9,391,870	74.35	9.93	10.21	0.15	4.57	0.79
Beetroot	9,988	45	4.67	50.33	-	-	-
Carrot	2,075	55	-	43.33	-	-	1.67
Onion	476	43.33	-	56.67	-	-	-
Potatoes	241,907	58.51	18.81	20.67	-	0.67	1.34
Yam	1,091,071	70.77	15.81	13	0.08	-	0.35
Garlic	6	100	-	-	-	-	-
Taro / 'Godere'	3,221,073	71.3	16.59	9.36	0.22	1.87	0.66
Sweet potatoes	4,825,275	82.54	0.68	6.12	0.14	9.54	0.98
<b>Permanent crops</b>	1,985,515	45.03	0.55	49.45	0.4	2.9	1.67
Avocados	68,289	40.95	0.42	56.59	0.16	0.66	1.22
Bananas	493,358	36.62	0.32	61.87	0.18	0.15	0.85
Guavas	980	72.5	-	23.21	0.71	-	3.57
Lemons	2,795	23.93	-	73.57	0.71	-	1.79
Mangoes	223,533	38.83	0.39	57.98	0.22	0.02	2.55
Oranges	6,163	46.31	-	51.97	0.52	-	1.21
Papayas	7,920	73.65	-	26.15	-	-	0.21
Pineapples	983	25.63	-	74.38	-	-	-
Chat	1,696	10	-	90	-	-	-
Coffee	55,733	34.37	0.46	62.39	0.47	0.04	2.28
Hops (Gesho)	50	26.03	0.34	70.86	-	-	2.76
Sugar cane	1,124,015	32.93	0.56	36.5	0.47	26.95	2.59
<b>Enset</b>	928,514	82.88	1.36	9.23	0.97	4.22	1.34

TABLE 1.7.7- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

South Omo							
Type of Crop	Total Production (Quintal)	Percent		Utilized Sale	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	1,119,574	59.62	14.97	23.59	0.28	0.14	1.39
<b>Cereals</b>	1,018,335	60.68	14.53	23.08	0.2	0.23	1.29
Teff	35,877	58.46	18.08	21.92	-	-	1.54
Barley	45,570	46.94	16.13	33.44	0.5	0.63	2.38
Wheat	59,006	48.1	17.98	33.21	-	-	0.71
Maize	539,733	67.61	10.5	20.64	0.21	0.21	0.82
Sorghum	336,866	68.83	17.86	12.01	-	-	1.3
Finger millet	1,284	90	10	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	93,760	58.5	15.13	24.16	0.48	-	1.73
Horse beans white	23,790	54.5	15.36	26.36	1	-	2.79
Horse beans red	13,980	53.29	16.1	28.54	0.37	-	1.71
Field peas	3,043	58.57	18.57	22.86	-	-	-
Haricot beans	51,253	64.93	14.54	20.07	0.13	-	0.33
Chick – peas	-	-	-	-	-	-	-
Lentils	157	30	10	60	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	1,538	75	-	-	-	-	25
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	7,478	54.5	19.17	25.83	-	-	0.5
Neug	295	-	-	-	-	-	-
Linseed	329	51	12	35.5	-	-	1.5
Groundnuts	1,383	19.17	45.83	35	-	-	-
Safflower	1,627	75.38	13.85	10.77	-	-	-
Sesame	3,844	30	-	70	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	58,785	68.61	0.17	30.3	0.17	-	0.74
Lettuce	-	-	-	-	-	-	-
Head cabbage	325	13.33	-	83.33	-	-	3.33
Ethiopian cabbage	56,057	71.79	0.22	27.34	0.22	-	0.43
Tomatoes	84	65.56	-	34.44	-	-	-
Green peppers	2,268	57	-	41	-	-	2
Red peppers	52	85	-	-	-	-	15
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	674,602	75.63	1.98	21.19	0.15	0.39	0.65
Beetroot	1,261	26.43	-	73.57	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	54,321	42.17	0.54	55.43	0.65	-	1.2
Potatoes	14,809	75.56	16.67	7.78	-	-	-
Yam	231,620	76.43	1.96	21.61	-	-	-
Garlic	9,291	49	7.67	43.33	-	-	-
Taro / 'Godere'	275,097	86.37	1.97	10.3	0.13	0.7	0.53
Sweet potatoes	88,203	85.22	-	13.38	-	0.29	1.1
<b>Permanent crops</b>	424,177	46.3	0.27	51.5	0.16	0.87	0.9
Avocados	10,642	59.06	-	40.33	-	-	0.61
Bananas	162,631	51.4	0.13	43.8	-	4.13	0.53
Guavas	6	100	-	-	-	-	-
Lemons	184	63.57	-	27.86	-	-	8.57
Mangoes	33,716	71.22	-	25.61	-	-	3.16
Oranges	211	60	-	40	-	-	-
Papayas	29,979	81.48	-	17.54	-	0.66	0.33
Pineapples	493	71.43	-	28.57	-	-	-
Chat	2,747	-	-	100	-	-	-
Coffee	31,763	26.29	0.52	72.17	0.55	-	0.47
Hops (Gesho)	25	12.94	-	87.06	-	-	-
Sugar cane	151,782	42.58	1.29	54.84	0.16	0.16	0.97
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.7.8- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Shaka							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	431,641	74.91	9.99	13.82	0.84	0.07	0.37
<b>Cereals</b>	392,443	76.43	8.67	12.98	1.26	0.11	0.55
Teff	8,908	52.27	25.45	22.27	-	-	-
Barley	4,255	56.36	15.45	27.27	-	-	0.91
Wheat	227	50	50	-	-	-	-
Maize	125,420	86.94	1.85	7.65	2.94	0.15	0.47
Sorghum	215,560	81.96	7.33	8.58	1.35	0.14	0.64
Finger millet	157	100	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	37,917	56.43	6.43	36.67	-	-	0.48
<b>Pulses</b>	38,885	71.46	12.78	15.76	-	-	-
Horse beans white	12,821	59.7	21.09	19.22	-	-	-
Horse beans red	23,490	43.77	22	34.23	-	-	-
Field peas	*	-	-	-	-	-	-
Haricot beans	2,545	88.67	5.47	5.86	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	313	95	5	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	307	100	-	-	-	-	-
Safflower	6	90	10	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	36,646	80.97	1.74	16.6	-	-	0.69
Lettuce	-	-	-	-	-	-	-
Head cabbage	1,165	20	-	80	-	-	-
Ethiopian cabbage	22,996	85.51	2.8	10.61	-	-	1.07
Tomatoes	3,477	58.16	-	41.84	-	-	-
Green peppers	6,036	73.51	-	26.37	-	-	0.12
Red peppers	2,972	100	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	257,121	82.04	6	10.2	0.69	-	1.06
Beetroot	2,161	54	-	46	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	3,020	51.54	12.5	35.96	-	-	-
Potatoes	6,376	51	6	43	-	-	-
Yam	68,370	92.98	4.34	1.46	1.22	-	-
Garlic	2,084	64.02	13.37	22.37	-	-	0.23
Taro / 'Godere'	173,925	89.56	3.98	3.72	0.93	-	1.81
Sweet potatoes	1,187	93.18	2.27	4.55	-	-	-
<b>Permanent crops</b>	472,321	59.83	0.22	37.02	0.47	1.6	0.86
Avocados	62,081	54.02	-	45.17	-	-	0.81
Bananas	57,189	52.89	-	46.06	-	-	1.06
Guavas	17	100	-	-	-	-	-
Lemons	851	88.75	-	11.25	-	-	-
Mangoes	14,257	73.29	-	25.36	-	-	1.35
Oranges	15,768	86.11	-	13.44	-	-	0.44
Papayas	36,143	91.97	-	6.54	-	-	1.5
Pineapples	61	100	-	-	-	-	-
Chat	6,193	34.69	-	64.54	0.26	-	0.51
Coffee	181,906	31.87	-	66.91	0.86	-	0.36
Hops (Gesho)	34	46.18	-	53.68	-	-	0.13
Sugar cane	97,821	60.64	1.57	19.52	-	17.17	1.11
<b>Enset</b>	1,098,539	84.27	0.76	9.62	1.74	2.47	1.13

TABLE 1.7.9- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Kaffa							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	2,714,363	53.63	14.91	29.55	0.74	0.12	1.05
<b>Cereals</b>	1,974,459	49.58	14.83	33.55	0.83	0.21	0.99
Teff	410,650	42.07	17.52	37.91	1.13	0.09	1.28
Barley	190,433	45.43	16.61	35.39	1.01	0.58	0.98
Wheat	135,735	46.88	12.27	38.9	1.3	0.13	0.52
Maize	897,246	62.98	10.92	24.77	-	0.15	1.18
Sorghum	330,619	59.35	12.29	27.34	0.51	0.09	0.42
Finger millet	4,552	77.14	6.43	16.43	-	-	-
Oats "Aja"	1,854	100	-	-	-	-	-
Rice	3,371	50	5	45	-	-	-
<b>Pulses</b>	737,881	57.95	15.25	24.97	0.64	-	1.19
Horse beans white	345,066	49.56	18.31	29.79	1.09	-	1.25
Horse beans red	259,980	51.75	17.58	29.18	0.98	-	0.51
Field peas	17,627	67.42	12.42	19.24	-	-	0.91
Haricot beans	113,794	69.34	10.79	18.06	0.05	-	1.76
Chick - peas	-	-	-	-	-	-	-
Lentils	8	50	50	-	-	-	-
Vetch	*	-	-	-	-	-	-
Soya beans	*	90	10	-	-	-	-
Fenugreek	*	50	-	50	-	-	-
Masho	*	-	-	-	-	-	-
Gibto	*	-	-	-	-	-	-
<b>Oilseeds</b>	*	74.83	10.5	14.67	-	-	-
Neug	*	-	-	-	-	-	-
Linseed	*	88.89	5.56	5.56	-	-	-
Groundnuts	*	-	-	-	-	-	-
Safflower	*	95	5	-	-	-	-
Sesame	*	-	-	-	-	-	-
Rapeseed	*	67.5	13	19.5	-	-	-
<b>Vegetables</b>	*	81.89	0.93	16.12	0.14	-	0.91
Lettuce	*	-	-	-	-	-	-
Head cabbage	*	53.04	-	43.91	2.17	-	0.87
Ethiopian cabbage	*	85.35	1.18	12.53	0.08	-	0.87
Tomatoes	*	100	-	-	-	-	-
Green peppers	*	77.43	0.35	21.28	-	-	0.93
Red peppers	*	77.33	0.78	20.56	-	-	1.33
Swiss chard	*	-	-	-	-	-	-
<b>Root Crops</b>	*	79.29	6.23	13.68	0.1	0.08	0.63
Beetroot	*	71.58	-	26.84	-	-	1.58
Carrot	*	60	-	37.5	-	-	2.5
Onion	*	66.82	3.3	29.43	-	-	0.45
Potatoes	*	75.83	1.11	20.28	2.78	-	-
Yam	*	74.13	11.52	13.26	-	-	1.09
Garlic	*	53.63	16.76	29.41	-	-	0.2
Taro / 'Godere'	*	84.41	6.19	8.55	0.03	0.13	0.71
Sweet potatoes	*	81.92	1.82	15.95	-	-	0.3
<b>Permanent crops</b>	841,020	61.63	0.7	35.93	0.14	0.31	1.29
Avocados	37,967	57.47	-	42	-	-	0.53
Bananas	127,774	47.34	0.52	50.63	0.04	-	1.47
Guavas	47	56.25	-	36.25	-	-	7.5
Lemons	132	32.22	-	65.56	-	-	2.22
Mangoes	3,097	82.5	-	16.79	-	-	0.71
Oranges	219	47.5	-	52.5	-	-	-
Papayas	12,916	68.55	2.42	27.52	-	0.61	0.91
Pineapples	448	72.5	-	27.5	-	-	-
Chat	7,923	8.92	-	89.94	-	-	1.14
Coffee	183,778	52.51	0.49	46.24	0.04	0.08	0.64
Hops (Gesho)	190	56.46	-	41.1	-	-	2.44
Sugar cane	466,528	64.16	2.06	30.26	0.09	0.43	3
<b>Enset</b>	314,637	86.45	0.88	10.11	0.38	0.79	1.38

TABLE 1.7.10- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Gamo Gofa							
Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	2,988,964	65.48	15.58	17.6	0.23	0.31	0.8
<b>Cereals</b>	2,669,932	63.91	16.16	18.26	0.31	0.42	0.94
Teff	467,658	44.81	16.06	37.95	0.24	-	0.94
Barley	256,808	63.5	21.57	12.59	0.46	0.67	1.22
Wheat	105,511	64.03	21.18	13.67	0.42	-	0.71
Maize	1,721,772	75.38	10.29	12.48	0.25	0.8	0.8
Sorghum	118,068	77	13.64	8.21	0.14	-	1
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	*	-	-	-	-	-	-
Rice	*	-	-	-	-	-	-
<b>Pulses</b>	*	68.61	14.29	16.4	0.07	0.11	0.52
Horse beans white	*	72.61	15.36	11.37	0.09	-	0.57
Horse beans red	*	62.27	15.85	20.8	-	-	1.08
Field peas	*	-	-	-	-	-	-
Haricot beans	*	70.06	13.3	16.04	0.09	0.21	0.3
Chick – peas	*	48.18	13.64	37.27	-	-	0.91
Lentils	*	48	24	28	-	-	-
Vetch	*	-	-	-	-	-	-
Soya beans	*	-	-	-	-	-	-
Fenugreek	*	92	8	-	-	-	-
Masho	*	70	5	25	-	-	-
Gibto	*	-	-	-	-	-	-
<b>Oilseeds</b>	*	66.19	18.1	15.24	-	-	0.48
Neug	*	-	-	-	-	-	-
Linseed	*	68.16	18.68	12.63	-	-	0.53
Groundnuts	*	15	20	65	-	-	-
Safflower	*	-	-	-	-	-	-
Sesame	*	80	5	15	-	-	-
Rapeseed	*	-	-	-	-	-	-
<b>Vegetables</b>	*	80.27	0.08	18.26	0.04	0.36	0.98
Lettuce	*	-	-	-	-	-	-
Head cabbage	*	75	-	25	-	-	-
Ethiopian cabbage	*	84.54	0.1	13.71	-	0.44	1.21
Tomatoes	*	28.89	-	71.11	-	-	-
Green peppers	*	62.12	-	37.5	0.38	-	-
Red peppers	*	95	-	5	-	-	-
Swiss chard	*	-	-	-	-	-	-
<b>Root Crops</b>	*	75.29	6.44	15.63	0.06	2.18	0.4
Beetroot	*	66.67	-	33.33	-	-	-
Carrot	*	15	-	85	-	-	-
Onion	*	25.3	6.59	67.12	0.38	-	0.61
Potatoes	*	69.35	16.72	13.41	0.03	0.03	0.45
Yam	*	78.33	7.25	14.04	-	0.17	0.21
Garlic	*	32.19	19.69	46.56	-	-	1.56
Taro / 'Godere'	*	84.98	6.74	5.83	-	2.39	0.06
Sweet potatoes	*	83.76	0.03	11.2	0.07	4.38	0.56
<b>Permanent crops</b>	2,177,151	56.28	0.17	40.07	0.19	2.41	0.87
Avocados	20,625	55.16	-	43.96	0.21	-	0.68
Bananas	1,505,492	44.06	0.22	54.39	0.11	0.8	0.42
Guavas	135	72.5	-	24.17	-	-	3.33
Lemons	3,643	43.61	-	55	-	1.11	0.28
Mangoes	72,432	63.91	-	33.93	-	0.11	2.05
Oranges	10,559	62.12	-	36.06	-	-	1.82
Papayas	62,656	79.23	-	19.23	-	0.05	1.49
Pineapples	81	100	-	-	-	-	-
Chat	5,751	8.67	-	90.44	-	0.44	0.44
Coffee	26,343	36.81	0.57	61.59	0.27	0.03	0.73
Hops (Gesho)	30	22.38	-	77.62	-	-	-
Sugar cane	469,403	52.17	-	43.75	0.28	2.8	1.01
<b>Enset</b>	92,638	78.92	0.07	12.18	0.33	7.83	0.67

TABLE 1.7.11- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Bench Maji							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	1,060,588	55.65	10.68	28.85	0.41	3.04	1.36
<b>Cereals</b>	932,435	52.14	10.78	30.21	0.49	4.92	1.46
Teff	50,818	38.75	11.41	44.84	-	-	5
Barley	36,126	24.64	14.46	59.11	0.36	1.43	-
Wheat	10,952	19.62	22.69	55	-	-	2.69
Maize	414,629	60.41	9.12	18.38	0.69	10.15	1.25
Sorghum	398,958	63.72	8.73	24.3	0.38	1.42	1.45
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	20,952	33.5	19	44.5	0.75	-	2.25
<b>Pulses</b>	123,467	62.54	9.11	26.76	0.32	0.05	1.22
Horse beans white	41,595	38.45	13.28	46.72	-	-	1.55
Horse beans red	24,621	31.33	13.15	54.46	-	-	1.06
Field peas	5,099	95	5	-	-	-	-
Haricot beans	52,151	79.92	6.49	11.79	0.53	0.09	1.18
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	4,688	34.67	37	26.33	-	1.33	0.67
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	4,688	34.67	37	26.33	-	1.33	0.67
<b>Vegetables</b>	128,589	75.6	0.56	22.71	0.04	-	1.09
Lettuce	-	-	-	-	-	-	-
Head cabbage	3,833	41.25	-	58.5	-	-	0.25
Ethiopian cabbage	94,248	80.23	0.35	18.23	0.02	-	1.18
Tomatoes	50	86.33	3.33	9.67	-	-	0.67
Green peppers	5,553	66.56	0.48	31.62	-	-	1.35
Red peppers	24,906	51.73	1.67	45.93	0.33	-	0.33
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	1,716,088	78.41	5.93	14.33	0.29	0.11	0.92
Beetroot	1,819	65	-	35	-	-	-
Carrot	616	20	-	80	-	-	-
Onion	3,260	40.91	4.55	52.73	-	-	1.82
Potatoes	8,058	55	10	35	-	-	-
Yam	60,480	82.12	2.73	14.55	-	-	0.61
Garlic	98	50	30	20	-	-	-
Taro / 'Godere'	1,560,640	80.99	6.6	10.9	0.36	0.14	1.01
Sweet potatoes	81,116	67.61	2.16	29.89	-	-	0.34
<b>Permanent crops</b>	923,860	43.9	0.59	52.23	0.61	1.04	1.63
Avocados	10,768	47.03	0.43	50.2	1.12	-	1.22
Bananas	261,472	45.61	0.45	49.62	0.56	1.99	1.78
Guavas	71	71.67	-	22.5	-	-	5.83
Lemons	215	52	-	29	-	-	19
Mangoes	33,595	55.88	0.11	38.78	2.22	-	3.01
Oranges	10,534	74.85	-	21.03	0.59	-	3.53
Papayas	25,580	77.83	0.11	17.66	1.2	-	3.21
Pineapples	372	50.63	-	48.13	-	-	1.25
Chat	8,402	8.42	1.76	89.32	-	-	0.5
Coffee	167,013	21.8	0.88	76.2	0.25	-	0.87
Hops (Gesho)	162	23.22	-	76.39	0.1	-	0.3
Sugar cane	405,678	51.74	0.53	41.2	0.49	4.26	1.78
<b>Enset</b>	256,966	75.89	0.53	18.08	0.86	2.43	2.21

TABLE 1.7.12- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Yem Special Wereda

Type of Crop	Total Production (Quintal)	Percent Utilized		For		Animal Feed	Others
		Household Consumption	Seed	Sale	Wages In kind		
<b>Grain Crops</b>	375,221	59.09	15.1	21.5	1.43	0.59	2.29
<b>Cereals</b>	334,566	56.61	15.79	22.45	1.44	0.87	2.83
Teff	112,703	48.14	17.97	29.38	1.42	0.11	2.97
Barley	17,561	55.45	18.78	21.51	1.03	1.65	1.59
Wheat	91,112	47.76	20.9	25.72	2.34	0.05	3.23
Maize	98,964	73.84	6.31	14.28	1.14	1.18	3.26
Sorghum	14,042	60.65	16.27	15.58	0.83	4	2.67
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	184	60	40	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	39,275	64.44	13.36	19.54	1.51	-	1.14
Horse beans white	23,144	57.8	17.63	22.89	1.14	-	0.54
Horse beans red	14,942	46.1	17.12	28.28	4.72	-	3.78
Field peas	190	86.03	8.97	5	-	-	-
Haricot beans	490	91.04	2.58	5.96	-	-	0.42
Chick – peas	66	86.67	6.67	6.67	-	-	-
Lentils	339	50.8	20.4	25.6	2	-	1.2
Vetch	-	-	-	-	-	-	-
Soya beans	17	90	10	-	-	-	-
Fenugreek	88	53.8	12.6	33.6	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	1,380	60.86	17.66	19.77	-	-	1.71
Neug	-	-	-	-	-	-	-
Linseed	1,259	60.91	15.45	20.91	-	-	2.73
Groundnuts	-	-	-	-	-	-	-
Safflower	0	25	75	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	121	63.75	16.92	19.33	-	-	-
<b>Vegetables</b>	25,491	76.9	0.33	21.33	0.13	-	1.32
Lettuce	-	-	-	-	-	-	-
Head cabbage	249	75.81	-	23.25	-	-	0.94
Ethiopian cabbage	18,031	79.27	0.3	18.89	0.19	-	1.35
Tomatoes	40	81.47	-	17.87	-	-	0.67
Green peppers	987	79.91	-	18.3	-	-	1.79
Red peppers	6,185	58	1.11	40	-	-	0.89
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	104,500	75.2	7.9	15.79	0.08	0.15	0.88
Beetroot	483	82.96	-	17.04	-	-	-
Carrot	85	95	-	5	-	-	-
Onion	164	69.23	-	30	-	-	0.77
Potatoes	3,293	67.08	7.08	25.83	-	-	-
Yam	76	100	-	-	-	-	-
Garlic	556	69.53	5.94	23.96	-	-	0.57
Taro / 'Godere'	61,575	76.04	12.98	10.01	-	0.1	0.88
Sweet potatoes	38,268	75.27	2.34	20.16	0.32	0.43	1.49
<b>Permanent crops</b>	126,142	63.3	0.9	33.79	0.2	0.52	1.29
Avocados	5,066	51.25	1.88	45.62	-	-	1.25
Bananas	5,930	52.16	1.81	44.37	-	-	1.67
Guavas	30	44.75	2	51.25	-	-	2
Lemons	5	55	-	40	-	-	5
Mangoes	627	62.81	-	36.88	-	-	0.31
Oranges	383	60.8	-	36.8	-	-	2.4
Papayas	25	59.38	-	39.38	-	-	1.25
Pineapples	109	25	-	75	-	-	-
Chat	3,452	19.32	1.15	77.11	-	0.11	2.3
Coffee	2,311	91	-	8.49	-	-	0.51
Hops (Gesho)	1,049	37.52	1.59	60.25	-	-	0.63
Sugar cane	107,156	53.54	1.72	39.23	0.66	3.15	1.7
<b>Enset</b>	254,904	90.06	0.26	7.62	0.5	0.49	1.07

TABLE 1.7.13- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	736,162	41.98	15.35	40.11	1.17	0.47	0.92
<b>Cereals</b>	399,835	43.71	15.61	38.85	0.67	0.56	0.61
Teff	103,199	38.98	16.88	42.6	0.69	0.14	0.72
Barley	13,947	40.23	18.41	39.55	1.14	0.68	-
Wheat	26,707	39.61	17.24	40.79	1.45	-	0.92
Maize	204,520	55.59	9.41	34.12	-	0.59	0.29
Sorghum	51,358	58.98	12.84	24.77	0.23	2.73	0.45
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	105	50	5	45	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	332,865	40.84	15.59	40.33	1.58	0.45	1.21
Horse beans white	159,209	40.4	16.76	40.2	1.36	0.03	1.25
Horse beans red	92,758	33.76	16.59	45.74	2.13	-	1.78
Field peas	60	72.5	12.5	15	-	-	-
Haricot beans	78,894	48.29	13.5	35.25	0.71	1.58	0.67
Chick - peas	94	30	-	70	-	-	-
Lentils	1,754	33.75	11.25	55	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	13	65	5	30	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	85	-	-	10	90	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	3,462	40.44	9.71	49.26	0.59	-	-
Neug	45	100	-	-	-	-	-
Linseed	504	44.17	12.29	42.71	0.83	-	-
Groundnuts	2,885	15	3.75	81.25	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	29	95	5	-	-	-	-
<b>Vegetables</b>	58,823	78.27	1.17	17.57	1.14	0.1	1.75
Lettuce	-	-	-	-	-	-	-
Head cabbage	1,045	40	-	57.5	-	-	2.5
Ethiopian cabbage	55,826	78.85	1.07	17.07	1.3	0.13	1.59
Tomatoes	53	53.75	-	46.25	-	-	-
Green peppers	1,588	77.42	1.61	16.77	0.48	-	3.71
Red peppers	311	81.84	2.11	14.74	0.53	-	0.79
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	1,836,504	68.23	14.34	12.1	0.89	3.26	1.17
Beetroot	95	50	-	50	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	1,345	36.36	0.91	53.64	-	-	9.09
Potatoes	3,136	91.15	5.77	3.08	-	-	-
Yam	270,699	67.98	17.74	12.98	0.24	-	1.07
Garlic	689	15.56	13.33	70	1.11	-	-
Taro / 'Godere'	1,498,686	67.9	17.38	10	1.01	3.01	0.69
Sweet potatoes	61,855	76.81	3.13	9	1	7.5	2.56
<b>Permanent crops</b>	265,715	63.31	1.2	30.13	1.31	2.59	1.46
Avocados	15,005	64.26	0.49	31.9	0.93	0.88	1.54
Bananas	83,676	55.2	0.91	39.61	1.31	2	0.99
Guavas	27	74.44	-	19.44	-	-	6.11
Lemons	644	58.21	-	38.93	0.71	-	2.14
Mangoes	9,865	53.01	2.21	41.32	1.32	-	2.13
Oranges	5,654	50.69	2.78	42.5	2.08	-	1.94
Papayas	21,351	77.41	1.03	19.05	0.86	-	1.64
Pineapples	2	10	-	90	-	-	-
Chat	543	6.88	6.56	85	0.63	-	0.94
Coffee	13,297	62.24	1.09	34.3	0.72	0.16	1.5
Hops (Gesho)	34	29.76	0.73	69.15	0.12	-	0.24
Sugar cane	115,617	49.4	2.76	29.68	1.29	15.33	1.53
<b>Enset</b>	2,020,986	76.85	1.08	13.96	2.1	4.57	1.45



TABLE 1.7.14- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Basketo Special Wereda

Type of Crop	Total Production (Quintal)	Percent Utilized		For		Animal Feed	Others
		Household Consumption	Seed	Sale	Wages In kind		
<b>Grain Crops</b>	73,950	62.9	12.39	22.43	0.62	0.31	1.34
<b>Cereals</b>	66,856	60.53	11.98	24.31	0.98	0.5	1.7
Teff	8,921	37.87	19.43	35.66	4.02	0.33	2.7
Barley	1,394	36.43	15.71	44.64	3.21	-	-
Wheat	526	31.67	8.33	60	-	-	-
Maize	50,362	68.41	9.76	19.13	0.31	0.7	1.68
Sorghum	5,654	64.03	11.67	22.71	-	0.21	1.39
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	7,045	65.99	13.15	19.89	0.08	0.04	0.84
Horse beans white	108	70	8.75	15	-	-	6.25
Horse beans red	777	61.19	17.26	20.83	0.48	-	0.24
Field peas	175	37.5	11.25	51.25	-	-	-
Haricot beans	5,707	67.59	12.3	19.16	-	0.05	0.89
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	0	-	50	50	-	-	-
Masho	278	100	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	49	76.67	8.89	14.44	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	2	55	11.67	33.33	-	-	-
Groundnuts	20	97.5	2.5	-	-	-	-
Safflower	27	82.5	10	7.5	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	1,399	74.3	-	25	0.35	-	0.35
Lettuce	-	-	-	-	-	-	-
Head cabbage	766	37	-	61	2	-	-
Ethiopian cabbage	562	84.07	-	15.56	-	-	0.37
Tomatoes	1	100	-	-	-	-	-
Green peppers	70	77.5	-	21.94	-	-	0.56
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	253,275	76.96	0.4	19.16	0.03	2.95	0.5
Beetroot	216	65	-	35	-	-	-
Carrot	3	81.25	-	18.75	-	-	-
Onion	3,192	37.5	0.25	61.25	-	-	1
Potatoes	830	66.5	5.75	27.75	-	-	-
Yam	33,219	77.36	1.23	20.47	-	-	0.94
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	113,230	85.33	0.04	12.13	0.04	2.24	0.22
Sweet potatoes	102,586	73.34	0.12	20.32	0.02	5.45	0.74
<b>Permanent crops</b>	92,238	54.02	0.01	43.67	0.12	0.42	1.76
Avocados	15,102	51.59	-	46.77	-	0.43	1.21
Bananas	20,926	53.31	-	45.34	0.04	0.47	0.83
Guavas	10	89.17	-	8.06	-	2.22	0.56
Lemons	74	81.54	-	15.38	-	-	3.08
Mangoes	5,107	76.34	-	20.04	0.14	-	3.48
Oranges	175	78.33	-	16.67	-	-	5
Papayas	1,693	92.74	-	2.86	-	-	4.4
Pineapples	58	84.38	-	15.63	-	-	-
Chat	47	1.54	-	96.92	-	-	1.54
Coffee	3,339	31.65	0.05	66.37	0.4	-	1.51
Hops (Gesho)	5	33.21	-	65.36	-	-	1.43
Sugar cane	45,703	66.05	-	30.19	-	1.51	2.25
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.7.15- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Konta Special Wereda

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	231,483	43.97	11.19	42.54	0.25	0.85	1.19
<b>Cereals</b>	128,878	40.45	10.3	45.83	0.38	1.58	1.48
Teff	38,103	27.43	13.58	55.88	0.34	0.61	2.16
Barley	8,697	42.22	12.22	42.78	-	0.83	1.94
Wheat	10,486	40.31	1.25	55.94	1.25	-	1.25
Maize	26,446	53.13	8.13	29.06	0.94	7.97	0.78
Sorghum	33,317	57.74	14.03	27.42	-	-	0.81
Finger millet	4	92.5	7.5	-	-	-	-
Oats "Aja"	8	5	20	75	-	-	-
Rice	11,816	32.92	2.92	62.92	-	-	1.25
<b>Pulses</b>	101,855	47.67	12.13	38.84	0.15	0.2	1.01
Horse beans white	56,242	43.18	12.5	43.04	-	-	1.28
Horse beans red	36,841	36.37	12.75	49.9	-	-	0.98
Field peas	1,660	95	5	-	-	-	-
Haricot beans	6,319	61.79	11.64	24.7	0.45	0.6	0.82
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	15	100	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	779	7.5	15	76.67	-	-	0.83
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	750	41.47	10.59	47.94	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	7	12.5	50	37.5	-	-	-
Groundnuts	703	27.5	2.5	70	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	3	20	-	80	-	-	-
Rapeseed	36	73.33	10	16.67	-	-	-
<b>Vegetables</b>	21,129	68.82	0.76	27.86	1.11	-	1.45
Lettuce	-	-	-	-	-	-	-
Head cabbage	219	57	-	41	1	-	1
Ethiopian cabbage	15,150	73.06	0.97	22.69	1.57	-	1.72
Tomatoes	14	35	-	65	-	-	-
Green peppers	5,305	60.27	0.68	37.03	0.81	-	1.22
Red peppers	440	76.75	0.5	21.25	0.25	-	1.25
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	503,464	66.74	12.49	18.26	0.61	1.25	0.66
Beetroot	1,033	67.78	-	32.22	-	-	-
Carrot	5	60	-	40	-	-	-
Onion	1,340	40.09	14.09	45.82	-	-	-
Potatoes	2,459	55	6.67	38.33	-	-	-
Yam	34,266	81.25	6.75	10.5	-	-	1.5
Garlic	221	20	24.17	55	-	-	0.83
Taro / 'Godere'	424,577	67.87	15.58	14.38	0.82	0.8	0.55
Sweet potatoes	39,564	69.07	-	24.1	0.24	5.37	1.22
<b>Permanent crops</b>	149,413	50.76	0.18	44.46	0.69	2.24	1.68
Avocados	17,706	44.77	-	52.98	0.13	1.04	1.08
Bananas	56,029	41.94	0.11	56.43	0.06	0.63	0.83
Guavas	21	70	-	22.31	0.77	-	6.92
Lemons	2,404	29.44	5.56	63.89	-	-	1.11
Mangoes	7,988	39.55	-	57.95	0.18	-	2.32
Oranges	2,171	45.83	-	51.39	1.67	-	1.11
Papayas	27,142	54.87	-	43.18	-	-	1.95
Pineapples	672	24.5	-	75	-	-	0.5
Chat	176	-	-	100	-	-	-
Coffee	4,288	53.54	0.12	43.19	0.15	0.12	2.89
Hops (Gesho)	13	15.65	-	83.91	-	-	0.43
Sugar cane	30,803	36.25	0.47	49.22	0.31	12.34	1.41
<b>Enset</b>	413,907	75.5	0.07	13.05	2.6	7.07	1.71

TABLE 1.7.16- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Silitie							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	3,198,245	65.88	8.63	22.44	0.47	1.07	1.5
<b>Cereals</b>	3,062,331	63.03	8.11	25.16	0.65	1.31	1.74
Teff	239,156	24.34	12.81	62.68	0.18	-	-
Barley	169,622	67.49	14.92	15.64	0.11	1.02	0.83
Wheat	666,149	27.78	11.3	58.84	1.16	0.12	0.8
Maize	1,756,233	85.72	1.22	5.44	1.1	2.65	3.88
Sorghum	228,605	86.99	6.76	3.99	-	1.49	0.78
Finger millet	2,566	93.33	-	-	-	-	6.67
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	134,499	75.49	9.65	13.5	0.01	0.44	0.91
Horse beans white	66,081	78.47	10.13	10.08	0.03	0.27	1.02
Horse beans red	24,739	75.85	10.63	11.13	-	1.41	0.99
Field peas	10,070	67.69	12.31	20	-	-	-
Haricot beans	15,852	78.28	6.88	14.84	-	-	-
Chick – peas	9,926	67.29	6.43	24.46	-	-	1.82
Lentils	-	-	-	-	-	-	-
Vetch	6,586	42.5	10	47.5	-	-	-
Soya beans	7	100	-	-	-	-	-
Fenugreek	1,239	60	5	35	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	1,415	43.26	15.65	40.65	-	-	0.43
Neug	-	-	-	-	-	-	-
Linseed	273	55.5	10.5	34	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	1,142	33.85	19.62	45.77	-	-	0.77
<b>Vegetables</b>	538,258	66.46	0.48	30.48	0.58	0.04	1.97
Lettuce	-	-	-	-	-	-	-
Head cabbage	152	100	-	-	-	-	-
Ethiopian cabbage	293,812	80.2	-	16.94	0.18	0.05	2.63
Tomatoes	230	95.56	-	4.44	-	-	-
Green peppers	311	84.09	1.36	13.64	-	-	0.91
Red peppers	243,754	22.5	1.76	73.38	1.81	-	0.54
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	9,582	68.58	3.67	27.42	-	-	0.33
Beetroot	695	95	-	4.62	-	-	0.38
Carrot	1,275	67.22	-	32.22	-	-	0.56
Onion	5,281	63.57	-	36.43	-	-	-
Potatoes	1,817	75	25	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	452	28.75	8.75	61.88	-	-	0.63
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	61	100	-	-	-	-	-
<b>Permanent crops</b>	96,377	67.97	0.1	28.76	0.09	0.39	2.69
Avocados	1,861	80.33	-	18.83	-	-	0.83
Bananas	5,190	70.65	-	29.35	-	-	-
Guavas	42	63.33	-	33.33	-	-	3.33
Lemons	782	52.14	-	44.29	-	-	3.57
Mangoes	1,371	86.43	-	11.43	-	-	2.14
Oranges	4,698	73.48	-	23.91	-	0.43	2.17
Papayas	10,942	76.14	-	23	-	-	0.86
Pineapples	-	-	-	-	-	-	-
Chat	49,500	39.02	0.3	56.8	0.21	-	3.66
Coffee	2,398	96.77	0.05	1.94	-	-	1.24
Hops (Gesho)	85	-	-	100	-	-	-
Sugar cane	19,509	51.15	-	43.85	-	-	5
<b>Enset</b>	773,475	78.85	-	15.49	0.12	1.64	3.89

TABLE 1.7.17- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Alaba Special wereda

Type of Crop	Total Production (Quintal)	Percent Utilized		For		Animal Feed	Others
		Household Consumption	Seed	Sale	Wages In kind		
<b>Grain Crops</b>	1,109,714	67.52	8.69	21.83	0.24	1.07	0.65
<b>Cereals</b>	1,075,683	68.08	8.37	21.27	0.28	1.27	0.73
Teff	110,178	29.17	9.13	60.87	0.57	-	0.25
Barley	6,120	68.75	10.63	20	-	-	0.63
Wheat	101,114	37.58	19.92	42.27	-	-	0.23
Maize	730,245	81.06	5.13	10.9	0.35	1.38	1.17
Sorghum	87,261	82.48	7.67	5.13	0.2	3.57	0.95
Finger millet	40,734	80.51	9	10.04	0.11	-	0.35
Oats "Aja"	-	-	-	-	-	-	-
Rice	*	-	-	-	-	-	-
<b>Pulses</b>	*	65.82	9.93	23.97	-	-	0.27
Horse beans white	*	66.88	8.13	25	-	-	-
Horse beans red	*	75.83	9.17	15	-	-	-
Field peas	*	100	-	-	-	-	-
Haricot beans	*	64.76	9.92	25	-	-	0.32
Chick – peas	*	30	40	30	-	-	-
Lentils	*	100	-	-	-	-	-
Vetch	*	-	-	-	-	-	-
Soya beans	*	100	-	-	-	-	-
Fenugreek	*	100	-	-	-	-	-
Masho	*	-	-	-	-	-	-
Gibto	*	-	-	-	-	-	-
<b>Oilseeds</b>	*	54.06	14.18	31.76	-	-	-
Neug	*	100	-	-	-	-	-
Linseed	*	87.25	0.25	12.5	-	-	-
Groundnuts	*	-	-	-	-	-	-
Safflower	*	-	-	-	-	-	-
Sesame	*	-	-	-	-	-	-
Rapeseed	*	39.17	20	40.83	-	-	-
<b>Vegetables</b>	*	55.29	0.64	42.75	0.36	0.11	0.85
Lettuce	*	-	-	-	-	-	-
Head cabbage	*	97.19	-	1.56	-	-	1.25
Ethiopian cabbage	*	88.99	0.19	8.78	0.43	0.24	1.36
Tomatoes	*	-	-	-	-	-	-
Green peppers	234	100	-	-	-	-	-
Red peppers	120,088	17.55	1.14	80.64	0.32	-	0.35
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	9,570	87.88	3.94	7.27	0.91	-	-
Beetroot	423	87.22	-	12.78	-	-	-
Carrot	2	100	-	-	-	-	-
Onion	105	85	-	15	-	-	-
Potatoes	6,708	86	11	-	3	-	-
Yam	1,381	100	-	-	-	-	-
Garlic	142	75	-	25	-	-	-
Taro / 'Godere'	255	100	-	-	-	-	-
Sweet potatoes	553	75	10	15	-	-	-
<b>Permanent crops</b>	65,752	67.32	0.13	29.3	0.96	0.2	2.08
Avocados	965	87.06	-	12.65	-	-	0.29
Bananas	2,014	88.33	-	10	-	0.56	1.11
Guavas	43	70	-	30	-	-	-
Lemons	124	20	-	80	-	-	-
Mangoes	513	100	-	-	-	-	-
Oranges	574	80	-	20	-	-	-
Papayas	1,068	87.08	-	11.25	0.42	-	1.25
Pineapples	-	-	-	-	-	-	-
Chat	52,006	49.32	0.23	45.11	1.89	0.04	3.41
Coffee	1,601	88.17	-	11.03	-	-	0.79
Hops (Gesho)	1	-	-	100	-	-	-
Sugar cane	6,843	48	1	41	-	8	2
<b>Enset</b>	-	-	-	-	-	-	-

TABLE 1.7.18- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Segeen People							
Type of Crop	Total Production (Quintal)	Household Consumption	Percent Utilized		For		
			Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	1,035,845	59.25	17.02	22.22	0.48	0.02	1.01
<b>Cereals</b>	821,722	57.11	17.42	23.69	0.64	0.04	1.11
Teff	206,683	28.3	21.43	47.76	1.22	0.07	1.22
Barley	11,547	60.12	19.5	17.72	1.06	-	1.61
Wheat	12,445	58.4	20.21	19.36	0.64	0.21	1.17
Maize	481,126	74.9	12.27	12.07	-	-	0.76
Sorghum	109,800	77.5	14.46	7.32	-	-	0.71
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	*	-	-	-	-	-	-
Rice	*	-	-	-	-	-	-
<b>Pulses</b>	*	62.2	16.43	20.25	0.25	-	0.87
Horse beans white	*	67.2	13.6	16.4	0.7	-	2.1
Horse beans red	*	64.03	17.5	17.08	0.28	-	1.11
Field peas	*	62.05	17.27	20.68	-	-	-
Haricot beans	*	65.19	17.83	16.25	0.17	-	0.56
Chick – peas	*	54.19	14.84	30.97	-	-	-
Lentils	*	20.36	11.79	64.64	0.71	-	2.5
Vetch	*	-	-	-	-	-	-
Soya beans	*	-	-	-	-	-	-
Fenugreek	*	100	-	-	-	-	-
Masho	*	43.33	4.33	48.33	-	-	4
Gibto	*	-	-	-	-	-	-
<b>Oilseeds</b>	*	83.75	16.25	-	-	-	-
Neug	*	-	-	-	-	-	-
Linseed	*	80	20	-	-	-	-
Groundnuts	*	-	-	-	-	-	-
Safflower	*	-	-	-	-	-	-
Sesame	*	95	5	-	-	-	-
Rapeseed	*	-	-	-	-	-	-
<b>Vegetables</b>	*	72.97	0.48	24.64	0.5	0.05	1.38
Lettuce	*	-	-	-	-	-	-
Head cabbage	*	46.67	-	53.33	-	-	-
Ethiopian cabbage	*	76.54	-	21.33	0.58	0.06	1.49
Tomatoes	*	84.29	-	15.71	-	-	-
Green peppers	*	40.79	5	53.16	-	-	1.05
Red peppers	*	-	-	-	-	-	-
Swiss chard	*	-	-	-	-	-	-
<b>Root Crops</b>	*	89.59	1.5	8.84	-	-	0.07
Beetroot	*	60	-	40	-	-	-
Carrot	*	-	-	-	-	-	-
Onion	*	45.31	10.94	43.75	-	-	-
Potatoes	*	97.17	0.83	2	-	-	-
Yam	*	98.75	1.25	-	-	-	-
Garlic	*	53.33	3.33	43.33	-	-	-
Taro / 'Godere'	*	97.83	-	2.03	-	-	0.14
Sweet potatoes	*	91.67	-	8.33	-	-	-
<b>Permanent crops</b>	154,047	52.48	-	45.19	0.3	0.25	1.79
Avocados	1,693	45.96	-	52.87	-	-	1.17
Bananas	44,076	54.05	-	44.73	0.12	-	1.09
Guavas	16	54.62	-	45.38	-	-	-
Lemons	1,304	74.5	-	22	-	-	3.5
Mangoes	19,226	56.05	-	41.53	0.32	-	2.1
Oranges	90	83.33	-	13.33	-	-	3.33
Papayas	20,958	81.93	-	15.88	-	-	2.19
Pineapples	-	-	-	-	-	-	-
Chat	2,430	5.21	-	93.07	-	1.29	0.43
Coffee	10,033	36.81	-	60.4	0.23	-	2.57
Hops (Gesho)	39	39	-	60.33	-	-	0.67
Sugar cane	54,182	40.7	-	54.56	-	2.72	2.02
<b>Enset</b>	417,263	71.71	-	25.7	0.73	0.1	1.76

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>	157,977	75.39	10.1	10.18	1.55	0.16	2.63
<b>Cereals</b>	156,749	74.55	10.52	10.42	1.56	0.17	2.78
Teff	198	60	20	20	-	-	-
Barley	520	35	25	40	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	91,449	76.21	11	9.09	0.56	0.17	2.98
Sorghum	61,687	71.23	8.87	12.94	4.44	0.18	2.34
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	2,894	25.83	17.5	56.67	-	-	-
<b>Pulses</b>	562	93.82	1.86	2.35	1.52	-	0.45
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	562	93.82	1.86	2.35	1.52	-	0.45
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	666	30	22.86	47.14	-	-	-
Neug	646	35	13	52	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	20	17.5	47.5	35	-	-	-
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 1.8.1- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Agnuwak							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	39,788	70.58	12.35	15.19	0.35	0.44	1.09
Cereals	38,794	71.58	12.3	14.21	0.36	0.45	1.09
Teff	198	60	20	20	-	-	-
Barley	520	35	25	40	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	25,554	74.47	12	11.77	0.08	0.38	1.3
Sorghum	9,730	65.25	12.5	19.42	1.67	0.83	0.33
Finger millet	-	-	-	-	-	-	-
Oats “Aja”	-	-	-	-	-	-	-
Rice	2,792	13	19	68	-	-	-
Pulses	335	40	13.33	43.33	-	-	3.33
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	335	40	13.33	43.33	-	-	3.33
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	659	30.83	14.17	55	-	-	-
Neug	646	35	13	52	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	13	10	20	70	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / ‘Godere’	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-

TABLE 1.8.2- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Nuware							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed		Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	48,732	74.91	11.63	9.2	-	0.08	4.18
<b>Cereals</b>	48,732	74.87	11.64	9.23	-	0.08	4.19
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	48,732	74.87	11.64	9.23	-	0.08	4.19
Sorghum	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	-	-	-	-	-	-	-
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
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 1.8.3- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Mezhenger							
Type of Crop	Total Production (Quintal)	Percent		Utilized	For		
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
<b>Grain Crops</b>	57,401	79.43	5.97	7.39	4.71	-	2.51
<b>Cereals</b>	57,166	75.94	6.76	8.92	5.39	-	2.99
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	5,107	85.35	3.23	2.03	6.06	-	3.33
Sorghum	51,957	72.88	7.87	11.15	5.2	-	2.89
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	102	90	10	-	-	-	-
<b>Pulses</b>	227	96.48	1.18	0.4	1.61	-	0.32
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	227	96.48	1.18	0.4	1.61	-	0.32
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	7	25	75	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	7	25	75	-	-	-	-
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 1.8.4- CROP PRODUCTION AND PERCENT OF UTILIZATION  
ALL HOLDINGS

Itang Special Wereda

Type of Crop	Total Production (Quintal)	Percent Utilized		For		Animal Feed	Others
		Household Consumption	Seed	Sale	Wages In kind		
<b>Grain Crops</b>	12,056	81.07	11.43	5.21	-	-	2.29
<b>Cereals</b>	12,056	81.07	11.43	5.21	-	-	2.29
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	12,056	81.07	11.43	5.21	-	-	2.29
Sorghum	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	-	-	-	-	-	-	-
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
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 1.9- 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>	195,291	68.18	16.06	12.56	0.2	1.04	1.95
<b>Cereals</b>	165,664	81.14	14.95	0.36	0.1	1.38	2.08
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	1,734	85	13.67	-	-	-	1.33
Maize	33,402	83.16	14.34	-	-	1.36	1.14
Sorghum	130,527	79.82	15.35	0.58	0.16	1.44	2.65
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	149	88.33	4.17	6.67	-	-	0.83
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	115	75	5	20	-	-	-
Haricot beans	35	95	3.75	-	-	-	1.25
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	29,478	28.78	19.76	49.29	0.51	0.05	1.61
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	28,240	21.33	20.67	55.64	0.58	0.06	1.72
Safflower	-	-	-	-	-	-	-
Sesame	1,238	82.4	13.2	3.6	-	-	0.8
Rapeseed	-	-	-	-	-	-	-
<b>Vegetables</b>	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	11,608	70.63	1.25	22.19	-	1.88	4.06
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	11,608	70.63	1.25	22.19	-	1.88	4.06
<b>Permanent crops</b>	144,465	36.95	0.16	57.09	0.5	0.03	5.28
Avocados	-	-	-	-	-	-	-
Bananas	930	67.95	-	26.79	0.36	-	4.91
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	376	35.46	-	60.27	0.3	0.12	3.84
Oranges	-	-	-	-	-	-	-
Papayas	7,356	36.79	2.05	57.62	-	-	3.54
Pineapples	-	-	-	-	-	-	-
Chat	135,697	31.58	0.06	61.27	0.69	-	6.4
Coffee	107	58.52	-	40.19	-	-	1.3
Hops (Gesho)	-	-	-	-	-	-	-
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>	226,862	87.98	7	2.56	0.02	0.52	1.91
<b>Cereals</b>	213,993	88.95	7.69	0.32	0.03	0.77	2.24
Teff	-	-	-	-	-	-	-
Barley	17	88.33	11.67	-	-	-	-
Wheat	95	43.75	56.25	-	-	-	-
Maize	4,991	90.97	5.05	1.29	-	1.56	1.13
Sorghum	208,890	89.11	7.57	0.16	0.04	0.65	2.47
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
<b>Pulses</b>	10,670	93.93	4.38	1.43	-	-	0.25
Horse beans white	-	-	-	-	-	-	-
Horse beans red	-	-	-	-	-	-	-
Field peas	4,831	94.41	4.23	1.09	-	-	0.27
Haricot beans	5,835	93.52	4.53	1.7	-	-	0.24
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	4	97.5	2.5	-	-	-	-
Masho	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
<b>Oilseeds</b>	2,199	51.74	10.45	32.55	-	-	5.26
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	1,775	24.53	9.32	57.37	-	-	8.79
Safflower	-	-	-	-	-	-	-
Sesame	395	81.25	12.81	3.88	-	-	2.06
Rapeseed	30	66.67	5	28.33	-	-	-
<b>Vegetables</b>	2,802	60.88	-	37.35	-	-	1.76
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	2,802	60.88	-	37.35	-	-	1.76
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
<b>Root Crops</b>	-	-	-	-	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Yam	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
<b>Permanent crops</b>	3,200	45.38	0.02	51.28	0.02	-	3.3
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	3,073	54.36	0.03	41.7	0.03	-	3.89
Coffee	127	7.14	-	92.05	-	-	0.81
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, 40.81 percent was used for household consumption, 5.75 percent was sold, only 0.27 percent was used for wages in kind and the rest 53.18 percent was used for other purposes (could be for the production of butter, Cheese, and the likes). With respect to the utilization of butter, 58.75 percent of the produce was used for household consumption although considerable portion (35.56 percent) was sold. Most of the total Cheese produced was used for household consumption that is about 80.58 percent, 14.64 percent was sold and the rest 4.49 percent was used for wage in kind and other purposes, which are indicated in the table.

Of the total honey production, about 41.07 percent was used for household consumption, about 55.41 percent was sold, and less than 1 percent of the honey production was used as payment (wage) in the country. On the other hand, 44.13 percent of the wax produced in the country was used as household consumption while 25.22 percent was used for sale.

Concerning utilization of egg production, 29.22 percent of the total egg production was used for household consumption while 40.27 percent of the total egg production was used for sale. About near one-third of the egg production in the country (that is about 30.33 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, 2016/17(2009 E.C)

National

Type of Product	Total %	Percent of Product Utilized for:			
		Household Consumption	Sale	Wages in Kind	Other
Milk	100	21.31	0.75	0.46	77.48
Butter	100	74.6	19.08	0.27	6.05
Cheese	100	96.42	0.03	0.26	3.29
Beef	100	49.56	39.76	0.25	10.43
Mutton/Goat Meat	100	92.58	4.04	0.04	3.34
Eggs	100	39.6	38.36	0.14	21.89
Honey	100	44.23	52.1	-	3.67
Bees Wax	100	39.3	26.7	2.91	31.09
Sheep hair	100	60	40	-	-
Skin	100	66.57	28.46	0.35	4.63
Hide	100	56.35	41.21	0.07	2.37
Arera	100	57.02	0.39	0.26	42.33
Camel Meat	100	50	25	-	25

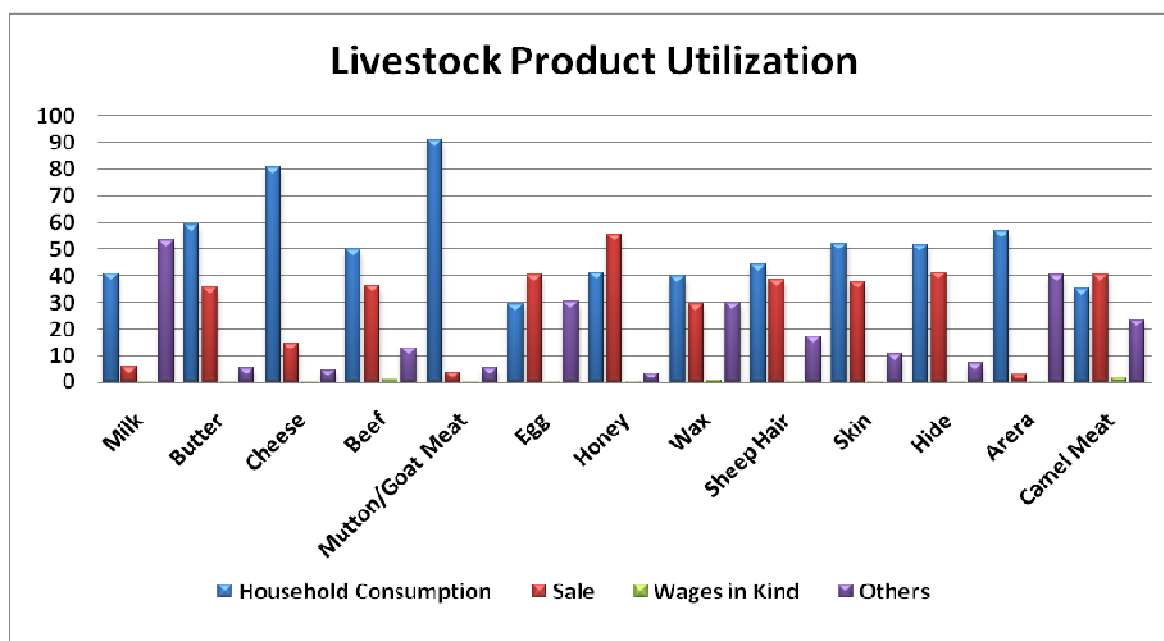


Figure 2: Percentages of Livestock product utilization

Table 2.1 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Tigray Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	21.31	0.75	0.46	77.48
Butter.....	100	74.6	19.08	0.27	6.05
Cheese.....	100	96.42	0.03	0.26	3.29
Beef.....	100	49.56	39.76	0.25	10.43
Mutton/Goat Meat....	100	92.58	4.04	0.04	3.34
Eggs.....	100	39.6	38.36	0.14	21.89
Honey.....	100	44.23	52.1	-	3.67
Wax.....	100	39.3	26.7	2.91	31.09
Sheep Hair.....	100	60	40	-	-
Skin.....	100	66.57	28.46	0.35	4.63
Hide.....	100	56.35	41.21	0.07	2.37
Arera.....	100	57.02	0.39	0.26	42.33
Camel Meat.....	100	50	25	-	25

Table 2.1.1 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## North West Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	22.75	0.39	0.25	76.61
Butter.....	100	81.7	12.1	0.16	6.04
Cheese.....	100	97.52	-	-	2.48
Beef.....	100	28.52	56.16	-	15.32
Mutton/Goat Meat....	100	90.77	4.88	-	4.35
Eggs.....	100	42.24	20.29	0.35	37.12
Honey.....	100	43.11	53.17	-	3.72
Wax.....	100	46.47	5.26	5.26	43
Sheep Hair.....	100	83.33	16.67	-	-
Skin.....	100	57.5	37.5	-	5
Hide.....	100	67.02	31.45	-	1.54
Arera.....	100	63.79	0.07	0.11	36.03
Camel Meat.....	100	-	50	-	50

Table 2.1.2 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Central Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	21.18	0.53	0.82	77.48
Butter.....	100	77.5	12.8	-	9.7
Cheese.....	100	95.78	-	0.24	3.98
Beef.....	100	27.08	50.83	-	22.08
Mutton/Goat Meat....	100	96.23	0.79	-	2.99
Eggs.....	100	41.38	41.02	0.06	17.55
Honey.....	100	38.14	58.18	-	3.68
Wax.....	100	38.36	50.49	-	11.15
Sheep Hair.....	-	-	-	-	-
Skin.....	100	70.37	25	0.93	3.7
Hide.....	100	70.15	29.85	-	-
Arera.....	100	65.85	0.56	0.29	33.3
Camel Meat.....	-	-	-	-	-

Table 2.1.3 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## East Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	24.53	2.54	-	72.93
Butter.....	100	74.29	21.45	0.08	4.18
Cheese.....	100	95.8	-	0.8	3.4
Beef.....	100	45.07	29.07	-	25.86
Mutton/Goat Meat....	100	95.81	1.12	-	3.06
Eggs.....	100	29.09	64.43	-	6.47
Honey.....	100	55.46	41.84	-	2.7
Wax.....	100	50	13.64	-	36.36
Sheep Hair.....	100	50	50	-	-
Skin.....	100	42.11	42.11	-	15.79
Hide.....	100	47.19	51.49	-	1.32
Arera.....	100	79.48	-	-	20.52
Camel Meat.....	-	-	-	-	-



Table 2.1.4 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)  
South Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	9.95	0.15	0.26	89.63
Butter.....	100	65.16	31.3	0.23	3.31
Cheese.....	100	98.25	-	0.24	1.52
Beef.....	100	63.17	35.78	0.22	0.83
Mutton/Goat Meat....	100	96.46	1.2	0.02	2.32
Eggs.....	100	28.9	57.48	0.32	13.29
Honey.....	100	34.78	61.33	-	3.89
Wax.....	100	49.42	22.88	8.46	19.23
Sheep Hair.....	-	-	-	-	-
Skin.....	100	82.6	16	-	1.4
Hide.....	100	59.54	38.36	0.03	2.07
Arera.....	100	57.9	0.83	0.46	40.8
Camel Meat.....	100	100	-	-	-

Table 2.1.5 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)  
Western Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	25.9	0.76	0.73	72.62
Butter.....	100	74.54	18.11	0.56	6.79
Cheese.....	100	95.05	0.09	0.28	4.57
Beef.....	100	56.27	35.76	0.4	7.57
Mutton/Goat Meat....	100	88.99	7.41	0.09	3.51
Eggs.....	100	49.77	21.21	-	29.03
Honey.....	100	49.24	46.4	-	4.36
Wax.....	100	25.05	23.52	2.62	48.81
Sheep Hair.....	-	-	-	-	-
Skin.....	100	68.63	27.35	0.44	3.58
Hide.....	100	48.37	47.08	0.19	4.36
Arera.....	100	39.5	0.4	0.32	59.78
Camel Meat.....	-	-	-	-	-

Table 2.2 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Afar Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	79.23	3.78	0.04	16.95
Butter.....	100	82.12	11.83	0.08	5.97
Cheese.....	100	78.81	13.9	0.25	7.03
Beef.....	100	67.76	18.78	-	13.47
Mutton/Goat Meat....	100	92.33	0.02	0.02	7.63
Eggs.....	100	49.87	25.66	1.84	22.63
Honey.....	100	100	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	100	100	-	-	-
Skin.....	100	82.59	12.07	-	5.34
Hide.....	100	87.83	10.09	-	2.09
Arera.....	100	91.83	0.14	0.09	7.95
Camel Meat.....	100	49.29	34.29	-	16.43

Table 2.2.1 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Zone 1

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	75.72	3.62	0.06	20.6
Butter.....	100	82.2	12.6	0.09	5.1
Cheese.....	100	90.74	0.74	0.56	7.96
Beef.....	100	82.37	7.37	-	10.26
Mutton/Goat Meat....	100	90.73	-	0.04	9.23
Eggs.....	-	-	-	-	-
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	92.22	7.41	-	0.37
Hide.....	100	92.98	3.67	-	3.35
Arera.....	100	93.58	0.08	0.12	6.23
Camel Meat.....	100	51.82	43.64	-	4.55

Table 2.2.2 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Zone 3

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	84.67	4.04	-	11.29
Butter.....	100	81.9	9.67	0.04	8.39
Cheese.....	100	68.75	25	-	6.25
Beef.....	100	58.5	26	-	15.5
Mutton/Goat Meat....	100	93.81	0.04	-	6.15
Eggs.....	100	49.87	25.66	1.84	22.63
Honey.....	100	100	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	100	100	-	-	-
Skin.....	100	74.19	16.13	-	9.68
Hide.....	100	82.89	16.23	-	0.88
Arera.....	100	86.95	0.29	-	12.76
Camel Meat.....	100	40	-	-	60

Table 2.3 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)  
Amhara Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	30.56	0.57	0.17	68.71
Butter.....	100	61.38	32.82	0.1	5.71
Cheese.....	100	96.48	0.16	0.15	3.21
Beef.....	100	36.59	43.35	1.76	18.3
Mutton/Goat Meat....	100	95.11	1.39	0.13	3.38
Eggs.....	100	23.33	46.68	0.06	29.93
Honey.....	100	39.05	58.11	0.28	2.56
Wax.....	100	42.89	30.63	1.27	25.21
Sheep Hair.....	100	46.76	34.25	-	18.99
Skin.....	100	55.58	39.82	-	4.6
Hide.....	100	56.76	40.86	0.25	2.13
Arera.....	100	48.9	0.04	0.11	50.95
Camel Meat.....	100	49.29	36.43	-	14.29

Table 2.3.1 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)  
North Gonder

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	24.39	0.08	0.44	75.1
Butter.....	100	63.87	28.86	0.2	7.07
Cheese.....	100	96.9	-	0.27	2.83
Beef.....	100	41.33	42.24	0.71	15.71
Mutton/Goat Meat....	100	88.4	7.68	0.09	3.83
Eggs.....	100	21.91	29.93	0.11	48.05
Honey.....	100	34.05	62.8	0.28	2.88
Wax.....	100	17.8	42.5	0.6	39.1
Sheep Hair.....	-	-	-	-	-
Skin.....	100	18.42	36.84	-	44.74
Hide.....	100	60.38	32.28	0.93	6.42
Arera.....	100	23.78	-	0.14	76.09
Camel Meat.....	-	-	-	-	-

Table 2.3.2 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

South Gonder

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	32.24	0.03	0.06	67.67
Butter.....	100	71.01	21.05	-	7.94
Cheese.....	100	94.16	-	-	5.84
Beef.....	100	37.91	48	-	14.09
Mutton/Goat Meat....	100	94.88	1.23	-	3.89
Eggs.....	100	17.15	50.44	0.11	32.3
Honey.....	100	50.35	47.98	-	1.67
Wax.....	100	42.19	19.52	5.81	32.48
Sheep Hair.....	100	80	20	-	-
Skin.....	100	59.71	40.29	-	-
Hide.....	100	72.4	25.42	-	2.19
Arera.....	100	30.75	-	-	69.25
Camel Meat.....	-	-	-	-	-

Table 2.3.3 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

North Wolo

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	23.84	0.94	-	75.23
Butter.....	100	51.4	43.53	-	5.07
Cheese.....	100	98.6	-	-	1.4
Beef.....	100	42.5	45.94	-	11.56
Mutton/Goat Meat....	100	98.6	0.7	-	0.7
Eggs.....	100	27.88	42.31	0.03	29.79
Honey.....	100	46.03	52.23	0.63	1.13
Wax.....	100	43.75	5.85	1.25	49.15
Sheep Hair.....	100	83.85	16.15	-	-
Skin.....	100	67.65	32.35	-	-
Hide.....	100	58.56	40.85	0.2	0.39
Arera.....	100	69.83	-	0.1	30.07
Camel Meat.....	100	-	-	-	100

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	35.26	2.57	-	62.17
Butter.....	100	57.51	37.12	-	5.36
Cheese.....	100	97.63	-	-	2.37
Beef.....	100	24.12	56.08	-	19.8
Mutton/Goat Meat....	100	90.6	2.12	-	7.28
Eggs.....	100	26.89	60.18	0.05	12.88
Honey.....	100	55.68	42.32	-	2
Wax.....	100	28.57	-	-	71.43
Sheep Hair.....	100	47.92	-	-	52.08
Skin.....	100	40.08	59.92	-	-
Hide.....	100	37.29	62.16	-	0.55
Arera.....	100	85.13	-	-	14.87
Camel Meat.....	100	25	75	-	-

Table 2.3.5 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## North Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	28.16	-	0.09	71.75
Butter.....	100	48.95	46.89	0.09	4.06
Cheese.....	100	94.11	0.16	0.21	5.53
Beef.....	100	39.46	43.57	3.21	13.75
Mutton/Goat Meat....	100	97.7	-	0.08	2.23
Eggs.....	100	26.19	54.77	-	19.04
Honey.....	100	57.44	41.1	-	1.46
Wax.....	100	82.86	7.14	-	10
Sheep Hair.....	100	33.62	56.49	-	9.89
Skin.....	100	64.2	33	-	2.8
Hide.....	100	61.44	37.73	-	0.83
Arera.....	100	40.68	0.25	0.05	59.03
Camel Meat.....	-	57.5	42.5	-	-

Table 2.3.6 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## East Gojam

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	29.07	1.59	0.23	69.1
Butter.....	100	73.79	20.89	0.24	5.09
Cheese.....	100	96.87	0.05	0.31	2.77
Beef.....	100	23.13	32.5	12.5	31.88
Mutton/Goat Meat....	100	97.63	0.21	-	2.16
Eggs.....	100	18.42	62.15	0.06	19.37
Honey.....	100	33.69	61.27	2.06	2.98
Wax.....	100	34.47	24.53	6.67	34.33
Sheep Hair.....	-	50	50	-	-
Skin.....	100	62.56	36.28	-	1.16
Hide.....	100	53.82	45.68	0.32	0.18
Arera.....	100	27.19	-	0.15	72.66
Camel Meat.....	100	100	-	-	-

Table 2.3.7 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## West Gojam

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	31.87	-	0.29	67.84
Butter.....	100	74.42	20.64	0.11	4.83
Cheese.....	100	96.69	0.81	0.08	2.42
Beef.....	100	85	-	-	15
Mutton/Goat Meat....	100	96.45	0.21	-	3.34
Eggs.....	100	24.53	35.57	-	39.89
Honey.....	100	24.69	73.45	-	1.87
Wax.....	100	34.21	25.26	-	40.53
Sheep Hair.....	-	-	-	-	-
Skin.....	100	53.5	36.5	-	10
Hide.....	100	55.86	39.65	0.27	4.22
Arera.....	100	24.84	-	0.31	74.86
Camel Meat.....	-	-	-	-	-

Table 2.3.8 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Waghamera

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	42.11	0.15	0.45	57.3
Butter.....	100	59.61	35.69	0.05	4.65
Cheese.....	100	96.62	-	-	3.38
Beef.....	100	41.85	50.19	3.15	4.81
Mutton/Goat Meat....	100	96.07	-	0.1	3.83
Eggs.....	100	25.73	56.58	-	17.69
Honey.....	100	35.91	61.72	0.19	2.18
Wax.....	100	60.6	32.6	-	6.8
Sheep Hair.....	100	30	5.29	-	64.71
Skin.....	100	74.35	25.32	-	0.32
Hide.....	100	78.46	21.54	-	-
Arera.....	100	79.74	-	-	20.26
Camel Meat.....	100	100	-	-	-

Table 2.3.9 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

Awi

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	29.17	-	0.07	70.76
Butter.....	100	43.99	49.2	0.04	6.77
Cheese.....	100	97.93	-	0.25	1.82
Beef.....	100	60	32	-	8
Mutton/Goat Meat....	100	96.62	0.49	0.9	1.99
Eggs.....	100	16.08	46.61	0.25	37.06
Honey.....	100	26.73	69.34	0.08	3.85
Wax.....	100	42.08	49.79	-	8.13
Sheep Hair.....	100	-	100	-	-
Skin.....	100	44.64	55.36	-	-
Hide.....	100	36.49	59.07	0.4	4.03
Arera.....	100	35.84	-	0.18	63.98
Camel Meat.....	-	-	-	-	-

Table 2.3.10 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

Oromia Zone

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	38.15	0.07	-	61.78
Butter.....	100	55.82	36.69	0.43	7.06
Cheese.....	100	95.17	0.67	-	4.17
Beef.....	100	-	-	-	100
Mutton/Goat Meat....	100	94.41	-	-	5.59
Eggs.....	100	24.95	40.17	-	34.88
Honey.....	100	48.7	43.91	-	7.39
Wax.....	100	42	58	-	-
Sheep Hair.....	100	100	-	-	-
Skin.....	100	50	50	-	-
Hide.....	100	46.35	51.73	-	1.92
Arera.....	100	82.73	0.4	-	16.88
Camel Meat.....	-	-	-	-	-



Table 2.3.11 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Argoba Special

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	29.69	0.07	-	70.24
Butter.....	100	65.26	31.35	-	3.39
Cheese.....	100	86.43	-	-	13.57
Beef.....	100	17.5	27.81	-	54.69
Mutton/Goat Meat....	100	87.31	-	-	12.69
Eggs.....	100	26.25	39.9	-	33.85
Honey.....	100	31.65	65.39	-	2.97
Wax.....	100	90.91	-	-	9.09
Sheep Hair.....	-	-	-	-	-
Skin.....	100	58.82	41.18	-	-
Hide.....	100	55.3	44.7	-	-
Arera.....	100	93.93	-	0.25	5.82
Camel Meat.....	100	5	95	-	-

Table 2.4 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Oromia Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	41.64	7.63	0.21	50.51
Butter.....	100	53.93	40.52	0.28	5.27
Cheese.....	100	81.19	12.31	0.25	6.25
Beef.....	100	45.61	39.74	1.49	13.16
Mutton/Goat Meat....	100	86.87	6.2	0.38	6.55
Eggs.....	100	29.53	42.83	0.18	27.47
Honey.....	100	44.69	50.75	0.47	4.09
Wax.....	100	33.12	39.67	0.28	26.92
Sheep Hair.....	100	20	74.29	1.9	3.81
Skin.....	100	44.86	49.88	0.11	5.15
Hide.....	100	38.55	55.73	0.31	5.41
Arera.....	100	63.48	2.6	0.23	33.69
Camel Meat.....	100	20.67	42.67	5.33	31.33

Table 2.4.1 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## West Welega

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	14.36	0.33	-	85.31
Butter.....	100	49.21	43.41	0.47	6.92
Cheese.....	100	89.11	0.07	0.07	10.74
Beef.....	100	20	-	-	80
Mutton/Goat Meat....	100	84.6	2	-	13.4
Eggs.....	100	25.88	33.17	0.15	40.81
Honey.....	100	36.68	60.68	0.78	1.86
Wax.....	100	14.87	67.52	-	17.61
Sheep Hair.....	100	-	100	-	-
Skin.....	100	-	50	-	50
Hide.....	100	21.74	60.87	-	17.39
Arera.....	100	50.95	-	-	49.05
Camel Meat.....	-	-	-	-	-

Table 2.4.2 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## East Welega

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	11.95	-	-	88.05
Butter.....	100	45.88	50.24	-	3.88
Cheese.....	100	91.06	0.07	-	8.88
Beef.....	100	53.75	46.25	-	-
Mutton/Goat Meat....	100	97.06	-	-	2.94
Eggs.....	100	21.42	22.72	-	55.86
Honey.....	100	51.74	47.34	-	0.92
Wax.....	100	9.23	82.69	-	8.08
Sheep Hair.....	-	-	-	-	-
Skin.....	100	40	40	-	20
Hide.....	100	50	44.12	-	5.88
Arera.....	100	47.96	0.13	-	51.91
Camel Meat.....	-	-	-	-	-

Table 2.4.3 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

Illubabor

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	32.53	3.75	0.26	63.46
Butter.....	100	49.66	42.73	0.28	7.33
Cheese.....	100	84.57	7.98	0.57	6.89
Beef.....	100	53.75	37.5	-	8.75
Mutton/Goat Meat....	100	85.44	4.67	-	9.89
Eggs.....	100	35.06	33.79	0.32	30.83
Honey.....	100	45.7	45.19	0.14	8.98
Wax.....	100	34.36	48.27	0.13	17.24
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	100	-	-
Hide.....	100	14.86	79.43	-	5.71
Arera.....	100	58.59	0.56	0.83	40.02
Camel Meat.....	-	-	-	-	-

Table 2.4.4 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

Jimma

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	42.01	1.22	0.23	56.55
Butter.....	100	57.64	38.26	0.02	4.08
Cheese.....	100	68.51	27.78	-	3.71
Beef.....	100	20	60	-	20
Mutton/Goat Meat....	100	76.6	16.42	-	6.98
Eggs.....	100	34.44	36.87	0.25	28.44
Honey.....	100	50.94	44.39	0.09	4.58
Wax.....	100	45.91	35	-	19.09
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	33.33	-	66.67
Hide.....	100	9.21	86.84	-	3.95
Arera.....	100	46.47	1.7	-	51.83
Camel Meat.....	-	-	-	-	-

Table 2.4.5 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## West Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	20.31	2.16	-	77.53
Butter.....	100	51.89	44.48	0.59	3.04
Cheese.....	100	87.44	7.71	0.65	4.2
Beef.....	100	33.57	62.14	3.75	0.54
Mutton/Goat Meat....	100	87.77	9.39	0.27	2.57
Eggs.....	100	35.88	42.76	0.06	21.3
Honey.....	100	47.5	50.44	0.15	1.91
Wax.....	100	33.04	5.36	-	61.61
Sheep Hair.....	-	-	-	-	-
Skin.....	100	35.71	57.14	-	7.14
Hide.....	100	18.44	73.07	-	8.49
Arera.....	100	53.15	1.96	0.24	44.66
Camel Meat.....	100	100	-	-	-

Table 2.4.6 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## North Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	28.29	9.6	0.3	61.81
Butter.....	100	34.82	60.7	0.49	3.99
Cheese.....	100	60.86	33.32	0.54	5.27
Beef.....	100	40.83	40.28	-	18.89
Mutton/Goat Meat....	100	95.9	1.42	0.17	2.52
Eggs.....	100	24.19	68.31	0.28	7.22
Honey.....	100	50.48	44.11	0.32	5.08
Wax.....	100	43.29	17.8	1.34	37.56
Sheep Hair.....	100	100	-	-	-
Skin.....	100	26.47	67.65	-	5.88
Hide.....	100	28.38	70.46	0.17	1
Arera.....	100	38.42	0.48	0.31	60.8
Camel Meat.....	-	-	-	-	-

Table 2.4.7 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## East Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	50.64	1.15	0.04	48.17
Butter.....	100	56.58	35.46	0.1	7.86
Cheese.....	100	75.93	19.57	0.21	4.29
Beef.....	100	41	37	-	22
Mutton/Goat Meat....	100	86.45	5.99	0.13	7.43
Eggs.....	100	32.81	45.28	0.2	21.7
Honey.....	100	37.22	60.56	-	2.22
Wax.....	100	100	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	55.56	44.44	-	-
Hide.....	100	59.64	38.55	-	1.82
Arera.....	100	64.51	-	-	35.49
Camel Meat.....	-	-	-	-	-

Table 2.4.8 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Arsi

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	61.47	1.42	0.12	36.99
Butter.....	100	60.77	34.56	-	4.68
Cheese.....	100	87.8	8.35	-	3.85
Beef.....	100	56.41	33.48	1.96	8.15
Mutton/Goat Meat....	100	83.71	9.58	-	6.71
Eggs.....	100	39.82	49.81	0.23	10.14
Honey.....	100	51.18	42.11	1.58	5.13
Wax.....	100	78.24	4.12	-	17.65
Sheep Hair.....	100	-	88.33	-	11.67
Skin.....	100	46.53	51.33	-	2.13
Hide.....	100	35.5	62.69	-	1.82
Arera.....	100	75.36	0.63	0.17	23.84
Camel Meat.....	-	-	-	-	-

Table 2.4.9 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## West Harerge

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	61.26	23.97	0.44	14.33
Butter.....	100	66.9	26.4	0.44	6.26
Cheese.....	100	84.62	14.62	-	0.77
Beef.....	100	17.5	70	-	12.5
Mutton/Goat Meat....	100	72.78	13.52	-	13.7
Eggs.....	100	24.44	44.47	0.15	30.94
Honey.....	100	57.88	35.63	-	6.5
Wax.....	100	-	100	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	25	50	-	25
Hide.....	100	69.05	13.45	-	17.5
Arera.....	100	91.53	0.25	-	8.22
Camel Meat.....	100	10	26.67	-	63.33

Table 2.4.10 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## East Harerge

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	66.05	25.71	0.17	8.07
Butter.....	100	62.68	31.39	-	5.93
Cheese.....	-	-	-	-	-
Beef.....	100	13.33	33.33	-	53.33
Mutton/Goat Meat....	100	76.98	-	3.28	19.74
Eggs.....	100	16.42	66.67	0.05	16.87
Honey.....	100	55.29	36.57	-	8.14
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	-	-	100
Hide.....	100	41.3	-	-	58.7
Arera.....	100	89.96	6.03	0.29	3.71
Camel Meat.....	100	2.5	77.5	-	20

Table 2.4.11 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Bale

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	67.67	7.84	0.46	24.02
Butter.....	100	65.75	27.11	0.67	6.47
Cheese.....	100	94.02	3.27	0.32	2.4
Beef.....	100	30.56	55.83	1.39	12.22
Mutton/Goat Meat....	100	88.26	2.01	0.14	9.58
Eggs.....	100	38.73	48.93	0.52	11.82
Honey.....	100	46.01	48.62	0.19	5.19
Wax.....	100	55.45	40	3.64	0.91
Sheep Hair.....	100	-	100	-	-
Skin.....	100	66.84	25.26	1.32	6.58
Hide.....	100	60.54	37.38	1.09	0.99
Arera.....	100	76.04	0.97	0.22	22.77
Camel Meat.....	100	20	10	70	-

Table 2.4.12 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Borena

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	57.01	18.47	0.56	23.96
Butter.....	100	54.19	40.87	0.08	4.87
Cheese.....	100	72.14	21.43	1.9	4.52
Beef.....	100	45.97	33.66	1.79	18.58
Mutton/Goat Meat....	100	74.4	14.8	0.8	10
Eggs.....	100	28.9	55.25	0.53	15.31
Honey.....	100	25.94	71.13	0.38	2.55
Wax.....	100	13.75	81.25	1.67	3.33
Sheep Hair.....	100	10	65	20	5
Skin.....	100	63.28	30.63	0.16	5.94
Hide.....	100	47.32	44.8	1.52	6.36
Arera.....	100	83.91	10.61	0.32	5.16
Camel Meat.....	100	27.5	32.5	2.5	37.5

Table 2.4.13 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)  
South West Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	30.82	0.46	0.08	68.65
Butter.....	100	57.12	36.64	0.04	6.2
Cheese.....	100	74.3	15.68	-	10.02
Beef.....	100	44.5	37.63	0.25	17.63
Mutton/Goat Meat....	100	92.03	5.47	-	2.5
Eggs.....	100	35.58	50.81	-	13.6
Honey.....	100	48.31	45.19	1.95	4.55
Wax.....	100	43.33	1.85	-	54.81
Sheep Hair.....	100	-	100	-	-
Skin.....	100	43.75	56.25	-	-
Hide.....	100	55	43.65	-	1.35
Arera.....	100	54.63	0.58	-	44.79
Camel Meat.....	-	-	-	-	-

Table 2.4.14 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

Guji

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	49.77	22.27	0.55	27.41
Butter.....	100	47.91	44.78	0.69	6.62
Cheese.....	100	57.83	36.59	0.43	5.14
Beef.....	100	41.25	53.75	0.5	4.5
Mutton/Goat Meat....	100	81.53	11.44	1.02	6.02
Eggs.....	100	29.67	51.12	0.4	18.81
Honey.....	100	30.82	64.77	1.45	2.97
Wax.....	100	61.74	33.91	-	4.35
Sheep Hair.....	100	50	50	-	-
Skin.....	100	37.1	62.26	-	0.65
Hide.....	100	52.19	47.81	-	-
Arera.....	100	69.69	21.82	0.62	7.88
Camel Meat.....	100	10	90	-	-



Table 2.4.15 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## West Arsi

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	53.39	1.99	0.03	44.59
Butter.....	100	60.09	34.39	0.51	5.02
Cheese.....	100	74.03	23.55	-	2.42
Beef.....	100	62.63	25.79	3.68	7.89
Mutton/Goat Meat....	100	90.52	2.08	1.17	6.23
Eggs.....	100	38.02	43.56	0.09	18.34
Honey.....	100	54.33	43.67	-	2
Wax.....	100	53.85	39.23	-	6.92
Sheep Hair.....	100	28.57	71.43	-	-
Skin.....	100	12.5	75	-	12.5
Hide.....	100	29.09	69.09	-	1.82
Arera.....	100	83.68	0.94	0.33	15.05
Camel Meat.....	-	-	-	-	-

Table 2.4.16 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Kelem Wellega

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	17.75	0.07	0.04	82.15
Butter.....	100	53.24	40.58	-	6.18
Cheese.....	100	87.1	-	0.25	12.65
Beef.....	-	-	-	-	-
Mutton/Goat Meat....	100	83.33	7.98	-	8.7
Eggs.....	100	24.53	25.17	-	50.29
Honey.....	100	39.21	57.79	-	3
Wax.....	100	27.35	50	-	22.65
Sheep Hair.....	-	-	-	-	-
Skin.....	100	27.5	72.5	-	-
Hide.....	100	30.3	66.67	3.03	-
Arera.....	100	60.09	0.23	0.23	39.45
Camel Meat.....	-	-	-	-	-

Table 2.4.17 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Horogudru

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	14.34	-	-	85.66
Butter.....	100	52.94	44.21	0.06	2.78
Cheese.....	100	94.56	-	-	5.44
Beef.....	100	73.33	-	-	26.67
Mutton/Goat Meat....	100	96.46	1.39	-	2.15
Eggs.....	100	20.3	23.43	-	56.26
Honey.....	100	50.53	47.65	-	1.82
Wax.....	100	37.32	9.76	-	52.93
Sheep Hair.....	-	-	-	-	-
Skin.....	100	57.14	42.86	-	-
Hide.....	100	43.84	52.05	-	4.11
Arera.....	100	63.92	0.03	0.18	35.87
Camel Meat.....	100	30	20	-	50

Table 2.5 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)  
Somali Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	71.58	24.72	0.18	3.52
Butter.....	100	67.3	30.29	-	2.41
Cheese.....	100	77.14	-	-	22.86
Beef.....	100	53.68	42.63	1.58	2.11
Mutton/Goat Meat....	100	80.28	7.37	0.07	12.28
Eggs.....	100	40.11	36.89	-	23
Honey.....	100	57.5	37.5	-	5
Wax.....	-	-	-	-	-
Sheep Hair.....	100	100	-	-	-
Skin.....	100	85.11	6.38	-	8.51
Hide.....	100	47.53	14.81	-	37.65
Arera.....	100	96.06	-	-	3.94
Camel Meat.....	100	23.33	61.11	-	15.56

Table 2.5.1 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Shinele

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	87.31	9.74	-	2.95
Butter.....	100	66	28	-	6
Cheese.....	-	-	-	-	-
Beef.....	100	30	55	-	15
Mutton/Goat Meat....	100	78.66	1.7	-	19.63
Eggs.....	100	37.21	15.79	-	47
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	62.5	18.75	-	18.75
Hide.....	100	25	66.67	-	8.33
Arera.....	100	100	-	-	-
Camel Meat.....	-	-	-	-	-

Table 2.5.2 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Jijiga

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	63.29	33.46	0.36	2.89
Butter.....	100	70.71	23.57	-	5.71
Cheese.....	100	77.14	-	-	22.86
Beef.....	100	39.17	58.33	2.5	-
Mutton/Goat Meat....	100	77.5	14.03	0.15	8.32
Eggs.....	100	25.5	74.5	-	-
Honey.....	100	57.5	37.5	-	5
Wax.....	-	-	-	-	-
Sheep Hair.....	100	100	-	-	-
Skin.....	100	96.43	-	-	3.57
Hide.....	100	61.54	-	-	38.46
Arera.....	100	100	-	-	-
Camel Meat.....	100	22.86	71.43	-	5.71

Table 2.5.3 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Liben

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	63.18	29.59	-	7.23
Butter.....	100	65.65	33.98	-	0.37
Cheese.....	-	-	-	-	-
Beef.....	100	98	-	-	2
Mutton/Goat Meat....	100	94.83	1.38	-	3.79
Eggs.....	100	45.54	37.57	-	16.89
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	34.29	-	-	65.71
Arera.....	100	94.81	-	-	5.19
Camel Meat.....	100	25	25	-	50

Table 2.6 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Benshangule-Gumuz Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	32.49	0.77	0.33	66.4
Butter.....	100	55.59	38.2	0.08	6.13
Cheese.....	100	92.76	0.56	0.35	6.33
Beef.....	100	21	46	-	33
Mutton/Goat Meat....	100	90.95	2.26	0.41	6.37
Eggs.....	100	17.56	12.62	0.04	69.78
Honey.....	100	31.64	66.53	0.13	1.7
Wax.....	100	21.16	9.22	0.87	68.76
Sheep Hair.....	-	-	-	-	-
Skin.....	100	13.75	6.25	-	80
Hide.....	100	39.12	17.58	-	43.3
Arera.....	100	52.96	-	0.14	46.9
Camel Meat.....	100	15	-	-	85

Table 2.6.1 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Metekel

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	36.05	0.27	0.37	63.3
Butter.....	100	54.71	40.82	-	4.47
Cheese.....	100	93.04	0.48	0.05	6.44
Beef.....	100	25.71	27.14	-	47.14
Mutton/Goat Meat....	100	93.3	0.18	-	6.52
Eggs.....	100	18.56	8.5	0.03	72.91
Honey.....	100	38.74	59.87	0.11	1.29
Wax.....	100	19.58	3	2.5	74.93
Sheep Hair.....	-	-	-	-	-
Skin.....	100	13.33	-	-	86.67
Hide.....	100	62.8	10.28	-	26.92
Arera.....	100	43.13	-	0.04	56.83
Camel Meat.....	-	-	-	-	-

Table 2.6.2 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Asosa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	43.42	4.56	0.96	51.05
Butter.....	100	68.87	25.09	0.09	5.94
Cheese.....	100	91.89	2.03	0.27	5.81
Beef.....	100	10	90	-	-
Mutton/Goat Meat....	100	84.6	2.7	1.59	11.11
Eggs.....	100	17.35	17.39	0.11	65.16
Honey.....	100	36.67	60	-	3.33
Wax.....	100	25.33	10	-	64.67
Sheep Hair.....	-	-	-	-	-
Skin.....	100	16.67	16.67	-	66.67
Hide.....	100	10.91	22.55	-	66.55
Arera.....	100	65.2	-	0.78	34.02
Camel Meat.....	100	20	-	-	80

Table 2.6.3 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Kemashi

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	20.23	0.09	-	79.68
Butter.....	100	51.6	40.06	0.28	8.06
Cheese.....	100	93.72	-	1.91	4.36
Beef.....	-	-	-	-	-
Mutton/Goat Meat....	100	95.89	2.13	-	1.98
Eggs.....	100	13	7.51	-	79.49
Honey.....	100	45.26	48.68	-	6.05
Wax.....	100	40	35	-	25
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	100	21.59	28.41	-	50
Arera.....	100	63.06	-	0.09	36.85
Camel Meat.....	-	-	-	-	-

Table 2.6.4 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Mao Komo

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	25.65	0.32	-	74.03
Butter.....	100	53.33	33.5	-	13.17
Cheese.....	100	88.95	-	-	11.05
Beef.....	-	-	-	-	-
Mutton/Goat Meat....	100	86.43	12.38	-	1.19
Eggs.....	100	21.45	18.93	-	59.63
Honey.....	100	23.16	75.68	0.19	0.97
Wax.....	100	17.4	8.8	-	73.8
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	-	-	100
Hide.....	100	29.05	19.05	-	51.9
Arera.....	100	75.83	-	-	24.17
Camel Meat.....	100	10	-	-	90

Table 2.7 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## S.N.N.P. Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	32.4	2.13	0.43	65.03
Butter.....	100	54.76	39.6	0.66	4.98
Cheese.....	100	60.88	34.99	0.43	3.69
Beef.....	100	69.07	24.66	0.96	5.3
Mutton/Goat Meat....	100	90.78	5.95	0.56	2.72
Eggs.....	100	32.08	39.39	0.3	28.23
Honey.....	100	38.76	58.38	0.41	2.46
Wax.....	100	67.67	14.91	0.24	17.18
Sheep Hair.....	100	-	66.67	-	33.33
Skin.....	100	33.61	47.27	-	19.12
Hide.....	100	37.35	58.03	0.34	4.28
Arera.....	100	49.3	5.54	0.6	44.56
Camel Meat.....	100	39.17	36.67	-	24.17

Table 2.7.1 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Gurage

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	23.54	0.27	0.5	75.7
Butter.....	100	66.6	27.64	0.48	5.28
Cheese.....	100	66.74	29.19	0.36	3.71
Beef.....	100	99.34	-	-	0.66
Mutton/Goat Meat....	100	96.38	0.29	-	3.33
Eggs.....	100	57.62	30.73	0.08	11.57
Honey.....	100	63.49	35.28	0.94	0.28
Wax.....	100	40.21	13.75	-	46.04
Sheep Hair.....	-	-	-	-	-
Skin.....	100	10	60	-	30
Hide.....	100	20.31	68.75	-	10.94
Arera.....	100	14.52	0.18	0.12	85.18
Camel Meat.....	-	-	-	-	-

Table 2.7.2 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Hadiya

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	22.97	0.42	0.78	75.83
Butter.....	100	57.35	35.53	1.05	6.07
Cheese.....	100	56.95	37.73	0.42	4.9
Beef.....	100	100	-	-	-
Mutton/Goat Meat....	100	99.38	-	-	0.63
Eggs.....	100	34.72	28.01	1.15	36.11
Honey.....	100	56.85	40.28	0.28	2.59
Wax.....	100	37.08	3.33	0.83	58.75
Sheep Hair.....	-	-	-	-	-
Skin.....	100	14.67	84.67	-	0.67
Hide.....	100	14.64	81.79	-	3.57
Arera.....	100	46.37	1.5	1.88	50.26
Camel Meat.....	-	-	-	-	-

Table 2.7.3 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Kembata-Tembaro

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	14.22	0.13	0.05	85.61
Butter.....	100	53.61	40.28	0.16	5.96
Cheese.....	100	52.12	42.89	-	4.99
Beef.....	100	100	-	-	-
Mutton/Goat Meat....	100	96.92	-	3.08	-
Eggs.....	100	32.88	40.45	-	26.67
Honey.....	100	57.5	41.79	-	0.71
Wax.....	100	99.55	-	-	0.45
Sheep Hair.....	-	-	-	-	-
Skin.....	100	50	50	-	-
Hide.....	100	10	80	-	10
Arera.....	100	47.89	1.99	0.21	49.91
Camel Meat.....	-	-	-	-	-



Table 2.7.4 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Sidama

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	32.27	1.48	0.2	66.05
Butter.....	100	54.23	40.75	0.26	4.76
Cheese.....	100	55	32.14	5	7.86
Beef.....	100	46	32	-	22
Mutton/Goat Meat....	100	85	6	3	6
Eggs.....	100	26.84	48.74	0.46	23.97
Honey.....	100	49.12	37.65	0.88	12.35
Wax.....	100	81.67	-	2.5	15.83
Sheep Hair.....	-	-	-	-	-
Skin.....	100	80	20	-	-
Hide.....	100	16.67	83.33	-	-
Arera.....	100	82.91	10.67	0.39	6.03
Camel Meat.....	-	-	-	-	-

Table 2.7.5 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Gedio

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	38.57	6.53	0.41	54.49
Butter.....	100	61.88	33.65	-	4.48
Cheese.....	100	70	30	-	-
Beef.....	100	45	55	-	-
Mutton/Goat Meat....	100	95.32	2.16	0.27	2.24
Eggs.....	100	34.84	48.4	0.47	16.28
Honey.....	100	33.63	62.88	-	3.5
Wax.....	100	-	100	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	20	60	-	20
Hide.....	100	6.67	93.33	-	-
Arera.....	100	87.28	8.48	-	4.24
Camel Meat.....	-	-	-	-	-

Table 2.7.6 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Wolayita

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	12.39	1.39	0.51	85.71
Butter.....	100	37.57	53.71	1.79	6.93
Cheese.....	100	47.04	48.56	1.31	3.09
Beef.....	100	76.67	23.33	-	-
Mutton/Goat Meat....	100	85	15	-	-
Eggs.....	100	21.51	49.15	0.36	28.99
Honey.....	100	25.42	69.58	0.83	4.17
Wax.....	100	-	80	-	20
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	100	-	-
Hide.....	100	45	55	-	-
Arera.....	100	55.81	16.87	1.52	25.8
Camel Meat.....	-	-	-	-	-

Table 2.7.7 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## South Omo

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	53.14	2.9	0.07	43.89
Butter.....	100	46.47	47	0.86	5.67
Cheese.....	100	57.86	34.29	-	7.86
Beef.....	100	75	25	-	-
Mutton/Goat Meat....	100	94.4	1.58	-	4.02
Eggs.....	100	29.76	39.12	0.03	31.1
Honey.....	100	30.59	66.91	1.05	1.45
Wax.....	100	69.44	29.44	-	1.11
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	88.79	10.34	-	0.86
Arera.....	100	84.16	2.44	0.23	13.16
Camel Meat.....	-	-	-	-	-

Table 2.7.8 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Sheka

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	50.86	4.43	-	44.71
Butter.....	100	77.16	19.55	0.19	3.1
Cheese.....	100	82.48	14.15	0.26	3.1
Beef.....	100	31.82	50.45	2.73	15
Mutton/Goat Meat....	100	82.45	10.64	-	6.91
Eggs.....	100	37.02	28.79	-	34.19
Honey.....	100	29.35	69.13	0.22	1.3
Wax.....	100	78.13	15.63	-	6.25
Sheep Hair.....	-	-	-	-	-
Skin.....	100	20	80	-	-
Hide.....	100	7.69	87.18	-	5.13
Arera.....	100	23.17	-	-	76.83
Camel Meat.....	-	-	-	-	-

Table 2.7.9 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Kefa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	39.72	0.79	0.56	58.92
Butter.....	100	66.79	30.63	0.72	1.86
Cheese.....	100	73.79	23.59	0.82	1.8
Beef.....	100	35.56	44.44	2.22	17.78
Mutton/Goat Meat....	100	86.79	12.56	-	0.65
Eggs.....	100	27.89	32.54	-	39.57
Honey.....	100	20.66	77.93	-	1.41
Wax.....	100	14.29	42.86	-	42.86
Sheep Hair.....	-	-	-	-	-
Skin.....	100	41.67	50	-	8.33
Hide.....	100	25.33	68	1.33	5.33
Arera.....	100	14.87	0.27	0.46	84.41
Camel Meat.....	100	62.5	25	-	12.5

Table 2.7.10 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Gamo Gofa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	32.45	2.21	0.1	65.24
Butter.....	100	51.4	45.83	0.38	2.39
Cheese.....	100	57.65	40.95	-	1.4
Beef.....	100	22.86	42.86	8.57	25.71
Mutton/Goat Meat....	100	86.3	10	1.85	1.85
Eggs.....	100	24.89	56.31	0.07	18.73
Honey.....	100	40.54	58.75	0.71	-
Wax.....	100	100	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	77.78	22.22	-	-
Hide.....	100	44.44	55.56	-	-
Arera.....	100	71.94	16.91	0.18	10.97
Camel Meat.....	-	-	-	-	-

Table 2.7.11 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Bench-Maji

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	53.8	8.91	1	36.28
Butter.....	100	41.41	49.62	0.63	8.34
Cheese.....	100	66.69	22.66	-	10.65
Beef.....	100	34	66	-	-
Mutton/Goat Meat....	100	82.69	15.19	1.2	0.93
Eggs.....	100	22.53	35.51	1.36	40.61
Honey.....	100	25.33	67.72	1.3	5.65
Wax.....	100	71.43	23.57	-	5
Sheep Hair.....	100	-	66.67	-	33.33
Skin.....	100	8.33	33.33	-	58.33
Hide.....	100	17.86	71.43	-	10.71
Arera.....	100	35.75	1.5	0.12	62.63
Camel Meat.....	-	-	-	-	-

Table 2.7.12 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Yem Special Wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	53.08	5.94	-	40.98
Butter.....	100	55.86	40.95	-	3.19
Cheese.....	100	73.35	24.63	-	2.02
Beef.....	100	18.46	76.15	3.85	1.54
Mutton/Goat Meat....	100	73.67	21.33	3.33	1.67
Eggs.....	100	27.13	60.88	0.56	11.43
Honey.....	100	31.24	65.43	-	3.33
Wax.....	100	77.69	22.31	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	60	30	-	10
Hide.....	100	42.86	57.14	-	-
Arera.....	100	59.7	0.81	-	39.49
Camel Meat.....	-	-	-	-	-

Table 2.7.13 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Dawro

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	31.5	3.61	0.97	63.92
Butter.....	100	49.66	41.09	1.49	7.76
Cheese.....	100	59.48	36.58	0.79	3.15
Beef.....	100	13.67	86.33	-	-
Mutton/Goat Meat....	100	87.78	12.22	-	-
Eggs.....	100	36.95	42.03	0.13	20.88
Honey.....	100	29.62	68.02	0.19	2.17
Wax.....	100	77.79	9.42	0.7	12.09
Sheep Hair.....	-	-	-	-	-
Skin.....	100	33.33	66.67	-	-
Hide.....	100	-	72.73	9.09	18.18
Arera.....	100	43.2	3.22	1.83	51.75
Camel Meat.....	-	-	-	-	-

Table 2.7.14 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Basketo Special Wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	35.1	4.25	0.82	59.84
Butter.....	100	55.6	39.85	0.38	4.17
Cheese.....	100	51.42	44.4	-	4.18
Beef.....	100	9	91	-	-
Mutton/Goat Meat....	100	74.21	21.58	-	4.21
Eggs.....	100	30.97	38.06	-	30.97
Honey.....	100	29.79	65.83	-	4.38
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	37.5	50	-	12.5
Arera.....	100	72.42	1.44	0.38	25.76
Camel Meat.....	-	-	-	-	-

Table 2.7.15 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Konta Special Wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	21.73	0.23	0.84	77.2
Butter.....	100	40.16	54.07	0.99	4.78
Cheese.....	100	51.21	46.95	0.13	1.71
Beef.....	-	-	-	-	-
Mutton/Goat Meat....	-	-	-	-	-
Eggs.....	100	19.65	33.57	-	46.79
Honey.....	100	36.72	62.93	0.34	-
Wax.....	100	70.37	7.41	-	22.22
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	-	-	-	-	-
Arera.....	100	37.39	1.94	0.81	59.86
Camel Meat.....	-	-	-	-	-

Table 2.7.16 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Silitie

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	30.65	-	0.39	68.96
Butter.....	100	49.83	43.83	0.22	6.12
Cheese.....	100	49.19	47.94	-	2.87
Beef.....	100	93.75	-	-	6.25
Mutton/Goat Meat....	100	93.31	-	1.92	4.77
Eggs.....	100	49.44	29.2	0.16	21.2
Honey.....	100	56.63	38.84	0.23	4.3
Wax.....	100	70	-	-	30
Sheep Hair.....	-	-	-	-	-
Skin.....	100	72.73	18.18	-	9.09
Hide.....	100	20.49	77.87	-	1.64
Arera.....	100	17.55	0.48	0.31	81.66
Camel Meat.....	-	-	-	-	-

Table 2.7.17 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Alaba Special Wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	31.51	0.53	0.35	67.61
Butter.....	100	68.28	27.65	0.15	3.92
Cheese.....	100	66.52	30.56	-	2.93
Beef.....	100	56.67	-	-	43.33
Mutton/Goat Meat....	100	100	-	-	-
Eggs.....	100	35.51	23.08	-	41.41
Honey.....	100	31.92	64.04	-	4.04
Wax.....	100	100	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	50	-	-	50
Hide.....	100	28	68	-	4
Arera.....	100	40.59	0.59	0.07	58.74
Camel Meat.....	-	-	-	-	-

Table 2.7.18 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Segen People

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	37.54	1.75	-	60.7
Butter.....	100	70.1	26.56	0.23	3.12
Cheese.....	100	100	-	-	-
Beef.....	100	55	45	-	-
Mutton/Goat Meat....	100	97.22	1.39	-	1.39
Eggs.....	100	27.38	45.6	0.1	26.92
Honey.....	100	47.14	52.62	-	0.24
Wax.....	100	33.33	66.67	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	70.97	29.03	-	-
Arera.....	100	81.02	15.1	0.16	3.72
Camel Meat.....	-	-	-	-	-

Table 2.8 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Gambela Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	70.85	11.9	0.16	17.09
Butter.....	100	76.21	19.23	0.74	3.83
Cheese.....	100	79.31	17.29	-	3.4
Beef.....	100	16.36	52.73	-	30.91
Mutton/Goat Meat....	100	76.45	16.29	-	7.26
Eggs.....	100	29.43	22.88	0.04	47.65
Honey.....	100	29.64	68.12	-	2.24
Wax.....	100	7.41	22.22	-	70.37
Sheep Hair.....	100	-	-	-	100
Skin.....	100	100	-	-	-
Hide.....	100	17.32	62.68	-	20
Arera.....	100	30.8	-	-	69.2
Camel Meat.....	100	70	30	-	-



Table 2.8.1 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Agnuwak

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	55.79	10.63	-	33.57
Butter.....	100	64.35	21.74	-	13.91
Cheese.....	100	67.65	27.65	-	4.71
Beef.....	-	-	-	-	-
Mutton/Goat Meat....	100	96.43	-	-	3.57
Eggs.....	100	22.68	24.27	0.08	52.97
Honey.....	100	28.75	70.54	-	0.71
Wax.....	100	14.29	28.57	-	57.14
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	100	50	50	-	-
Arera.....	100	53.81	-	-	46.19
Camel Meat.....	-	-	-	-	-

Table 2.8.2 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Nuware

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	80.49	16.82	0.08	2.6
Butter.....	100	100	-	-	-
Cheese.....	-	-	-	-	-
Beef.....	100	18	58	-	24
Mutton/Goat Meat....	100	51.76	27.65	-	20.59
Eggs.....	100	29.11	22.54	0.06	48.29
Honey.....	100	-	100	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	51.25	46.25	-	2.5
Arera.....	100	97.5	-	-	2.5
Camel Meat.....	100	70	30	-	-

Table 2.8.3 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Mezhenger

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	53.18	1.23	0.41	45.17
Butter.....	100	76.71	20.21	0.94	2.14
Cheese.....	100	81.25	15.56	-	3.19
Beef.....	100	-	-	-	100
Mutton/Goat Meat....	100	80.97	17.42	-	1.61
Eggs.....	100	38.58	21.79	-	39.63
Honey.....	100	30.98	65.29	-	3.73
Wax.....	100	5	20	-	75
Sheep Hair.....	100	-	-	-	100
Skin.....	-	-	-	-	-
Hide.....	100	-	70.37	-	29.63
Arera.....	100	21.96	-	-	78.04
Camel Meat.....	-	-	-	-	-

Table 2.8.4 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Itang Special

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	86.39	11.94	-	1.67
Butter.....	-	-	-	-	-
Cheese.....	-	-	-	-	-
Beef.....	-	-	-	-	-
Mutton/Goat Meat....	-	-	-	-	-
Eggs.....	100	15.5	22.38	-	62.13
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	-	-	-	-	-
Arera.....	-	-	-	-	-
Camel Meat.....	-	-	-	-	-

Table 2.9 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Harai Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	60.17	33.42	0.38	6.04
Butter.....	100	92.37	7.11	-	0.53
Cheese.....	-	-	-	-	-
Beef.....	100	27.22	-	-	72.78
Mutton/Goat Meat....	100	71.58	3.8	0.05	24.57
Eggs.....	100	45.43	38.74	-	15.83
Honey.....	100	74	21.5	-	4.5
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	7.83	-	-	92.17
Hide.....	100	2.74	-	-	97.26
Arera.....	100	91.67	-	-	8.33
Camel Meat.....	-	-	-	-	-

Table 2.10 Livestock Product percent of Utilization-Private peasant Holders, 2016/17(2009 E.C)

## Dire Dawa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	75.17	23.69	0.1	1.03
Butter.....	100	100	-	-	-
Cheese.....	-	-	-	-	-
Beef.....	-	-	-	-	-
Mutton/Goat Meat....	100	89.5	0.46	0.42	9.62
Eggs.....	100	13.04	66.43	0.52	20.02
Honey.....	100	61.84	32.47	-	5.68
Wax.....	100	-	-	-	100
Sheep Hair.....	-	-	-	-	-
Skin.....	100	50	-	-	50
Hide.....	100	74.58	-	-	25.42
Arera.....	100	96.67	-	-	3.33
Camel Meat.....	100	-	70	-	30

**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.

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

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

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

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 2016/17(2009 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		Proportions of Total Product for					
		Code	Household consumption	Seed	Sale*	Wages in Kind	Animal feed	Others
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.

