

THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA

CENTRAL STATISTICAL AGENCY

AGRICULTURAL SAMPLE SURVEY

2012/2013 (2005 E.C.)

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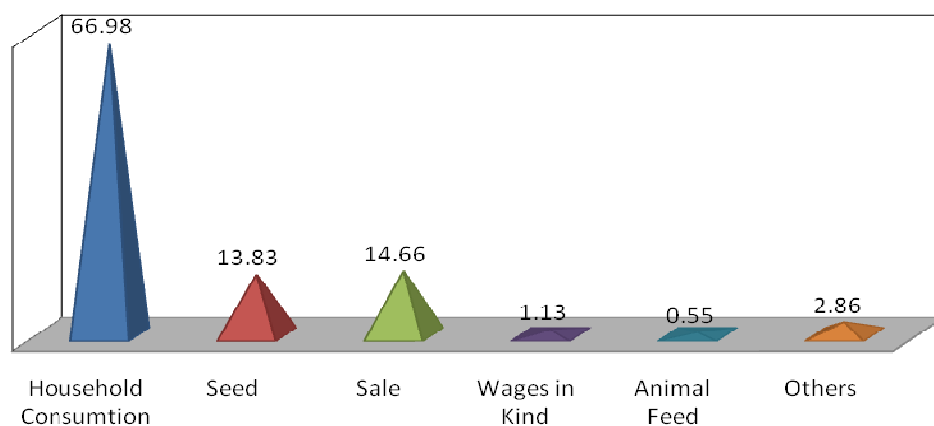
REPORT ON

CROP AND LIVESTOCK PRODUCT UTILIZATION

(PRIVATE PEASANT HOLDINGS, MEHER SEASON)

Cereals Utilization (in Percent)

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



ADDIS ABABA

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PART I

INTRODUCTION AND OBJECTIVES OF THE SURVEY

1.1 INTRODUCTION

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

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

Data on crop and livestock product utilization were collected in the 2012/13 (2005 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 2012/13 (2005 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 2012/13 (2004 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 2,249 Enumeration Areas (EAs) were selected. However, due to various reasons that are beyond control, in 35 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,214 EAs (98.44 %) 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 67,470 agricultural households, however, 65,999 (97.82%) were actually covered by the survey.

2.2 SAMPLING FRAME

The list containing EAs of all regions and their respective households obtained from the 2007 (1999 E.C) Population and Housing Census Frame was used as the sampling frame in order to select EAs (Primary Sampling Units). Consequently, all sample EAs were selected from this frame based on the design proposed for the survey. The second stage sampling units, households, were selected from a fresh list of households that were prepared for each EA at the beginning of the survey.

2.3 SAMPLE DESIGN

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

The sample size for the 2012/13 (2005 E.C.) agricultural sample survey was determined by taking into account of both the required level of precision for the most important estimates within each domain and the amount of resources allocated to the survey. In order to reduce non-sampling errors, manageability of the survey in terms of quality and operational control was also considered.

All regions were taken to be the domain of estimation for which major findings of the survey are reported.

2.4 SELECTION SCHEME

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

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

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2.5. ORGANIZATION OF FIELD WORK

The conduct of a survey cannot be executed without the arrangement of fieldwork. In recognition of this, the organization of fieldwork has been entrusted to the Branch Offices and at head office Branch Office Desk that liaises between the Head Office and the 24 Branch Statistical Offices spread across the regions. All Branch Offices took part in the survey execution especially in recruiting the enumerators, organizing the 2nd stage training, assigning the field staff to their sites of enumeration, supervising the data collection and retrieving completed questionnaires and submitting them to the Head Office for data processing.

The Branch Offices were also responsible for administering the financial and logistic aspects of the survey within their areas of operation. A total of about 2,361 enumerators, 529 field supervisors, and 66 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 Bahirdar town arranged by Head Office of CSA and lasted 6 days targeted staff from the Branch Statistical Office (head, statisticians and senior field supervisors). The staff that took part in the first stage training was then assigned to conduct similar training for the enumerators and other supervisors for 15 days in all the twenty- four Branch Statistical Offices distributed across the country.

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

2.7. METHOD OF DATA COLLECTION

Crop and livestock product utilization data for the year 2012/13 (2004 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 21 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 13 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 56 data encoders, 4 data encoder supervisors, 12 data cleaning operators and 55 personal computers. The data entered into the computers using the entry module of the CSPRO (Census and Survey Processing System) software, which is a software package developed by the United States Bureau of the Census. Following the data entry operations, the data was further reviewed for data inconsistencies, missing data ... etc. by the regular professional staff from Agriculture, Natural Resources and Environment Statistics Directorate. The final stage of the data processing was to summarizing the cleaned data and produce statistical tables that present the results of the survey using the tabulation component of the PC based CSPRO software produced by professional staff from Agriculture, Natural Resources and Environment Statistics Directorate.

2.9. CONCEPTS AND DEFINITIONS

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

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

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

Household: a household may be either:

- a) a one person household, that is a person who makes provisions for his own living 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 2012/13 (2005 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 were used for household consumption. In Ethiopia 67 percent of the cereals produced were used for household consumption. Nearly 14 percent and 15 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 54 percent and 76 per cent of the crops in the cereals group were used for own consumption and between 10 per cent and 27 per cent of these crops were used for sale. Moreover, between 9 per cent and 24 per cent of the same crops in the same group were used for seed.

As shown in Summary Table 1, about 60 per cent of pulses were used for household consumption, 15 per cent for seed and about 22 per cent for sale. The remaining 3 per cent of pulses were used for wages, animal feed and others. Considering utilization by crop type within the pulses group, between 35 per cent and 67 per

cent of the crops were utilized for household consumption and between 17 per cent and 49 per cent of crop were utilized for sale in the same crops in the same group were sold in 2012/13 (2005 E.C.). Moreover, between 12 per cent and 20 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 38 percent, 12 percent and about 48 percent were used for household consumption, seed, and sale, respectively. Taking utilization by crop type into account, between 24 per cent and nearly 60 percent of each crop type in the oilseeds category were used for household consumption, between 26 percent and nearly 62 percent for sale and about 9-15 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 79 percent, 18 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 were used for wages, animal feed and others. The percent used by crop type within the vegetables group were 65 percent – about 86 percent for household consumption, nearly 12 percent – 31 percent for sale and about 1 –2 percent for seed. For details, refer to Summary Table 1.

The utilization of root crops for household consumption was about 71 percent, and 17 percent for sale and 10 per cent for seed. The ranges of percent utilized by crop type within the root crops category fall between 56 per cent – 83 percent for

consumption, 6 percent – 36 percent for sale and about 0.33 - 18 percent for seed. The statistical table shows that root crop utilization in most of the regions is not different from that of the country level.

The survey data reveals that more than half of the permanent crops produced in the country were used for household consumption and the remaining for sale and other purposes. Summary Table 1 reveals that 56 percent of the permanent crops were used for consumption at home and about 40 percent for sale. The utilization by crop type within the permanent crop group ranges between about 30 percent and 77 percent for household consumption and between about 20 percent and 65 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	231,288,472	62.39	13.88	20.08	0.79	0.38	2.49
Cereals	196,511,516	66.95	13.52	15.29	0.88	0.53	2.83
Pulses	27,510,312	60.06	15.42	21.94	0.55	0.12	1.92
Oilseeds	7,266,644	37.69	12.3	47.53	0.79	0.04	1.66
Vegetables	8,523,083	78.34	1.04	18.98	0.24	0.03	1.39
Root Crops	36,298,617	70.74	10.24	17.24	0.13	0.58	1.07
Permanent Crops	53,096,156	55.77	0.5	40.21	0.47	0.59	2.46

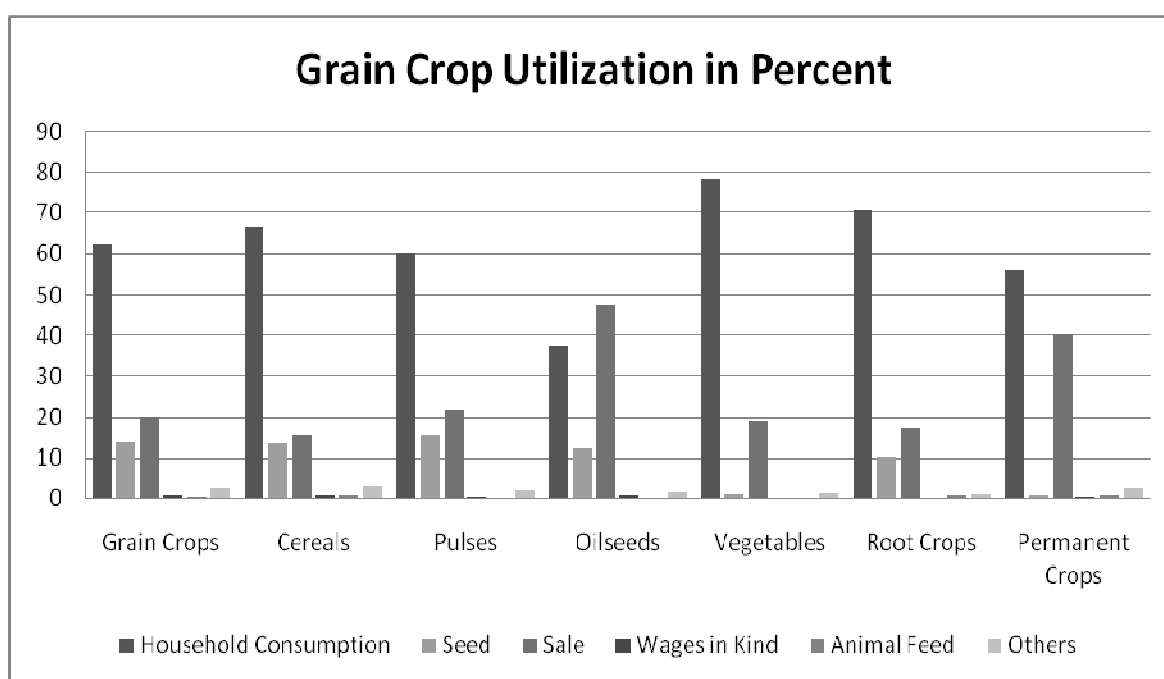


Figure 1 Percentage of Grain Crops Utilization

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

TABLE 1- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Ethiopia

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	231,288,472	62.39	13.88	20.08	0.79	0.38	2.49
Cereals	196,511,516	66.95	13.52	15.29	0.88	0.53	2.83
Teff	37,652,412	53.77	14.76	27.16	1.19	0.13	2.99
Barley	17,816,522	63.34	20.51	12.16	0.62	0.56	2.81
Wheat	34,347,061	57.83	18.83	19.4	0.73	0.09	3.12
Maize	61,583,176	75.79	9.15	11.02	0.7	0.92	2.43
Sorghum	36,042,620	74.62	10.56	10.12	0.99	0.64	3.08
Finger millet	7,422,972	71.97	11.86	11.18	1.44	0.45	3.11
Oats "Aja"	436,338	62.32	23.57	11.88	0.35	0.95	0.93
Rice	1,210,416	58.98	11.71	24.73	1.89	0.11	2.59
Pulses	27,510,312	60.06	15.42	21.94	0.55	0.12	1.92
Horse beans	9,439,642	62.64	15.84	18.56	0.62	0.04	2.3
Field peas	3,273,775	57.17	17.34	22.66	0.67	0.01	2.15
Haricot beans	4,630,085	68.6	12.16	17.49	0.38	0.09	1.28
Chick – peas	4,097,332	56.69	16.58	23.48	0.62	0.04	2.59
Lentils	1,514,999	40.95	19.99	36.64	0.56	0.01	1.86
Vetch	3,255,806	52.46	16.66	26.7	0.56	1.21	2.42
Soya beans	636,531	34.89	13.33	49.18	1.43	0.46	0.71
Fenugreek	293,335	55.57	15.39	27.9	0.14	0.11	0.88
Gibto	368,808	41.03	17.29	37.49	1.1	-	3.1
Oilseeds	7,266,644	37.69	12.3	47.53	0.79	0.04	1.66
Neug	2,124,155	26.96	12.75	57.85	0.83	0.02	1.59
Linseed	1,220,643	54.46	14.64	29.26	0.38	0.03	1.24
Groundnuts	1,244,188	29.8	14.53	51.93	1.26	0.02	2.48
Safflower	132,794	60.43	9.67	26.46	0.14	0.35	2.94
Sesame	1,813,761	23.71	11.53	61.88	1.62	-	1.26
Rapeseed	731,104	45.16	9.24	43.54	0.23	0.05	1.78
Vegetables	8,523,083	78.34	1.04	18.98	0.24	0.03	1.39
Lettuce	1,358	76.42	1.35	18.38	-	1.35	2.5
Head cabbage	232,247	74.8	0.5	23.64	0.07	0.11	0.88
Ethiopian cabbage	3,709,952	85.24	0.65	12.16	0.1	0.03	1.83
Tomatoes	555,143	56.34	0.98	40.42	0.33	-	1.93
Green peppers	855,478	82.99	0.87	14.82	0.08	-	1.23
Red peppers	3,165,615	67.75	1.86	28.99	0.57	0.01	0.82
Swiss chard	3,290	86.89	0.37	12.14	-	-	0.61
Root Crops	36,298,617	70.74	10.24	17.24	0.13	0.58	1.07
Beetroot	168,485	78.45	0.33	20.19	0.01	0.12	0.89
Carrot	51,047	72.79	1.07	25.15	-	0.05	0.93
Onion	2,191,886	55.63	6.65	36.44	0.16	0.06	1.06
Potatoes	8,633,478	65.92	17.53	15.26	0.16	0.03	1.09
Garlic	2,225,479	58	16.73	24.38	0.12	0.01	0.76
Taro / 'Godere'	11,177,734	81.84	10.33	6.09	0.18	0.48	1.08
Sweet potatoes	11,850,508	82.68	0.96	12.29	0.11	2.43	1.54
Permanent crops	53,096,156	55.77	0.5	40.21	0.47	0.59	2.46
Avocados	256,332	53.88	0.16	43.86	0.17	0.19	1.74
Bananas	3,025,022	50.1	0.4	47.18	0.12	0.12	2.09
Guavas	11,730	66.55	0.53	26.27	0.05	0.02	6.58
Lemons	55,168	34.41	0.21	59.45	0.06	-	5.87
Mangoes	697,507	58.28	0.34	37.6	0.11	0.03	3.64
Oranges	357,458	56.19	0.52	40.16	0.12	0.01	3.01
Papayas	386,943	76.93	0.17	20.08	0.07	0.08	2.68
Pineapples	3,200	58.9	0.94	38.68	-	-	1.48
Chat	1,589,481	29.95	0.58	64.73	0.4	0.02	4.32
Coffee	2,755,299	49.61	0.56	47.75	0.79	0.01	1.29
Hops (Gesho)	217,922	56.56	0.83	40.75	0.14	0.04	1.68
Enset	24,141,615	84.07	0.41	10.49	0.99	1.7	2.33
Sugar cane	5,121,209	44.93	0.92	45.58	0.3	5.34	2.93

TABLE 1.1: CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Tigray

Type of Crop	Total Production (Quintal)	Percent Utilized		For			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	15,463,990	65.79	13.99	15.49	0.89	0.82	3.02
Cereals	13,887,383	69.11	14.43	11.03	0.95	1.04	3.45
Teff	2,122,235	65.15	14.61	16	0.72	0.22	3.3
Barley	1,588,109	67.43	19.44	8.61	0.65	0.11	3.77
Wheat	2,052,725	65.83	20.19	9.77	0.66	0.13	3.42
Maize	1,611,595	77.15	10.37	6.07	0.86	2.65	2.9
Sorghum	5,051,384	69.43	11.91	11.53	1.53	1.7	3.91
Finger millet	1,391,750	66.41	12.2	15.87	1.3	0.55	3.67
Oats "Aja"	10,333	81.6	7.4	10	-	-	1
Rice	59,252	25.2	9.27	65.53	-	-	-
Pulses	836,909	67.54	13.92	16.56	0.32	0.1	1.55
Horse beans	312,752	69.63	14.09	14.24	0.38	0.08	1.58
Field peas	85,515	64.49	15.8	17.87	0.31	-	1.53
Haricot beans	21,787	76.45	7.93	11	1	0.93	2.68
Chick – peas	145,310	69.64	12.72	16.35	0.13	0.15	1.01
Lentils	87,512	52.77	15.6	28.93	0.45	-	2.25
Vetch	175,615	70.1	14.7	13.6	0.06	-	1.55
Soya beans	2,818	90	10	-	-	-	-
Fenugreek	5,599	66.75	13.16	19.8	-	-	0.3
Gibto	-	-	-	-	-	-	-
Oilseeds	739,698	30.9	9.99	55.74	1.49	0.09	1.79
Neug	59,372	47.06	10.46	36.47	2	0.3	3.7
Linseed	89,475	62.19	11.05	24.33	0.28	0.14	2.01
Groundnuts	2,993	34.71	27.43	37.86	-	-	-
Safflower	314	78.57	12.14	7.86	-	-	1.43
Sesame	579,332	9.78	9.07	77.93	2.02	0.01	1.2
Rapeseed	8,213	38.4	4.6	56	-	-	1
Vegetables	110,885	81.38	2.92	14.02	0.28	-	1.39
Lettuce	137	65	-	35	-	-	-
Head cabbage	10,644	30.42	2.5	61	0.67	-	5.42
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	25,086	41.92	5.54	49.42	0.17	-	2.96
Green peppers	38,635	84.78	2.73	11.27	0.22	-	0.99
Red peppers	36,376	85.27	2.92	10.07	0.32	-	1.42
Swiss chard	6	65	-	35	-	-	-
Root Crops	68,117	54.63	8.48	34.57	0.61	-	1.72
Beetroot	1,513	17.5	-	70	-	-	12.5
Carrot	2,143	9.08	0.38	86.31	-	-	4.23
Onion	14,334	62.08	0.92	34.51	1.53	-	0.96
Potatoes	-	-	-	-	-	-	-
Garlic	50,127	55.49	11.38	31.1	0.24	-	1.79
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	110,663	53.65	1.08	42.13	0.34	-	2.8
Avocados	-	-	-	-	-	-	-
Bananas	4,281	32.21	7.14	57.86	-	-	2.79
Guavas	842	44.55	1.98	45.8	0.34	-	7.34
Lemons	1,464	38.86	0.1	54.1	0.71	-	6.24
Mangoes	3,604	51.86	-	46	-	-	2.14
Oranges	1,980	38.26	0.05	56.42	0.53	-	4.74
Papayas	49,457	49.71	0.35	46.84	0.16	-	2.94
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	49,036	58.67	0.82	37.97	0.32	-	2.22
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.1.1- CROP PRODUCTION AND PERCENT OF UTILIZATION

ALL HOLDINGS

North West Tigray

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	3,768,861	66.4	10.78	17.93	1.08	1.9	1.92
Cereals	3,519,352	69.53	11.2	13.81	1.21	2.27	1.98
Teff	555,412	67.55	12.21	15.59	1.24	0.92	2.5
Barley	13,292	58.62	15.28	21.03	1.66	0.38	3.03
Wheat	2,191	68	9	19	1	-	3
Maize	836,022	75.78	9.76	7.13	1.24	4.32	1.77
Sorghum	1,292,911	67.94	12.01	14.47	1.38	2.53	1.67
Finger millet	818,812	66.03	11.11	19.06	0.98	0.8	2.02
Oats "Aja"	-	-	-	-	-	-	-
Rice	712	29	5.5	65.5	-	-	-
Pulses	123,505	71.79	10.43	14.69	0.69	0.4	2.02
Horse beans	45,734	68.26	12.31	14.75	1.1	0.57	3.01
Field peas	964	55.67	16.83	17.5	5	-	5
Haricot beans	1,127	79.69	6.85	11.92	0.38	0.38	0.77
Chick – peas	70,245	73.24	9.33	15.93	0.06	0.29	1.15
Lentils	-	-	-	-	-	-	-
Vetch	5,430	90	3.33	6.67	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	7	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	126,004	30.28	7.28	60.68	0.31	0.28	1.18
Neug	33,984	45.92	6.42	42.87	1.05	0.79	2.95
Linseed	9,177	63.93	5.71	26.89	0.36	0.54	2.57
Groundnuts	-	-	-	-	-	-	-
Safflower	239	-	-	-	-	-	-
Sesame	74,392	13.73	8.14	78.13	-	-	-
Rapeseed	8,213	32	3	60	-	-	5
Vegetables	60,480	85.79	4.06	9.22	0.09	-	0.84
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	20,521	60	20	20	-	-	-
Green peppers	12,715	91.11	6.49	1.73	-	-	0.68
Red peppers	27,244	85.38	3.3	10.31	0.12	-	0.89
Swiss chard	-	-	-	-	-	-	-
Root Crops	5,189	55	4.69	32.81	0.94	-	6.56
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	80	72.5	-	27.5	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	5,109	55.77	5.38	30	1.15	-	7.69
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	12,836	42.03	4.18	49.68	0.28	-	3.83
Avocados	-	-	-	-	-	-	-
Bananas	17	5	95	-	-	-	-
Guavas	66	37	17	46	-	-	-
Lemons	260	35.83	0.17	55.67	-	-	8.33
Mangoes	671	20	-	80	-	-	-
Oranges	109	53.75	-	46.25	-	-	-
Papayas	1,809	39.78	-	56.22	-	-	4
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	9,904	43.4	2.71	48.98	0.48	-	4.43
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.1.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Central Tigray							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	3,315,585	71.94	13.72	11.3	0.65	0.32	2.07
Cereals	3,043,388	73.19	14.18	9.03	0.78	0.41	2.4
Teff	868,706	67.88	15.64	13.42	0.55	-	2.51
Barley	311,445	74.13	14.53	7.33	1.11	0.29	2.6
Wheat	585,218	70.76	16.88	7.73	1.09	0.23	3.32
Maize	430,021	80.02	11.15	6.11	0.65	0.62	1.45
Sorghum	653,694	73.38	14.12	8.34	0.74	1.25	2.17
Finger millet	194,305	71.75	13.49	10.75	0.79	-	3.23
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	224,222	71.52	12.08	15.33	0.16	0.02	0.89
Horse beans	121,387	76.71	12.12	10.27	0.19	-	0.71
Field peas	10,975	83.61	5.33	11.06	-	-	-
Haricot beans	16,599	81.77	3.73	12	0.5	0.33	1.67
Chick – peas	21,115	70.57	13.11	15.98	-	-	0.34
Lentils	29,942	48.31	16.33	33.48	0.19	-	1.69
Vetch	21,536	73.62	10.12	13.19	-	-	3.08
Soya beans	-	-	-	-	-	-	-
Fenugreek	2,669	54	15.55	30.45	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	47,975	52.23	12.34	33.86	0.34	-	1.24
Neug	3,135	59.26	16.07	23.56	-	-	1.11
Linseed	30,932	56.81	11.57	29.62	0.44	-	1.56
Groundnuts	456	75	20	5	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	13,452	13.82	9.41	75.59	0.59	-	0.59
Rapeseed	-	-	-	-	-	-	-
Vegetables	28,188	87.39	1.09	10.38	0.41	-	0.73
Lettuce	88	68.33	-	31.67	-	-	-
Head cabbage	7,168	20	-	74.25	2	-	3.75
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	965	16.67	-	75	-	-	8.33
Green peppers	17,212	95.34	0.89	3.06	-	-	0.71
Red peppers	2,756	84.05	1.92	12.74	1.28	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	47,458	56.23	4.96	35.41	1.17	-	2.22
Beetroot	1,513	17.5	-	70	-	-	12.5
Carrot	2,143	18.75	-	68.75	-	-	12.5
Onion	8,635	44.54	1.92	45.85	5.77	-	1.92
Potatoes	-	-	-	-	-	-	-
Garlic	35,168	61.97	6.22	30.63	0.34	-	0.85
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	19,170	59.53	0.65	38.53	0.33	-	0.96
Avocados	-	-	-	-	-	-	-
Bananas	30	50	-	50	-	-	-
Guavas	74	52.5	-	40.83	-	-	6.67
Lemons	400	100	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	573	27.5	-	72.5	-	-	-
Papayas	346	10	-	90	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	17,748	58.18	0.82	39.93	0.41	-	0.66
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

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
Grain Crops	1,436,680	66.26	19.51	11	0.26	0.19	2.79
Cereals	1,236,597	66.61	19.53	9.94	0.27	0.24	3.39
Teff	108,045	58.94	17.68	19.94	0.12	-	3.32
Barley	435,384	65.82	22.36	7.55	0.13	0.04	4.1
Wheat	503,978	65.32	21.35	9.53	0.38	-	3.42
Maize	70,871	74.74	15.12	5.77	0.61	1.54	2.22
Sorghum	65,198	75.47	14.84	6.68	-	-	3.01
Finger millet	53,121	64.41	16.58	15.33	0.15	0.26	3.28
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	193,933	64.16	20.23	14.26	0.23	-	1.13
Horse beans	71,776	63.04	22.37	13.13	0.28	-	1.19
Field peas	35,721	65.88	20.22	12.32	0.17	-	1.42
Haricot beans	10	75	10	7.5	-	-	7.5
Chick – peas	19,640	50	23.32	26.03	0.16	-	0.48
Lentils	7,666	60.23	20.59	16.91	1.14	-	1.14
Vetch	58,416	67.49	17.72	13.91	-	-	0.87
Soya beans	-	-	-	-	-	-	-
Fenugreek	703	78.04	11.74	9.13	-	-	1.09
Gibto	-	-	-	-	-	-	-
Oilseeds	6,150	73.02	13.72	12.72	0.22	0.22	0.11
Neug	46	100	-	-	-	-	-
Linseed	6,028	71.8	14.34	13.3	0.23	0.23	0.11
Groundnuts	-	-	-	-	-	-	-
Safflower	76	100	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	13,152	69.15	3.33	26.49	1.03	-	-
Lettuce	50	100	-	-	-	-	-
Head cabbage	3,464	62.5	7.5	30	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	3,600	64.29	2.86	32.86	-	-	-
Green peppers	5,531	67.26	3.48	27.52	1.74	-	-
Red peppers	501	83.33	-	16.67	-	-	-
Swiss chard	6	100	-	-	-	-	-
Root Crops	9,944	69.65	5.16	24.49	-	-	0.7
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	5,617	81.82	1.82	14.55	-	-	1.82
Potatoes	-	-	-	-	-	-	-
Garlic	4,327	82.86	4.14	12.52	-	-	0.48
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	15,676	65.8	0.25	29.55	0.25	-	4.15
Avocados	-	-	-	-	-	-	-
Bananas	64	100	-	-	-	-	-
Guavas	666	47.38	-	39.62	0.48	-	12.52
Lemons	44	16.67	-	83.33	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	158	34	-	50	-	-	16
Papayas	57	5	-	95	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	14,688	74.65	0.36	22.9	0.24	-	1.85
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.1.4- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Southern Tigray							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	3,492,921	65.34	16.07	14.41	0.5	0.08	3.6
Cereals	3,179,984	66.8	16.81	11.65	0.6	0.1	4.05
Teff	520,806	62.6	14.54	17.97	0.52	-	4.36
Barley	804,621	65.38	21.24	8.7	0.61	0.01	4.06
Wheat	948,781	63.17	21.79	10.88	0.63	0.15	3.39
Maize	89,978	82.01	9.2	6.08	0.26	0.42	2.02
Sorghum	798,592	66.79	10.51	14.97	0.99	-	6.74
Finger millet	6,872	66.33	16.83	16	-	-	0.83
Oats "Aja"	10,333	86.25	6.25	6.25	-	-	1.25
Rice	-	-	-	-	-	-	-
Pulses	264,208	61.52	13.62	22.96	0.12	-	1.77
Horse beans	61,229	58.5	12.24	26.97	0.32	-	1.97
Field peas	37,000	58.14	14	26.6	-	-	1.26
Haricot beans	1,897	71.25	18.33	10.42	-	-	-
Chick – peas	23,324	78.31	12.42	8	-	-	1.27
Lentils	48,305	47.14	15.59	34.5	-	-	2.76
Vetch	90,233	70.51	13.9	13.73	0.14	-	1.71
Soya beans	-	-	-	-	-	-	-
Fenugreek	2,220	79.25	10	10.75	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	48,729	54.04	12.36	30.7	0.23	-	2.66
Neug	775	58	24	18	-	-	-
Linseed	42,936	60.48	11.02	24.95	0.14	-	3.41
Groundnuts	2,537	18.6	30.4	51	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	2,481	32.55	6	59.73	1.09	-	0.64
Rapeseed	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.1.5- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Western Tigray							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	3,449,943	53.6	9.79	26.52	2.36	2.07	5.66
Cereals	2,908,063	66.65	10.02	11.18	2.24	2.94	6.98
Teff	69,266	58.45	12.81	19.79	1.53	-	7.41
Barley	23,368	52.39	14.3	22.09	1.09	0.22	9.91
Wheat	12,558	53.58	13.67	24.42	-	0.83	7.5
Maize	184,703	72.74	8.56	4.63	1.17	5.3	7.59
Sorghum	2,240,988	67.91	10.22	10.21	3.05	2.8	5.82
Finger millet	318,640	62.47	10.22	14.98	3.33	0.83	8.17
Oats "Aja"	-	-	-	-	-	-	-
Rice	58,540	19.17	9.83	71	-	-	-
Pulses	31,040	72.32	9.17	11.65	1.49	0.64	4.73
Horse beans	12,626	73.06	9.85	12.6	0.58	-	3.92
Field peas	855	28.33	13.33	48.33	-	-	10
Haricot beans	2,156	68.89	8.56	9.44	3.06	3.06	7
Chick – peas	10,986	74.25	6.38	12.5	1.88	0.63	4.38
Lentils	1,599	81	7.5	2.5	4	-	5
Vetch	-	-	-	-	-	-	-
Soya beans	2,818	90	10	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	510,840	12.27	9.33	73.18	2.92	0.04	2.25
Neug	21,431	38.11	9.2	41.8	4.32	0.11	6.45
Linseed	402	63.75	3.75	27.5	-	1.25	3.75
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	489,008	7.46	9.45	78.67	2.77	0.02	1.63
Rapeseed	-	-	-	-	-	-	-
Vegetables	9,065	84.52	1.99	9.74	0.32	-	3.43
Lettuce	-	-	-	-	-	-	-
Head cabbage	13	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	3,178	74.67	5.67	14.33	-	-	5.33
Red peppers	5,875	90.51	1.45	4.89	0.35	-	2.8
Swiss chard	-	-	-	-	-	-	-
Root Crops	5,526	49.89	16.94	32.22	-	-	0.94
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	3	98	-	-	-	-	2
Potatoes	-	-	-	-	-	-	-
Garlic	5,523	47.06	17.94	34.12	-	-	0.88
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	62,980	43.53	0.78	49.77	0.54	-	5.37
Avocados	-	-	-	-	-	-	-
Bananas	4,171	27.6	1	63.6	-	-	7.8
Guavas	36	50	0.4	44.6	1	-	4
Lemons	760	41	0.09	50.18	1.36	-	7.36
Mangoes	2,933	36.67	-	58.33	-	-	5
Oranges	1,140	34	0.17	62.5	1.67	-	1.67
Papayas	47,245	50.62	0.85	43.92	0.38	-	4.23
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	6,696	37.64	1.21	54	0.3	-	6.85
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	195,769	63.37	7.63	22.55	0.46	1.58	4.41
Cereals	195,769	66.33	7.97	18.75	0.5	1.67	4.79
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	188,483	63.18	8.45	19.63	0.45	2.51	5.77
Sorghum	7,287	78.13	8.67	10.21	0.21	-	2.79
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.2.1- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Zone 1

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	195,769	58.1	9.75	21.22	0.47	2.62	7.85
Cereals	195,769	58.1	9.75	21.22	0.47	2.62	7.85
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	188,483	54.78	9.71	24.59	0.54	3.03	7.35
Sorghum	7,287	79.38	12.5	-	-	-	8.13
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.2.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Zone 3

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	-	-	-	-	-	-	-
Cereals	-	-	-	-	-	-	-
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-
Sorghum	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-
Permanent crops	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.3- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Amhara Region							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	73,122,044	62.14	13.88	19	1.31	0.1	3.58
Cereals	59,051,698	68.75	13.13	12.49	1.5	0.12	4.02
Teff	15,281,977	58.36	12.48	22.26	1.96	0.03	4.93
Barley	5,905,028	66.19	20.78	7.4	1.06	0.11	4.46
Wheat	8,885,686	64.25	18.52	11.53	1.17	0.06	4.46
Maize	12,629,729	81.31	6.86	8.49	1.23	0.28	1.84
Sorghum	11,227,670	74	9.89	9.28	1.48	0.1	5.25
Finger millet	4,076,439	71	11.1	11.56	2.7	0.05	3.59
Oats "Aja"	42,942	66.45	25.4	5.1	1.37	0.26	1.43
Rice	1,002,228	58.7	12.58	24.32	1.9	-	2.5
Pulses	11,653,125	55.57	16.94	23.15	0.99	0.09	3.26
Horse beans	3,717,381	64.54	16.35	14.69	1.07	0.04	3.3
Field peas	1,156,330	61.43	17.4	16.89	0.84	-	3.44
Haricot beans	1,122,650	51.66	14.48	29.38	1.19	0.03	3.26
Chick – peas	2,250,806	58.72	17.01	19.36	1.03	0.01	3.87
Lentils	950,401	33.35	21.91	41.1	0.82	0.01	2.81
Vetch	1,902,018	53.18	16.18	25.28	0.99	0.57	3.79
Soya beans	47,902	25.74	15.52	43.56	7.59	3.7	3.89
Fenugreek	136,993	49.19	15.11	33.98	0.42	-	1.3
Gibto	368,645	40.57	17.19	37.92	1.13	-	3.19
Oilseeds	2,417,221	45.37	10.57	40.75	1.08	0.04	2.2
Neug	756,397	35.39	10.89	49.26	1.65	-	2.81
Linseed	273,637	62.27	14.81	20.39	0.65	0.02	1.85
Groundnuts	44,453	36.2	13.36	42.01	3.25	0.19	5
Safflower	93,422	60.45	9.73	26.08	0.18	0.23	3.33
Sesame	765,396	34.8	11.31	49.77	2.09	-	2.03
Rapeseed	483,917	39.94	5.5	52.74	0.37	0.03	1.43
Vegetables	1,308,636	82.95	1.35	14.29	0.55	-	0.86
Lettuce	353	81.58	-	15.79	-	-	2.63
Head cabbage	61,795	62.08	0.84	36.48	0.35	-	0.24
Ethiopian cabbage	92,347	92.26	1.39	5.13	0.04	-	1.18
Tomatoes	53,251	70.6	0.18	26.84	0.97	-	1.41
Green peppers	120,174	83.81	0.98	14.55	0.06	-	0.6
Red peppers	979,019	82.8	1.54	14.03	0.77	0.01	0.85
Swiss chard	1,697	93.08	0.77	6.15	-	-	-
Root Crops	5,764,218	65.49	12.13	21.31	0.16	0.03	0.88
Beetroot	15,049	59.77	2.73	36.96	-	0.33	0.2
Carrot	7,744	44.16	3.3	52.19	-	-	0.35
Onion	999,726	52.66	6.95	38.86	0.22	-	1.31
Potatoes	3,488,358	80.38	8.37	9.63	0.18	0.06	1.4
Garlic	1,153,393	61.9	15.44	21.87	0.16	0.01	0.63
Taro / 'Godere'	196	65	10	25	-	-	-
Sweet potatoes	99,752	86.53	3.62	9.64	-	-	0.21
Permanent crops	699,994	58.86	0.64	38.51	0.15	0.08	1.76
Avocados	-	-	-	-	-	-	-
Bananas	14,966	48.22	-	50.2	-	-	1.59
Guavas	3,304	58.75	1.51	37.02	0.05	-	2.67
Lemons	40,056	28.57	1.03	67.28	0.02	-	3.09
Mangoes	10,409	45.96	1.73	51.73	-	-	0.58
Oranges	128,315	45.07	0.14	52.21	0.24	-	2.35
Papayas	12,889	61.98	-	36.83	-	-	1.18
Pineapples	-	-	-	-	-	-	-
Chat	61,024	15.04	0.47	82.39	-	-	2.1
Coffee	24,578	73.9	0.06	25.52	0.04	-	0.47
Hops (Gesho)	104,972	69.57	0.84	27.4	0.19	0.07	1.93
Enset	-	-	-	-	-	-	-
Sugar cane	299,481	36.52	0.48	58.81	1.05	0.48	2.67

TABLE 1.3.1- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

North Gonder							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	15,199,712	59.92	12.11	24.02	1.73	0.18	2.05
Cereals	12,324,448	66.63	12.46	16.55	1.69	0.14	2.53
Teff	2,069,415	54.05	12.44	29.11	2.4	0.04	1.96
Barley	942,047	67.13	17.8	10.85	1.59	0.05	2.57
Wheat	1,477,421	64.38	18.09	13.48	1.95	-	2.1
Maize	2,060,730	76	9.1	11.9	0.83	0.48	1.68
Sorghum	4,281,908	67.16	11.16	15.92	2.29	0.06	3.41
Finger millet	1,432,631	67.6	11.31	16.34	0.96	-	3.79
Oats "Aja"	7,014	65	5	17.5	12.5	-	-
Rice	53,283	52.46	8.46	33.31	3.85	-	1.92
Pulses	1,996,041	55.46	13.1	28.25	1.31	0.41	1.47
Horse beans	540,222	62.86	12.2	22.95	1.06	-	0.94
Field peas	195,708	64.54	13.8	19.07	0.87	-	1.72
Haricot beans	43,699	70.93	10.18	11.85	2.75	-	4.3
Chick – peas	825,741	56.9	15	24.43	2.02	-	1.65
Lentils	200,001	33.44	16.58	47.6	1.22	-	1.16
Vetch	159,973	31.84	13.4	45.46	1.14	5.44	2.72
Soya beans	-	-	-	-	-	-	-
Fenugreek	30,697	45.09	7.22	47.33	0.27	-	0.09
Gibto	-	-	-	-	-	-	-
Oilseeds	879,223	36.23	8.95	51.53	2.53	-	0.76
Neug	206,095	20.02	9.96	66.91	2.16	-	0.94
Linseed	72,223	68.99	8.26	20.61	1.36	-	0.78
Groundnuts	1,091	50	15	35	-	-	-
Safflower	16,302	72.45	8.95	17.29	-	-	1.32
Sesame	557,132	8.78	10.27	75.86	4.8	-	0.29
Rapeseed	26,381	57.55	3.09	37.45	0.21	-	1.7
Vegetables	185,897	82.35	2.67	14.08	0.19	-	0.71
Lettuce	-	-	-	-	-	-	-
Head cabbage	3,918	51.54	3.85	44.23	-	-	0.38
Ethiopian cabbage	11,430	95.79	0.53	2.24	-	-	1.45
Tomatoes	15,486	42.5	0.44	56.56	-	-	0.5
Green peppers	35,212	64.46	1.08	34.41	-	-	0.05
Red peppers	119,851	85.88	3.2	9.95	0.25	-	0.72
Swiss chard	-	-	-	-	-	-	-
Root Crops	965,955	65.77	8.28	24.92	0.19	-	0.83
Beetroot	-	-	-	-	-	-	-
Carrot	52	95	-	5	-	-	-
Onion	105,948	30.55	2.45	67	-	-	-
Potatoes	541,002	90.2	3.14	5.72	0.07	-	0.87
Garlic	306,655	57.84	11.99	28.93	0.29	-	0.95
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	12,297	73.33	3.33	23.33	-	-	-
Permanent crops	51,580	46.37	0.32	52.13	-	-	1.18
Avocados	-	-	-	-	-	-	-
Bananas	1,937	31.33	-	67.83	-	-	0.83
Guavas	-	-	-	-	-	-	-
Lemons	25,666	9.41	-	90.14	-	-	0.45
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	738	28.64	-	71.36	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	385	5	-	95	-	-	-
Coffee	3,049	57.42	-	41.13	-	-	1.45
Hops (Gesho)	19,805	55.59	0.54	42.33	-	-	1.54
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.3.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

South Gonder							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	8,311,014	64.05	13.47	18.48	0.81	0.03	3.16
Cereals	6,450,970	70.84	13.97	10.51	1.11	-	3.57
Teff	2,042,504	65	13.99	15.35	1.55	-	4.11
Barley	593,205	71.86	15.99	7.27	0.89	-	3.99
Wheat	1,420,527	68.49	17.14	9.54	0.31	0.02	4.5
Maize	860,657	80.64	10.77	5.52	0.91	-	2.16
Sorghum	269,033	74.19	10.43	8.15	2.62	-	4.61
Finger millet	333,747	74.31	11.65	10.58	1.66	-	1.8
Oats "Aja"	2,294	66.88	16.25	13.13	3.75	-	-
Rice	929,003	60.48	12.82	23.28	1.2	-	2.22
Pulses	1,585,573	59.83	14.16	22.35	0.5	0.1	3.05
Horse beans	269,786	67.03	13.99	15.36	0.41	-	3.2
Field peas	146,686	67.15	12.44	16.34	0.62	-	3.45
Haricot beans	164,124	37.48	17.73	41	0.61	0.37	2.81
Chick – peas	293,870	65.27	14.48	17.32	0.3	-	2.62
Lentils	58,657	32.66	16.23	48.98	0.28	-	1.85
Vetch	564,994	59.47	13.95	21.17	0.9	0.38	4.14
Soya beans	-	-	-	-	-	-	-
Fenugreek	3,402	55.27	10.64	34.09	-	-	-
Gibto	84,054	62.42	12.94	22.93	-	-	1.72
Oilseeds	274,471	43.76	9.42	45.05	0.21	-	1.56
Neug	152,938	26.2	10.86	60.36	-	-	2.58
Linseed	45,585	62.47	10.33	25.34	0.53	-	1.32
Groundnuts	-	-	-	-	-	-	-
Safflower	5,153	47.1	4.71	44.14	-	-	4.05
Sesame	4,496	64.17	6.25	28.33	1.25	-	-
Rapeseed	66,299	36.86	8.13	54.34	-	-	0.68
Vegetables	76,444	84.59	0.88	13.15	0.17	-	1.21
Lettuce	-	-	-	-	-	-	-
Head cabbage	609	66.1	-	33.9	-	-	-
Ethiopian cabbage	4,845	91.15	-	8.31	-	-	0.54
Tomatoes	-	-	-	-	-	-	-
Green peppers	3,961	92.33	-	5.83	-	-	1.83
Red peppers	66,748	83.79	1.2	13.75	0.23	-	1.02
Swiss chard	282	91.43	-	8.57	-	-	-
Root Crops	1,204,622	72.88	11.92	14.45	-	-	0.75
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	1,095,979	85.16	7.74	5.46	-	-	1.63
Garlic	106,681	66.31	14.59	18.84	-	-	0.25
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	1,962	-	-	-	-	-	-
Permanent crops	20,789	61.75	0.95	35.68	0.22	0.1	1.3
Avocados	-	-	-	-	-	-	-
Bananas	139	54.62	-	36.15	-	-	9.23
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	295	58	-	38	-	-	4
Papayas	1,250	67.91	-	28.45	-	-	3.64
Pineapples	-	-	-	-	-	-	-
Chat	257	-	-	100	-	-	-
Coffee	12	68.75	1.25	28.75	-	-	1.25
Hops (Gesho)	6,135	66.44	1.15	31.44	0.27	0.13	0.57
Enset	-	-	-	-	-	-	-
Sugar cane	12,701	12	-	80	-	-	8

TABLE 1.3.3- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

North Wolo							
Type of Crop	Total Production (Quintal)	Percent		Utilized for			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	3,870,682	66.9	14.83	11.85	0.16	0.06	6.21
Cereals	3,003,863	73.42	13.26	6.53	0.17	0.1	6.52
Teff	807,914	68.1	10.27	12.02	0.09	0.12	9.41
Barley	663,124	71.27	17.47	4.12	0.42	0.02	6.7
Wheat	420,760	68	17.17	5.24	0.14	0.04	9.4
Maize	94,257	86.7	10.19	1.36	0.04	0.39	1.32
Sorghum	979,868	77.54	8.39	9.2	0.1	0.02	4.75
Finger millet	30,523	85.5	9.81	3.83	-	-	0.86
Oats "Aja"	7,418	62.19	32.07	2.22	-	-	3.52
Rice	-	-	-	-	-	-	-
Pulses	794,839	55.47	17.97	20.44	0.18	0.01	5.94
Horse beans	298,601	66.64	17.59	7.34	-	-	8.42
Field peas	124,682	60.93	18.66	15.28	0.15	-	4.98
Haricot beans	96,660	42.11	16.62	36.99	-	-	4.28
Chick – peas	110,487	63.7	15.37	13.01	-	0.1	7.82
Lentils	121,477	34.68	20.89	38.76	0.77	-	4.9
Vetch	28,397	62	15.85	17.35	-	-	4.79
Soya beans	-	-	-	-	-	-	-
Fenugreek	14,535	52.49	17.03	28	-	-	2.47
Gibto	-	-	-	-	-	-	-
Oilseeds	71,980	64.51	13.92	16.5	-	-	5.08
Neug	5,813	73.52	11.67	5.56	-	-	9.26
Linseed	50,835	67.08	15.53	13.9	-	-	3.48
Groundnuts	-	-	-	-	-	-	-
Safflower	7,985	53.92	9.32	28.92	-	-	7.84
Sesame	7,282	48.92	11.42	31	-	-	8.65
Rapeseed	66	84	16	-	-	-	-
Vegetables	65,190	89.31	0.45	9.72	0.11	-	0.41
Lettuce	-	-	-	-	-	-	-
Head cabbage	3,954	63.57	-	34.64	-	-	1.79
Ethiopian cabbage	14,116	92.92	0.4	6.55	0.13	-	-
Tomatoes	16,235	51.67	-	48.33	-	-	-
Green peppers	16,727	95.53	1.33	2.54	0.33	-	0.26
Red peppers	14,158	88.25	0.22	10.69	-	-	0.85
Swiss chard	-	-	-	-	-	-	-
Root Crops	278,699	58.38	15.03	25.01	0.16	-	1.43
Beetroot	-	-	-	-	-	-	-
Carrot	1,585	29	-	68	-	-	3
Onion	71,551	30.76	10.98	55.7	-	-	2.57
Potatoes	127,420	82.52	9.07	7.2	0.59	-	0.63
Garlic	72,298	55.32	19.08	24.08	0.02	-	1.49
Taro / 'Godere'	196	-	-	-	-	-	-
Sweet potatoes	5,649	73.33	-	25	-	-	1.67
Permanent crops	34,854	60.86	0.17	36.93	0.04	0.14	1.86
Avocados	-	-	-	-	-	-	-
Bananas	1,825	57	-	42.67	-	-	0.33
Guavas	1,661	53.5	-	46	-	-	0.5
Lemons	169	6.67	-	88.33	-	-	5
Mangoes	1,017	28.33	-	71.67	-	-	-
Oranges	11,761	45.71	-	52.32	-	-	1.96
Papayas	3,489	60.56	-	39.44	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	34	28.57	-	71.43	-	-	-
Coffee	2,338	81.27	-	18.73	-	-	-
Hops (Gesho)	5,525	64.16	0.39	31.68	0.1	-	3.66
Enset	-	-	-	-	-	-	-
Sugar cane	7,033	37.06	-	59.19	-	3.13	0.63

TABLE 1.3.4- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

South Wolo							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	7,090,758	62.44	19.57	12.78	1.6	0.06	3.54
Cereals	5,334,123	68.58	18.77	6.39	1.88	0.08	4.3
Teff	1,574,871	67.64	13.9	11.05	3.16	-	4.24
Barley	730,040	59.7	31.01	3.55	1.06	0.1	4.58
Wheat	1,305,954	64.67	22.6	7.06	1.46	0.07	4.13
Maize	370,278	81.41	10.78	3.79	0.97	0.19	2.85
Sorghum	1,296,462	74.57	10.92	5.43	2.45	0.04	6.59
Finger millet	40,089	80.55	12.18	1.06	3.03	-	3.18
Oats "Aja"	16,428	68.73	27.03	1.88	1.25	0.63	0.5
Rice	-	-	-	-	-	-	-
Pulses	1,694,146	54.24	21.97	19.87	1.3	0.04	2.58
Horse beans	473,862	68.27	20.09	7.76	1.39	0.05	2.43
Field peas	190,422	62.87	22.9	10.89	0.43	-	2.91
Haricot beans	162,304	43.94	17.55	32.13	2.92	-	3.46
Chick – peas	275,929	57.32	23.59	14.91	1.15	-	3.02
Lentils	167,770	41.16	25.07	29.5	1.38	0.05	2.84
Vetch	384,647	50.12	24.64	23.33	0.25	0.14	1.53
Soya beans	-	-	-	-	-	-	-
Fenugreek	39,212	30.77	19.4	45.97	2.05	-	1.82
Gibto	-	-	-	-	-	-	-
Oilseeds	62,489	58.71	13.45	23.86	1.14	-	2.84
Neug	22,821	60.2	9.44	25.68	0.98	-	3.7
Linseed	29,351	56.38	17.72	21.91	0.92	-	3.08
Groundnuts	99	-	15	85	-	-	-
Safflower	3,018	56.67	7.33	34	-	-	2
Sesame	6,477	58.64	10	25.68	4.55	-	1.14
Rapeseed	722	73.89	8.89	16.11	-	-	1.11
Vegetables	66,361	86.77	2.28	8.55	-	-	2.41
Lettuce	329	100	-	-	-	-	-
Head cabbage	1,516	71.43	0.71	27.86	-	-	-
Ethiopian cabbage	16,867	88.67	3.1	4.26	-	-	3.98
Tomatoes	268	83.6	0.67	15.73	-	-	-
Green peppers	16,091	94.12	0.29	5.59	-	-	-
Red peppers	30,225	84.27	2.52	10.85	-	-	2.36
Swiss chard	1,066	100	-	-	-	-	-
Root Crops	270,763	64.36	18.22	15.99	0.31	-	1.12
Beetroot	178	100	-	-	-	-	-
Carrot	3,713	66.86	9.57	23.57	-	-	-
Onion	38,688	56.9	18.75	21.85	-	-	2.5
Potatoes	100,407	77.2	6.48	13.59	-	-	2.73
Garlic	125,397	61.06	21.86	15.98	0.44	-	0.66
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	2,380	82	8	10	-	-	-
Permanent crops	201,091	49.14	0.52	46.25	0.12	-	3.97
Avocados	-	-	-	-	-	-	-
Bananas	1,405	40.91	-	59.09	-	-	-
Guavas	164	69.85	-	28.4	-	-	1.75
Lemons	1,697	66	-	28	-	-	6
Mangoes	994	100	-	-	-	-	-
Oranges	96,423	43.54	0.49	53.17	0.85	-	1.95
Papayas	353	100	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	39,419	20.1	0.85	75.01	-	-	4.04
Coffee	9,736	62.82	0.12	36.28	0.12	-	0.66
Hops (Gesho)	5,095	60.95	0.51	29.04	-	-	9.51
Enset	-	-	-	-	-	-	-
Sugar cane	45,807	36.05	2	61.95	-	-	-

TABLE 1.3.5- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

North Shewa							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	9,104,205	59.99	15.11	19.36	0.58	0.16	4.8
Cereals	7,159,743	64.04	13.01	16.23	0.79	0.17	5.76
Teff	1,949,149	45.73	9.87	36.46	0.97	-	6.96
Barley	1,154,705	67.88	18.95	7.36	0.53	0.29	5
Wheat	1,262,578	62.85	19.7	10.57	0.47	0.03	6.38
Maize	210,951	87.95	7.5	2.65	0.11	0.45	1.33
Sorghum	2,580,879	68.88	8.66	12.94	1.69	0.2	7.63
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	1,482	63.33	16.67	13.33	-	-	6.67
Rice	-	-	-	-	-	-	-
Pulses	1,822,810	50.15	19.59	25.91	0.26	0.11	3.98
Horse beans	746,184	66.57	19.16	10.12	0.27	0.28	3.6
Field peas	138,196	56.78	20.82	18.31	0.88	-	3.2
Haricot beans	101,256	54.35	13.85	28.2	-	-	3.6
Chick – peas	402,198	50.39	17.71	25.83	-	-	6.07
Lentils	325,743	26.39	21.96	48.15	0.23	-	3.27
Vetch	80,655	24.52	21.98	42.55	-	0.6	10.36
Soya beans	-	-	-	-	-	-	-
Fenugreek	28,579	42.69	20.71	34.33	-	-	2.27
Gibto	-	-	-	-	-	-	-
Oilseeds	121,653	70.81	11.63	14.63	0.49	0.24	2.2
Neug	8,459	80.85	7.66	11.49	-	-	-
Linseed	36,216	60.33	17.46	19.75	0.88	0.18	1.4
Groundnuts	-	-	-	-	-	-	-
Safflower	36,533	70.35	8.37	15	0.59	1.08	4.61
Sesame	38,608	74.13	8.66	12.63	0.35	-	4.23
Rapeseed	1,837	86.3	8.55	5.15	-	-	-
Vegetables	70,128	89.69	1.28	7.6	0.13	0.03	1.27
Lettuce	-	-	-	-	-	-	-
Head cabbage	13,156	76.86	5.71	17.43	-	-	-
Ethiopian cabbage	17,604	91.38	2.02	5.96	-	-	0.64
Tomatoes	9,645	84.46	-	12.92	-	-	2.63
Green peppers	10,271	76.36	0.89	22.39	-	-	0.36
Red peppers	19,102	92.59	0.54	4.56	0.32	0.08	1.9
Swiss chard	350	92.5	7.5	-	-	-	-
Root Crops	926,192	66.95	11.61	20.24	0.1	-	1.1
Beetroot	1,078	85	3.57	11.43	-	-	-
Carrot	751	79.09	6.82	14.09	-	-	-
Onion	699,250	62.81	5.53	29.76	0.19	-	1.7
Potatoes	65,418	91.76	3.38	4.04	-	-	0.81
Garlic	154,645	62.92	17.99	18.18	0.07	-	0.84
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	5,051	85.71	14.29	-	-	-	-
Permanent crops	58,543	61.28	0.34	33.71	0.38	0.01	4.28
Avocados	-	-	-	-	-	-	-
Bananas	1,327	46.39	-	51.94	-	-	1.67
Guavas	-	-	-	-	-	-	-
Lemons	2,424	18.08	-	81.38	-	-	0.54
Mangoes	696	8.33	-	91.67	-	-	-
Oranges	11,756	67.37	-	27.89	-	-	4.74
Papayas	513	75.91	-	19.55	-	-	4.55
Pineapples	-	-	-	-	-	-	-
Chat	329	5.88	-	90.59	-	-	3.53
Coffee	518	78.21	-	21.21	0.14	-	0.43
Hops (Gesho)	11,729	69.57	0.68	22.96	0.66	0.02	6.11
Enset	-	-	-	-	-	-	-
Sugar cane	29,252	39.72	-	51.94	0.28	-	8.06

TABLE 1.3.6- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

East Gojam							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	10,352,527	61.67	12.23	22.95	1.15	0.08	1.92
Cereals	8,233,913	69.93	11.75	14.96	1.21	0.08	2.08
Teff	3,622,410	57.89	11.7	25.46	1.51	-	3.43
Barley	987,820	68.74	17.05	11.22	1.46	0.24	1.29
Wheat	2,017,825	65.08	16.15	15.28	1.25	0.03	2.21
Maize	1,248,634	89.33	3.7	5.4	0.61	0.12	0.84
Sorghum	350,415	75.98	9.8	10.81	1.13	-	2.28
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	6,808	58.33	18.33	23.33	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	1,911,542	52.73	14.24	30.12	1.05	0.1	1.75
Horse beans	734,663	61.01	13.95	22.41	1.3	-	1.34
Field peas	174,733	50.92	15.19	29.9	1.34	-	2.65
Haricot beans	250,870	27.58	13.93	56.01	0.62	-	1.86
Chick – peas	158,203	58.06	12.69	26.86	0.77	-	1.62
Lentils	43,149	30	28.83	41.17	-	-	-
Vetch	489,006	56.51	13.02	26.94	0.49	0.05	3
Soya beans	2,435	55	15	13.33	-	16.67	-
Fenugreek	19,301	40.27	13.02	46.71	-	-	-
Gibto	39,182	29.62	17.04	48.54	4.81	-	-
Oilseeds	207,072	41.68	8.65	47.01	1.13	-	1.54
Neug	119,785	43.74	11.04	40.87	2.23	-	2.12
Linseed	18,902	35.98	14.36	45.72	0.96	-	2.98
Groundnuts	580	70.44	19.56	10	-	-	-
Safflower	6,480	63.3	8.1	12.3	3	-	13.3
Sesame	11,775	18.25	10.92	70.83	-	-	-
Rapeseed	49,551	42.6	3.64	53.25	0.43	-	0.07
Vegetables	96,711	80.44	1.06	18.33	0.08	-	0.08
Lettuce	9	100	-	-	-	-	-
Head cabbage	22,486	62.64	0.5	36.76	-	-	0.1
Ethiopian cabbage	2,998	90	2	8	-	-	-
Tomatoes	635	86.67	-	13.33	-	-	-
Green peppers	29,505	81.05	0.8	17.98	-	-	0.18
Red peppers	41,079	89.08	1.63	9.08	0.22	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	1,026,307	51.12	14.19	34	0.17	0.05	0.46
Beetroot	12,007	60.11	2.23	36.81	-	0.53	0.32
Carrot	1,644	10	-	90	-	-	-
Onion	51,196	44.36	3.45	52.05	-	-	0.14
Potatoes	717,717	56.99	18.11	22.94	0.48	-	1.48
Garlic	230,894	49.37	17.19	33.33	0.09	-	0.02
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	12,849	-	-	-	-	-	-
Permanent crops	34,322	70.86	0.83	28.24	-	-	0.06
Avocados	-	-	-	-	-	-	-
Bananas	765	29.4	-	69.6	-	-	1
Guavas	40	10	-	90	-	-	-
Lemons	306	-	-	100	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	108	75	-	25	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	141	10	-	87.5	-	-	2.5
Coffee	424	85.8	-	14.2	-	-	-
Hops (Gesho)	32,513	72.33	0.95	26.71	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	25	48.75	-	51.25	-	-	-

TABLE 1.3.7- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

West Gojam							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	11,388,560	55.16	11.68	26.52	3.2	0.16	3.29
Cereals	9,741,191	63.2	11.36	18.02	3.71	0.25	3.45
Teff	1,844,120	49.24	12.96	28.49	4.6	0.05	4.66
Barley	501,295	56.16	29.01	8.83	1.37	0.29	4.34
Wheat	623,782	59.91	18.95	14.93	3.16	0.27	2.78
Maize	5,585,301	71.88	3.17	18.86	3.47	0.43	2.2
Sorghum	123,113	72.39	9.22	8.47	4.86	-	5.06
Finger millet	1,049,769	70.93	10.1	10.25	4.61	0.17	3.94
Oats "Aja"	-	-	-	-	-	-	-
Rice	13,810	51	21	18	5	-	5
Pulses	1,183,737	56.73	15.42	21.55	2.86	-	3.43
Horse beans	454,780	65.25	13.92	16.26	2.27	-	2.3
Field peas	92,597	66.02	15.38	13.36	2.57	-	2.67
Haricot beans	203,794	22.23	18.69	48.81	4.08	-	6.19
Chick – peas	147,170	57.93	15.95	15.24	4.17	-	6.71
Lentils	-	-	-	-	-	-	-
Vetch	194,297	58.34	13.31	18.16	4.69	-	5.51
Soya beans	-	-	-	-	-	-	-
Fenugreek	343	76.25	15.83	7.92	-	-	-
Gibto	90,757	41.4	20.28	35.25	1.57	-	1.49
Oilseeds	463,632	24.4	7.57	63.59	1.88	0.05	2.51
Neug	168,776	19.62	9.35	61.44	4.17	-	5.43
Linseed	8,892	44.93	27.79	24.04	3.25	-	-
Groundnuts	415	64.5	9.17	22.17	4.17	-	-
Safflower	1,970	18.75	6.25	75	-	-	-
Sesame	44,767	10.95	6.84	63.89	10.58	-	7.74
Rapeseed	238,813	24.64	5.29	68.2	0.41	0.07	1.39
Vegetables	432,851	83.05	0.64	15.14	0.98	-	0.19
Lettuce	-	-	-	-	-	-	-
Head cabbage	11,448	66.11	-	33.89	-	-	-
Ethiopian cabbage	411	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	966	90	2.5	7.5	-	-	-
Red peppers	420,026	83.92	0.64	14.16	1.06	-	0.21
Swiss chard	-	-	-	-	-	-	-
Root Crops	399,694	67.02	13.08	18.93	0.33	0.16	0.49
Beetroot	1,764	62.5	-	37.5	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	22,544	51.33	13	35.67	-	-	-
Potatoes	219,894	71.78	14.69	11.22	0.56	0.85	0.9
Garlic	114,829	66.96	13.29	18.95	0.31	0.03	0.45
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	40,663	100	-	-	-	-	-
Permanent crops	48,053	70.7	0.18	28.56	0.21	-	0.36
Avocados	-	-	-	-	-	-	-
Bananas	2,892	71.9	-	28.1	-	-	-
Guavas	565	83.33	-	16.67	-	-	-
Lemons	2,814	75	-	18.89	-	-	6.11
Mangoes	4,749	91.63	-	8.38	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	1,184	66.82	-	32.73	-	-	0.45
Pineapples	-	-	-	-	-	-	-
Chat	9,383	-	-	100	-	-	-
Coffee	4,411	90.44	-	9.37	-	-	0.19
Hops (Gesho)	22,056	80.94	0.26	18.49	0.02	-	0.29
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.3.8- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Waghmera							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	1,461,016	63.6	18.61	12.85	0.71	0.13	4.09
Cereals	1,151,351	71.75	16.26	6.2	0.91	0.2	4.67
Teff	325,951	69.25	15.22	9.97	0.97	-	4.59
Barley	162,824	63.15	22.25	6.2	1.14	0.03	7.23
Wheat	97,041	64.15	25.06	5.22	0.32	0.26	4.99
Maize	43,536	88.27	9.42	0.7	0.32	0.45	0.84
Sorghum	520,613	73.06	12.7	7	1.46	0.38	5.4
Finger millet	1,386	67.4	7.6	16.6	2	-	6.4
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	236,831	51.62	23.41	20.04	0.59	-	4.34
Horse beans	99,246	52.32	23.37	17.77	0.27	-	6.27
Field peas	55,600	52.78	24.79	17.22	0.33	-	4.88
Haricot beans	42,619	64.97	19.27	11.34	0.85	-	3.57
Chick – peas	5,935	55.63	33.33	5.63	-	-	5.42
Lentils	32,975	31.5	24.38	41.63	1.52	-	0.96
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	456	64.92	21.15	12	-	-	1.92
Gibto	-	-	-	-	-	-	-
Oilseeds	72,834	49.17	19.88	30.16	0.03	0.08	0.68
Neug	1,591	63.78	27.3	8.91	-	-	-
Linseed	9,985	65.96	20.92	12.17	-	-	0.94
Groundnuts	-	-	-	-	-	-	-
Safflower	6,151	44.51	12.89	41.27	-	0.35	0.99
Sesame	55,107	30.69	21.32	47.56	0.11	-	0.32
Rapeseed	-	-	-	-	-	-	-
Vegetables	1,226	87.33	2.33	10.33	-	-	-
Lettuce	14	100	-	-	-	-	-
Head cabbage	59	80	-	20	-	-	-
Ethiopian cabbage	300	100	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	342	94.5	5.5	-	-	-	-
Red peppers	510	58.75	3.75	37.5	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	13,294	68.22	12.56	18.09	-	-	1.14
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	200	43.33	11.67	45	-	-	-
Potatoes	10,518	93.51	2.7	2.43	-	-	1.35
Garlic	2,230	50.27	20.21	28.48	-	-	1.04
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	347	-	-	-	-	-	-
Permanent crops	17,566	31.25	-	68.75	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	644	11.25	-	88.75	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	59	15	-	85	-	-	-
Mangoes	4	-	-	-	-	-	-
Oranges	9	-	-	-	-	-	-
Papayas	268	42	-	58	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	4	58.33	-	41.67	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	16,579	15	-	85	-	-	-

TABLE 1.3.9- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

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Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	5,273,183	61.27	10.18	21.55	2.96	0.08	3.95
Cereals	4,681,389	67.74	10.32	14.89	3.05	0.1	3.9
Teff	921,205	61.64	12.25	18.16	3.26	0.06	4.63
Barley	167,624	61.23	21.28	12.38	2.3	-	2.81
Wheat	257,973	59.33	14.86	17.64	5.32	0.05	2.8
Maize	2,069,841	76.69	3.85	14.2	2.12	0.16	2.97
Sorghum	69,261	55.14	6.77	16.77	5.95	1.77	13.59
Finger millet	1,188,085	67.13	11.92	12.38	3.67	-	4.9
Oats "Aja"	1,268	76.8	21.4	-	0.8	-	1
Rice	6,132	67.5	10	-	10	-	12.5
Pulses	380,201	62.02	11.66	19.65	2.91	-	3.75
Horse beans	99,855	74.88	11.41	5.99	5.02	-	2.7
Field peas	34,520	84.8	5.72	3.78	1.67	-	4.03
Haricot beans	18,405	74.87	10.65	11.57	2.91	-	-
Chick - peas	26,904	75.7	7.52	10	3.74	-	3.04
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	45,430	16.94	16.39	49.44	11.39	-	5.83
Fenugreek	434	88.19	5.85	5.96	-	-	-
Gibto	154,653	26.81	18.23	47.97	0.62	-	6.37
Oilseeds	211,593	32.78	7.93	52.22	2.63	0.06	4.38
Neug	69,661	13.46	12.72	69.8	1.55	-	2.47
Linseed	1,100	89.29	10.71	-	-	-	-
Groundnuts	27,076	12.39	13.29	52.42	10.29	0.65	10.97
Safflower	-	-	-	-	-	-	-
Sesame	14,522	0.26	9.74	65.95	13	-	11.05
Rapeseed	99,234	48.39	4.07	43.18	0.74	-	3.62
Vegetables	292,843	60.55	1.41	33.98	3.22	-	0.83
Lettuce	-	-	-	-	-	-	-
Head cabbage	4,650	41.09	-	54.36	4.55	-	-
Ethiopian cabbage	23,096	100	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	3,438	94.64	-	5.36	-	-	-
Red peppers	261,660	55.35	1.74	38.2	3.7	-	1.02
Swiss chard	-	-	-	-	-	-	-
Root Crops	671,106	77.77	7.25	13.75	0.25	0.03	0.95
Beetroot	21	4.33	-	95.67	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	5,985	55	1.43	36.43	7.14	-	-
Potatoes	609,913	77.3	7.38	12.93	-	-	2.38
Garlic	38,139	79.6	8.55	11.44	0.16	0.06	0.19
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	17,048	94.14	0.95	4.9	-	-	-
Permanent crops	202,781	65.96	1.73	31.12	0.36	0.68	0.15
Avocados	-	-	-	-	-	-	-
Bananas	898	60.38	-	39.62	-	-	-
Guavas	14	-	-	-	-	-	-
Lemons	4,713	40.83	15	43.83	0.33	-	-
Mangoes	931	61.75	-	38.25	-	-	-
Oranges	886	76	-	24	-	-	-
Papayas	3,908	56.29	-	38	-	-	5.71
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	1,237	91.21	-	8.79	-	-	-
Hops (Gesho)	2,111	68.99	2.42	27.48	0.59	0.52	-
Enset	-	-	-	-	-	-	-
Sugar cane	188,084	45.33	-	54.39	0.28	-	-

TABLE 1.3.10- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Oromia Zone							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	990,415	68.04	8.78	18.97	0.45	0.01	3.76
Cereals	900,102	70.94	7.95	15.63	0.69	0.01	4.77
Teff	120,196	36.57	9.36	46.21	1.43	-	6.43
Barley	2,299	79.69	16.88	3.13	-	-	0.31
Wheat	1,731	26.03	5.68	67.48	-	-	0.81
Maize	76,114	88.3	6.25	2.8	0.06	0.06	2.54
Sorghum	699,616	80.73	8.03	4.55	0.82	-	5.87
Finger millet	147	90	10	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	45,273	72.61	8.84	16.83	0.07	-	1.65
Horse beans	174	83.33	16.67	-	-	-	-
Field peas	3,087	58.67	9.22	30.56	-	-	1.56
Haricot beans	37,003	80.85	4.68	11.76	-	-	2.71
Chick – peas	4,320	59.23	17.31	23.08	0.38	-	-
Lentils	615	48.75	16.88	34.38	-	-	-
Vetch	49	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	24	99	1	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	45,041	58.21	10.88	28.69	-	-	2.23
Neug	443	60.42	9.58	30	-	-	-
Linseed	535	63.58	8.68	27.74	-	-	-
Groundnuts	15,192	40.58	12.69	43.27	-	-	3.45
Safflower	7,541	72.06	12.44	13	-	-	2.5
Sesame	20,316	55.44	10.63	31.56	-	-	2.37
Rapeseed	1,015	85.24	5.35	8.82	-	-	0.59
Vegetables	20,245	76.34	1.33	20.5	0.83	-	1.01
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	629	98	-	-	-	-	2
Tomatoes	10,982	57.5	-	34.17	5	-	3.33
Green peppers	3,421	65.42	-	34.17	-	-	0.42
Red peppers	5,213	82.21	1.99	15.33	-	-	0.48
Swiss chard	-	-	-	-	-	-	-
Root Crops	7,489	72.12	8.33	18.03	-	-	1.52
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	4,364	69.58	22.92	7.5	-	-	-
Potatoes	60	100	-	-	-	-	-
Garlic	1,596	70.31	-	26.56	-	-	3.13
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	1,469	100	-	-	-	-	-
Permanent crops	30,206	37.38	0.26	59.79	-	-	2.57
Avocados	-	-	-	-	-	-	-
Bananas	3,062	29.54	-	67.96	-	-	2.5
Guavas	845	53.54	3.13	35.79	-	-	7.54
Lemons	2,200	17.05	-	77.32	-	-	5.63
Mangoes	1,978	31.79	-	66.79	-	-	1.43
Oranges	7,077	24.39	-	73.03	-	-	2.58
Papayas	1,181	72.08	-	27.92	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	11,027	21.74	-	76.03	-	-	2.23
Coffee	2,837	58.38	0.14	40.48	-	-	1
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.3.11- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Argoba Special Wereda

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	79,972	70.5	9.79	17	0.07	-	2.64
Cereals	70,606	76.26	10.37	9.94	0.11	-	3.32
Teff	4,243	34.72	20.22	40.15	-	-	4.91
Barley	45	64.17	20	11.67	-	-	4.17
Wheat	94	34.43	9.22	56.35	-	-	-
Maize	9,429	92.69	6.29	0.53	-	-	0.48
Sorghum	56,503	81.69	9.21	4.11	0.21	-	4.78
Finger millet	61	85.88	12.94	1.18	-	-	-
Oats "Aja"	231	67.5	22.5	10	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	2,132	76.2	9.33	12.93	-	-	1.54
Horse beans	8	100	-	-	-	-	-
Field peas	98	58.13	21.88	20	-	-	-
Haricot beans	1,917	82.85	7.95	7.6	-	-	1.59
Chick – peas	50	28.33	25	30	-	-	16.67
Lentils	13	36.25	36.25	27.5	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	36	5	4.5	90.5	-	-	-
Fenugreek	9	67.78	4.44	27.78	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	7,233	48.32	8.4	41.82	-	-	1.46
Neug	15	51.25	7.25	41.5	-	-	-
Linseed	14	83.06	6.31	10.63	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	2,290	68.84	8.14	20.3	-	-	2.73
Sesame	4,914	35.42	8.83	54.52	-	-	1.23
Rapeseed	-	-	-	-	-	-	-
Vegetables	740	91.82	1.1	5.05	-	-	2.03
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	51	100	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	242	88.46	-	3.85	-	-	7.69
Red peppers	448	92.85	1.26	4.53	-	-	1.37
Swiss chard	-	-	-	-	-	-	-
Root Crops	97	53.64	5.91	40.45	-	-	-
Beetroot	1	20	-	80	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	31	100	-	-	-	-	-
Garlic	28	57.5	8.13	34.38	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	38	20	-	80	-	-	-
Permanent crops	209	46.94	5.15	47.15	-	-	0.76
Avocados	-	-	-	-	-	-	-
Bananas	74	30	-	70	-	-	-
Guavas	15	35.89	7.78	54.11	-	-	2.22
Lemons	8	52.5	-	46.25	-	-	1.25
Mangoes	40	21.43	12.86	64.29	-	-	1.43
Oranges	-	-	-	-	-	-	-
Papayas	5	80	-	20	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	49	47.08	7.5	45	-	-	0.42
Coffee	17	68.67	-	31.33	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

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
Grain Crops	114,681,202	61.31	14.75	20.98	0.5	0.46	2
Cereals	99,568,008	66.5	14.5	15.44	0.57	0.63	2.36
Teff	17,535,597	55.42	16.39	25.33	0.72	0.2	1.94
Barley	8,977,418	62.3	21.87	12.57	0.39	1.06	1.81
Wheat	20,262,900	55.78	19.66	21.36	0.53	0.13	2.54
Maize	35,908,458	73.99	9.76	12.1	0.6	0.99	2.55
Sorghum	14,898,157	76.71	10.59	8.93	0.61	0.52	2.64
Finger millet	1,532,060	73.75	13.11	8.89	0.25	0.92	3.08
Oats "Aja"	378,062	62.39	23.12	12.41	0.14	1.06	0.88
Rice	75,358	70	9.63	17.44	1.13	-	1.79
Pulses	11,683,119	58.94	15.92	23.29	0.34	0.19	1.32
Horse beans	4,262,594	61.17	17.01	19.16	0.42	0.05	2.2
Field peas	1,370,862	56.05	18.77	23.01	0.79	0.03	1.35
Haricot beans	2,378,984	66.79	12.38	19.84	0.17	0.09	0.73
Chick – peas	1,629,205	46.46	18.72	33.11	0.22	0.05	1.44
Lentils	471,469	48.14	17.7	33.42	0.23	-	0.51
Vetch	1,169,792	44.75	18.43	33.43	0.07	2.55	0.76
Soya beans	251,841	38.52	13.28	45.98	1.33	0.15	0.74
Fenugreek	148,375	58.24	14.9	25.99	-	0.08	0.79
Gibto	-	-	-	-	-	-	-
Oilseeds	3,430,075	33.63	13.54	51.1	0.41	0.03	1.3
Neug	1,251,070	20.89	14.07	63.7	0.34	0.01	0.99
Linseed	846,667	41.83	14.67	42.77	0.27	0.01	0.46
Groundnuts	756,518	30.57	15.5	51.37	0.88	-	1.68
Safflower	29,096	59.89	9.72	26.87	0.12	0.29	3.11
Sesame	317,424	22.09	13.8	62.54	0.99	-	0.58
Rapeseed	229,299	48.51	10.96	37.93	0.14	0.07	2.4
Vegetables	3,618,528	76.37	1.05	21.06	0.11	0.02	1.4
Lettuce	867	70.16	-	22.5	-	3.13	4.22
Head cabbage	103,094	78.58	0.24	20.25	0.02	0.02	0.89
Ethiopian cabbage	1,125,302	83.83	0.69	13.5	0.03	-	1.95
Tomatoes	393,566	63.48	1.73	32.62	0.26	-	1.9
Green peppers	579,400	85.57	0.74	12.34	0.06	0.01	1.3
Red peppers	1,414,712	58.89	2.01	38.06	0.27	-	0.76
Swiss chard	1,587	80.24	0.29	18.1	-	-	1.37
Root Crops	13,099,058	68.38	10.53	19.41	0.05	0.46	1.18
Beetroot	108,776	81.37	0.14	17.29	-	0.14	1.05
Carrot	33,775	74.96	1.1	22.77	-	0.09	1.08
Onion	988,545	58.43	6.73	33.59	0.06	0.14	1.04
Potatoes	2,914,227	57.25	17.56	23.87	0.08	0.01	1.23
Garlic	893,619	56.08	19.12	23.83	0.09	0.01	0.88
Taro / 'Godere'	1,325,618	84.04	10.33	4.62	-	-	1
Sweet potatoes	6,834,499	83.09	0.88	11.67	0.04	2.38	1.94
Permanent crops	9,762,054	55.91	0.54	39.68	0.43	0.3	3.14
Avocados	8,726	55.15	0.27	42.22	0.03	-	2.33
Bananas	824,652	56.27	0.53	40.48	0.04	0.1	2.58
Guavas	5,009	72.05	0.3	18.09	-	0.05	9.5
Lemons	1,762	44.58	-	42.18	-	-	13.24
Mangoes	284,066	63.67	0.23	31.29	0.05	0.01	4.75
Oranges	99,389	65.75	0.56	29.54	0.03	-	4.12
Papayas	86,985	71.06	-	24.99	0.01	-	3.94
Pineapples	763	43.64	-	52.73	-	-	3.64
Chat	1,039,501	34.23	0.53	59.55	0.49	0.02	5.17
Coffee	1,641,708	54.41	0.65	42.7	0.63	-	1.61
Hops (Gesho)	62,399	48.83	1.02	49.01	0.06	-	1.08
Enset	4,335,680	83.95	0.5	11.01	0.99	0.81	2.74
Sugar cane	1,371,415	46.55	0.5	45.5	0.31	4.01	3.13

TABLE 1.4.1- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

West Wellega							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	4,986,275	71.64	12.34	13.22	0.08	0.33	2.39
Cereals	4,562,702	76.02	12.66	7.73	0.11	0.47	3
Teff	368,534	69.76	17.59	9.75	0.16	0.06	2.67
Barley	9,803	81.86	12.16	4.02	-	0.31	1.65
Wheat	35,455	77.36	13.32	7.56	0.08	-	1.68
Maize	2,458,926	78.07	10.29	7.44	0.11	0.66	3.42
Sorghum	1,220,295	77.73	11.43	7.73	0.11	0.3	2.69
Finger millet	469,532	73.1	14.69	7.41	0.11	0.91	3.78
Oats "Aja"	158	68	10	22	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	144,713	80.21	10.75	7.9	0.02	0.02	1.1
Horse beans	36,576	83.11	11.17	3.44	-	-	2.28
Field peas	8,125	85.43	9.93	3.43	0.14	-	1.07
Haricot beans	85,448	81.31	10.26	7.65	-	0.03	0.74
Chick – peas	787	71.36	14.09	14.55	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	341	84.55	10.91	4.55	-	-	-
Soya beans	12,857	56.94	15.28	27.78	-	-	-
Fenugreek	580	67.14	7.64	25.23	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	278,860	38.77	12.96	46.98	0.02	0.04	1.22
Neug	183,626	27.41	15.5	55.88	0.05	0.09	1.08
Linseed	2,719	60.29	16.14	23.43	-	-	0.14
Groundnuts	4,093	43.36	9.92	46.32	-	-	0.4
Safflower	711	93.33	6.67	-	-	-	-
Sesame	58,956	8.37	12.09	79.3	-	-	0.23
Rapeseed	28,755	62.68	8.32	26.61	-	-	2.39
Vegetables	237,684	79.78	0.7	18.92	-	-	0.59
Lettuce	-	-	-	-	-	-	-
Head cabbage	13,139	90.14	-	9.86	-	-	-
Ethiopian cabbage	30,137	87.97	0.54	11.08	-	-	0.41
Tomatoes	-	-	-	-	-	-	-
Green peppers	30,196	87.29	0.96	11.01	-	-	0.74
Red peppers	164,213	73.09	0.77	25.45	-	-	0.69
Swiss chard	-	-	-	-	-	-	-
Root Crops	123,477	88.25	1.34	9.54	0.02	0.05	0.8
Beetroot	6,980	70.57	-	28.86	-	-	0.57
Carrot	-	-	-	-	-	-	-
Onion	2,539	93.75	-	6.25	-	-	-
Potatoes	9,665	70	-	30	-	-	-
Garlic	6,478	85.38	5.43	8.53	-	-	0.65
Taro / 'Godere'	97,816	93.6	0.9	4.9	-	-	0.6
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	822,891	60.6	0.66	36.53	0.13	0.07	2.02
Avocados	-	-	-	-	-	-	-
Bananas	176,421	61.08	0.69	36.55	-	-	1.68
Guavas	-	-	-	-	-	-	-
Lemons	5	75	-	22.14	-	-	2.86
Mangoes	100,277	60.86	-	35.52	-	0.06	3.56
Oranges	38,278	76.99	0.19	20.1	-	-	2.72
Papayas	8,264	79.43	-	20.29	-	-	0.29
Pineapples	-	-	-	-	-	-	-
Chat	18,509	28.48	1.56	68.05	-	-	1.91
Coffee	215,098	67.76	0.81	29.38	0.37	0.01	1.68
Hops (Gesho)	2,258	30.23	1.14	66.25	-	-	2.39
Enset	-	-	-	-	-	-	-
Sugar cane	263,782	57.91	-	40.23	-	-	1.86

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
Grain Crops	8,097,586	57.29	14.37	25.32	0.46	0.78	1.78
Cereals	7,337,632	65.05	14.09	16.89	0.57	1.19	2.21
Teff	1,180,219	61.86	17.74	16.74	0.65	0.8	2.2
Barley	93,084	54.22	29.93	12.65	0.15	1.34	1.72
Wheat	174,721	63.99	20.46	13.13	0.17	0.29	1.95
Maize	4,452,790	66.03	8.29	20.64	0.68	1.59	2.76
Sorghum	978,085	70.94	11.03	14.66	0.84	0.72	1.81
Finger millet	446,989	66.19	14.11	15.49	0.23	2.08	1.89
Oats "Aja"	5,931	48.33	32.08	16.25	-	2.5	0.83
Rice	5,813	93.33	6.67	-	-	-	-
Pulses	295,014	64.49	17.09	16.75	0.3	0.06	1.32
Horse beans	106,794	69.59	15.97	11.66	0.46	0.05	2.28
Field peas	37,556	57.92	21.46	20.62	-	-	-
Haricot beans	60,233	79.17	11.72	8.56	-	-	0.56
Chick - peas	8,565	59.09	20	20	-	-	0.91
Lentils	473	47.5	35	17.5	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	80,952	12.8	20	63.6	1.6	0.8	1.2
Fenugreek	441	52.61	22.39	24.55	-	-	0.45
Gibto	-	-	-	-	-	-	-
Oilseeds	464,940	26.2	13.15	59.75	0.2	-	0.7
Neug	290,413	15.03	14	70	-	-	0.97
Linseed	598	70	14.58	14.58	-	-	0.83
Groundnuts	78,455	32.59	20.95	45.44	0.51	-	0.51
Safflower	3,670	65	11.43	23.57	-	-	-
Sesame	73,299	14.29	9.75	75.15	0.71	-	0.1
Rapeseed	18,506	60.4	7.1	31.65	0.11	-	0.74
Vegetables	114,997	81.27	0.38	17.77	0.02	-	0.55
Lettuce	-	-	-	-	-	-	-
Head cabbage	2,002	83.33	1.48	14.44	-	-	0.74
Ethiopian cabbage	8,327	96.09	-	3.91	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	19,638	89.15	0.56	9.23	-	-	1.07
Red peppers	85,030	77.02	0.26	22.34	0.03	-	0.35
Swiss chard	-	-	-	-	-	-	-
Root Crops	146,580	74.87	7.52	16.81	0.05	0.06	0.69
Beetroot	2,775	76.44	1.02	20.93	-	-	1.61
Carrot	929	84.17	0.83	15	-	-	-
Onion	16,928	74.66	2.3	21.82	-	-	1.22
Potatoes	70,759	61.72	19.84	16.41	0.78	-	1.25
Garlic	32,398	68.91	14.95	15.71	-	-	0.43
Taro / 'Godere'	22,793	89.32	4.05	6.22	-	-	0.41
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	160,914	59.61	0.56	38.18	0.03	-	1.62
Avocados	-	-	-	-	-	-	-
Bananas	17,207	63.95	-	34.08	-	-	1.97
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	34,137	74.61	-	21.91	0.09	-	3.39
Oranges	248	63.33	-	35	-	-	1.67
Papayas	4,873	71.2	-	28.8	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	12,650	8.68	-	89.71	-	-	1.62
Coffee	84,506	88.95	0.33	9.87	0.07	-	0.78
Hops (Gesho)	7,293	31.88	2.65	64.7	-	-	0.77
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

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
Grain Crops	5,594,900	70.23	10.64	15.4	0.76	0.42	2.55
Cereals	5,163,126	72.4	10.95	12.18	0.88	0.57	3.01
Teff	730,766	69.3	12.87	14.41	0.75	0.16	2.51
Barley	63,497	67.82	15.68	13.64	0.59	0.09	2.18
Wheat	111,644	71.91	13.53	11.21	0.14	-	3.2
Maize	3,073,407	72.84	9.46	11.96	1.19	1.03	3.53
Sorghum	1,018,295	73.47	9.85	11.92	0.93	0.64	3.18
Finger millet	108,687	80.98	10.33	5.22	0.46	0.43	2.58
Oats "Aja"	254	83.33	7.17	9.5	-	-	-
Rice	56,576	69.09	10.16	19.07	1.39	-	0.3
Pulses	341,505	70.35	9.54	18.14	0.46	0.09	1.42
Horse beans	108,260	70.31	11.68	15.67	0.41	-	1.94
Field peas	46,870	66.81	10	20.44	1.21	-	1.54
Haricot beans	53,191	80.49	7.04	11.2	0.01	0.21	1.04
Chick – peas	12,544	75.29	12.94	8.82	-	-	2.94
Lentils	178	85	15	-	-	-	-
Vetch	1,263	53.83	19.83	20.5	-	-	5.83
Soya beans	118,069	28.79	11.69	56.51	1.88	0.07	1.04
Fenugreek	1,131	76.62	8.24	14.71	-	-	0.44
Gibto	-	-	-	-	-	-	-
Oilseeds	90,269	46.04	11.23	40.69	0.53	-	1.52
Neug	40,668	39.45	13.15	45.41	0.06	-	1.92
Linseed	6,784	51.67	15.17	26.17	3.33	-	3.67
Groundnuts	32,520	34.05	11.43	53.78	-	-	0.73
Safflower	313	80	6	12.57	-	-	1.43
Sesame	6,133	23.16	6.32	70.53	-	-	-
Rapeseed	3,852	81.25	6	12.57	-	-	0.18
Vegetables	360,436	79.74	1.37	17.4	0.07	-	1.43
Lettuce	-	-	-	-	-	-	-
Head cabbage	6,849	88.19	0.66	10.16	-	-	0.99
Ethiopian cabbage	54,986	89.32	0.39	8.38	-	-	1.91
Tomatoes	27	83.89	-	15	-	-	1.11
Green peppers	27,591	93.39	0.32	5.3	-	-	1
Red peppers	270,983	52.14	3.77	42.19	0.25	-	1.66
Swiss chard	-	-	-	-	-	-	-
Root Crops	419,645	83.09	5.71	8.99	0.03	1.22	0.96
Beetroot	14,411	90.24	-	9.37	-	-	0.39
Carrot	855	85	-	14.62	-	-	0.38
Onion	5,858	86.03	2.16	10.78	-	-	1.03
Potatoes	28,542	70	7.94	22.06	-	-	-
Garlic	7,123	81.78	8.5	8.99	-	-	0.73
Taro / 'Godere'	174,356	82.75	10.56	5.43	-	-	1.27
Sweet potatoes	188,499	77.83	1.11	11.99	0.18	7.47	1.42
Permanent crops	313,223	60.27	0.64	35.62	0.23	0.1	3.14
Avocados	-	-	-	-	-	-	-
Bananas	45,934	51.25	1.52	44.48	-	-	2.75
Guavas	-	-	-	-	-	-	-
Lemons	64	45	-	35	-	-	20
Mangoes	22,375	60.24	-	33.11	-	-	6.65
Oranges	3,295	61.11	-	30.37	-	-	8.52
Papayas	21,442	77.84	-	18.85	-	-	3.31
Pineapples	117	50	-	40	-	-	10
Chat	32,978	47.31	0.49	48.27	0.16	-	3.76
Coffee	186,882	60.1	0.83	37.37	0.26	-	1.44
Hops (Gesho)	137	34.86	1.25	62.36	-	-	1.53
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

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
Grain Crops	9,606,567	66.49	13.87	15.52	1.21	0.17	2.74
Cereals	8,767,616	70.53	13.74	10.72	1.53	0.23	3.24
Teff	2,072,513	67.53	16.43	11.71	1.71	0.16	2.45
Barley	211,502	67.07	20.52	7.46	1.93	0.5	2.51
Wheat	654,960	59.95	21.89	13.92	1.89	-	2.35
Maize	4,547,554	74.74	8.08	10.82	1.49	0.28	4.59
Sorghum	1,251,529	75.28	10.6	9.38	1.01	0.26	3.45
Finger millet	12,475	75.5	10.25	11.5	2.5	-	0.25
Oats "Aja"	16,880	73.08	24.04	2.88	-	-	-
Rice	203	-	-	-	-	-	-
Pulses	558,743	66.1	13.82	17.97	0.46	-	1.65
Horse beans	374,489	54.83	14.95	26.98	0.58	-	2.66
Field peas	123,312	51.56	19.13	26.5	1.38	-	1.44
Haricot beans	44,286	83.9	11.12	4.14	-	-	0.83
Chick – peas	10,537	60.91	10	24.55	-	-	4.55
Lentils	4,772	63.37	17.09	18.84	0.7	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	1,199	89.17	5.42	4.17	-	-	1.25
Fenugreek	148	66.36	3.64	30	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	280,209	41.96	14.74	40.86	0.6	0.16	1.68
Neug	73,970	14.66	13.09	69.2	-	-	3.04
Linseed	33,140	62.48	14.35	21.47	0.72	0.07	0.9
Groundnuts	154,700	22.55	15.45	58.29	1.29	-	2.42
Safflower	-	-	-	-	-	-	-
Sesame	7,724	9	11	80	-	-	-
Rapeseed	10,675	40.44	17.43	39.19	0.74	0.59	1.62
Vegetables	298,297	82.77	0.57	14.49	0.02	-	2.16
Lettuce	-	-	-	-	-	-	-
Head cabbage	12,952	81.89	-	16.62	-	-	1.49
Ethiopian cabbage	171,358	87.02	0.54	9.84	-	-	2.6
Tomatoes	-	-	-	-	-	-	-
Green peppers	58,895	87.56	0.27	9.95	0.03	-	2.19
Red peppers	55,092	47.58	2.56	49.08	0.12	-	0.65
Swiss chard	-	-	-	-	-	-	-
Root Crops	1,283,233	78.01	11.76	8.97	-	0.01	1.24
Beetroot	8,206	79.26	-	18.69	-	-	2.05
Carrot	909	88.46	-	10.77	-	-	0.77
Onion	60	87.39	0.43	6.96	-	-	5.22
Potatoes	212,007	60.67	12.22	23.22	-	0.37	3.52
Garlic	38,220	71.96	8.91	18.39	-	-	0.74
Taro / 'Godere'	964,375	79.19	17.18	2.69	-	-	0.93
Sweet potatoes	59,458	86.13	4.15	8.87	-	-	0.85
Permanent crops	1,402,859	59.48	0.64	35.26	0.54	0.16	3.93
Avocados	76	50.74	-	46.96	-	-	2.3
Bananas	236,651	54.56	0.52	42.21	-	0.26	2.45
Guavas	2,102	78.29	-	17.93	-	-	3.79
Lemons	597	28.46	-	43.85	-	-	27.69
Mangoes	71,146	56.22	0.47	37.61	-	-	5.71
Oranges	23,075	58.2	1.08	37.53	-	-	3.18
Papayas	8,696	67.05	-	31.42	-	-	1.53
Pineapples	647	36.67	-	60	-	-	3.33
Chat	90,369	43.94	0.59	47.48	-	-	7.99
Coffee	338,243	61.53	0.72	36.73	0.19	-	0.84
Hops (Gesho)	1,288	11.02	-	87.84	-	-	1.14
Enset	492,347	84.19	0.93	6.44	3.04	0.49	4.92
Sugar cane	137,621	59.88	1.67	34	-	0.83	3.63

TABLE 1.4.5- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

West Shewa							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	12,367,803	54.31	16.39	26.29	0.54	0.29	2.17
Cereals	10,710,371	59.09	15.91	21.17	0.68	0.44	2.73
Teff	2,876,745	49.36	15.48	31.56	0.96	0.09	2.55
Barley	1,077,129	59.21	22.78	13.61	0.03	1.68	2.69
Wheat	1,302,040	53.78	21.74	21.1	0.33	-	3.04
Maize	3,334,504	68.79	9.06	18.63	0.69	0.45	2.37
Sorghum	2,083,016	66.11	12.23	16.82	1.41	0.04	3.39
Finger millet	23,556	52.22	12.22	34.44	-	-	1.11
Oats "Aja"	13,383	68.1	19.52	8.57	0.95	-	2.86
Rice	-	-	-	-	-	-	-
Pulses	1,233,692	52.31	19.1	26.97	0.37	-	1.26
Horse beans	549,459	55.02	21.72	20.82	0.52	-	1.92
Field peas	150,926	46.45	21.69	30.73	0.27	-	0.86
Haricot beans	25,911	81.17	4	14.17	-	-	0.67
Chick – peas	122,035	54.86	15.42	28.06	1.39	-	0.28
Lentils	33,192	49.34	20.84	28.45	-	-	1.36
Vetch	345,322	43.17	16.28	39.94	-	-	0.61
Soya beans	59	-	-	-	-	-	-
Fenugreek	6,788	44.1	12.46	43.44	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	423,740	25.61	13.2	60.66	0.04	-	0.5
Neug	265,002	14.98	14.45	70.03	0.08	-	0.46
Linseed	118,457	8.9	11.8	79.29	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	12,238	80	20	-	-	-	-
Sesame	14,390	1.2	8.6	90.2	-	-	-
Rapeseed	13,654	52.92	11.97	34.14	-	-	0.97
Vegetables	453,383	69.8	0.99	28.07	0.26	0.22	0.66
Lettuce	-	-	-	-	-	-	-
Head cabbage	13,372	68.97	-	29.74	0.26	-	1.03
Ethiopian cabbage	49,478	82.78	0.87	15.75	-	-	0.6
Tomatoes	7,376	61	-	39	-	-	-
Green peppers	235,740	82.84	0.09	15.89	0.55	-	0.64
Red peppers	147,367	41.57	2.42	54.79	0.4	0.04	0.78
Swiss chard	50	82.91	-	17.09	-	-	-
Root Crops	2,117,132	57.43	14.4	26.55	0.03	0.15	1.44
Beetroot	12,241	80.61	0.12	18.29	-	-	0.98
Carrot	4,241	71.82	1.82	25.23	-	-	1.14
Onion	71,152	60.67	3.71	32.86	-	0.89	1.88
Potatoes	1,729,012	63.84	16.82	17.71	0.12	-	1.51
Garlic	252,437	44.77	22.89	31.03	-	-	1.31
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	48,049	46.75	11.5	39.25	-	-	2.5
Permanent crops	177,185	71.25	0.64	25.19	0.57	-	2.34
Avocados	-	-	-	-	-	-	-
Bananas	7,908	56.85	-	40	1.11	-	2.04
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	5,898	76.88	1.88	18.75	1.25	-	1.25
Oranges	806	40	-	50	-	-	10
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	1,787	16.94	-	82.5	-	-	0.56
Coffee	1,239	93.48	-	6.09	-	-	0.43
Hops (Gesho)	10,896	62.03	0.99	34.18	0.34	-	2.46
Enset	112,616	91.4	0.22	5.07	0.81	-	2.5
Sugar cane	36,035	40.2	-	55.4	0.4	-	4

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
Grain Crops	6,778,647	56.86	21.75	18.58	0.41	0.6	1.8
Cereals	5,228,146	62.42	21.03	13.73	0.34	0.45	2.03
Teff	1,983,560	57.06	18.05	23.15	0.23	0.06	1.44
Barley	1,304,797	64.02	25.37	5.33	0.29	1	3.99
Wheat	1,277,605	58.95	25.21	12.94	0.47	0.07	2.36
Maize	114,727	78.36	14.08	5.1	0.21	1.47	0.78
Sorghum	532,845	71.66	14.84	12.04	0.71	0.58	0.17
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	14,613	53	38.25	7.75	-	-	1
Rice	-	-	-	-	-	-	-
Pulses	1,469,912	49.32	23.76	23.7	0.57	1.02	1.62
Horse beans	814,424	58.66	21.54	16.7	0.67	0.17	2.26
Field peas	71,910	52.21	27.57	16.69	1.91	-	1.62
Haricot beans	36,348	49.2	17	27	-	6.8	-
Chick – peas	126,758	46.09	27.83	24.49	0.14	-	1.45
Lentils	123,476	35.2	27.7	35.65	0.45	-	1
Vetch	293,729	35.86	24.69	34.3	0.08	4.18	0.9
Soya beans	-	-	-	-	-	-	-
Fenugreek	3,268	30	13.75	56.25	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	80,589	44.46	18.81	35.66	0.29	-	0.78
Neug	22,813	41.4	16.4	38.8	1	-	2.4
Linseed	38,680	25.59	27.57	46.85	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	3,878	55.73	10.27	33.07	-	-	0.93
Sesame	6,328	52.5	7.5	40	-	-	-
Rapeseed	8,889	58.63	16.59	24.78	-	-	-
Vegetables	54,014	84.18	2.33	11.39	0.51	-	1.59
Lettuce	71	-	-	-	-	-	-
Head cabbage	39	80	2.5	17.5	-	-	-
Ethiopian cabbage	19,411	87.79	1.52	8.49	0.37	-	1.83
Tomatoes	965	78	4	17	-	-	1
Green peppers	29,010	82.42	0.97	15.97	0.16	-	0.48
Red peppers	4,501	55.53	11.58	27.37	2.89	-	2.63
Swiss chard	18	95	-	5	-	-	-
Root Crops	130,832	53.82	24.61	20.93	0.15	-	0.5
Beetroot	2,764	77.08	-	22.92	-	-	-
Carrot	2,417	40	2.86	57.14	-	-	-
Onion	13,196	62.73	9.55	27.73	-	-	-
Potatoes	106,925	77.36	17.08	5.28	-	-	0.28
Garlic	5,454	48.34	29.24	21.61	0.19	-	0.63
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	75	100	-	-	-	-	-
Permanent crops	11,655	65.28	0.25	33.43	0.13	-	0.92
Avocados	-	-	-	-	-	-	-
Bananas	282	42	-	58	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	8	100	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	87	55	-	45	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	25	40	-	60	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	6,383	71.6	0.24	26.89	0.18	-	1.08
Enset	-	-	-	-	-	-	-
Sugar cane	4,869	42.22	-	57.78	-	-	-

TABLE 1.4.7- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

East Shewa

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	9,549,782	50.2	15.83	32.37	0.32	0.78	0.5
Cereals	7,681,046	56.41	15.37	26.18	0.44	0.86	0.74
Teff	2,789,123	37.96	15.6	45.17	0.61	0.19	0.47
Barley	232,030	67.4	21.85	8.97	-	1.59	0.2
Wheat	1,563,998	53.59	19.87	24.29	0.64	0.46	1.15
Maize	2,917,506	75.19	9.32	12.32	0.29	1.77	1.1
Sorghum	172,954	64.02	12.86	22.34	0.3	0.42	0.06
Finger millet	3,376	46	42	12	-	-	-
Oats "Aja"	2,059	58	14	24	-	4	-
Rice	-	-	-	-	-	-	-
Pulses	1,864,878	38.6	16.7	43.81	0.14	0.67	0.08
Horse beans	289,947	57.48	17.14	25.17	0.06	-	0.16
Field peas	99,783	56.14	23.31	20.56	-	-	-
Haricot beans	722,487	29.9	16.26	53.7	0.04	-	0.11
Chick – peas	481,935	23.3	18.86	57.47	0.28	-	0.09
Lentils	184,587	33.61	13.43	52.51	0.46	-	-
Vetch	83,290	46.82	14.85	29.77	-	8.56	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	2,850	38	12	50	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	3,859	71.97	14.09	13.33	-	-	0.61
Neug	16	67.5	20	12.5	-	-	-
Linseed	1,168	84.29	10	5.71	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	289	63.33	16.67	20	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	2,385	62.14	16.79	19.64	-	-	1.43
Vegetables	345,496	76.38	1.51	19.04	0.32	-	2.76
Lettuce	43	100	-	-	-	-	-
Head cabbage	7,787	67	-	29	-	-	4
Ethiopian cabbage	71,181	84.93	0.66	11.71	-	-	2.7
Tomatoes	184,904	47.5	8.18	37.95	2.27	-	4.09
Green peppers	24,093	83.5	0.13	13.75	-	-	2.63
Red peppers	57,376	-	-	100	-	-	-
Swiss chard	112	90	-	8.33	-	-	1.67
Root Crops	273,271	58.38	7.7	32.79	-	-	1.13
Beetroot	720	100	-	-	-	-	-
Carrot	39	95	5	-	-	-	-
Onion	256,651	31.21	8.33	59.48	-	-	0.98
Potatoes	-	-	-	-	-	-	-
Garlic	14,860	75.98	9.63	14.15	-	-	0.24
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	1,002	67.5	-	12.5	-	-	20
Permanent crops	329,345	57.79	0.3	39.63	-	-	2.28
Avocados	18	75	-	10	-	-	15
Bananas	1,321	38.75	-	61.25	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	77	-	-	100	-	-	-
Mangoes	2,187	42.5	-	57.5	-	-	-
Oranges	1,559	57.5	-	37.5	-	-	5
Papayas	1,599	100	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	38,248	16.11	-	81.67	-	-	2.22
Coffee	34	92.86	-	-	-	-	7.14
Hops (Gesho)	8,492	63.33	0.63	34.69	-	-	1.35
Enset	-	-	-	-	-	-	-
Sugar cane	275,810	6	-	93	-	-	1

TABLE 1.4.8- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Type of Crop	Total Production (Quintal)	Percent		Utilized for			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	13,021,451	58.6	18.14	21.01	0.04	0.45	1.77
Cereals	11,350,632	64.22	17.84	15.59	0.06	0.65	1.64
Teff	1,153,111	50.24	17.02	30.28	-	-	2.46
Barley	2,270,313	64.45	24.63	9.19	0.05	0.86	0.82
Wheat	5,115,027	50.72	22.02	24.05	0.11	0.11	2.99
Maize	1,987,977	82.55	10.73	5.02	-	1.13	0.56
Sorghum	798,179	79.15	9.35	9.51	0.2	0.67	1.12
Finger millet	655	-	-	-	-	-	-
Oats "Aja"	25,370	72.12	21.78	1.3	-	4.6	0.2
Rice	-	-	-	-	-	-	-
Pulses	1,355,730	51.23	19.93	26.26	0.02	0.03	2.53
Horse beans	851,526	54.28	19.16	22.45	-	0.01	4.12
Field peas	258,667	41.29	28.5	28.81	-	-	1.4
Haricot beans	191,498	45.85	16.92	37.12	0.11	-	-
Chick – peas	4,643	46.36	11.82	41.36	-	-	0.45
Lentils	12,775	76.5	15.19	8.31	-	-	-
Vetch	20,150	67.76	16.9	13.79	-	0.34	1.21
Soya beans	-	-	-	-	-	-	-
Fenugreek	16,473	32.5	20.33	42.61	-	0.22	4.35
Gibto	-	-	-	-	-	-	-
Oilseeds	315,088	34.02	14.75	50.82	0.02	0.11	0.29
Neug	7,227	46.38	10.28	43.08	-	-	0.26
Linseed	296,146	19.18	17.17	63.61	-	-	0.04
Groundnuts	109	16	3.33	75.67	-	-	5
Safflower	251	37.5	5	51.25	-	6.25	-
Sesame	591	78	6	15	1	-	-
Rapeseed	10,763	58.04	14.22	27.04	-	-	0.7
Vegetables	248,278	61.05	1.05	36.18	0.16	0.06	1.5
Lettuce	-	-	-	-	-	-	-
Head cabbage	10,762	46.67	-	52.44	-	0.26	0.64
Ethiopian cabbage	111,024	61.61	1.1	35.81	-	0.06	1.43
Tomatoes	93,076	22.41	-	75.65	-	-	1.94
Green peppers	14,972	81.59	1.59	15.52	-	-	1.3
Red peppers	18,444	63.86	2.06	32.51	1.43	-	0.14
Swiss chard	-	-	-	-	-	-	-
Root Crops	481,932	38.78	14.61	45.24	0.24	0.05	1.08
Beetroot	23,957	67.14	-	30.4	-	-	2.46
Carrot	12,773	49.22	-	48.83	-	-	1.94
Onion	205,638	26.64	7.95	65.08	-	-	0.33
Potatoes	-	-	-	-	-	-	-
Garlic	210,963	27.38	24.29	46.85	0.64	-	0.84
Taro / 'Godere'	328	-	-	-	-	-	-
Sweet potatoes	28,273	76.36	1.82	18.18	-	1.82	1.82
Permanent crops	135,859	45.89	0.01	50.28	0.26	1.19	2.37
Avocados	-	-	-	-	-	-	-
Bananas	14,962	44.12	-	53.53	-	1.18	1.18
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	2,942	75	-	25	-	-	-
Oranges	2,146	67.14	-	31.43	1.43	-	-
Papayas	3,790	80	-	20	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	24,606	35.69	-	58.66	0.25	-	5.4
Coffee	64,493	28.63	0.03	68.89	0.52	-	1.93
Hops (Gesho)	4,329	65.8	-	33.6	-	-	0.6
Enset	-	-	-	-	-	-	-
Sugar cane	18,592	30	-	11.67	-	55	3.33

TABLE 1.4.9- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

West Harerghe							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	5,257,789	72.82	14.37	10.08	0.3	0.63	1.8
Cereals	4,846,092	78.25	13.39	4.92	0.31	0.94	2.19
Teff	55,132	53.51	15.23	28.73	1	-	1.53
Barley	89,769	67.06	27.76	3.92	-	0.65	0.61
Wheat	64,249	68.22	26.68	3.36	0.35	0.32	1.06
Maize	1,795,832	82.14	11.1	3.09	0.24	1.52	1.92
Sorghum	2,817,697	83.03	8.98	3.51	0.4	0.72	3.36
Finger millet	21,128	67.33	18.42	14.26	-	-	-
Oats "Aja"	2,285	74.29	19.29	6.43	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	288,111	60.6	18.08	20.29	0.22	-	0.8
Horse beans	14,976	70.47	22.97	3.82	-	-	2.74
Field peas	1,786	91.67	6.67	1.67	-	-	-
Haricot beans	208,104	61.12	19.02	19.04	0.38	-	0.45
Chick – peas	45,271	39.63	15.87	41.54	-	-	2.96
Lentils	11,826	71.69	8.67	19.57	-	-	0.07
Vetch	186	95	5	-	-	-	-
Soya beans	1,601	100	-	-	-	-	-
Fenugreek	4,362	58.83	21.06	19.95	-	-	0.16
Gibto	-	-	-	-	-	-	-
Oilseeds	123,586	63.75	13.11	21.42	0.35	-	1.36
Neug	26	80	20	-	-	-	-
Linseed	6,056	74.49	13.58	10.48	0.3	-	1.15
Groundnuts	69,891	49.53	11.16	36.63	-	-	2.67
Safflower	358	75	6.25	18.75	-	-	-
Sesame	36,815	64.36	15.29	18.79	1	-	0.57
Rapeseed	10,440	78.5	13.04	8.46	-	-	-
Vegetables	199,970	69.27	2.28	26.42	0.6	-	1.43
Lettuce	754	55	-	42.5	-	-	2.5
Head cabbage	473	82.86	-	14.29	-	-	2.86
Ethiopian cabbage	1,806	83.33	3.33	13.33	-	-	-
Tomatoes	40,901	70.39	1.72	25.08	-	-	2.81
Green peppers	7,808	95.33	-	3.33	-	-	1.33
Red peppers	148,228	63.99	2.99	31.16	0.96	-	0.89
Swiss chard	-	-	-	-	-	-	-
Root Crops	696,661	50.11	14.64	26.94	-	3.89	4.42
Beetroot	1,186	72.5	-	22.5	-	-	5
Carrot	-	-	-	-	-	-	-
Onion	220,209	27	22.7	50.06	-	-	0.24
Potatoes	89,389	36	20	43.33	-	-	0.67
Garlic	3,871	35.94	53	8.13	-	-	2.94
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	382,006	73.24	0.53	8.76	-	8.71	8.76
Permanent crops	623,264	42.91	0.8	48.93	0.19	1.14	6.03
Avocados	-	-	-	-	-	-	-
Bananas	49,734	46.18	-	51.45	-	-	2.37
Guavas	306	68.53	-	7.45	-	0.2	23.82
Lemons	25	38.64	-	30.45	-	-	30.91
Mangoes	5,602	59.7	-	35.15	-	-	5.15
Oranges	408	63.25	2.5	22.5	-	-	11.75
Papayas	5,965	82.86	-	8.57	0.36	-	8.21
Pineapples	-	-	-	-	-	-	-
Chat	150,973	40.39	0.7	52.62	0.16	0.05	6.09
Coffee	69,147	37.88	1.63	59.13	-	-	1.36
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	341,105	25.13	-	44.88	2.25	24.38	3.38

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
Grain Crops	4,850,228	78.23	10.5	9.75	0.31	0.27	0.93
Cereals	4,258,238	84.52	10.48	3.21	0.35	0.4	1.04
Teff	47,068	60.93	8.41	28.9	1.76	-	-
Barley	78,682	76.44	17.77	4.54	0.21	0.67	0.38
Wheat	445,644	80.29	14.25	4.12	0.59	0.02	0.72
Maize	1,324,080	87.28	8.99	1.74	0.14	0.66	1.2
Sorghum	2,340,948	87.24	9.13	1.7	0.37	0.3	1.27
Finger millet	229	90	10	-	-	-	-
Oats "Aja"	21,587	80.48	15	4.52	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	222,771	81.25	8.94	9.43	0.01	-	0.36
Horse beans	53,883	86.38	9.8	2.5	-	-	1.33
Field peas	5,106	85.63	4.88	8.75	0.75	-	-
Haricot beans	126,718	82.65	9.16	7.97	-	-	0.23
Chick – peas	1,848	74.44	16.67	8.89	-	-	-
Lentils	10,143	76.14	8.77	15.09	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	67	94.5	5.5	-	-	-	-
Fenugreek	25,007	77.95	8.11	13.71	-	-	0.22
Gibto	-	-	-	-	-	-	-
Oilseeds	369,219	41.71	12.69	44	0.52	-	1.09
Neug	-	-	-	-	-	-	-
Linseed	21,916	71.18	7.17	21.55	0.04	-	0.05
Groundnuts	340,719	21.33	15.48	60.42	0.89	-	1.89
Safflower	-	-	-	-	-	-	-
Sesame	2,103	44.6	23.4	32	-	-	-
Rapeseed	4,482	71.11	8.83	20.06	-	-	-
Vegetables	12,129	66.39	1.93	30	0.03	-	1.64
Lettuce	-	-	-	-	-	-	-
Head cabbage	2,220	48	-	45	-	-	7
Ethiopian cabbage	1,270	100	-	-	-	-	-
Tomatoes	976	80	-	17.5	-	-	2.5
Green peppers	3,912	68.45	3.72	26.72	0.07	-	1.03
Red peppers	3,751	51.15	0.77	47.69	-	-	0.38
Swiss chard	-	-	-	-	-	-	-
Root Crops	6,159,802	73.05	7.1	18.01	0.04	0.8	1
Beetroot	1,305	82.5	-	-	-	-	17.5
Carrot	4,012	10	-	80	-	10	-
Onion	31,301	21.67	30.83	46.94	0.56	-	-
Potatoes	344,729	28.89	18.08	52.75	-	-	0.28
Garlic	46,755	23.85	24.23	51.67	-	-	0.26
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	5,731,700	95.67	0.09	2.02	0.01	1.12	1.09
Permanent crops	642,504	33.46	0.38	61.06	1.1	0.35	3.66
Avocados	-	-	-	-	-	-	-
Bananas	22,561	51.02	-	47.63	-	0.25	1.1
Guavas	2,009	83.03	-	13.64	-	-	3.33
Lemons	81	12.5	-	82.5	-	-	5
Mangoes	7,384	68.53	-	28.68	-	-	2.79
Oranges	-	-	-	-	-	-	-
Papayas	1,329	52.86	-	42.86	-	-	4.29
Pineapples	-	-	-	-	-	-	-
Chat	572,514	32.08	0.34	61.17	1.45	0.06	4.9
Coffee	36,626	17.06	0.81	81.11	0.78	-	0.25
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.4.11- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Bale							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	7,039,123	52.18	16.58	28.69	0.19	0.51	1.85
Cereals	6,259,212	58.11	16.07	22.64	0.25	0.68	2.25
Teff	530,493	62.51	15.83	20.08	0.43	-	1.15
Barley	829,336	66.38	20.99	8.96	0.21	1.69	1.78
Wheat	3,631,342	38.96	15.92	41.25	0.38	-	3.5
Maize	814,122	69.75	11.02	15.29	0.09	1.46	2.39
Sorghum	195,935	75.26	9.54	13.66	-	0.21	1.34
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	257,986	55.48	23.46	19.01	0.2	0.47	1.38
Rice	-	-	-	-	-	-	-
Pulses	525,216	45.86	17.46	35.81	-	0.06	0.81
Horse beans	299,609	46.67	15.85	37.41	-	-	0.07
Field peas	126,235	46.29	18.64	34.04	-	-	1.04
Haricot beans	53,233	61.78	13.69	22.45	-	-	2.08
Chick – peas	14,924	34.52	19.05	46.19	-	-	0.24
Lentils	13,109	42.26	16.9	40.6	-	-	0.24
Vetch	655	12.5	20	67.5	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	17,450	16.36	28.75	53.64	-	0.57	0.68
Gibto	-	-	-	-	-	-	-
Oilseeds	254,695	4.92	19.53	74.75	0.08	-	0.73
Neug	4,247	50.83	11.67	37.5	-	-	-
Linseed	222,688	3.33	16.96	79.7	-	-	-
Groundnuts	167	-	25	75	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	27,406	-	26.97	70.19	0.27	-	2.57
Rapeseed	188	20	13.33	66.67	-	-	-
Vegetables	157,002	58.95	1.11	37.89	-	-	2.05
Lettuce	-	-	-	-	-	-	-
Head cabbage	3,218	47	-	50	-	-	3
Ethiopian cabbage	27,344	77.71	-	19.41	-	-	2.88
Tomatoes	-	-	-	-	-	-	-
Green peppers	15,300	75	-	19.55	-	-	5.45
Red peppers	111,141	45.23	2.38	51.69	-	-	0.7
Swiss chard	-	-	-	-	-	-	-
Root Crops	532,362	59.55	9.51	26.43	-	1.52	2.99
Beetroot	2,569	58.33	-	40.83	-	-	0.83
Carrot	4,226	41.43	-	52.86	-	-	5.71
Onion	38,565	72.08	7.92	19.17	-	-	0.83
Potatoes	175,539	74	6.67	16.17	-	-	3.17
Garlic	19,268	29.72	37.5	32.78	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	292,195	56.9	-	26.9	-	8.1	8.1
Permanent crops	282,638	29.44	0.02	64.65	1.15	1.03	3.72
Avocados	-	-	-	-	-	-	-
Bananas	29,678	31.59	-	64.55	-	-	3.86
Guavas	72	35.71	-	57.14	-	-	7.14
Lemons	7	62.5	-	25	-	-	12.5
Mangoes	4,851	39.23	-	58.08	-	-	2.69
Oranges	24,134	21.67	-	75	-	-	3.33
Papayas	24,781	57.31	-	34.62	-	-	8.08
Pineapples	-	-	-	-	-	-	-
Chat	51,013	17.9	-	76.67	0.38	-	5.05
Coffee	117,637	21.53	-	73.37	3.02	-	2.08
Hops (Gesho)	1,863	73.16	-	26.84	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	28,601	20	-	42	-	36	2

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	Sale	Wages In kind	Animal Feed	Others
Grain Crops	647,289	60.74	15.74	21.81	0.09	0.11	1.51
Cereals	540,668	56.51	16.77	24.73	0.11	0.19	1.7
Teff	40,638	34.77	19.69	44.8	0.12	-	0.62
Barley	3,283	48.64	11.36	38.64	-	-	1.36
Wheat	28,230	41.11	22.22	36.67	-	-	-
Maize	347,483	65.52	14.45	17.2	0.16	0.26	2.41
Sorghum	121,035	69.62	18.08	9.9	-	0.38	2.02
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	106,368	68.58	13.52	16.83	0.06	-	1.01
Horse beans	2,315	64.62	4.62	30.77	-	-	-
Field peas	5	-	-	-	-	-	-
Haricot beans	103,647	68.8	13.91	16.13	0.07	-	1.09
Chick – peas	401	69	19	12	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	253	12.86	38.57	40	-	-	8.57
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	4	90	10	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	250	-	43.33	46.67	-	-	10
Vegetables	41,067	82.92	0.23	15.18	0.05	-	1.62
Lettuce	-	-	-	-	-	-	-
Head cabbage	6	-	-	-	-	-	-
Ethiopian cabbage	30,116	92.22	0.08	6.24	0.08	-	1.39
Tomatoes	-	-	-	-	-	-	-
Green peppers	10,005	72.12	0.67	25.29	-	-	1.92
Red peppers	940	17	-	79.5	-	-	3.5
Swiss chard	-	-	-	-	-	-	-
Root Crops	70,121	68.53	0.34	29.05	-	-	2.07
Beetroot	68	100	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	19,077	79.12	0.29	18.09	-	-	2.5
Sweet potatoes	50,975	61.86	0.14	36.07	-	-	1.93
Permanent crops	496,614	44.53	0.53	51.37	0.55	0.25	2.76
Avocados	-	-	-	-	-	-	-
Bananas	25,972	44	1.14	52.36	-	-	2.5
Guavas	22	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	45	48.33	-	46.67	-	-	5
Oranges	-	-	-	-	-	-	-
Papayas	485	60.31	-	39.69	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	6,628	7.5	1.82	85.34	0.91	-	4.43
Coffee	101,617	28.02	0.65	68.53	0.73	-	2.07
Hops (Gesho)	-	-	-	-	-	-	-
Enset	361,846	76.14	0.06	19.43	0.72	0.84	2.81
Sugar cane	-	-	-	-	-	-	-

TABLE 1.4.13- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

South West Shewa

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	6,681,578	53.19	16.97	27.89	0.29	0.23	1.43
Cereals	4,814,284	57.38	17.11	23.53	0.26	0.2	1.52
Teff	2,041,332	42.98	16.31	38.33	0.48	0.12	1.79
Barley	474,879	54.12	24.5	19.51	0.24	0.69	0.93
Wheat	1,462,553	52.24	18.92	26.06	0.31	-	2.46
Maize	765,496	78.53	11.51	8.84	-	0.19	0.93
Sorghum	66,361	72.12	13.94	13.33	0.15	0.15	0.3
Finger millet	767	85	15	-	-	-	-
Oats "Aja"	2,895	56.43	35	8.57	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	1,737,069	52.57	17.38	27.89	0.37	0.3	1.49
Horse beans	234,654	64.67	16.13	16.37	0.27	0.05	2.51
Field peas	200,413	46.37	18.81	32.26	1.75	0.08	0.73
Haricot beans	74,585	64.05	11.52	24.09	-	-	0.34
Chick – peas	778,158	47.44	19	31.17	0.24	0.15	2
Lentils	70,084	44.29	19.1	35.32	-	-	1.3
Vetch	369,214	44.7	18.34	34.7	0.16	1.38	0.71
Soya beans	1,165	-	-	-	-	-	-
Fenugreek	8,797	40.32	18.23	41.45	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	130,224	21.35	13.25	65.02	0.03	-	0.35
Neug	53,431	8.44	10.58	80.9	0.08	-	-
Linseed	68,449	3.43	14.11	82.46	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	1,006	84	6	8	-	-	2
Sesame	170	20	-	80	-	-	-
Rapeseed	7,168	49.9	16.57	32.55	-	-	0.98
Vegetables	216,993	84.13	1.32	13.79	-	-	0.77
Lettuce	-	-	-	-	-	-	-
Head cabbage	6,941	84.86	-	14.31	-	-	0.83
Ethiopian cabbage	102,052	90.46	0.47	8.16	-	-	0.91
Tomatoes	-	-	-	-	-	-	-
Green peppers	37,533	86.65	3.11	9.84	-	-	0.4
Red peppers	69,062	22.31	2.22	75.47	-	-	-
Swiss chard	1,406	74.38	0.63	21.25	-	-	3.75
Root Crops	122,524	70.21	12.84	16.39	0.07	0.02	0.48
Beetroot	4,305	91.41	-	7.81	-	-	0.78
Carrot	485	92.65	-	7.06	-	-	0.29
Onion	74,971	62.81	4.58	31.88	0.63	-	0.1
Potatoes	-	-	-	-	-	-	-
Garlic	36,379	57.11	22.02	20.38	-	0.06	0.44
Taro / 'Godere'	3,665	100	-	-	-	-	-
Sweet potatoes	2,718	100	-	-	-	-	-
Permanent crops	456,785	72.74	0.14	25.73	-	0.2	1.19
Avocados	-	-	-	-	-	-	-
Bananas	5,126	55.92	-	43.68	-	-	0.39
Guavas	4	58.33	-	41.67	-	-	-
Lemons	395	57.5	-	30	-	-	12.5
Mangoes	360	87.14	-	12.86	-	-	-
Oranges	3,362	81.82	-	18.18	-	-	-
Papayas	1,474	54.29	-	45.24	-	-	0.48
Pineapples	-	-	-	-	-	-	-
Chat	14,499	19.19	0.61	76.72	-	-	3.48
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	8,782	65.51	-	33.91	-	-	0.58
Enset	414,566	93.16	0.11	5.56	-	0.49	0.67
Sugar cane	8,219	72.2	-	25.8	-	-	2

TABLE 1.4.14- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Guji							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	2,939,510	42.82	15.49	39.32	1.16	0.12	1.08
Cereals	2,399,792	45.69	14.93	36.84	1.14	0.16	1.24
Teff	157,401	18.08	16.89	64.27	0.47	-	0.28
Barley	409,472	40.3	16.96	40.66	1.55	0.05	0.47
Wheat	159,541	29.96	20.33	48.37	0.81	-	0.53
Maize	1,672,872	56.89	12.76	27.06	1.11	0.27	1.9
Sorghum	506	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	539,548	36.51	16.71	44.78	1.24	0.03	0.74
Horse beans	163,253	33.52	17.09	47.16	1.42	0.06	0.75
Field peas	27,590	27.73	17.84	52.05	1.48	-	0.91
Haricot beans	345,777	42.38	15.92	40.1	1.03	-	0.57
Chick – peas	627	53.33	20	20	-	-	6.67
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	2,300	6.67	16.67	76.67	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	170	20	20	60	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	170	20	20	60	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	175,075	72.94	1.18	23.83	-	-	2.05
Lettuce	-	-	-	-	-	-	-
Head cabbage	2,219	53.33	-	46.67	-	-	-
Ethiopian cabbage	156,782	75.74	1.05	21.03	-	-	2.18
Tomatoes	-	-	-	-	-	-	-
Green peppers	15,979	62.14	1.43	34.65	-	-	1.78
Red peppers	95	15	20	65	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	134,581	63.71	3.59	31.4	-	-	1.3
Beetroot	984	65	-	35	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	82,055	59.32	5.28	33.89	-	-	1.51
Garlic	1,759	66	10	24	-	-	-
Taro / 'Godere'	1,256	100	-	-	-	-	-
Sweet potatoes	48,527	60.71	-	37.63	-	-	1.67
Permanent crops	2,405,903	52.53	0.55	43.06	1.24	0.47	2.15
Avocados	7,803	39.12	0.47	59.02	0.23	-	1.16
Bananas	107,488	40.33	-	57.75	0.44	0.7	0.77
Guavas	382	8.33	-	88.33	-	-	3.33
Lemons	-	-	-	-	-	-	-
Mangoes	675	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	1,266	19	-	81	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	7,762	16.17	-	81.17	0.67	-	2
Coffee	263,943	26.14	0.41	67.73	3.16	-	2.55
Hops (Gesho)	561	-	-	100	-	-	-
Enset	1,821,681	75.52	0.77	20.28	0.43	0.81	2.18
Sugar cane	194,344	26.48	0.43	69.26	0.43	0.22	3.17

TABLE 1.4.15- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	8,577,183	61.17	11.38	24.14	0.43	0.35	2.52
Cereals	8,107,660	64.26	11.43	21.06	0.49	0.41	2.35
Teff	199,408	37.13	11.37	50.52	-	-	0.99
Barley	1,596,190	60.77	16.49	18.8	0.41	0.7	2.83
Wheat	3,607,583	42.62	16.44	35.67	0.98	-	4.28
Maize	2,368,147	76.31	6.19	14.44	0.52	0.68	1.85
Sorghum	240,361	84.89	8.48	6.52	-	-	0.11
Finger millet	85,206	87.95	7.64	3.51	-	-	0.91
Oats "Aja"	10,765	83	11	-	-	6	-
Rice	-	-	-	-	-	-	-
Pulses	442,073	52.12	9.59	36.92	0.23	0.14	1.01
Horse beans	124,925	70.88	12.28	13.26	0.88	-	2.7
Field peas	44,327	48.57	8.57	41.43	-	-	1.43
Haricot beans	158,773	46.97	8.33	44.52	-	-	0.18
Chick - peas	366	100	-	-	-	-	-
Lentils	6,657	64.29	11.43	24.29	-	-	-
Vetch	52,909	37.86	8.81	51.9	-	-	1.43
Soya beans	-	-	-	-	-	-	-
Fenugreek	54,116	27.86	11.07	58.21	-	2.14	0.71
Gibto	-	-	-	-	-	-	-
Oilseeds	27,450	30.3	18.83	36.96	-	-	13.91
Neug	-	-	-	-	-	-	-
Linseed	22,564	23.85	20.4	55.25	-	-	0.5
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	626	92.5	7.5	-	-	-	-
Rapeseed	4,260	24.86	19.45	27.05	-	-	28.64
Vegetables	394,784	78.7	0.78	17.35	0.03	-	3.15
Lettuce	-	-	-	-	-	-	-
Head cabbage	15,413	50.67	1	48.33	-	-	-
Ethiopian cabbage	279,953	82.2	0.72	13.49	0.03	-	3.56
Tomatoes	65,340	5	-	95	-	-	-
Green peppers	23,621	78.88	-	18.63	-	-	2.5
Red peppers	10,456	41.79	4.29	53.93	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	191,819	46.47	24.43	26.7	0.08	0.28	2.03
Beetroot	18,403	71.61	0.53	24.45	-	2.63	0.79
Carrot	1,918	70.83	8.33	15.83	-	-	5
Onion	18,792	46.79	6.07	43.21	-	-	3.93
Potatoes	-	-	-	-	-	-	-
Garlic	152,706	31.14	31.2	34.11	-	-	3.54
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	1,272,096	72.05	0.38	23.87	0.6	0.58	2.53
Avocados	829	75.83	-	21.67	-	-	2.5
Bananas	12,680	55.5	-	42	-	0.42	2.08
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	216	5	-	95	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	1,234	86.67	-	13.33	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	748	42.67	-	51	-	-	6.33
Coffee	70,712	44.86	0.27	52.16	0.14	-	2.57
Hops (Gesho)	-	-	-	-	-	-	-
Enset	1,132,623	83.64	0.52	11.7	0.89	0.84	2.41
Sugar cane	53,055	36.67	-	62.22	-	-	1.11

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
Grain Crops	3,927,660	70.82	12.23	11.34	0.24	0.73	4.65
Cereals	3,650,780	70.92	12.74	9.77	0.27	1.02	5.28
Teff	220,435	62.84	15.45	16.47	0.41	-	4.84
Barley	47,356	66.02	19.78	9.39	0.06	1.15	3.6
Wheat	142,760	71.53	15.59	6.59	0.13	0.19	5.97
Maize	2,132,647	71.87	10.43	10.06	0.3	1.59	5.76
Sorghum	745,856	72.55	11.56	8.58	0.37	1.2	5.75
Finger millet	352,530	74.42	12.17	7.85	0.19	0.87	4.5
Oats "Aja"	542	63	14	21	-	-	2
Rice	8,654	76.67	8.33	6.67	-	-	8.33
Pulses	216,366	77.8	11.39	7.66	0.18	0.12	2.86
Horse beans	79,884	74.47	12.99	8.11	-	0.24	4.19
Field peas	45,755	72.28	12.63	10.78	0.09	0.26	3.97
Haricot beans	67,965	84.06	9	4.52	0.44	0.02	1.96
Chick – peas	15,644	70	15.45	12.73	-	-	1.82
Lentils	196	60	40	-	-	-	-
Vetch	2,735	-	-	-	-	-	-
Soya beans	1,750	79	10	10	-	-	1
Fenugreek	2,437	77.11	11	10.05	-	-	1.84
Gibto	-	-	-	-	-	-	-
Oilseeds	60,514	47.17	10.35	37.43	0.13	0.11	4.8
Neug	28,525	32.2	11.1	55.93	-	-	0.76
Linseed	1,166	74	7	17	-	-	2
Groundnuts	3,879	65.8	13	16.8	-	-	4.4
Safflower	177	81.67	6.67	10	-	-	1.67
Sesame	5,289	23.46	10.58	62.5	1.15	-	2.31
Rapeseed	21,478	52.75	9.75	28.85	-	0.25	8.4
Vegetables	284,465	59.43	1.63	38.2	0.02	0.02	0.69
Lettuce	-	-	-	-	-	-	-
Head cabbage	3,994	91.89	-	7.57	-	-	0.54
Ethiopian cabbage	8,301	89.78	0.44	9.33	-	-	0.44
Tomatoes	-	-	-	-	-	-	-
Green peppers	9,071	95.19	0.19	4.04	-	0.19	0.38
Red peppers	263,099	46.61	2.17	50.4	0.03	-	0.8
Swiss chard	-	-	-	-	-	-	-
Root Crops	77,019	83.17	2.44	11.09	0.06	2.01	1.23
Beetroot	4,772	90.77	0.26	8.85	-	-	0.13
Carrot	-	-	-	-	-	-	-
Onion	24,423	50	5.14	44.29	-	-	0.57
Potatoes	-	-	-	-	-	-	-
Garlic	5,872	89.32	4.77	5.23	0.23	-	0.45
Taro / 'Godere'	41,952	91.94	2.22	4.91	-	-	0.93
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	191,476	65.11	0.45	29.35	0.2	0.29	4.61
Avocados	-	-	-	-	-	-	-
Bananas	68,029	65.08	0.34	28.98	-	-	5.61
Guavas	114	79	-	7	-	-	14
Lemons	84	28	-	68	-	-	4
Mangoes	18,502	69.32	0.68	22.52	0.1	-	7.38
Oranges	1,871	61.54	-	34.62	-	-	3.85
Papayas	1,333	72.89	-	13.98	-	-	13.13
Pineapples	-	-	-	-	-	-	-
Chat	14,892	30.91	0.86	61.77	0.17	-	6.29
Coffee	86,456	69.03	0.36	27.35	0.42	-	2.84
Hops (Gesho)	195	39.63	0.63	58.75	-	-	1
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.4.17- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Horogudru Wellega

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	4,757,832	50.08	15.82	30.88	1.42	0.61	1.2
Cereals	3,890,011	60.48	16.18	18.89	1.74	1.22	1.49
Teff	1,089,120	57.42	19.78	19.39	1.55	0.73	1.13
Barley	186,298	58.65	23.06	13.31	0.87	2.76	1.35
Wheat	485,548	55.04	23.33	18.07	1.56	0.61	1.39
Maize	1,800,386	65.9	6.7	21.78	2.05	1.56	1.99
Sorghum	314,262	65.19	10.9	18.35	3.68	0.28	1.6
Finger millet	6,931	80	13.75	5	1.25	-	-
Oats "Aja"	3,354	45.5	31.5	22	-	0.5	0.5
Rice	4,113	56.67	13.33	26.67	3.33	-	-
Pulses	341,410	60.54	18.2	19.35	0.97	-	0.94
Horse beans	157,621	61.69	20.45	15.93	1.09	-	0.84
Field peas	122,496	61.13	17.73	18.23	1.42	-	1.5
Haricot beans	20,781	73.33	13.04	12.83	0.65	-	0.14
Chick – peas	4,162	74.29	21.43	4.29	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	34,123	6.47	14.71	75.29	3.53	-	-
Fenugreek	2,226	57.05	17.5	24.68	-	-	0.77
Gibto	-	-	-	-	-	-	-
Oilseeds	526,411	18.88	12.75	66.32	1.2	-	0.84
Neug	281,105	13.94	14.72	69.6	1.17	-	0.57
Linseed	5,968	57.43	14	28	-	-	0.57
Groundnuts	71,987	14.19	20.81	60.73	3.63	-	0.65
Safflower	6,203	22.65	10	53.82	0.59	-	12.94
Sesame	77,596	4.46	14.84	77.83	2.55	-	0.33
Rapeseed	83,554	26.23	7.35	65.44	0.33	-	0.65
Vegetables	24,460	83.26	0.29	15.71	0.28	-	0.47
Lettuce	-	-	-	-	-	-	-
Head cabbage	1,711	82.71	-	17.29	-	-	-
Ethiopian cabbage	1,777	83.33	0.42	15	-	-	1.25
Tomatoes	-	-	-	-	-	-	-
Green peppers	16,037	83.18	-	15.97	0.06	-	0.78
Red peppers	4,936	86.25	1.07	11.55	1.01	-	0.12
Swiss chard	-	-	-	-	-	-	-
Root Crops	138,067	65.91	10.85	22.42	0.03	-	0.78
Beetroot	3,133	84.31	-	15.37	-	-	0.32
Carrot	971	88.06	-	11.94	-	-	-
Onion	8,262	74.38	1.64	23.01	-	-	0.96
Potatoes	65,606	61.43	12.38	24.76	-	-	1.43
Garlic	59,075	56.11	17.11	25.83	0.06	-	0.89
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	1,021	92.86	0.71	5	-	-	1.43
Permanent crops	36,842	50.1	0.94	48.06	0.06	0.01	0.83
Avocados	-	-	-	-	-	-	-
Bananas	2,698	61.79	-	37.56	0.26	0.13	0.26
Guavas	-	-	-	-	-	-	-
Lemons	417	37.14	-	60	-	-	2.86
Mangoes	7,469	76.07	-	21.43	-	-	2.5
Oranges	120	20	-	65	-	-	15
Papayas	455	85	-	7.5	-	-	7.5
Pineapples	-	-	-	-	-	-	-
Chat	1,302	9.17	-	90	-	-	0.83
Coffee	5,076	92.25	-	7.5	-	-	0.25
Hops (Gesho)	9,922	42.65	2.04	55.06	-	-	0.25
Enset	-	-	-	-	-	-	-
Sugar cane	9,383	32.07	-	66.55	0.34	-	1.03

TABLE 1.5- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Somale Region							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	2,059,491	76.93	8.42	9.26	0.31	0.6	4.47
Cereals	2,016,878	79.7	8.4	6.2	0.33	0.67	4.7
Teff	-	-	-	-	-	-	-
Barley	23,009	52.78	21.94	17.22	3.89	-	4.17
Wheat	92,782	63.7	13.68	15.63	2.5	0.25	4.25
Maize	920,293	79.48	7.99	6.27	0.22	1	5.03
Sorghum	980,619	83.2	7.28	4.58	0.03	0.44	4.47
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	175	-	100	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	13,954	78.33	7.6	11.88	0.1	-	2.08
Horse beans	-	-	-	-	-	-	-
Field peas	22	95	-	-	-	-	5
Haricot beans	13,803	77.61	7.93	12.39	0.11	-	1.96
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	129	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	28,659	20.54	9.87	66.41	0.13	-	3.05
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	28,463	9.7	10.67	76.67	0.15	-	2.82
Safflower	-	-	-	-	-	-	-
Sesame	196	80.17	5.5	10	-	-	4.33
Rapeseed	-	-	-	-	-	-	-
Vegetables	37,037	35.08	1.61	59.49	0.34	-	3.47
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	36,178	29.07	-	67.79	0.47	-	2.67
Green peppers	859	54	6.33	34.33	-	-	5.33
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	102,104	26.3	1.79	68.57	0.11	-	3.23
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	101,939	18.13	0.22	78.7	0.13	-	2.83
Potatoes	-	-	-	-	-	-	-
Garlic	165	9	90	-	-	-	1
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	108,097	27.38	0.37	65.25	0.12	-	6.88
Avocados	-	-	-	-	-	-	-
Bananas	7,022	33.23	-	61.77	-	-	5
Guavas	70	40	-	30	-	-	30
Lemons	2,319	8.47	-	89.72	-	-	1.81
Mangoes	3,776	28.67	-	63.33	-	-	8
Oranges	36,074	16	-	79.42	0.32	-	4.26
Papayas	5,439	62.43	-	33.57	-	-	4
Pineapples	-	-	-	-	-	-	-
Chat	53,396	32.79	0.76	57.1	0.14	-	9.21
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

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
Grain Crops	25,762	89.06	5.42	0.57	-	0.91	4.03
Cereals	25,666	89.09	5.48	0.59	-	0.94	3.9
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	3,273	93.74	3.98	0.47	-	-	1.81
Sorghum	22,394	87.19	6.1	0.64	-	1.32	4.75
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	22	95	-	-	-	-	5
Horse beans	-	-	-	-	-	-	-
Field peas	22	95	-	-	-	-	5
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	74	80.5	6.5	-	-	-	13
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	74	80.5	6.5	-	-	-	13
Rapeseed	-	-	-	-	-	-	-
Vegetables	780	52.5	15	30	-	-	2.5
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	764	62.5	-	35	-	-	2.5
Green peppers	16	32.5	45	20	-	-	2.5
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	74	62.64	8.18	26.36	-	-	2.82
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	74	62.5	-	37.5	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	47,356	26.18	-	67.6	0.07	-	6.15
Avocados	-	-	-	-	-	-	-
Bananas	2,626	37.2	-	59.3	-	-	3.5
Guavas	-	-	-	-	-	-	-
Lemons	1,746	8.87	-	89.7	-	-	1.43
Mangoes	3,620	30	-	62.14	-	-	7.86
Oranges	36,074	16	-	79.42	0.32	-	4.26
Papayas	64	84.25	-	13.75	-	-	2
Pineapples	-	-	-	-	-	-	-
Chat	3,226	32.82	-	57.45	-	-	9.73
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.5.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Jijiga							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	1,903,949	76.72	7.88	10.52	0.37	0.19	4.33
Cereals	1,869,897	80.38	7.89	6.47	0.4	0.21	4.65
Teff	-	-	-	-	-	-	-
Barley	23,009	52.78	21.94	17.22	3.89	-	4.17
Wheat	92,782	63.7	13.68	15.63	2.5	0.25	4.25
Maize	796,860	84.7	5.39	4.01	0.13	0.38	5.38
Sorghum	957,072	81.84	7.6	6.25	0.04	0.09	4.19
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	175	-	100	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	5,466	88.46	4.62	6.35	-	-	0.58
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	5,338	88.46	4.62	6.35	-	-	0.58
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	129	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	28,585	17.3	10.05	70	0.14	-	2.51
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	28,463	9.7	10.67	76.67	0.15	-	2.82
Safflower	-	-	-	-	-	-	-
Sesame	122	80	5	15	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	34,804	40.97	0.16	56.29	-	-	2.58
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	34,201	26.43	-	73.1	-	-	0.48
Green peppers	603	71.5	0.5	21	-	-	7
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	100,524	13.13	0.33	83	0.2	-	3.33
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	100,359	6.93	0.36	88.93	0.21	-	3.57
Potatoes	-	-	-	-	-	-	-
Garlic	165	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	50,240	32.37	1.4	57.19	0.26	-	8.77
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	70	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	50,170	32.77	1.43	56.79	0.27	-	8.75
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.5.3- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Liben							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	129,781	63.29	14.52	13.93	0.44	2.14	5.67
Cereals	121,315	63.25	14.95	12.74	0.47	2.55	6.04
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	120,161	63.35	14.76	13.11	0.49	2.62	5.68
Sorghum	1,154	60	21.67	-	-	-	18.33
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	8,466	63.5	12.25	20.25	0.25	-	3.75
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	8,466	63.5	12.25	20.25	0.25	-	3.75
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	1,453	22.05	-	72.05	0.91	-	5
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	1,214	24.72	-	68.89	1.11	-	5.28
Green peppers	240	10	-	88.33	-	-	1.67
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	1,506	26	-	70.67	-	-	3.33
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	1,506	27.86	-	70	-	-	2.14
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	10,500	17.73	-	75.45	-	-	6.82
Avocados	-	-	-	-	-	-	-
Bananas	4,396	20	-	70	-	-	10
Guavas	-	-	-	-	-	-	-
Lemons	573	2.5	-	90	-	-	7.5
Mangoes	156	10	-	80	-	-	10
Oranges	-	-	-	-	-	-	-
Papayas	5,375	33.33	-	60	-	-	6.67
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.6- CROP PRODUCTION AND PERCENT OF UTILIZATION

ALL HOLDINGS

Benshangul-Gumuz

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	4,420,519	61.15	10.51	25.74	1.15	0.36	1.09
Cereals	3,398,333	73.62	10.25	13.19	1.12	0.56	1.26
Teff	197,194	59.88	13.26	22.85	2.4	0.07	1.55
Barley	7,878	62.18	18.58	18.69	-	0.55	-
Wheat	29,461	54.22	15.85	26.29	1.09	-	2.55
Maize	1,454,545	77.98	8.96	10.48	0.7	0.79	1.09
Sorghum	1,309,957	73.79	10.02	13.79	0.77	0.57	1.06
Finger millet	365,683	72.64	10.53	11.8	2.79	0.13	2.1
Oats "Aja"	812	60	33.08	6.15	-	-	0.77
Rice	32,804	71.88	8.13	6.88	3.13	2.5	7.5
Pulses	447,663	62.68	10.87	24.74	0.98	0.09	0.64
Horse beans	9,771	61.87	12.23	23.55	2.17	-	0.19
Field peas	9,997	68.83	10.74	20.43	-	-	-
Haricot beans	88,505	76.38	9.33	12.38	1.04	0.03	0.85
Chick – peas	5,647	76.98	10.68	11.02	-	-	1.32
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	333,665	25.43	14.45	58.85	0.72	0.3	0.24
Fenugreek	2	88	1	11	-	-	-
Gibto	76	20	20	60	-	-	-
Oilseeds	574,523	28.29	10.97	58.51	1.32	-	0.9
Neug	45,500	26.09	12.55	60.48	0.62	-	0.25
Linseed	3,792	67.67	9.99	22.06	-	0.04	0.24
Groundnuts	380,127	29.39	11.93	54.3	2.46	-	1.92
Safflower	6,686	48.68	12.11	39.21	-	-	-
Sesame	137,035	14.54	10.02	73.09	1.48	-	0.88
Rapeseed	1,383	49.2	6.43	44.38	-	-	-
Vegetables	43,275	82.02	1.49	15.42	0.76	-	0.3
Lettuce	1	81.67	-	18.33	-	-	-
Head cabbage	1,102	77.89	-	21.84	-	-	0.26
Ethiopian cabbage	1,338	84.04	2.12	13.65	-	-	0.19
Tomatoes	89	83.33	-	16.67	-	-	-
Green peppers	2,158	90.98	-	8.84	-	-	0.18
Red peppers	38,587	80.36	1.8	16.39	1.09	-	0.36
Swiss chard	-	-	-	-	-	-	-
Root Crops	189,951	79.3	2.47	17.89	0.06	-	0.28
Beetroot	265	81.11	-	18.89	-	-	-
Carrot	77	82.63	-	17.37	-	-	-
Onion	12,937	73.87	0.79	25.11	-	-	0.23
Potatoes	102,999	73	14.82	11.54	-	-	0.64
Garlic	223	60.87	7.79	31.34	-	-	-
Taro / 'Godere'	12,638	83.18	0.65	16.04	-	-	0.13
Sweet potatoes	60,813	86.03	0.58	12.85	0.13	-	0.41
Permanent crops	98,605	48.98	1.17	47.75	0.09	0.04	1.97
Avocados	51	81.67	-	18.33	-	-	-
Bananas	23,957	41.51	0.76	55.76	0.23	0.08	1.67
Guavas	809	68.32	-	30.55	-	-	1.14
Lemons	1,202	38.11	-	55.71	0.26	-	5.92
Mangoes	51,411	57.21	0.42	38.52	0.17	0.07	3.62
Oranges	1,451	46.56	3.12	48.38	-	0.13	1.82
Papayas	2,593	65.73	0.18	33.38	-	-	0.71
Pineapples	-	-	-	-	-	-	-
Chat	8,322	27.47	1.38	69.64	-	-	1.51
Coffee	2,391	58.17	2.94	38.62	-	-	0.27
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	6,418	29.65	0.47	67.33	-	-	2.56

TABLE 1.6.1- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Metekel							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	2,652,353	52.95	11.14	29.68	3.7	0.08	2.46
Cereals	1,820,792	67.89	10.77	14.82	3.63	0.13	2.77
Teff	161,568	55.26	16.88	18.27	6.02	-	3.58
Barley	7,306	64.4	15	20.2	-	0.4	-
Wheat	27,856	57.69	18.27	17.88	1.15	-	5
Maize	649,540	75.13	8.21	11.82	2.35	0.16	2.33
Sorghum	609,174	63.11	10.58	21.26	3.38	0.08	1.59
Finger millet	331,928	68.85	10.25	10.57	5.94	0.06	4.33
Oats "Aja"	636	68.33	28.33	3.33	-	-	-
Rice	32,783	65	8.33	9.17	4.17	3.33	10
Pulses	349,217	54.14	11.37	30.22	2.96	-	1.31
Horse beans	9,562	66.65	10.98	19.25	2.88	-	0.25
Field peas	9,942	72.81	10.63	16.56	-	-	-
Haricot beans	59,727	70.49	11.5	11.65	3.91	-	2.45
Chick – peas	2,298	41	6.43	47.86	-	-	4.71
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	267,613	9.44	12.41	75.96	2.19	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	76	20	20	60	-	-	-
Oilseeds	482,344	16.25	11.88	65.14	4.31	-	2.43
Neug	16,514	18.94	16.29	58.87	4.84	-	1.06
Linseed	2,283	89.27	8.53	-	-	-	2.2
Groundnuts	367,249	8.48	13.65	68.81	5.34	-	3.71
Safflower	6,562	30.83	15	54.17	-	-	-
Sesame	88,971	11.07	9.34	73.27	4.43	-	1.9
Rapeseed	767	49.41	10.59	40	-	-	-
Vegetables	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	116,396	66.86	8.67	24.16	0.2	-	0.12
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	101,126	70.38	17.28	12.19	-	-	0.16
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	2,725	97.27	0.91	1.82	-	-	-
Sweet potatoes	12,545	84.29	-	14.05	1.19	-	0.48
Permanent crops	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.6.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Asosa							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	975,452	69.58	9.85	19.44	0.03	0.77	0.33
Cereals	893,705	81.32	9.23	7.91	0.05	1.1	0.39
Teff	30,512	67.7	10.66	21.38	-	0.26	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	439,665	83.98	8.46	5.6	0.05	1.55	0.35
Sorghum	401,850	80.89	9.18	8.2	0.06	1.04	0.62
Finger millet	21,660	86.2	9.46	4.34	-	-	-
Oats "Aja"	16	-	100	-	-	-	-
Rice	2	-	-	-	-	-	-
Pulses	36,133	59.26	11.93	28.26	-	0.35	0.21
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	11,965	80.18	6.89	12.93	-	-	-
Chick – peas	3,207	84.14	11.72	4.14	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	20,961	36.13	15.14	47.61	-	0.7	0.42
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	45,614	39.54	10.65	49.59	-	-	0.23
Neug	24,546	22.14	10.82	66.82	-	-	0.23
Linseed	983	79.33	12.36	8.3	-	-	-
Groundnuts	10,355	45.14	8.7	45.62	-	-	0.55
Safflower	60	100	-	-	-	-	-
Sesame	9,608	40.66	11.94	47.4	-	-	-
Rapeseed	62	40	15	45	-	-	-
Vegetables	28,161	78.14	1.29	20.29	-	-	0.28
Lettuce	-	-	-	-	-	-	-
Head cabbage	894	73.13	-	26.25	-	-	0.63
Ethiopian cabbage	225	74.29	0.71	24.29	-	-	0.71
Tomatoes	51	95	-	5	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	26,992	78.34	1.52	19.92	-	-	0.22
Swiss chard	-	-	-	-	-	-	-
Root Crops	40,381	72.68	0.88	25.75	-	-	0.7
Beetroot	213	80	-	20	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	7,252	68.18	-	31.36	-	-	0.45
Potatoes	1,706	73.75	6.25	15	-	-	5
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	1,065	78	-	20	-	-	2
Sweet potatoes	30,145	74.53	0.86	23.98	-	-	0.63
Permanent crops	76,447	56.21	0.09	41.29	-	-	2.4
Avocados	51	92.5	-	7.5	-	-	-
Bananas	18,118	31.39	0.28	66.6	-	-	1.74
Guavas	809	66.15	-	32.6	-	-	1.25
Lemons	1,159	33.2	-	65.13	-	-	1.67
Mangoes	46,027	55.67	-	39.85	-	-	4.48
Oranges	952	57.65	-	41.47	-	-	0.88
Papayas	1,141	69	-	29.57	-	-	1.43
Pineapples	-	-	-	-	-	-	-
Chat	1,641	38.42	0.26	60.79	-	-	0.53
Coffee	1,073	97.79	-	1.8	-	-	0.41
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	5,477	28.7	-	67.39	-	-	3.91

TABLE 1.6.3- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Kemeshi							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	624,814	60.86	9.6	28.27	0.17	0.36	0.74
Cereals	527,973	74.51	9.3	14.31	0.23	0.59	1.06
Teff	3,054	71.15	8.85	19.74	-	-	0.26
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	270,669	75.31	9.02	13.93	0.22	0.65	0.87
Sorghum	249,802	74.01	9.75	14.01	0.27	0.59	1.38
Finger millet	4,299	73.47	9.37	15	0.33	0.83	1
Oats "Aja"	149	80.83	5.83	11.67	-	-	1.67
Rice	-	-	-	-	-	-	-
Pulses	57,923	70.8	9.44	19.37	-	-	0.4
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	13,105	81.47	7.59	10.55	-	-	0.39
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	44,818	5	20.83	73.75	-	-	0.42
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	38,917	19.57	10.47	69.7	0.11	-	0.15
Neug	1,089	51.65	15.7	32.65	-	-	-
Linseed	1	97.5	2.5	-	-	-	-
Groundnuts	1,442	49	13.47	37	-	-	0.53
Safflower	65	60	8.33	31.67	-	-	-
Sesame	36,321	6.99	9.23	83.5	0.15	-	0.13
Rapeseed	-	-	-	-	-	-	-
Vegetables	12,922	85.84	0.25	13.24	0.55	-	0.13
Lettuce	1	97.5	-	2.5	-	-	-
Head cabbage	197	90	-	10	-	-	-
Ethiopian cabbage	68	100	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	1,623	96.25	-	3.75	-	-	-
Red peppers	11,033	81.27	0.36	17.41	0.78	-	0.18
Swiss chard	-	-	-	-	-	-	-
Root Crops	10,496	94.29	0.54	4.69	0.07	-	0.41
Beetroot	51	98.89	-	1.11	-	-	-
Carrot	77	92.31	-	7.69	-	-	-
Onion	1,321	92.67	0.3	6.67	-	-	0.36
Potatoes	152	100	-	-	-	-	-
Garlic	48	96.07	0.36	3.57	-	-	-
Taro / 'Godere'	861	100	-	-	-	-	-
Sweet potatoes	7,986	93.99	0.91	4.28	0.14	-	0.68
Permanent crops	3,955	73.01	1.37	20.96	0.14	-	4.52
Avocados	-	-	-	-	-	-	-
Bananas	1,667	65.71	2.38	26.67	-	-	5.24
Guavas	-	-	-	-	-	-	-
Lemons	28	46.67	-	38.33	-	-	15
Mangoes	235	83.39	1.61	10.81	0.32	-	3.87
Oranges	2	100	-	-	-	-	-
Papayas	1,081	71.67	-	28.33	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	1	76.25	-	23.75	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	941	56.67	-	40	-	-	3.33

TABLE 1.6.4- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Mao Komo

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	167,901	62.6	11.27	25.15	0.14	0.29	0.55
Cereals	155,863	70.97	11.63	16.11	0.19	0.44	0.66
Teff	2,060	51.05	12.57	35.78	0.09	-	0.52
Barley	571	59.66	21.62	18.03	-	0.69	-
Wheat	1,604	51.14	14.18	33.25	1.07	-	0.36
Maize	94,670	76.9	10.32	11.11	0.13	0.72	0.82
Sorghum	49,130	72.7	11.07	14.92	0.19	0.32	0.8
Finger millet	7,796	68.52	12.19	18.69	0.25	0.15	0.2
Oats "Aja"	11	45	55	-	-	-	-
Rice	20	92.5	7.5	-	-	-	-
Pulses	4,390	69.99	10.75	18.86	-	0.07	0.33
Horse beans	209	47.15	16.08	36.77	-	-	-
Field peas	55	59.71	11	29.29	-	-	-
Haricot beans	3,709	72.81	10.91	15.94	-	0.11	0.22
Chick – peas	142	82.5	10.63	3.75	-	-	3.13
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	274	65	8.33	26.67	-	-	-
Fenugreek	2	88	1	11	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	7,648	39.59	10.64	49.29	0.08	0.02	0.39
Neug	3,352	22.84	12.09	64.79	0.17	-	0.11
Linseed	526	57.81	9.68	32.45	-	0.06	-
Groundnuts	1,081	48.82	10.97	40.07	-	-	0.14
Safflower	-	-	-	-	-	-	-
Sesame	2,135	21.43	12.43	64.09	0.18	-	1.88
Rapeseed	554	49.9	2.24	47.86	-	-	-
Vegetables	2,192	78.98	2.6	18.42	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	11	56.67	-	43.33	-	-	-
Ethiopian cabbage	1,045	85.31	3.13	11.56	-	-	-
Tomatoes	38	60	-	40	-	-	-
Green peppers	536	83.41	-	16.59	-	-	-
Red peppers	562	75.57	4.43	20	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	22,678	80.25	0.8	18.91	-	-	0.05
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	4,364	59.83	1.33	38.83	-	-	-
Potatoes	15	100	-	-	-	-	-
Garlic	174	22.5	11.25	66.25	-	-	-
Taro / 'Godere'	7,987	79.74	0.7	19.56	-	-	-
Sweet potatoes	10,138	88.07	0.32	11.51	-	-	0.09
Permanent crops	18,203	38.85	2.25	56.91	0.19	0.1	1.7
Avocados	-	-	-	-	-	-	-
Bananas	4,173	43.75	1.04	53.19	0.63	0.21	1.18
Guavas	-	-	-	-	-	-	-
Lemons	16	36	-	44	-	-	20
Mangoes	5,149	45.61	1.23	48.77	0.7	0.35	3.33
Oranges	497	41.79	4.29	51.88	-	0.18	1.88
Papayas	371	44.44	0.56	53.89	-	-	1.11
Pineapples	-	-	-	-	-	-	-
Chat	6,681	24.63	1.83	71.63	-	-	1.91
Coffee	1,318	38.9	3.83	57.02	-	-	0.26
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.7- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

S.N.N.P.Region		Percent Utilized for					
Type of Crop	Total Production (Quintal)	Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	20,832,699	60.93	13.64	22.51	0.62	0.4	1.9
Cereals	17,918,343	59.9	13.27	23.34	0.77	0.57	2.15
Teff	2,515,409	38.48	15.5	42.88	1	0.11	2.03
Barley	1,314,680	58.85	18.41	20.06	0.38	0.64	1.66
Wheat	3,022,337	48.47	17.12	31.5	0.54	0.03	2.35
Maize	8,718,902	71.49	9.45	15.32	0.58	0.9	2.26
Sorghum	2,245,194	70.89	10.84	13.61	1.3	0.89	2.46
Finger millet	57,040	83.68	10.02	5.14	0.24	0.04	0.89
Oats "Aja"	4,014	51.38	20.25	26	-	2.13	0.25
Rice	40,767	53.5	14.83	25.33	5	0.17	1.17
Pulses	2,866,520	63.94	14.03	20.17	0.35	0.06	1.45
Horse beans	1,137,129	60.69	14.25	23.04	0.43	0.02	1.57
Field peas	651,050	53.65	16.3	27.74	0.47	-	1.84
Haricot beans	995,352	72.9	12.23	13.29	0.24	0.11	1.23
Chick – peas	66,363	66.55	10.88	20.41	0.54	-	1.61
Lentils	5,618	47.6	23.29	28.5	-	-	0.61
Vetch	8,382	88.53	2.47	8.53	0.47	-	-
Soya beans	306	88.16	1.58	10.26	-	-	-
Fenugreek	2,235	54.35	21.18	23.23	0.09	0.88	0.27
Gibto	86	63	27	10	-	-	-
Oilseeds	47,836	49.73	18.22	30.56	0.07	0.13	1.29
Neug	11,782	19.17	10.63	68.13	-	-	2.08
Linseed	7,065	55.09	20.38	22.88	0.05	-	1.6
Groundnuts	4,457	54.52	9.93	32.45	-	-	3.1
Safflower	3,258	62.67	7.07	27.33	-	2.17	0.77
Sesame	13,000	15.88	34.12	49.85	-	-	0.15
Rapeseed	8,274	50.52	17.1	31.28	0.13	0.04	0.93
Vegetables	3,386,919	78.6	0.74	18.82	0.2	0.05	1.59
Lettuce	-	-	-	-	-	-	-
Head cabbage	55,613	75.95	0.81	21.81	-	0.36	1.07
Ethiopian cabbage	2,487,872	85.31	0.56	12.13	0.14	0.04	1.81
Tomatoes	36,681	54.19	0.35	44.7	0.05	-	0.71
Green peppers	111,086	78.29	0.62	19.69	0.12	-	1.28
Red peppers	695,668	38.71	1.97	57.72	0.75	0.06	0.79
Swiss chard	-	-	-	-	-	-	-
Root Crops	17,019,766	75.01	10.33	12.53	0.16	1.04	0.92
Beetroot	42,882	76.45	0.18	22.69	0.05	-	0.63
Carrot	7,308	85.05	0.44	13.85	-	-	0.66
Onion	74,405	54.6	9.56	34.79	0.17	-	0.88
Potatoes	2,126,006	60.7	27.28	11.2	0.2	0.03	0.58
Garlic	127,953	50.74	15.94	32.6	0.06	-	0.65
Taro / 'Godere'	9,808,667	80.89	10.96	6.27	0.22	0.64	1.03
Sweet potatoes	4,832,544	81.92	0.95	12.8	0.1	3.18	1.04
Permanent crops	27,757,708	56.65	0.39	39.7	0.48	0.91	1.86
Avocados	247,555	52.41	0.1	45.46	0.19	0.26	1.57
Bananas	2,149,445	46.54	0.26	51.23	0.17	0.15	1.64
Guavas	1,696	71.72	-	26.01	0.07	-	2.2
Lemons	8,364	43.93	-	50.84	-	-	5.23
Mangoes	343,910	57.15	0.06	40.41	0.12	0.03	2.23
Oranges	90,250	58.52	0.25	38.86	0.16	-	2.21
Papayas	225,751	82.36	0.2	14.74	0.09	0.17	2.44
Pineapples	2,437	56.6	1.38	40.71	-	-	1.31
Chat	354,668	21.12	0.59	76.09	0.22	-	1.97
Coffee	1,086,310	46.15	0.41	51.53	0.66	0.01	1.23
Hops (Gesho)	1,515	30.8	0.51	66.67	0.06	0.04	1.93
Enset	19,801,912	84.26	0.39	10.19	0.93	2.02	2.21
Sugar cane	3,443,895	45.5	1.34	43.68	0.2	6.61	2.68

TABLE 1.7.1- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Gurage							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	2,390,179	64.8	10.66	22.9	0.51	0.28	0.84
Cereals	2,187,007	64.86	10.08	23.29	0.53	0.27	0.97
Teff	427,605	39.29	10.82	48.21	1.39	-	0.3
Barley	310,435	67.83	14.3	16.31	-	0.32	1.23
Wheat	378,781	62.43	11.33	25.02	0.02	-	1.19
Maize	990,185	78.85	5.85	12.78	0.75	0.64	1.13
Sorghum	79,461	83.86	7.19	7.37	0.44	0.35	0.79
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	539	40	35	25	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	191,100	68.6	11.2	18.84	0.51	0.31	0.55
Horse beans	94,561	74.69	11.32	13.23	-	-	0.77
Field peas	48,833	58.49	13.4	25.94	1.7	-	0.47
Haricot beans	9,080	60.22	11.44	26.11	-	2.22	-
Chick – peas	33,239	51.96	7.61	37.39	2.83	-	0.22
Lentils	366	90	10	-	-	-	-
Vetch	5,020	79.29	3.14	16.43	1.14	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	12,072	28.43	21	50.29	-	-	0.29
Neug	11,441	5.28	10.28	84.44	-	-	-
Linseed	163	88.75	7.5	3.75	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	38	15	-	85	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	431	40	47.27	12.73	-	-	-
Vegetables	447,754	80.75	0.5	17.67	0.09	0.06	0.94
Lettuce	-	-	-	-	-	-	-
Head cabbage	8,403	86.45	-	13.03	-	-	0.53
Ethiopian cabbage	297,299	89.72	0.38	8.65	-	0.08	1.17
Tomatoes	-	-	-	-	-	-	-
Green peppers	356	89.21	-	10.79	-	-	-
Red peppers	141,695	19.27	2.08	77.4	0.73	-	0.52
Swiss chard	-	-	-	-	-	-	-
Root Crops	357,434	70.15	13.12	16.27	0.02	-	0.44
Beetroot	1,021	93.53	-	5.13	-	-	1.33
Carrot	3,727	93.44	-	6.25	-	-	0.31
Onion	-	-	-	-	-	-	-
Potatoes	151,511	61.85	31.3	6.57	-	-	0.28
Garlic	48,613	41.66	17.31	40.95	-	-	0.08
Taro / 'Godere'	152,561	85.59	9.56	3.91	-	-	0.94
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	723,953	66.56	0.72	30.32	0.52	0.11	1.77
Avocados	13,284	67.66	-	31.73	0.12	-	0.48
Bananas	27,683	58.07	1.58	39.21	0.18	-	0.96
Guavas	-	-	-	-	-	-	-
Lemons	781	31	-	68.5	-	-	0.5
Mangoes	5,451	42.22	-	56.94	-	-	0.83
Oranges	21,456	53.99	-	42.81	0.75	-	2.46
Papayas	14,253	60.35	-	38.02	0.23	-	1.4
Pineapples	-	-	-	-	-	-	-
Chat	50,004	23.24	1.41	73.27	-	-	2.08
Coffee	8,714	86.9	0.37	11.52	0.51	-	0.71
Hops (Gesho)	-	-	-	-	-	-	-
Enset	582,326	89.2	1.11	6.12	1.09	0.27	2.2
Sugar cane	-	-	-	-	-	-	-

TABLE 1.7.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Hadiya

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	2,552,818	62.75	11.99	23.82	0.26	0.26	0.92
Cereals	2,283,922	63.66	11.99	22.65	0.25	0.35	1.11
Teff	373,626	38.88	10.63	49.61	0.31	-	0.58
Barley	91,232	75.82	13.33	10.15	-	-	0.7
Wheat	1,035,272	47	18.31	32.4	0.22	-	2.07
Maize	642,643	84.04	7.54	6.32	0.29	0.72	1.09
Sorghum	138,079	79.41	10.55	7.94	0.29	1.02	0.78
Finger millet	3,070	84.46	14.29	0.63	0.21	-	0.42
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	263,998	63.94	11.55	23.83	0.33	-	0.34
Horse beans	175,604	62.07	11.36	25.97	0.25	-	0.35
Field peas	57,291	57.95	11.38	30.08	-	-	0.58
Haricot beans	29,384	72.34	11.22	15.53	0.69	-	0.21
Chick - peas	1,098	80	20	-	-	-	-
Lentils	454	50	10	40	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	167	36.25	28.75	35	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	4,898	25.58	15.47	58.95	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	1,688	53.36	15.21	31.43	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	3,211	9.38	15.63	75	-	-	-
Vegetables	398,562	79.77	0.71	18.23	0.2	0.02	1.07
Lettuce	-	-	-	-	-	-	-
Head cabbage	4,050	79.38	-	19.38	-	-	1.25
Ethiopian cabbage	337,148	89.12	0.05	9.42	0.19	0.03	1.2
Tomatoes	18,260	50	-	47.78	-	-	2.22
Green peppers	-	-	-	-	-	-	-
Red peppers	39,105	21.09	4.2	73.89	0.31	-	0.51
Swiss chard	-	-	-	-	-	-	-
Root Crops	940,773	69.18	19.11	9.65	0.18	1.65	0.23
Beetroot	16,083	92.58	-	7.25	-	-	0.17
Carrot	319	85	-	15	-	-	-
Onion	298	87.5	2.5	10	-	-	-
Potatoes	272,468	46.79	46.27	6.42	0.52	-	-
Garlic	673	90.45	9.09	-	0.45	-	-
Taro / 'Godere'	650,932	67.27	17.05	14.77	0.06	0.28	0.57
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	863,180	65.8	0.31	30.07	1.11	0.87	1.83
Avocados	-	-	-	-	-	-	-
Bananas	152,653	54.61	-	43.74	0.61	-	1.05
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	3,958	66.36	-	30.71	0.36	-	2.57
Oranges	742	40	-	60	-	-	-
Papayas	2,272	79.29	-	20	0.48	-	0.24
Pineapples	-	-	-	-	-	-	-
Chat	8,000	14.67	-	80.57	2.31	-	2.44
Coffee	45,462	71.88	1.2	24.76	0.2	-	1.97
Hops (Gesho)	-	-	-	-	-	-	-
Enset	650,092	86.45	0.07	7.83	2.1	1.45	2.1
Sugar cane	-	-	-	-	-	-	-

TABLE 1.7.3- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Kembata Tembaro

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	619,093	68.73	10.82	18.66	0.46	0.3	1.03
Cereals	509,832	66.27	10.33	20.92	0.72	0.45	1.3
Teff	110,111	44.35	8.19	44.06	1.62	0.5	1.27
Barley	16,863	76.67	13.88	8.9	0.22	0.05	0.27
Wheat	243,494	57.6	14.73	25.66	0.56	0.02	1.42
Maize	83,223	89.43	4.63	2.89	0.45	0.61	1.99
Sorghum	54,805	83.78	8.07	5.09	0.41	1.33	1.32
Finger millet	1,163	90.33	9.67	-	-	-	-
Oats "Aja"	174	50	10	40	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	108,364	74.88	10.08	14.37	0.03	0.04	0.6
Horse beans	75,514	74.6	7.24	17.46	0.06	0.02	0.62
Field peas	24,429	75.68	7.39	16.7	-	-	0.23
Haricot beans	8,206	72.68	19.74	6.49	-	0.13	0.96
Chick - peas	151	93.33	6.67	-	-	-	-
Lentils	52	90	10	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	12	100	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	898	14.12	56.47	29.41	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	546	5	70	25	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	351	1.11	60	38.89	-	-	-
Vegetables	156,149	81.34	0.41	16.98	-	0.17	1.1
Lettuce	-	-	-	-	-	-	-
Head cabbage	13,248	59.81	3.33	34.26	-	2.22	0.37
Ethiopian cabbage	123,954	88.49	0.11	10.08	-	0.06	1.26
Tomatoes	10,285	21.76	-	78.24	-	-	-
Green peppers	4,105	75.45	-	23.79	-	-	0.76
Red peppers	4,557	45.45	2.73	51.14	-	-	0.68
Swiss chard	-	-	-	-	-	-	-
Root Crops	779,209	63.8	27.63	7.9	0.18	0.08	0.41
Beetroot	4,957	73.72	-	25.93	-	-	0.35
Carrot	1,516	75.63	-	23.13	-	-	1.25
Onion	10	69.29	12.86	17.14	-	-	0.71
Potatoes	293,064	43.83	49.44	6.45	0.11	-	0.17
Garlic	3,000	48.33	41.43	10	-	-	0.24
Taro / 'Godere'	454,561	75.94	17.8	5.01	0.36	0.17	0.72
Sweet potatoes	22,101	98.09	0.44	1.18	-	0.29	-
Permanent crops	130,225	58.68	0.44	37.75	0.3	1.47	1.37
Avocados	-	-	-	-	-	-	-
Bananas	104,974	41.43	-	57.07	-	0.36	1.14
Guavas	-	-	-	-	-	-	-
Lemons	63	38.33	-	60	-	-	1.67
Mangoes	14,253	49.79	-	48.93	-	-	1.29
Oranges	1,452	58.33	-	40.56	-	-	1.11
Papayas	1,931	77.5	-	21.67	-	-	0.83
Pineapples	-	-	-	-	-	-	-
Chat	792	8.59	-	91.41	-	-	-
Coffee	6,479	56.76	0.67	40.56	0.48	-	1.54
Hops (Gesho)	-	-	-	-	-	-	-
Enset	281	85.76	0.12	9.41	0.65	2.17	1.89
Sugar cane	-	-	-	-	-	-	-

TABLE 1.7.4- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Sidama							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	1,749,326	64.96	9	23.87	0.05	0.48	1.64
Cereals	1,328,520	66.06	8.72	22.37	0.03	0.81	1.99
Teff	49,207	30.42	14.58	54.38	-	0.63	-
Barley	203,741	46.41	16.09	35.94	-	-	1.56
Wheat	46,757	37.06	15.59	46.47	-	-	0.88
Maize	1,008,953	75.06	5.85	15.49	0.02	1.11	2.47
Sorghum	18,707	84.83	6.55	6.38	0.34	1.03	0.86
Finger millet	258	90	10	-	-	-	-
Oats "Aja"	896	15	-	85	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	420,672	63.72	8.87	26.11	0.08	0.03	1.19
Horse beans	147,954	42.81	10.41	45.7	-	-	1.09
Field peas	13,731	31.11	19.44	47.5	-	-	1.94
Haricot beans	258,332	78.03	6.89	13.77	0.13	0.05	1.14
Chick – peas	635	33	67	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	20	10	10	70	-	-	10
Gibto	-	-	-	-	-	-	-
Oilseeds	135	33.33	66.67	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	83	50	50	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	52	-	100	-	-	-	-
Vegetables	780,161	74.24	0.97	22.36	0.03	-	2.39
Lettuce	-	-	-	-	-	-	-
Head cabbage	6,430	85	-	14	-	-	1
Ethiopian cabbage	699,502	80.45	0.76	16.23	0.04	-	2.52
Tomatoes	-	-	-	-	-	-	-
Green peppers	53,492	48.96	2.81	45.63	-	-	2.6
Red peppers	20,737	25.42	0.83	73.33	-	-	0.42
Swiss chard	-	-	-	-	-	-	-
Root Crops	801,659	64.9	2.74	30.78	0.08	0.11	1.4
Beetroot	679	72	-	27	-	-	1
Carrot	263	57.5	-	41.25	-	-	1.25
Onion	-	-	-	-	-	-	-
Potatoes	158,674	50.8	7.23	39.2	0.18	0.18	2.41
Garlic	22,834	11.18	16.47	70.29	-	-	2.06
Taro / 'Godere'	37,677	99.48	-	-	-	-	0.52
Sweet potatoes	581,532	71.06	-	27.54	0.07	0.13	1.21
Permanent crops	17,145,338	43.18	0.23	53.65	0.14	0.69	2.1
Avocados	89,250	33.01	0.7	63.34	0.23	0.04	2.68
Bananas	396,578	22.27	-	75.78	0.11	0.67	1.18
Guavas	1,310	63.75	-	32.08	-	-	4.17
Lemons	-	-	-	-	-	-	-
Mangoes	21,737	48.89	-	50	-	-	1.11
Oranges	19,260	70	-	29.17	-	-	0.83
Papayas	45,653	32.5	-	67.5	-	-	-
Pineapples	2,163	28.33	-	70	-	-	1.67
Chat	218,057	5.92	-	94	-	-	0.08
Coffee	424,900	32.33	0.48	65.63	0.02	-	1.53
Hops (Gesho)	-	-	-	-	-	-	-
Enset	13,446,270	82.57	0.15	12.43	0.31	0.93	3.61
Sugar cane	2,480,159	14.84	-	76.6	0.16	5.8	2.61

TABLE 1.7.5- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Gedio							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	206,464	61.42	10.27	26.22	0.03	0.05	2.01
Cereals	179,017	59.15	10.96	27.5	0.04	0.07	2.28
Teff	4,509	54.55	7.73	37.27	-	-	0.45
Barley	30,512	55	15.06	28.49	-	-	1.45
Wheat	14,759	42.71	16.88	37.92	-	-	2.5
Maize	128,768	63.26	7.97	25.47	0.07	0.14	3.08
Sorghum	470	80.45	6.82	12.73	-	-	-
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	27,345	65.69	8.41	24.48	-	-	1.42
Horse beans	22,470	55.28	10.97	31.74	-	-	2.01
Field peas	924	54.5	11	33	-	-	1.5
Haricot beans	3,303	91.77	2.42	5.65	-	-	0.16
Chick – peas	613	50	-	50	-	-	-
Lentils	35	100	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	102	78.57	14.29	5.71	-	-	1.43
Neug	-	-	-	-	-	-	-
Linseed	102	78.57	14.29	5.71	-	-	1.43
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	97,724	81.89	0.24	16.33	-	-	1.54
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	93,967	81.43	-	16.79	-	-	1.79
Tomatoes	65	91.25	-	8.75	-	-	-
Green peppers	3,599	81.15	1.46	16.77	-	-	0.63
Red peppers	94	100	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	159,657	87.91	0.53	10.19	-	-	1.37
Beetroot	284	58.33	-	40	-	-	1.67
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	292	8	2	90	-	-	-
Taro / 'Godere'	127,647	95.94	0.25	2.5	-	-	1.3
Sweet potatoes	31,433	81.23	-	17.28	-	-	1.49
Permanent crops	2,755,914	46.38	0.09	51.53	0.13	-	1.88
Avocados	-	-	-	-	-	-	-
Bananas	74,084	34.3	-	64.54	-	-	1.16
Guavas	144	54.44	-	45.56	-	-	-
Lemons	28	50	-	50	-	-	-
Mangoes	8,697	18.53	-	80	-	-	1.47
Oranges	625	70	-	-	-	-	30
Papayas	15	36.67	-	63.33	-	-	-
Pineapples	5	77.5	-	22.5	-	-	-
Chat	3,347	2.94	-	97.06	-	-	-
Coffee	188,758	20.02	-	77.85	0.03	-	2.11
Hops (Gesho)	-	-	-	-	-	-	-
Enset	2,480,211	88.06	0.03	9.76	0.35	-	1.81
Sugar cane	-	-	-	-	-	-	-

TABLE 1.7.6- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Wolayita							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	1,096,988	68.72	12.08	17	0.64	0.78	0.79
Cereals	806,277	62.57	11.01	23.3	0.92	1.36	0.83
Teff	209,245	25.8	12.62	59.59	1.63	0.05	0.3
Barley	4,847	64.47	28.68	6.32	-	-	0.53
Wheat	65,055	60.63	12.08	26.34	-	-	0.95
Maize	492,411	79.5	8.93	7.44	0.98	1.99	1.16
Sorghum	32,745	82.8	9.66	3.44	0.05	3.21	0.83
Finger millet	1,590	90	10	-	-	-	-
Oats "Aja"	385	-	100	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	289,021	75.32	13.24	10.19	0.35	0.17	0.73
Horse beans	22,086	85.56	8.31	3.77	-	0.26	2.1
Field peas	58,785	68.09	13.34	18.04	-	-	0.53
Haricot beans	198,586	75.42	14.28	8.96	0.55	0.21	0.57
Chick – peas	9,252	77.71	11.57	10.29	-	-	0.43
Lentils	165	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	149	100	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	1,690	64.25	9.83	24.25	-	-	1.67
Neug	-	-	-	-	-	-	-
Linseed	44	55	25	20	-	-	-
Groundnuts	1,646	63.88	8.5	25.13	-	-	2.5
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	116,045	83.63	0.12	14.96	0.14	0.14	1.01
Lettuce	-	-	-	-	-	-	-
Head cabbage	11,625	61	-	35.67	-	2	1.33
Ethiopian cabbage	89,970	90.61	0.15	7.96	0.21	0.09	0.97
Tomatoes	-	-	-	-	-	-	-
Green peppers	11,175	85.78	0.13	12.68	-	-	1.41
Red peppers	3,275	53.33	-	46.21	-	-	0.45
Swiss chard	-	-	-	-	-	-	-
Root Crops	4,536,839	75.6	16.47	4.95	0.21	2.3	0.47
Beetroot	8,562	45.45	-	54.27	-	-	0.27
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	322,060	53.17	43.34	3.19	-	-	0.3
Garlic	42	43.33	13.33	43.33	-	-	-
Taro / 'Godere'	2,731,782	68.91	23.25	6.53	0.45	0.61	0.25
Sweet potatoes	1,474,393	92.01	0.29	1.66	-	5.23	0.81
Permanent crops	932,346	48.08	0.71	47.34	0.39	2.12	1.36
Avocados	111,537	44	-	53.56	0.32	1.21	0.91
Bananas	202,781	35.56	1.15	62.28	0.27	0.03	0.71
Guavas	58	65.22	-	33.48	-	-	1.3
Lemons	994	35.38	-	56.54	-	-	8.08
Mangoes	118,061	40.47	0.32	56.94	-	0.05	2.22
Oranges	15,629	49.56	2	45.67	-	-	2.78
Papayas	7,585	78.29	2.11	16.18	-	-	3.42
Pineapples	-	-	-	-	-	-	-
Chat	1,812	0.59	-	97.47	-	-	1.94
Coffee	60,384	44.02	0.74	53.72	0.52	-	0.99
Hops (Gesho)	-	-	-	-	-	-	-
Enset	211,507	90.91	0.52	4.44	0.76	1.99	1.37
Sugar cane	201,998	30.66	0.81	37.17	0.91	28.18	2.27

TABLE 1.7.7- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

South Omo							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	988,963	56.14	14.67	26.44	0.22	0.2	2.33
Cereals	901,830	57.75	13.25	26.11	0.26	0.22	2.41
Teff	36,947	33.44	13.18	51.75	0.19	-	1.43
Barley	73,007	55.7	22.85	19.53	0.41	0.17	1.34
Wheat	14,419	39.65	22.67	37.56	-	-	0.12
Maize	485,781	60.42	10.21	26.47	0.37	0.4	2.13
Sorghum	289,043	66.22	12.28	17.47	0.15	0.1	3.78
Finger millet	2,309	68.33	18.33	5.83	-	-	7.5
Oats "Aja"	324	36.25	8.13	55.63	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	72,809	58.23	17.03	22.16	0.15	-	2.42
Horse beans	20,665	47.5	24.65	25.93	0.17	-	1.74
Field peas	10,097	38.47	21.53	38.98	-	-	1.02
Haricot beans	42,022	71.27	11.43	13.83	0.19	-	3.28
Chick – peas	-	-	-	-	-	-	-
Lentils	26	-	20	80	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	14,324	29.14	21.07	47.93	-	0.79	1.07
Neug	-	-	-	-	-	-	-
Linseed	206	37.94	23.24	37.94	-	-	0.88
Groundnuts	1,126	30	11.82	53.18	-	-	5
Safflower	2,927	48.82	8.24	39.71	-	3.24	-
Sesame	10,066	9.4	32.4	58	-	-	0.2
Rapeseed	-	-	-	-	-	-	-
Vegetables	54,510	68.01	-	30.18	-	0.05	1.75
Lettuce	-	-	-	-	-	-	-
Head cabbage	435	46.67	-	50	-	-	3.33
Ethiopian cabbage	51,578	76.22	-	22.43	-	0.07	1.28
Tomatoes	-	-	-	-	-	-	-
Green peppers	1,372	28.46	-	67.31	-	-	4.23
Red peppers	1,126	42.63	-	53.68	-	-	3.68
Swiss chard	-	-	-	-	-	-	-
Root Crops	597,692	71.12	3.88	23.58	0.07	0.22	1.12
Beetroot	109	67.5	-	32.5	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	16,578	43.36	13.28	42.87	-	-	0.49
Potatoes	-	-	-	-	-	-	-
Garlic	14,557	32.1	18.06	48.87	-	-	0.97
Taro / 'Godere'	476,338	87.39	0.18	11.21	0.05	-	1.17
Sweet potatoes	90,110	70.56	0.23	26.52	0.18	0.85	1.65
Permanent crops	266,746	46.71	0.32	49.98	0.2	0.58	2.21
Avocados	-	-	-	-	-	-	-
Bananas	120,609	43.12	0.44	54.16	0.12	-	2.15
Guavas	-	-	-	-	-	-	-
Lemons	799	59.29	-	32.14	-	-	8.57
Mangoes	17,755	52.42	-	44.3	-	-	3.28
Oranges	5,047	48.13	-	41.25	-	-	10.63
Papayas	31,426	75.13	-	19.46	-	-	5.41
Pineapples	156	10	-	86.25	-	-	3.75
Chat	1,700	6.67	3.33	89.33	-	-	0.67
Coffee	25,155	17.85	-	80.2	0.59	0.15	1.21
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	64,099	32.56	-	64.78	-	0.89	1.78

TABLE 1.7.8- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Shaka							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	331,425	68.25	13.6	14.35	3.35	0.18	0.27
Cereals	287,018	67.04	12.98	14.09	5.25	0.28	0.36
Teff	8,696	52.86	31.32	15.82	-	-	-
Barley	6,524	38.82	28.64	29.59	0.23	2.73	-
Wheat	1,073	45.71	38.57	15.71	-	-	-
Maize	56,289	77.01	5.96	12.62	3.97	0.19	0.24
Sorghum	210,332	71.65	7.29	11.95	8.39	0.12	0.6
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	4,104	60	5	35	-	-	-
Pulses	44,407	70.15	14.67	15.05	0.03	-	0.1
Horse beans	16,518	53.59	22.84	23.39	-	-	0.18
Field peas	26,715	53.19	21.9	24.67	0.08	-	0.16
Haricot beans	1,174	97.12	2.34	0.54	-	-	-
Chick - peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	35,910	83.76	1.87	13.76	0.36	-	0.24
Lettuce	-	-	-	-	-	-	-
Head cabbage	440	58.75	-	41.25	-	-	-
Ethiopian cabbage	18,724	87.08	2.56	9.76	0.32	-	0.28
Tomatoes	7,593	38.89	-	61.11	-	-	-
Green peppers	7,644	81.59	0.85	16.74	0.58	-	0.23
Red peppers	1,508	90	1.54	8.46	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	239,409	78.54	9.38	11.63	0.33	-	0.12
Beetroot	2,413	19.6	-	75.4	-	-	5
Carrot	-	-	-	-	-	-	-
Onion	3,627	65.1	7.97	26.87	-	-	0.06
Potatoes	22,561	47	15.26	35.11	2.63	-	-
Garlic	2,711	73.96	13.71	12.32	-	-	-
Taro / 'Godere'	190,831	88.04	8.66	2.97	0.29	-	0.05
Sweet potatoes	17,267	74.31	0.63	25.06	-	-	-
Permanent crops	308,163	62.03	0.25	33.63	1.76	0.99	1.34
Avocados	17,939	65.44	-	33.25	0.27	-	1.04
Bananas	15,564	45.44	-	53.11	0.13	-	1.32
Guavas	64	100	-	-	-	-	-
Lemons	378	72	-	26.67	-	-	1.33
Mangoes	11,113	79.29	-	16.1	0.47	-	4.14
Oranges	8,637	81.66	-	15.64	-	-	2.7
Papayas	14,955	98.11	-	-	-	0.51	1.38
Pineapples	-	-	-	-	-	-	-
Chat	1,254	29.07	-	70.93	-	-	-
Coffee	69,812	30.3	-	64.32	5.21	-	0.17
Hops (Gesho)	877	46.06	-	50.73	-	-	3.21
Enset	78,502	86.77	0.44	9.21	1.98	1.39	0.2
Sugar cane	89,068	59.46	2.46	25.14	-	10	2.93

TABLE 1.7.9- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Kaffa							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	2,190,316	52.62	16.59	26.36	0.76	0.25	3.42
Cereals	1,819,344	49.83	16.65	28.13	0.99	0.41	3.98
Teff	277,305	45.18	20.29	28.55	0.85	-	5.13
Barley	133,058	43.47	20.47	31.56	1.28	1.04	2.17
Wheat	169,840	42.06	21.52	34.13	0.47	-	1.82
Maize	925,917	54	12.87	26.95	1.64	0.68	3.86
Sorghum	305,648	58.14	11.3	24.34	0.61	0.37	5.24
Finger millet	7,576	70.87	8.04	18.91	-	-	2.17
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	369,497	57.13	16.03	23.75	0.43	-	2.66
Horse beans	164,279	52.38	17	28.18	0.72	-	1.71
Field peas	142,837	49.74	16.34	31.15	0.26	-	2.51
Haricot beans	62,187	68.54	14.73	12.35	0.23	-	4.15
Chick - peas	-	-	-	-	-	-	-
Lentils	126	90	10	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	67	33.33	41.67	25	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	1,476	53.13	24.5	21.63	-	-	0.75
Neug	168	100	-	-	-	-	-
Linseed	312	55.36	28.93	15.71	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	152	87.5	12.5	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	845	41.67	26.19	30.71	-	-	1.43
Vegetables	145,114	83.28	1.29	13.65	0.02	-	1.76
Lettuce	-	-	-	-	-	-	-
Head cabbage	2,515	70.83	-	29.17	-	-	-
Ethiopian cabbage	125,285	86.14	1.75	10.16	0.03	-	1.92
Tomatoes	-	-	-	-	-	-	-
Green peppers	13,566	80.99	0.24	16.63	-	-	2.14
Red peppers	3,747	69.3	-	30.35	-	-	0.35
Swiss chard	-	-	-	-	-	-	-
Root Crops	1,152,473	78.05	7.44	12.83	0.02	0.06	1.61
Beetroot	4,897	54.47	1.05	43.95	-	-	0.53
Carrot	40	100	-	-	-	-	-
Onion	205	60.14	5.42	34.44	-	-	-
Potatoes	7,901	73.57	4.29	18.57	-	-	3.57
Garlic	8,489	56.23	16.48	27.29	-	-	-
Taro / 'Godere'	1,090,391	85.85	6.63	5.15	0.03	0.09	2.25
Sweet potatoes	40,551	87.24	0.26	11.18	-	-	1.32
Permanent crops	1,673,828	69.34	0.53	26.6	0.4	0.36	2.76
Avocados	-	-	-	-	-	-	-
Bananas	49,663	49.68	-	48.07	-	0.23	2.02
Guavas	-	-	-	-	-	-	-
Lemons	282	45	-	40	-	-	15
Mangoes	1,761	76.15	-	15.38	-	-	8.46
Oranges	249	77.92	-	19.58	-	-	2.5
Papayas	9,123	85.8	-	11.25	-	-	2.95
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	88,758	64.66	0.64	30.63	1.18	-	2.89
Hops (Gesho)	-	-	-	-	-	-	-
Enset	1,461,159	89.31	0.35	6.97	0.22	0.97	2.19
Sugar cane	62,833	69.85	1.12	24.6	-	-	4.43

TABLE 1.7.10- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Gamo Gofa

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	2,331,340	65.95	14.96	16.89	0.47	0.22	1.52
Cereals	2,040,658	63.96	15.24	17.93	0.58	0.33	1.96
Teff	430,324	39.39	15.66	40.87	1.33	0.02	2.73
Barley	188,034	73.04	18.75	7.28	0.43	0.11	0.39
Wheat	180,318	69.62	16.3	13.45	0.22	0.13	0.28
Maize	978,909	67.48	11.74	15.93	0.37	0.63	3.86
Sorghum	261,328	75.21	12.18	8.58	0.35	0.98	2.7
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	83	92.5	7.5	-	-	-	-
Rice	1,661	50	10	40	-	-	-
Pulses	285,738	69.62	14.41	14.87	0.3	0.03	0.77
Horse beans	60,520	68.99	13.63	16.5	0.52	0.03	0.33
Field peas	49,144	62.06	15.69	21.29	0.79	-	0.17
Haricot beans	171,360	72.86	15.15	10.52	-	0.04	1.43
Chick – peas	3,839	50	12	37	-	-	1
Lentils	663	55.38	14.23	30.38	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	211	85.18	7.32	7.5	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	4,944	65.3	15.3	18.94	-	-	0.45
Neug	-	-	-	-	-	-	-
Linseed	895	71.8	10.8	17	-	-	0.4
Groundnuts	1,236	20	5	70	-	-	5
Safflower	39	90	10	-	-	-	-
Sesame	2,774	30	44	26	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	109,337	79.83	0.66	18.61	0.02	0.04	0.84
Lettuce	-	-	-	-	-	-	-
Head cabbage	143	72.5	-	27.5	-	-	-
Ethiopian cabbage	103,336	84.58	0.71	13.8	0.02	0.05	0.83
Tomatoes	-	-	-	-	-	-	-
Green peppers	4,923	53.96	0.5	44.71	-	-	0.83
Red peppers	935	40.71	0.29	56.86	-	-	2.14
Swiss chard	-	-	-	-	-	-	-
Root Crops	4,128,049	75.91	6.25	14.89	0.05	2.19	0.71
Beetroot	185	62.5	1.67	35.83	-	-	-
Carrot	87	25	-	75	-	-	-
Onion	24,088	41	16.69	42.31	-	-	-
Potatoes	865,201	75.88	14.02	9.52	0.15	-	0.43
Garlic	22,195	29.11	10.81	58.87	-	-	1.21
Taro / 'Godere'	912,984	86.31	4.35	4.74	-	3.86	0.74
Sweet potatoes	2,303,308	84.46	0.17	11.32	0.04	3.06	0.94
Permanent crops	1,228,671	53.92	0.42	42.01	0.38	1.78	1.5
Avocados	1,565	63.54	-	35.98	-	-	0.49
Bananas	799,933	36.83	0.32	60.6	0.65	0.28	1.32
Guavas	-	-	-	-	-	-	-
Lemons	2,571	39.33	-	57.67	-	-	3
Mangoes	89,762	54.75	-	43.85	-	0.09	1.31
Oranges	3,569	50.25	-	49.25	-	-	0.5
Papayas	32,174	91.3	-	7.01	-	0.06	1.62
Pineapples	96	15	-	85	-	-	-
Chat	4,255	4.55	-	94.43	-	-	1.02
Coffee	19,263	30.67	1.17	66.13	0.98	-	1.05
Hops (Gesho)	-	-	-	-	-	-	-
Enset	1,377	83.91	0.3	7.68	0.16	5.73	2.22
Sugar cane	274,106	36.55	0.07	61.05	0.07	0.74	1.51

TABLE 1.7.11- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Bench Maji

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	718,436	56.07	12.12	27.51	2.02	0.3	1.98
Cereals	644,277	53.38	13.37	27.96	2.34	0.43	2.52
Teff	34,554	36.63	18.07	38.49	2.41	-	4.4
Barley	24,703	30.17	15.73	51.22	1.28	-	1.6
Wheat	9,684	42.65	14.12	40.29	2.94	-	-
Maize	277,861	62.89	12.1	22.21	0.19	0.56	2.04
Sorghum	259,627	57.5	12.49	22.11	4.25	0.64	3.01
Finger millet	4,470	64.46	6.54	25.15	3.85	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	33,378	34.67	17	36.67	10	-	1.67
Pulses	72,006	60.57	9.59	27.61	1.39	-	0.84
Horse beans	37,931	46.12	12.1	37.97	1.65	-	2.16
Field peas	24,523	41.62	12.83	42.07	3.17	-	0.3
Haricot beans	9,552	84.16	5.54	10.09	-	-	0.21
Chick - peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	1	100	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	2,152	79.81	6.15	14.04	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	2	-	20	80	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	65	37.5	5	57.5	-	-	-
Rapeseed	2,085	86.96	5.65	7.39	-	-	-
Vegetables	79,038	85.13	0.47	12.33	0.46	-	1.61
Lettuce	-	-	-	-	-	-	-
Head cabbage	181	91.11	-	8.89	-	-	-
Ethiopian cabbage	50,648	85.74	0.62	11.63	0.15	-	1.87
Tomatoes	-	-	-	-	-	-	-
Green peppers	2,623	91.57	-	7.02	-	-	1.41
Red peppers	25,586	63.71	-	31.52	4.61	-	0.16
Swiss chard	-	-	-	-	-	-	-
Root Crops	1,416,504	81.56	7.68	9.43	0.29	0.02	1.02
Beetroot	162	20	-	80	-	-	-
Carrot	9	75	-	25	-	-	-
Onion	4,752	52.22	2.22	40	5.56	-	-
Potatoes	11,013	52.22	8.89	38.89	-	-	-
Garlic	1,106	70.5	12	17	-	-	0.5
Taro / 'Godere'	1,380,616	83.49	8.29	6.86	0.21	0.02	1.12
Sweet potatoes	18,847	78.44	0.31	20.78	-	-	0.47
Permanent crops	593,317	50.78	0.19	46.66	0.61	0.28	1.47
Avocados	-	-	-	-	-	-	-
Bananas	119,359	60.39	-	36.94	0.07	0.22	2.37
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	29,804	67.86	-	29.62	0.54	-	1.98
Oranges	10,183	77.14	-	22.86	-	-	-
Papayas	25,176	92.22	-	5.28	0.05	0.14	2.32
Pineapples	-	-	-	-	-	-	-
Chat	2,417	6.13	1	92.23	-	-	0.64
Coffee	125,618	20.33	0.12	78.59	0.84	-	0.12
Hops (Gesho)	-	-	-	-	-	-	-
Enset	146,160	83.67	0.12	11.07	1.84	1.34	1.95
Sugar cane	134,601	61.82	1.28	32.69	0.67	0.28	3.27

TABLE 1.7.12- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

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Type of Crop	Total Production (Quintal)	Percent		Utilized for			
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	272,326	62.28	18.82	12.43	0.66	0.66	5.15
Cereals	231,017	61.25	19.02	11.95	0.85	1.11	5.82
Teff	67,439	49.61	20.7	21.46	1.1	0.04	7.09
Barley	17,014	59.23	27.27	6.54	0.05	2.62	4.29
Wheat	92,482	48.64	21.95	17.69	1.46	0.12	10.15
Maize	40,658	78.58	12.26	4.63	0.56	1.1	2.87
Sorghum	13,242	71.84	12.07	8.11	1.21	2.09	4.68
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	181	60.42	22.5	9.17	-	7.08	0.83
Rice	-	-	-	-	-	-	-
Pulses	39,681	66.36	19.71	9	0.43	-	4.49
Horse beans	20,304	64.52	20.52	8.5	0.93	-	5.52
Field peas	17,730	55.22	24.04	12.36	0.31	-	8.07
Haricot beans	719	90.16	6.71	2.07	-	-	1.05
Chick – peas	165	63.33	10	23.33	-	-	3.33
Lentils	683	56.79	29.92	11.97	-	-	1.32
Vetch	-	-	-	-	-	-	-
Soya beans	28	90	10	-	-	-	-
Fenugreek	52	46.85	34	18.72	-	-	0.43
Gibto	-	-	-	-	-	-	-
Oilseeds	1,628	53.89	13.86	29.15	0.18	0.06	2.86
Neug	172	7.5	10	57.5	-	-	25
Linseed	763	53.84	17.84	22.51	-	-	5.81
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	693	54.38	12.53	31.3	0.25	0.08	1.46
Vegetables	16,964	81.57	1.13	14.69	0.27	-	2.33
Lettuce	-	-	-	-	-	-	-
Head cabbage	791	72.13	-	25.75	-	-	2.13
Ethiopian cabbage	14,824	83.07	1.46	12.29	0.41	-	2.77
Tomatoes	-	-	-	-	-	-	-
Green peppers	893	83.1	0.46	14.89	-	-	1.55
Red peppers	457	55	2.78	42.22	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	55,592	75	11.57	11.4	0.19	0.4	1.44
Beetroot	907	79.05	0.34	19.31	0.26	-	1.03
Carrot	261	77.88	1.92	19.62	-	-	0.58
Onion	-	-	-	-	-	-	-
Potatoes	7,786	73.27	11.95	10.45	-	-	4.32
Garlic	1,320	57.99	20.39	20.37	-	-	1.25
Taro / 'Godere'	21,561	78.1	16.5	3.78	0.41	-	1.22
Sweet potatoes	23,757	84.71	6.16	6.28	0.17	1.65	1.03
Permanent crops	96,232	70.29	0.61	26.04	0.57	0.33	2.15
Avocados	1,004	68.89	-	28.89	0.11	-	2.11
Bananas	2,373	66.43	0.33	32.14	0.11	-	0.99
Guavas	-	-	-	-	-	-	-
Lemons	10	65	-	35	-	-	-
Mangoes	274	70.56	-	27.59	-	-	1.85
Oranges	277	59	-	39	-	-	2
Papayas	28	78.75	-	20	-	-	1.25
Pineapples	-	-	-	-	-	-	-
Chat	2,985	23.02	0.09	74.01	0.24	-	2.63
Coffee	1,627	97.06	0.3	1.69	-	-	0.95
Hops (Gesho)	638	44.47	-	55.24	-	-	0.29
Enset	35,943	88.16	1.56	4.59	1.97	-	3.71
Sugar cane	51,075	64.92	1.39	25.56	0.07	4.86	3.21

TABLE 1.7.13- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Dawro							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	778,034	51.63	16.81	29.57	0.88	0.43	0.69
Cereals	466,872	53.55	16.84	27.13	1.06	0.75	0.67
Teff	97,960	49.31	18.85	29.38	1.5	0.4	0.56
Barley	18,355	45.53	19.84	33.55	0.09	0.36	0.64
Wheat	29,010	38.23	18.18	43.03	0.11	-	0.45
Maize	245,735	62.07	13.61	20.95	1.33	1.5	0.54
Sorghum	74,467	58.55	15.76	22.79	0.93	0.82	1.16
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	1,345	65.71	26.43	7.86	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	309,717	47.91	16.75	33.93	0.7	0.06	0.65
Horse beans	150,070	45.09	16.4	36.76	1.13	-	0.62
Field peas	117,970	36.98	18.96	43.02	0.54	-	0.5
Haricot beans	39,440	64.21	13.18	20.91	0.43	0.23	1.05
Chick – peas	166	77	23	-	-	-	-
Lentils	2,072	44.26	24.07	31.67	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	1,445	63.88	17	17.55	0.2	-	1.37
Neug	-	-	-	-	-	-	-
Linseed	660	62.27	16.27	19.76	0.24	-	1.46
Groundnuts	402	70	12.5	17.5	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	384	70.63	21.88	6.25	-	-	1.25
Vegetables	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	1,019,380	73.92	14.97	7.91	0.3	1.61	1.29
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	1,266	90	6.25	3.75	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	985,254	73.23	17.46	6.48	0.31	1.28	1.24
Sweet potatoes	32,860	83.89	4.79	4.79	0.21	4.35	1.97
Permanent crops	135,047	82.61	0.82	10.75	1.61	2.09	2.12
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Enset	135,047	82.61	0.82	10.75	1.61	2.09	2.12
Sugar cane	-	-	-	-	-	-	-

TABLE 1.7.14- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Basketo Special Wereda

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	62,057	60.35	13.7	22.88	0.58	0.69	1.8
Cereals	57,881	56.64	13.49	26.31	0.73	0.97	1.86
Teff	16,216	48.77	17.1	30.48	0.99	0.56	2.1
Barley	1,334	44.09	16.82	34.09	0.91	0.45	3.64
Wheat	245	45	8.33	46.67	-	-	-
Maize	31,521	61.74	11.53	22.7	0.78	1.46	1.79
Sorghum	8,566	58.14	12.76	26.81	0.29	0.57	1.43
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	4,048	69.1	12.98	15.83	0.29	0.09	1.7
Horse beans	94	89.38	8.75	1.88	-	-	-
Field peas	1,326	58.98	15.93	22.71	-	-	2.37
Haricot beans	2,617	71.72	12.24	13.79	0.45	0.14	1.66
Chick – peas	-	-	-	-	-	-	-
Lentils	11	-	30	70	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	0	50	5	45	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	128	51.11	28.17	18.89	-	0.56	1.28
Neug	-	-	-	-	-	-	-
Linseed	28	25	47	28	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	100	82.86	3.86	8.57	-	1.43	3.29
Sesame	-	-	-	-	-	-	-
Rapeseed	1	90	10	-	-	-	-
Vegetables	7,256	81.06	0.73	16.17	0.11	-	1.93
Lettuce	-	-	-	-	-	-	-
Head cabbage	491	69.44	-	30.56	-	-	-
Ethiopian cabbage	6,362	85.15	0.92	12.6	-	-	1.33
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	403	67.38	0.48	26.9	0.71	-	4.52
Swiss chard	-	-	-	-	-	-	-
Root Crops	302,534	80.41	0.37	15.46	0.14	2.47	1.16
Beetroot	57	36	-	64	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	91	61.43	2.86	34.29	-	-	1.43
Potatoes	-	-	-	-	-	-	-
Garlic	69	67.5	-	30	-	-	2.5
Taro / 'Godere'	128,267	89.6	0.13	8.88	0.05	0.14	1.2
Sweet potatoes	174,049	71.93	0.08	20.98	0.26	5.57	1.18
Permanent crops	66,567	53.93	0.18	40.97	0.05	2.39	2.49
Avocados	7,935	60.88	0.07	36.32	0.03	0.07	2.64
Bananas	19,589	58.29	0.06	38.18	0.03	0.03	3.41
Guavas	21	65	-	20	-	-	15
Lemons	25	65	-	25	-	-	10
Mangoes	3,480	69.24	-	28.4	-	-	2.36
Oranges	-	-	-	-	-	-	-
Papayas	1,304	83.33	-	5.45	-	0.91	10.3
Pineapples	17	68.33	-	31.67	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	3,900	25.84	0.07	73.27	-	-	0.82
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	30,296	61.37	1.61	33.27	-	0.95	2.8

TABLE 1.7.15- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Konta Special Wereda

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	242,179	53.92	17.14	27.22	0.32	0.58	0.82
Cereals	190,751	52.64	15.96	29	0.46	0.93	1.01
Teff	23,319	37.26	20.72	40.92	0.57	0.13	0.39
Barley	4,469	60	14.72	20.56	0.56	-	4.17
Wheat	11,323	51.89	16.89	29.59	0.14	-	1.49
Maize	117,076	57.37	11.72	26.75	0.52	2.47	1.17
Sorghum	32,853	66.92	14.2	16.74	0.4	0.8	0.94
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	87	20	-	80	-	-	-
Rice	1,624	85	13.33	-	-	0.56	1.11
Pulses	51,352	55.85	18.71	24.75	0.1	0.04	0.54
Horse beans	34,504	44.29	19.26	35.44	0.17	-	0.84
Field peas	9,051	34.08	16.63	48.67	-	-	0.61
Haricot beans	7,513	74.71	18.03	6.78	0.09	0.09	0.31
Chick – peas	-	-	-	-	-	-	-
Lentils	69	-	100	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	129	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	86	56.25	31.25	12.5	-	-	-
Oilseeds	76	57	25.5	17.5	-	-	-
Neug	2	50	50	-	-	-	-
Linseed	26	50	29.17	20.83	-	-	-
Groundnuts	49	73.33	10	16.67	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	9,592	77.41	1.24	19.05	0.67	-	1.63
Lettuce	-	-	-	-	-	-	-
Head cabbage	27	10	-	90	-	-	-
Ethiopian cabbage	6,605	84.23	-	13.86	-	-	1.91
Tomatoes	-	-	-	-	-	-	-
Green peppers	1,767	68.77	0.38	30.08	0.77	-	-
Red peppers	1,193	72.09	4.3	19.3	2.09	-	2.21
Swiss chard	-	-	-	-	-	-	-
Root Crops	457,033	70.93	15.78	10.98	0.47	1.12	0.73
Beetroot	396	56.25	-	43.75	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	1,710	38.93	7.5	52.86	0.71	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	391	70.63	3.44	25.94	-	-	-
Taro / 'Godere'	441,178	70.4	20.49	6.73	0.54	0.99	0.85
Sweet potatoes	13,357	88.77	0.16	7.3	0.41	2.54	0.82
Permanent crops	153,330	64.04	0.42	32.38	0.76	0.63	1.77
Avocados	5,041	65.53	-	32.84	0.22	0.06	1.35
Bananas	27,614	58.88	0.48	38.28	0.07	0.21	2.08
Guavas	-	-	-	-	-	-	-
Lemons	1,068	49	-	47.33	-	-	3.67
Mangoes	4,844	52.13	-	46.49	-	-	1.38
Oranges	1,723	51.2	-	47.2	0.2	-	1.4
Papayas	10,341	77.54	-	20.35	0.7	0.21	1.2
Pineapples	-	-	-	-	-	-	-
Chat	102	5.5	-	88.25	2.5	-	3.75
Coffee	1,879	64.85	-	33.79	0.42	0.03	0.9
Hops (Gesho)	-	-	-	-	-	-	-
Enset	91,473	80.76	0.07	12.08	2.73	1.91	2.45
Sugar cane	9,245	68.23	1.94	21.19	-	4.68	3.97

TABLE 1.7.16- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	2,449,974	61.68	10.04	25.89	0.47	0.54	1.38
Cereals	2,299,051	59.3	9.98	28.07	0.58	0.66	1.41
Teff	148,029	19.51	10.94	69.2	0.27	-	0.09
Barley	161,657	58.55	14.06	23.92	0.63	1.06	1.77
Wheat	615,474	25.97	16.22	56.27	0.76	-	0.78
Maize	1,230,074	82.66	4.57	9.08	0.59	1.01	2.1
Sorghum	138,637	81.65	7.5	7.89	0.46	0.93	1.56
Finger millet	5,179	83.33	7.5	8.75	0.42	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	149,399	68.06	10.13	20	0.19	0.26	1.35
Horse beans	86,008	71.12	9.87	17.09	0.22	0.04	1.66
Field peas	40,178	62.41	10.63	24.97	0.29	-	1.7
Haricot beans	9,444	63.46	11.92	24.62	-	-	-
Chick – peas	9,557	76.09	9.78	14.13	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	3,362	97.5	2.5	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	851	34.55	10.91	45.45	-	9.09	-
Gibto	-	-	-	-	-	-	-
Oilseeds	1,524	56.94	11.5	31.56	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	1,303	59.58	15.17	25.25	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	222	51.67	4.17	44.17	-	-	-
Vegetables	662,415	68.17	0.65	28.84	0.36	0.05	1.94
Lettuce	-	-	-	-	-	-	-
Head cabbage	2,336	87.5	1.82	9.32	-	-	1.36
Ethiopian cabbage	314,290	81.81	0.18	15.18	0.07	0.07	2.69
Tomatoes	-	-	-	-	-	-	-
Green peppers	4,204	96.67	-	-	-	-	3.33
Red peppers	341,584	27.04	1.67	69.91	1.2	-	0.19
Swiss chard	-	-	-	-	-	-	-
Root Crops	21,097	73.76	9.13	15.8	0.11	-	1.2
Beetroot	855	83.33	-	16.25	-	-	0.42
Carrot	988	92	-	7.23	-	-	0.77
Onion	5,585	90.38	-	8.85	-	-	0.77
Potatoes	12,501	64.74	19.87	13.82	0.26	-	1.32
Garlic	1,168	57.67	5.67	35	-	-	1.67
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	400,636	71.93	0.08	23.7	0.66	1.58	2.05
Avocados	-	-	-	-	-	-	-
Bananas	5,066	63.82	-	34.12	-	-	2.06
Guavas	73	100	-	-	-	-	-
Lemons	361	-	-	-	-	-	-
Mangoes	2,232	84.17	-	14.17	-	-	1.67
Oranges	962	60	-	39.17	-	-	0.83
Papayas	17,655	88.19	-	11.11	-	-	0.69
Pineapples	-	-	-	-	-	-	-
Chat	37,702	51.5	-	45.36	0.55	-	2.59
Coffee	734	91.43	-	5.79	0.14	0.14	2.5
Hops (Gesho)	-	-	-	-	-	-	-
Enset	335,852	80.85	0.26	10.38	1.58	5.43	1.5
Sugar cane	-	-	-	-	-	-	-

TABLE 1.7.17- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Alaba Special wereda

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	825,100	67.18	10.62	19.89	0.31	0.69	1.31
Cereals	809,863	66.73	10.68	20.11	0.3	0.79	1.39
Teff	106,388	17.05	10.67	71.48	0.8	-	-
Barley	4,546	72.96	17.59	7.78	0.74	-	0.93
Wheat	82,622	32.89	18.05	47.37	1.16	-	0.53
Maize	530,387	83.16	9.37	3.3	0.06	1.03	3.09
Sorghum	54,494	85.54	9.15	1.95	0.01	2.12	1.23
Finger millet	31,425	87.42	9.73	2.19	-	0.06	0.59
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	14,949	71.81	9.11	17.9	0.4	-	0.77
Horse beans	1,309	75.45	14.09	7.27	-	-	3.18
Field peas	185	70	10	-	-	-	20
Haricot beans	13,322	75.25	7.55	16.3	0.5	-	0.4
Chick – peas	-	-	-	-	-	-	-
Lentils	25	30	10	60	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	108	28.57	25.71	45.71	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	289	59.71	18.24	21.76	-	-	0.29
Neug	-	-	-	-	-	-	-
Linseed	194	52.92	15.83	30.83	-	-	0.42
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	95	40	60	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	223,313	59.81	0.79	37.07	0.21	0.12	2
Lettuce	-	-	-	-	-	-	-
Head cabbage	4,459	90.17	-	7.83	-	-	2
Ethiopian cabbage	109,504	87.01	0.13	9.26	-	0.24	3.36
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	109,350	18.46	1.75	78.8	0.53	-	0.47
Swiss chard	-	-	-	-	-	-	-
Root Crops	1,321	93.02	0.63	5.52	-	0.21	0.63
Beetroot	1,214	97.14	-	1.43	-	-	1.43
Carrot	89	94.17	-	5.83	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	19	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	23,034	66.24	0.5	28.56	0.07	0.43	4.2
Avocados	-	-	-	-	-	-	-
Bananas	2,440	82.96	-	14.07	-	-	2.96
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	115	100	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	733	77.69	-	20.77	-	-	1.54
Pineapples	-	-	-	-	-	-	-
Chat	18,479	51.25	0.93	41.71	0.07	-	6.05
Coffee	1,266	87.35	-	10.08	0.16	-	2.41
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.7.18- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Segen People							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	1,027,680	53.16	15.01	28.84	0.31	0.14	2.54
Cereals	875,208	54.23	14.19	28.12	0.33	0.2	2.94
Teff	93,929	30.79	16.26	50.92	0.61	0.02	1.4
Barley	24,349	51.88	19.01	26.36	0.17	0.43	2.16
Wheat	31,729	45.8	17.61	34.62	0.38	0.08	1.51
Maize	452,512	61.67	11.83	22.45	0.19	0.18	3.68
Sorghum	272,690	68.3	11.2	15.53	0.38	0.31	4.28
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	152,418	50.71	16.92	30.43	0.29	0.01	1.65
Horse beans	6,740	44.32	23.11	30.58	0.26	-	1.74
Field peas	7,301	38.02	24.48	34.14	0.52	-	2.84
Haricot beans	129,112	56.49	14.38	27.77	0.26	0.02	1.08
Chick – peas	7,648	49.47	10	32.11	-	-	8.42
Lentils	871	21.88	17.5	59.69	-	-	0.94
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	746	44	6	48	2	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	54	63.33	3.33	33.33	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	52	63.33	3.33	33.33	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	3	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	47,077	80.8	0.62	16.04	0.22	0.02	2.31
Lettuce	-	-	-	-	-	-	-
Head cabbage	40	100	-	-	-	-	-
Ethiopian cabbage	44,875	81.81	0.09	15.37	0.24	0.02	2.46
Tomatoes	478	92.5	0.83	1.67	-	-	5
Green peppers	1,368	74.52	1.61	21.94	0.16	-	1.77
Red peppers	317	67.33	8	24.67	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	53,114	77.76	3.92	16.27	0.17	0.13	1.75
Beetroot	101	100	-	-	-	-	-
Carrot	9	100	-	-	-	-	-
Onion	17,461	35	16.94	43.23	-	-	4.84
Potatoes	-	-	-	-	-	-	-
Garlic	474	21.11	11.67	62.22	1.67	-	3.33
Taro / 'Godere'	26,088	90.29	3.08	4.77	0.06	0.12	1.69
Sweet potatoes	8,981	82	-	16.93	-	0.14	0.93
Permanent crops	261,181	45.64	0.23	51.67	0.2	0.4	1.86
Avocados	-	-	-	-	-	-	-
Bananas	28,481	38.04	-	60.14	0.06	-	1.76
Guavas	25	51.5	-	47.5	-	-	1
Lemons	1,002	31.54	-	64.23	-	-	4.23
Mangoes	10,614	49.38	-	49.06	-	-	1.56
Oranges	442	45.91	-	54.09	-	-	-
Papayas	11,127	71.71	0.13	25.66	-	-	2.5
Pineapples	-	-	-	-	-	-	-
Chat	3,760	1.93	-	97.21	-	-	0.86
Coffee	13,601	31.99	0.65	65.87	0.17	-	1.33
Hops (Gesho)	-	-	-	-	-	-	-
Enset	145,713	75.25	-	21.66	0.59	0.41	2.09
Sugar cane	46,416	27.32	0.85	65.24	-	4.15	2.44

TABLE 1.8- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Gambela Region							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	202,409	76.7	10.29	8.66	0.32	0.43	3.61
Cereals	202,227	76.1	10.36	8.95	0.33	0.46	3.8
Teff	-	-	-	-	-	-	-
Barley	173	60	17.5	20	-	-	2.5
Wheat	-	-	-	-	-	-	-
Maize	119,725	78.14	10.28	6.46	0.14	0.41	4.57
Sorghum	82,322	71.14	10.42	15.59	0.93	0.66	1.26
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	6	52.47	12.67	25.53	-	-	9.33
Pulses	21	91.03	4.9	2.69	-	-	1.37
Horse beans	15	100	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	6	90.83	5.01	2.75	-	-	1.4
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	161	61.94	22.9	13.23	0.65	-	1.29
Neug	35	50	-	50	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	53	60	26.67	10.95	0.95	-	1.43
Safflower	18	92.5	7.5	-	-	-	-
Sesame	52	30	25	40	-	-	5
Rapeseed	3	65	35	-	-	-	-
Vegetables	11,238	83.91	0.39	13.82	0.07	-	1.81
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	3,094	89.3	-	8.09	0.07	-	2.55
Tomatoes	3,726	59.44	0.56	38.7	-	-	1.3
Green peppers	3,166	75	1.19	22.26	0.24	-	1.31
Red peppers	1,252	87.78	0.68	10.56	-	-	0.99
Swiss chard	-	-	-	-	-	-	-
Root Crops	55,403	84.84	2.29	8.61	0.5	0.16	3.6
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	1,887	80	5	15	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	30,615	88.39	3.19	5.33	0.4	-	2.69
Sweet potatoes	22,901	82.34	1.16	10.48	0.67	0.35	5
Permanent crops	4,024	80.86	0.15	12.81	2.66	2.17	1.35
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Enset	4,024	80.86	0.15	12.81	2.66	2.17	1.35
Sugar cane	-	-	-	-	-	-	-

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	61,389	73.65	10.92	11.61	0.38	0.3	3.14
Cereals	61,231	71.95	10.91	12.92	0.41	0.37	3.45
Teff	-	-	-	-	-	-	-
Barley	173	50	-	50	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	38,257	74.22	11.04	11	0.34	0.45	2.95
Sorghum	22,795	65.42	9.75	19.32	0.85	-	4.66
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	6	49.07	13.57	27.36	-	-	10
Pulses	-	-	-	-	-	-	-
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	158	60.8	24	13.2	0.8	-	1.2
Neug	35	50	-	50	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	53	60	26.67	10.95	0.95	-	1.43
Safflower	18	-	-	-	-	-	-
Sesame	49	60	40	-	-	-	-
Rapeseed	3	100	-	-	-	-	-
Vegetables	3,775	74.85	1.38	22.54	0.15	-	1.08
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	2,806	53	0.67	45.67	-	-	0.67
Green peppers	143	30	5	63	2	-	-
Red peppers	826	90.24	1.34	7.2	-	-	1.22
Swiss chard	-	-	-	-	-	-	-
Root Crops	26,418	81.71	1.95	10.26	0.74	0.33	5
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	8,752	83.14	3.02	10	0.47	-	3.37
Sweet potatoes	17,666	81.51	1.49	9.99	0.86	0.45	5.71
Permanent crops	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.8.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Nuware							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	46,984	80.54	10.35	3.57	0.03	0.09	5.41
Cereals	46,984	80.54	10.35	3.57	0.03	0.09	5.41
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	46,984	80.54	10.35	3.57	0.03	0.09	5.41
Sorghum	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.8.3- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Mezhenger							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	63,968	75.75	8.91	12.73	0.67	0.92	1.02
Cereals	63,943	74.55	9.17	13.48	0.74	1.02	1.05
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	4,415	80.78	5.21	9.69	0.1	1.7	2.52
Sorghum	59,528	72.3	10.55	14.83	0.95	0.8	0.57
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	21	91.03	4.26	4.12	-	-	0.59
Horse beans	15	100	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	6	90.47	4.53	4.38	-	-	0.63
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	4	66.67	18.33	13.33	-	-	1.67
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	4	-	10	80	-	-	10
Rapeseed	-	-	-	-	-	-	-
Vegetables	6,542	87.65	0.11	10.26	0.04	-	1.94
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	3,094	89.76	-	7.64	0.07	-	2.53
Tomatoes	-	-	-	-	-	-	-
Green peppers	3,023	82.22	0.69	15.56	-	-	1.53
Red peppers	426	85.25	-	14	-	-	0.75
Swiss chard	-	-	-	-	-	-	-
Root Crops	27,418	87.11	2.76	7.53	0.31	-	2.29
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	1,887	80	5	15	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	20,939	89.83	3.34	4.04	0.4	-	2.38
Sweet potatoes	4,592	81.83	-	15.5	-	-	2.67
Permanent crops	4,024	81.16	0.15	12.48	2.67	2.18	1.36
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Enset	4,024	81.16	0.15	12.48	2.67	2.18	1.36
Sugar cane	-	-	-	-	-	-	-

TABLE 1.8.4- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Itang Special Wereda

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	30,069	77.59	11.6	4.01	0.05	0.41	6.34
Cereals	30,069	77.59	11.6	4.01	0.05	0.41	6.34
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	30,069	77.93	11.36	3.9	0.05	0.41	6.35
Sorghum	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	921	27	1	67	-	-	5
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	921	23.75	1.25	68.75	-	-	6.25
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	1,567	95	-	1.54	-	-	3.46
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	924	90	-	4	-	-	6
Sweet potatoes	643	98.13	-	-	-	-	1.88
Permanent crops	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.9- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	140,268	70.53	13.21	13.9	0.08	0.29	1.99
Cereals	114,079	85.58	12.29	0.04	0.11	0.39	1.59
Teff	-	-	-	-	-	-	-
Barley	217	95	3.75	-	-	-	1.25
Wheat	543	94.17	4.17	-	-	-	1.67
Maize	27,414	88.19	10.08	0.11	-	0.07	1.55
Sorghum	85,904	83.27	14.29	-	0.19	0.64	1.62
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	72	90	10	-	-	-	-
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	72	90	10	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	26,118	23.92	16.13	56.7	-	-	3.25
Neug	-	-	-	-	-	-	-
Linseed	6	100	-	-	-	-	-
Groundnuts	25,634	19.98	16.46	60.23	-	-	3.33
Safflower	-	-	-	-	-	-	-
Sesame	464	84.5	13.5	-	-	-	2
Rapeseed	14	60	10	25	-	-	5
Vegetables	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	70,201	34.42	0.46	57.48	0.33	0.09	7.22
Avocados	-	-	-	-	-	-	-
Bananas	699	61.03	-	34.06	-	-	4.92
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	332	25.18	1.55	66.91	-	-	6.35
Oranges	-	-	-	-	-	-	-
Papayas	3,831	46.68	-	50.91	-	-	2.41
Pineapples	-	-	-	-	-	-	-
Chat	65,215	37.82	0.39	52.61	0.6	0.14	8.44
Coffee	125	45.81	-	53.39	-	-	0.81
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.10- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Dire Dawa							
Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	170,080	85.59	9.56	2.48	0.21	0.22	1.94
Cereals	158,798	87.6	9.27	0.29	0.31	0.33	2.2
Teff	-	-	-	-	-	-	-
Barley	10	37.2	62.8	-	-	-	-
Wheat	629	82.67	17.33	-	-	-	-
Maize	4,033	91.05	7.13	0.65	-	0.07	1.09
Sorghum	154,126	87.57	8.76	0.21	0.41	0.42	2.63
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	8,929	90.69	8.32	0.71	-	-	0.27
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	8,925	91.56	7.44	0.72	-	-	0.28
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	3	25	75	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	2,353	63.36	13.81	19.15	-	-	3.68
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	1,490	41.15	12.97	38.26	-	-	7.62
Safflower	-	-	-	-	-	-	-
Sesame	863	80.3	14.56	4.49	-	-	0.65
Rapeseed	-	-	-	-	-	-	-
Vegetables	6,566	27.32	-	67.88	-	-	4.8
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	6,566	28.49	-	66.8	-	-	4.71
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	7,542	41.75	1.27	50.88	0.01	-	6.08
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	7,356	54.12	0.38	38.52	-	-	6.99
Coffee	186	6.67	3.13	89	-	-	1.2
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

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, 44.92 percent was used for household consumption, 5.1 percent was sold, only 0.4 percent was used for wages in kind and the rest 49.59 percent was used for other purposes (could be for the production of butter, Cheese, and the likes). With respect to the utilization of butter, 60.69 percent of the produce was used for household consumption although considerable portion (34.38 percent) was sold. Most of the total Cheese produced was used for household consumption that is about 82.22 percent, 12.95 percent was sold and the rest 4.83 percent was used for wage in kind and other purposes, which are indicated in the table.

Of the total honey production, about 40.4 percent was used for household consumption, about 56.06 percent was sold, and less than 1 percent of the honey production was used as payment (wage) in the country. On the other hand, 42.55 percent of the wax produced in the country was used as household consumption while 28.72 percent was used for sale.

Concerning utilization of egg production, 26.99 percent of the total egg production was used for household consumption while 36.79 percent of the total egg production was used for sale. About one-third of the egg production in the country (that is about 36.04 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, 2012/13 (2005 E.C)

National

Type of Product	Total %	Percent of Product Utilized for:			
		Household Consumption	Sale	Wages in Kind	Other
Milk	100	44.92	5.1	0.4	49.59
Butter	100	60.69	34.38	0.32	4.61
Cheese	100	82.22	12.95	0.29	4.54
Beef	100	47.38	32.38	1.38	18.86
Mutton/Goat Meat	100	87.7	4.11	0.35	7.85
Eggs	100	26.99	36.79	0.18	36.04
Honey	100	40.4	56.06	0.45	3.09
Bees Wax	100	42.55	28.72	0.46	28.27
Sheep hair	100	47.47	47.56	2.46	2.51
Skin	100	55.67	37.12	0.62	6.58
Hide	100	44.42	49.19	0.2	6.2
Arera	100	65.07	2.36	0.25	32.32
Camel Meat	100	41.97	16.07	1.15	40.82

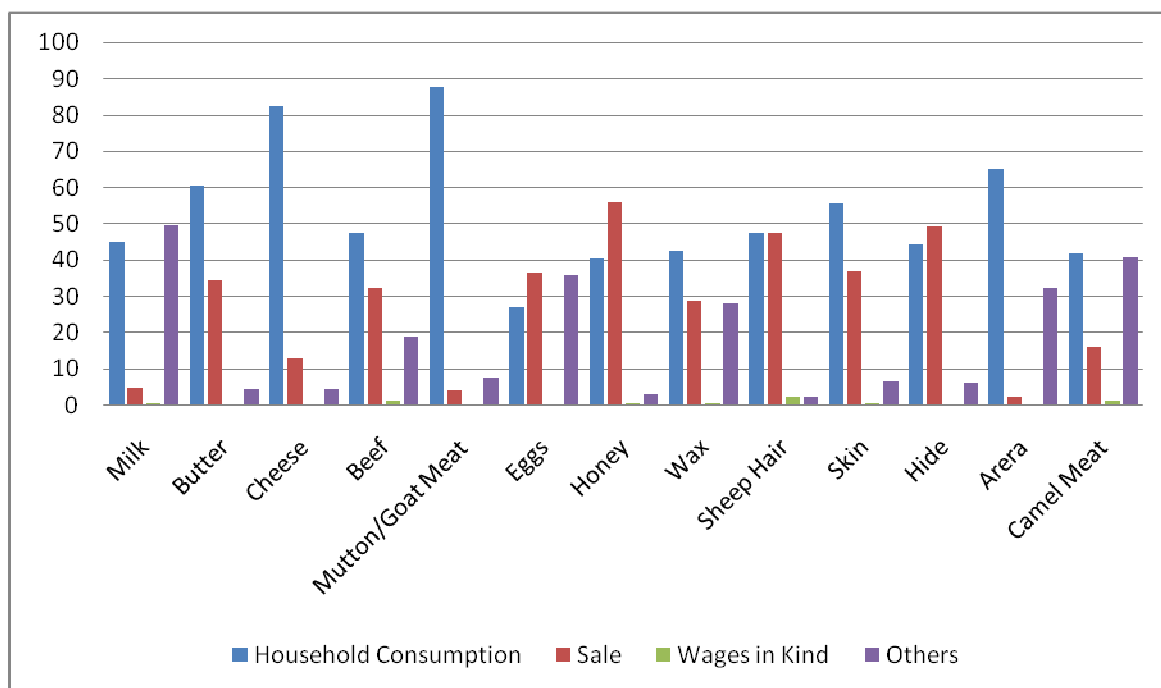


Figure 2: Percentages of Livestock product utilization

Table 2.1 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)
Tigray Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	31.22	2.04	1	65.74
Butter.....	100	68.69	24.03	0.79	6.49
Cheese.....	100	90.8	0.46	1.09	7.66
Beef.....	100	32.47	52.01	4.76	10.75
Mutton/Goat Meat....	100	80.86	12.78	1.14	5.23
Eggs.....	100	41.43	37.52	0.49	20.57
Honey.....	100	38.75	55.13	1.88	4.24
Wax.....	100	44.42	20.43	3.57	31.59
Sheep Hair.....	100	29.43	52.9	14	3.67
Skin.....	100	53.11	40.82	2.15	3.92
Hide.....	100	42.67	53.14	1	3.19
Arera.....	100	88.36	0.52*	0.9*	10.22*
Camel Meat.....	100	50	50	-	-

Table 2.1.1 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

North West Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	31.11	4.67	0.85	63.38
Butter.....	100	65.52	25.03	1	8.45
Cheese.....	100	83.39	0.19	1.25	15.17
Beef.....	100	33.7	54.85	1.65	9.81
Mutton/Goat Meat....	100	68.36	19.9	1.44	10.3
Eggs.....	100	46.94	20.16	0.85	32.05
Honey.....	100	35.42	59.23	1.47	3.88
Wax.....	100	39.11	12.67	1	47.22
Sheep Hair.....	-	-	-	-	-
Skin.....	100	58.19	35.74	1.06	5
Hide.....	100	45.34	48.83	0.78	5.05
Arera.....	100	88.96	-	0.6*	10.44*
Camel Meat.....	100	-	100	-	-

Table 2.1.2 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Central Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	39.73	0.45	0.71	59.11
Butter.....	100	76.8	17.86	0.51	4.83
Cheese.....	100	97.58	-	0.69	1.73
Beef.....	100	26.38	70.5	-	3.13
Mutton/Goat Meat....	100	82.22	12.09	-	5.69
Eggs.....	100	43.42	40.88	0.05	15.65
Honey.....	100	38.58	57.63	-	3.79
Wax.....	100	52.5	30.19	-	17.31
Sheep Hair.....	100	9.09	90.91	-	-
Skin.....	100	44.74	53.51	0.88	0.88
Hide.....	100	41.65	53.98	2.26	2.11
Arera.....	100	94.35	0.45*	0.34*	4.86*
Camel Meat.....	-	-	-	-	-

Table 2.1.3 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

East Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	22.56	2.33	0.55	74.56
Butter.....	100	65.43	26.91	0.38	7.28
Cheese.....	100	96.15	1.15	0.1	2.61
Beef.....	100	10.6	73.15	-	16.25
Mutton/Goat Meat....	100	86.41	9.9	0.63	3.06
Eggs.....	100	32.36	58.22	0.17	9.25
Honey.....	100	44.71	48.84	0.86	5.59
Wax.....	100	65.91	9.09	-	25
Sheep Hair.....	100	17.67	82.33	-	-
Skin.....	100	35	62.5	-	2.5
Hide.....	100	28.25	71.4	0.01	0.33
Arera.....	100	94.2	1.18*	0.28*	4.34*
Camel Meat.....	100	100	-	-	-

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

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	30.42	0.31	0.63	68.64
Butter.....	100	65.84	31.71	0.13	2.32
Cheese.....	100	97.2	-	-	2.8
Beef.....	100	32.75	44.25	23	-
Mutton/Goat Meat....	100	94.74	3.93	0.29	1.04
Eggs.....	100	28.36	51.23	0.11	20.29
Honey.....	100	31.7	64.89	-	3.4
Wax.....	100	50	22.73	-	27.27
Sheep Hair.....	-	-	-	-	-
Skin.....	100	45.67	50.73	2.5	1.1
Hide.....	100	43.49	51.6	-	4.91
Arera.....	100	93.09	-	0.59*	6.32*
Camel Meat.....	-	-	-	-	-

Table 2.1.5 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Western Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	29.85	1.7	2.12	66.33
Butter.....	100	70.08	19.19	1.66	9.06
Cheese.....	100	84.56	1.21	2.91	11.33
Beef.....	100	43.4	28.77	7.92	19.91
Mutton/Goat Meat....	100	70.74	19.61	4.59	5.05
Eggs.....	100	58.29	15.73	1.58	24.4
Honey.....	100	44.23	40.56	10.38	4.82
Wax.....	100	31.2	27.2	16.6	25
Sheep Hair.....	100	45.63	21.25	26.25	6.88
Skin.....	100	56.56	32.48	5.14	5.82
Hide.....	100	57.09	38.12	2.82	1.97
Arera.....	100	74.58	1.34*	2.39*	21.7*
Camel Meat.....	-	-	-	-	-

Table 2.2 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Afar Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	80.19	2.9	0.81	16.11
Butter.....	100	72.4	21.69	0.38	5.53
Cheese.....	100	94.02	5.28	-	0.7
Beef.....	100	45.45	7.76	1.03	45.76
Mutton/Goat Meat....	100	81.46	2.1	0.53	15.91
Eggs.....	100	66.4	18.49	-	15.12
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	75.23	16.98	0.17	7.62
Hide.....	100	75.5	12.74	0.05	11.71
Arera.....	100	87.77	0.45*	0.46*	11.32*
Camel Meat.....	100	49.38	10	1.25	39.38

Table 2.2.1 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Zone 1

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	77.17	3.05	0.34	19.44
Butter.....	100	66.1	28.52	0.02	5.37
Cheese.....	100	100	-	-	-
Beef.....	100	62.92	-	-	37.08
Mutton/Goat Meat....	100	79.68	0.68	0.45	19.2
Eggs.....	100	83.33	16.67	-	-
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	80.99	10.06	0.28	8.66
Hide.....	100	86.55	7.77	-	5.68
Arera.....	100	90.78	-	0.11*	9.11*
Camel Meat.....	100	53.08	15.38	-	31.54

Table 2.2.2 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Zone 3

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	84.56	2.67	1.5	11.27
Butter.....	100	80.62	12.79	0.84	5.75
Cheese.....	100	89.07	9.66	-	1.28
Beef.....	100	42.65	9	1.2	47.15
Mutton/Goat Meat....	100	83.43	3.66	0.62	12.29
Eggs.....	100	65.13	18.63	-	16.25
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	68.55	25	0.03	6.41
Hide.....	100	65.47	17.25	0.1	17.17
Arera.....	100	82.49	1.23*	1.08*	15.2*
Camel Meat.....	100	46.84	6.32	2.11	44.74

Table 2.3 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)
Amhara Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	34.39	0.48	0.6	64.53
Butter.....	100	61.61	32.69	0.28	5.42
Cheese.....	100	95.73	0.34	0.21	3.71
Beef.....	100	49.04	32.73	0.46	17.77
Mutton/Goat Meat....	100	95.19	1.35	0.13	3.33
Eggs.....	100	20.65	42.9	0.15	36.3
Honey.....	100	39.01	58.4	0.34	2.24
Wax.....	100	35.32	31.62	-	33.06
Sheep Hair.....	100	52.63	46.26	-	1.11
Skin.....	100	39.05	60.2	0.38	0.38
Hide.....	100	42.29	56.15	0.03	1.52
Arera.....	100	57.72	0.12*	0.22*	41.94*
Camel Meat.....	100	21.43	30	-	48.57

Table 2.3.1 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)
North Gonder

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	33.02	0.67	0.66	65.66
Butter.....	100	63.05	30.59	0.76	5.6
Cheese.....	100	96.95	0.01	0.45	2.6
Beef.....	100	79.6	2	-	18.4
Mutton/Goat Meat....	100	93.98	1.28	0.07	4.66
Eggs.....	100	24.92	23.08	0.26	51.74
Honey.....	100	37.92	58.32	0.35	3.41
Wax.....	100	18.18	40.45	-	41.36
Sheep Hair.....	100	100	-	-	-
Skin.....	100	32.63	67.37	-	-
Hide.....	100	45.8	53.69	0.3	0.21
Arera.....	100	34.99	0.04*	0.44*	64.53*
Camel Meat.....	-	-	-	-	-

Table 2.3.2 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

South Gonder

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	34.9	0.06	0.18	64.86
Butter.....	100	57.4	32.17	0.14	10.29
Cheese.....	100	96.3	0.14	0.14	3.41
Beef.....	100	15	45	-	40
Mutton/Goat Meat....	100	96.04	1.9	-	2.06
Eggs.....	100	16.95	49.45	-	33.61
Honey.....	100	45	52.99	-	2.01
Wax.....	100	42.11	50	-	7.89
Sheep Hair.....	100	100	-	-	-
Skin.....	100	41.07	58.93	-	-
Hide.....	100	56.54	40.81	-	2.64
Arera.....	100	41.55	0.18*	0.35*	57.92*
Camel Meat.....	-	-	-	-	-

Table 2.3.3 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

North Wolo

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	26.97	0.09	0.17	72.77
Butter.....	100	53.31	40.33	0.36	6.01
Cheese.....	100	93.61	0.19	0.2	6
Beef.....	100	46.43	35.71	-	17.86
Mutton/Goat Meat....	100	97.28	0.64	-	2.08
Eggs.....	100	25.24	43.62	-	31.14
Honey.....	100	48.58	49.47	-	1.95
Wax.....	100	32.05	19.74	-	48.21
Sheep Hair.....	100	65.63	34.38	-	-
Skin.....	100	35.42	64.58	-	-
Hide.....	100	44.23	55.32	-	0.45
Arera.....	100	59.98	0.23*	0.28*	39.51*
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	41.47	1.62	0.31	56.6
Butter.....	100	54.85	36.78	0.25	8.11
Cheese.....	100	92.99	-	-	7.01
Beef.....	100	14.23	63.5	-	22.27
Mutton/Goat Meat....	100	92.69	1.33	0.44	5.53
Eggs.....	100	20.22	64.66	0.04	15.08
Honey.....	100	50.43	46.83	0.19	2.55
Wax.....	100	71.07	15.71	-	13.21
Sheep Hair.....	100	-	90.91	-	9.09
Skin.....	100	42.61	57.39	-	-
Hide.....	100	21.17	78.83	-	-
Arera.....	100	90.96	0.15*	0.29*	8.59*
Camel Meat.....	-	-	-	-	-

Table 2.3.5 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

North Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	40.25	0.21	0.81	58.73
Butter.....	100	57.01	39.62	0.19	3.17
Cheese.....	100	92.13	4.11	0.38	3.37
Beef.....	100	43.45	42.93	-	13.62
Mutton/Goat Meat....	100	95.62	2.92	0.09	1.37
Eggs.....	100	23.58	49.83	0.71	25.88
Honey.....	100	59.76	39.02	-	1.22
Wax.....	100	28.57	14.29	-	57.14
Sheep Hair.....	100	47.22	52.22	-	0.57
Skin.....	100	71.43	23.81	-	4.76
Hide.....	100	44.5	54.86	-	0.64
Arera.....	100	53.28	-	-	46.72*
Camel Meat.....	100	-	52.5	-	47.5

Table 2.3.6 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

East Gojam

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	45.75	1	0.29	52.96
Butter.....	100	74.89	21.71	0.14	3.26
Cheese.....	100	97.64	0.27	-	2.09
Beef.....	100	51.79	6.43	-	41.79
Mutton/Goat Meat....	100	95.41	-	-	4.59
Eggs.....	100	22.67	61.25	0.08	16
Honey.....	100	38.63	60.37	-	1
Wax.....	100	48.41	13.64	-	37.95
Sheep Hair.....	-	-	-	-	-
Skin.....	100	41.15	58.85	-	-
Hide.....	100	34.43	65.4	-	0.17
Arera.....	100	50.19	-	0.44*	49.37*
Camel Meat.....	-	-	-	-	-

Table 2.3.7 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

West Gojam

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	28.51	-	1.01	70.49
Butter.....	100	73.8	23.34	-	2.85
Cheese.....	100	98.39	-	-	1.61
Beef.....	100	81.11	10.56	8.33	-
Mutton/Goat Meat....	100	95.09	3.63	0.35	0.92
Eggs.....	100	17.35	31	0.04	51.61
Honey.....	100	33.26	62.94	0.24	3.56
Wax.....	100	10	17.5	-	72.5
Sheep Hair.....	-	-	-	-	-
Skin.....	100	11.54	88.46	-	-
Hide.....	100	51.94	43.29	-	4.76
Arera.....	100	37.48	-	-	62.52*
Camel Meat.....	-	-	-	-	-

Table 2.3.8 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)
Waghamera

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	25.36	0.1	1.34	73.2
Butter.....	100	69.64	20.92	0.04	9.39
Cheese.....	100	90.39	-	-	9.61
Beef.....	100	52.74	45.24	-	2.02
Mutton/Goat Meat....	100	94.27	2.37	0.51	2.85
Eggs.....	100	20.32	37.39	0.3	42
Honey.....	100	32.38	65.63	-	1.99
Wax.....	100	45.31	34.21	-	20.48
Sheep Hair.....	100	-	100	-	-
Skin.....	100	40.91	59.09	-	-
Hide.....	100	48.51	47.39	-	4.1
Arera.....	100	59.49	-	-	40.51*
Camel Meat.....	-	-	-	-	100

Table 2.3.9 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Awi

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	40.83	0.73	0.63	57.8
Butter.....	100	56.66	41.19	0.43	1.72
Cheese.....	100	97.76	-	0.6	1.64
Beef.....	100	40	26.67	-	33.33
Mutton/Goat Meat....	100	98.32	0.17	0.07	1.44
Eggs.....	100	19.96	37.03	0.01	42.99
Honey.....	100	23.05	73.76	2.8	0.39
Wax.....	100	38.64	56.82	-	4.55
Sheep Hair.....	100	100	-	-	-
Skin.....	100	9.72	90.28	-	-
Hide.....	100	31.91	67.38	-	0.71
Arera.....	100	56.85	0.43*	-	42.72*
Camel Meat.....	-	-	-	-	-

Table 2.3.10 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Oromia Zone

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	30.1	0.19	0.38	69.33
Butter.....	100	57.58	38.52	0.39	3.52
Cheese.....	100	97.4	-	-	2.6
Beef.....	100	18.75	20	-	61.25
Mutton/Goat Meat....	100	89.59	-	-	10.41
Eggs.....	100	18.28	33.22	-	48.51
Honey.....	100	28.53	62.47	-	9
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	50	37.5	12.5	-
Hide.....	100	52.58	36.13	-	11.29
Arera.....	100	92.23	0.33*	0.33*	7.1*
Camel Meat.....	-	-	-	-	-

Table 2.3.11 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)
Argoba Special

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	26.48	-	1.47	72.05
Butter.....	100	56.3	42.19	0.18	1.34
Cheese.....	100	-	-	-	-
Beef.....	100	37.14	12.86	-	50
Mutton/Goat Meat....	100	82	3	-	15
Eggs.....	100	10.86	36.93	-	52.21
Honey.....	100	31.48	68.52	-	-
Wax.....	100	-	100	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	87.5	12.5	-	-
Hide.....	100	51.73	48.27	-	-
Arera.....	100	96.26	-	-	3.74*
Camel Meat.....	100	50	-	-	50

Table 2.4 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Oromia Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	46.03	5.27	0.2	48.51
Butter.....	100	59.54	35.62	0.25	4.59
Cheese.....	100	83.92	9.69	0.21	6.18
Beef.....	100	51.25	30.85	0.49	17.41
Mutton/Goat Meat....	100	89.6	3.1	0.2	7.09
Eggs.....	100	28.01	38.85	0.21	32.93
Honey.....	100	45.42	51.02	0.29	3.27
Wax.....	100	35.94	36.89	0.02	27.15
Sheep Hair.....	100	6	60	-	34
Skin.....	100	62.66	29.71	0.57	7.05
Hide.....	100	38	55.15	0.19	6.66
Arera.....	100	70.72	2.87*	0.13*	26.28*
Camel Meat.....	100	17.5	26.25	7.5	48.75

Table 2.4.1 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

West Welega

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	10.5	0.31	-	89.19
Butter.....	100	54.54	38.55	0.6	6.31
Cheese.....	100	88.8	-	0.05	11.15
Beef.....	100	10	-	-	90
Mutton/Goat Meat....	100	90.56	-	-	9.44
Eggs.....	100	21.79	26.03	0.3	51.88
Honey.....	100	35.36	63.57	0.08	0.99
Wax.....	100	16.53	61.48	-	21.99
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	33.33	50	-	16.67
Arera.....	100	48.41	-	-	51.59*
Camel Meat.....	-	-	-	-	-

Table 2.4.2 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

East Welega

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	14.24	0.19	-	85.57
Butter.....	100	49.43	47.07	0.02	3.48
Cheese.....	100	91.88	-	-	8.12
Beef.....	100	15	45	-	40
Mutton/Goat Meat....	100	95.89	1.61	-	2.5
Eggs.....	100	20.96	18.65	0.02	60.37
Honey.....	100	34.51	62.28	-	3.21
Wax.....	100	4.12	65	-	30.88
Sheep Hair.....	-	-	-	-	-
Skin.....	100	83.33	-	-	16.67
Hide.....	100	26.95	67.97	-	5.08
Arera.....	100	52.88	-	0.05*	47.08*
Camel Meat.....	-	-	-	-	-

Table 2.4.3 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Illubabor

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	49.12	0.97	0.36	49.55
Butter.....	100	60.27	33.15	0.51	6.07
Cheese.....	100	86.89	4.2	0.2	8.71
Beef.....	100	89.38	10.63	-	-
Mutton/Goat Meat....	100	87.22	5.56	-	7.22
Eggs.....	100	38.66	30.96	0.08	30.3
Honey.....	100	49.24	46.08	0.3	4.39
Wax.....	100	40.26	52.59	-	7.16
Sheep Hair.....	100	-	100	-	-
Skin.....	100	20	80	-	-
Hide.....	100	4.05	85.14	2.7	8.11
Arera.....	100	80.83	0.15*	0.15*	18.87*
Camel Meat.....	-	-	-	-	-

Table 2.4.4 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Jimma

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	54.56	0.91	0.22	44.31
Butter.....	100	62.97	30.69	0.03	6.32
Cheese.....	100	74.23	20.48	-	5.3
Beef.....	100	17	83	-	-
Mutton/Goat Meat....	100	76.94	11.61	1.61	9.84
Eggs.....	100	32.99	34.4	0.16	32.45
Honey.....	100	60.7	33.32	-	5.99
Wax.....	100	46.43	25	-	28.57
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	85.71	-	14.29
Hide.....	100	7.14	82.14	-	10.71
Arera.....	100	80.87	3.38*	-	15.75*
Camel Meat.....	100	-	10	-	90

Table 2.4.5 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

West Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	24.96	0.29	-	74.75
Butter.....	100	49.33	46.69	0.19	3.78
Cheese.....	100	89.55	6.72	0.13	3.59
Beef.....	100	33.16	64.47	-	2.37
Mutton/Goat Meat....	100	91.41	7.33	-	1.26
Eggs.....	100	30.74	43.58	0.09	25.59
Honey.....	100	39.66	57.4	0.87	2.07
Wax.....	100	56.15	4.04	-	39.81
Sheep Hair.....	-	15	-	-	85
Skin.....	100	52.41	26.9	3.45	17.24
Hide.....	100	20.48	78.56	0.48	0.48
Arera.....	100	63.72	-	-	36.28*
Camel Meat.....	-	-	-	-	-

Table 2.4.6 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

North Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	31.81	4.41	0.08	63.7
Butter.....	100	33.61	63.07	-	3.32
Cheese.....	100	68.13	29.65	0.03	2.19
Beef.....	100	48.13	29.06	-	22.81
Mutton/Goat Meat....	100	95.9	2.03	0.16	1.9
Eggs.....	100	20.12	73.39	-	6.49
Honey.....	100	49.53	46.58	-	3.89
Wax.....	100	53.53	3.53	-	42.94
Sheep Hair.....	-	-	-	-	-
Skin.....	100	56.08	43.38	-	0.54
Hide.....	100	18.57	80.42	0.23	0.78
Arera.....	100	45.07	0.03*	0.4*	54.5*
Camel Meat.....	-	-	-	-	-

Table 2.4.7 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

East Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	51.27	1.48	0.12	47.13
Butter.....	100	67.54	25.08	-	7.38
Cheese.....	100	84.47	11.71	-	3.82
Beef.....	100	31.79	43.21	-	25
Mutton/Goat Meat....	100	94.01	5.22	-	0.77
Eggs.....	100	33.18	43.43	0.16	23.24
Honey.....	100	71.67	26.67	-	1.67
Wax.....	100	100	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	70.59	29.41	-	-
Hide.....	100	47.33	49.77	-	2.91
Arera.....	100	69.75	0.17*	-	30.08*
Camel Meat.....	100	-	25	-	75

Table 2.4.8 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Arsi

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	62.33	0.78	0.31	36.58
Butter.....	100	72.14	22.34	-	5.53
Cheese.....	100	94.1	2.22	-	3.69
Beef.....	100	40	26.18	-	33.82
Mutton/Goat Meat....	100	91.04	2.53	-	6.43
Eggs.....	100	37.48	43.03	-	19.49
Honey.....	100	73.29	24.86	-	1.85
Wax.....	100	84.55	5.45	-	10
Sheep Hair.....	100	-	100	-	-
Skin.....	100	82.4	13.6	-	4
Hide.....	100	58.28	36.78	-	4.94
Arera.....	100	74.22	-	-	25.78*
Camel Meat.....	-	-	-	-	-

Table 2.4.9 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

West Harerge

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	72.18	10.35	0.05	17.42
Butter.....	100	74.57	20.33	-	5.1
Cheese.....	100	90.91	-	-	9.09
Beef.....	100	58	17	-	25
Mutton/Goat Meat....	100	75.91	8.18	-	15.91
Eggs.....	100	21.28	38.37	0.23	40.12
Honey.....	100	59.25	34.75	-	6
Wax.....	100	50	10	-	40
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	74.71	2.94	-	22.35
Arera.....	100	91.43	1.33*	-	7.24*
Camel Meat.....	-	-	-	-	-

Table 2.4.10 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

East Harerge

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	64.75	27.26	0.08	7.91
Butter.....	100	76.35	17.66	-	5.99
Cheese.....	-	-	-	-	-
Beef.....	100	28.4	36.6	-	35
Mutton/Goat Meat....	100	64.8	0.91	-	34.29
Eggs.....	100	19.41	58.95	0.12	21.52
Honey.....	100	48.05	48.7	-	3.24
Wax.....	100	100	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	27.27	9.09	-	63.64
Hide.....	100	41.72	-	-	58.28
Arera.....	100	97.5	-	-	2.5*
Camel Meat.....	-	-	-	-	-

Table 2.4.11 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Bale

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	77.56	5.18	-	17.26
Butter.....	100	70.27	27.1	0.24	2.39
Cheese.....	100	92.05	6.37	-	1.58
Beef.....	100	75	15	-	10
Mutton/Goat Meat....	100	90.54	-	-	9.46
Eggs.....	100	34.33	47.63	-	18.04
Honey.....	100	42.5	51.25	1.46	4.79
Wax.....	100	46.36	48.18	0.91	4.55
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	83.65	9.65	-	6.7
Arera.....	100	82.71	0.06*	-	17.23*
Camel Meat.....	-	-	-	-	-

Table 2.4.12 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Borena

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	58.86	12.92	1.29	26.93
Butter.....	100	64.79	31.51	0.7	3
Cheese.....	100	68	-	30.67	1.33
Beef.....	100	69	8.8	3.6	18.6
Mutton/Goat Meat....	100	82.33	6.04	0.3	11.34
Eggs.....	100	21.65	44.96	2.42	30.97
Honey.....	100	26.83	67.92	0.17	5.08
Wax.....	100	100	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	78.33	17.78	0.56	3.33
Hide.....	100	76.96	21.09	0.43	1.52
Arera.....	100	75.83	19.53*	1.33*	3.31*
Camel Meat.....	-	-	-	-	-

Table 2.4.13 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)
South West Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	32.61	0.11	-	67.28
Butter.....	100	58.98	36.99	0.92	3.1
Cheese.....	100	77.73	18.97	-	3.29
Beef.....	100	41.67	46.67	-	11.67
Mutton/Goat Meat....	100	97.81	1.09	-	1.09
Eggs.....	100	30.52	48.23	-	21.25
Honey.....	100	53.1	45.54	-	1.36
Wax.....	100	34.11	19.46	-	46.43
Sheep Hair.....	-	-	-	-	-
Skin.....	100	50	50	-	-
Hide.....	100	28.51	70.15	-	1.34
Arera.....	100	55.55	1.79*	-	42.66*
Camel Meat.....	-	-	-	-	-

Table 2.4.14 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Guji

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	55.33	21.24	0.52	22.92
Butter.....	100	55.92	41.48	0.6	1.99
Cheese.....	100	84.04	5.53	-	10.44
Beef.....	100	53.33	46.67	-	-
Mutton/Goat Meat....	100	89.02	3.48	1.59	5.91
Eggs.....	100	33.38	47.85	0.75	18.02
Honey.....	100	30.88	66.3	0.83	1.99
Wax.....	100	63.64	18.18	-	18.18
Sheep Hair.....	-	-	-	-	-
Skin.....	100	63.64	36.36	-	-
Hide.....	100	43.62	56.38	-	-
Arera.....	100	73.8	22.85*	0.28*	3.07*
Camel Meat.....	-	20	50	-	30

Table 2.4.15 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

West Arsi

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	58.77	0.56	0.17	40.5
Butter.....	100	61.55	33.58	0.09	4.78
Cheese.....	100	78.39	18.64	-	2.97
Beef.....	100	65.29	16.76	-	17.94
Mutton/Goat Meat....	100	93.47	-	0.12	6.41
Eggs.....	100	31.14	41.31	0.11	27.43
Honey.....	100	72.67	25.67	-	1.67
Wax.....	100	100	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	62.86	27.62	-	9.52
Hide.....	100	37.83	60.96	-	1.2
Arera.....	100	89.8	0.62*	-	9.58*
Camel Meat.....	-	-	-	-	-

Table 2.4.16 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Kelem

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	18.05	0.25	0.08	81.62
Butter.....	100	60.19	31.63	-	8.18
Cheese.....	100	86.57	-	0.08	13.35
Beef.....	100	35.71	25.71	-	38.57
Mutton/Goat Meat....	100	85.1	4.04	0.96	9.9
Eggs.....	100	25.35	14.13	-	60.52
Honey.....	100	36.76	58.65	-	4.59
Wax.....	100	33.75	24.17	-	42.08
Sheep Hair.....	-	-	-	-	-
Skin.....	100	60	37.27	2.73	-
Hide.....	100	17.33	76	-	6.67
Arera.....	100	63.39	-	-	36.61*
Camel Meat.....	100	50	20	30	-

Table 2.4.17 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Horogudru

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	12.14	0.18	-	87.68
Butter.....	100	57.7	38.33	0.32	3.65
Cheese.....	100	87.05	-	-	12.95
Beef.....	100	22	78	-	-
Mutton/Goat Meat....	100	95.05	1.03	-	3.92
Eggs.....	100	20.2	21.37	-	58.43
Honey.....	100	32.45	63.55	-	4
Wax.....	100	28.15	42.22	-	29.63
Sheep Hair.....	-	-	-	-	-
Skin.....	100	20	80	-	-
Hide.....	100	34.08	65.92	-	-
Arera.....	100	74.48	-	0.08*	25.44*
Camel Meat.....	-	-	-	-	-

Table 2.5 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)
Somali Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	67.91	27.61	0.38	4.09
Butter.....	100	46.44	51.18	0.55	1.83
Cheese.....	-	-	-	-	-
Beef.....	100	47.73	3.64	0.91	47.73
Mutton/Goat Meat....	100	79.1	0.62	0.22	20.06
Eggs.....	100	27.97	44.38	1.22	26.44
Honey.....	100	48.33	43.33	-	8.33
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	15.82	76.8	-	7.38
Hide.....	100	44.42	34.4	-	21.18
Arera.....	100	92.2	4.86*	-	2.94*
Camel Meat.....	100	59	9.5	-	31.5

Table 2.5.1 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Shinele

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	86.08	11.49	-	2.43
Butter.....	100	50	35	-	15
Cheese.....	-	-	-	-	-
Beef.....	100	100	-	-	-
Mutton/Goat Meat....	100	71.84	0.13	-	28.02
Eggs.....	100	33.79	21.43	-	44.79
Honey.....	100	100	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	33.33	-	-	66.67
Hide.....	100	17.96	23.24	-	58.8
Arera.....	100	100	-	-	-
Camel Meat.....	100	42.5	-	-	57.5

Table 2.5.2 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)
Jijiga

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	52.48	43.36	0.31	3.84
Butter.....	100	48.2	50.78	-	1.02
Cheese.....	-	-	-	-	-
Beef.....	100	20	-	-	80
Mutton/Goat Meat....	100	83.16	0.39	0.54	15.91
Eggs.....	100	6.79	92.5	-	0.71
Honey.....	100	41.88	48.75	-	9.38
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	8.52	86.93	-	4.55
Hide.....	100	73.4	21.93	-	4.67
Arera.....	100	98.7	-	-	1.3*
Camel Meat.....	100	95	-	-	5

Table 2.5.3 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Liben

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	75.32	17.28	0.95	6.46
Butter.....	100	42.4	52.7	1.8	3.1
Cheese.....	-	-	-	-	-
Beef.....	100	45	4.44	1.11	49.44
Mutton/Goat Meat....	100	82.11	1.4	0.09	16.4
Eggs.....	100	29.83	41.34	1.51	27.33
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	35	61.43	-	3.57
Hide.....	100	40.47	57.58	-	1.95
Arera.....	100	77.72	15.65*	-	6.63*
Camel Meat.....	100	58.57	13.57	-	27.86

Table 2.6 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)
Benshangule-Gumuz Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	39.39	1.81	0.57	58.23
Butter.....	100	51.42	43.84	0.04	4.7
Cheese.....	100	95.26	0.7	0.12	3.93
Beef.....	100	63.89	29.72	0.28	6.11
Mutton/Goat Meat....	100	87.94	7.73	0.82	3.52
Eggs.....	100	16.39	14.83	0.01	68.77
Honey.....	100	26.21	71.92	0.03	1.85
Wax.....	100	44.84	22.47	-	32.69
Sheep Hair.....	-	-	-	-	-
Skin.....	100	41.74	49.57	-	8.7
Hide.....	100	47.45	40.05	-	12.5
Arera.....	100	67.51	0.03*	0.09*	32.37*
Camel Meat.....	100	5	-	-	95

Table 2.6.1 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Metekel

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	42.54	-	1.01	56.44
Butter.....	100	53.81	41.34	0.07	4.78
Cheese.....	100	96.93	1.25	0.05	1.77
Beef.....	100	76.36	23.18	-	0.45
Mutton/Goat Meat....	100	84.67	12.82	-	2.51
Eggs.....	100	20.8	14.72	-	64.48
Honey.....	100	36.6	62.9	-	0.5
Wax.....	100	14.29	50	-	35.71
Sheep Hair.....	-	-	-	-	-
Skin.....	100	43.08	56.92	-	-
Hide.....	100	28.97	64.62	-	6.41
Arera.....	100	68.78	-	-	31.22*
Camel Meat.....	-	-	-	-	-

Table 2.6.2 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Asosa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	46.7	10.57	-	42.74
Butter.....	100	56.81	38.3	-	4.89
Cheese.....	100	94.61	-	-	5.39
Beef.....	100	100	-	-	-
Mutton/Goat Meat....	100	85.72	5.98	-	8.3
Eggs.....	100	17.26	19.95	0.03	62.76
Honey.....	100	25.39	74.3	-	0.3
Wax.....	100	92.86	7.14	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	33.33	66.67	-	-
Hide.....	100	58.82	17.65	-	23.53
Arera.....	100	66.05	0.26*	-	33.68*
Camel Meat.....	100	5	-	-	95

Table 2.6.3 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)
Kemashi

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	40.12	2.41	-	57.47
Butter.....	100	53.9	40.97	-	5.13
Cheese.....	100	90.32	-	0.32	9.37
Beef.....	100	-	-	-	100
Mutton/Goat Meat....	100	93.75	1.03	2.79	2.43
Eggs.....	100	10.65	6.47	-	82.88
Honey.....	100	26.17	69.5	-	4.33
Wax.....	100	46.92	37.69	-	15.38
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	60.48	28.23	-	11.29
Arera.....	100	81.85	-	0.32*	17.82*
Camel Meat.....	-	-	-	-	-

Table 2.6.4 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Mao Komo

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	18.95	-	0.18	80.88
Butter.....	100	34.55	61.79	-	3.66
Cheese.....	100	95.58	-	0.19	4.23
Beef.....	100	42	56	1	1
Mutton/Goat Meat....	100	87.5	10.74	-	1.76
Eggs.....	100	14.63	17.04	-	68.33
Honey.....	100	23.25	74.67	0.05	2.03
Wax.....	100	39.62	15.38	-	45
Sheep Hair.....	-	-	-	-	-
Skin.....	100	33.33	-	-	66.67
Hide.....	100	61.11	16.67	-	22.22
Arera.....	100	41.22	-	0.24*	58.54*
Camel Meat.....	-	-	-	-	-

Table 2.7 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

S.N.N.P. Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	36.14	1.23	0.33	62.3
Butter.....	100	56.87	39.33	0.31	3.49
Cheese.....	100	64.02	33.46	0.18	2.34
Beef.....	100	65.65	27.91	-	6.44
Mutton/Goat Meat....	100	87.81	7.69	0.4	4.09
Eggs.....	100	28.63	32.2	0.11	39.06
Honey.....	100	38.77	57.97	0.36	2.9
Wax.....	100	70.08	8.97	0.25	20.7
Sheep Hair.....	100	100	-	-	-
Skin.....	100	40.28	52.23	-	7.48
Hide.....	100	41.71	55.88	0.09	2.31
Arera.....	100	53.06	4.35*	0.22*	42.36*
Camel Meat.....	100	16.67	33.33	-	50

Table 2.7.1 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Gurage

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	32.24	0.31	0.46	66.99
Butter.....	100	66.37	27.81	0.19	5.63
Cheese.....	100	70.48	25.01	0.4	4.11
Beef.....	100	93.5	0.63	-	5.88
Mutton/Goat Meat....	100	93.88	3.55	-	2.58
Eggs.....	100	51.2	24.61	0.18	24.02
Honey.....	100	52.63	46.5	0.13	0.75
Wax.....	100	60	5	-	35
Sheep Hair.....	-	-	-	-	-
Skin.....	100	19.44	72.22	-	8.33
Hide.....	100	12.5	87.5	-	-
Arera.....	100	12.46	0.11*	0.11*	87.32*
Camel Meat.....	-	-	-	-	-

Table 2.7.2 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Hadiya

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	18.66	0.36	0.32	80.67
Butter.....	100	56.96	39.44	0.31	3.28
Cheese.....	100	58.94	40.7	0.04	0.33
Beef.....	100	100	-	-	-
Mutton/Goat Meat....	100	98.44	-	-	1.56
Eggs.....	100	26.75	19.63	0.17	53.45
Honey.....	100	48.38	50	-	1.62
Wax.....	100	100	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	100	-	-
Hide.....	100	12.5	87.5	-	-
Arera.....	100	50.01	-	0.03*	49.95*
Camel Meat.....	-	-	-	-	-

Table 2.7.3 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Kembata-Tembaro

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	20.4	0.1	0.33	79.17
Butter.....	100	52.88	43.2	-	3.92
Cheese.....	100	53.79	45.31	0.14	0.76
Beef.....	100	50	-	-	50
Mutton/Goat Meat....	100	100	-	-	-
Eggs.....	100	29.98	32.15	0.19	37.69
Honey.....	100	52.28	38.52	-	9.21
Wax.....	100	100	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	87.5	12.5	-	-
Hide.....	100	29.55	64.55	5.91	-
Arera.....	100	47.83	1.33*	0.05*	50.78*
Camel Meat.....	-	-	-	-	-

Table 2.7.4 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Sidama

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	35.95	1.74	-	62.31
Butter.....	100	49.67	46.05	0.08	4.2
Cheese.....	100	99.23	-	-	0.77
Beef.....	100	77.5	11.88	-	10.63
Mutton/Goat Meat....	100	97.25	-	-	2.75
Eggs.....	100	19.95	52.79	-	27.26
Honey.....	100	62.8	33.2	-	4
Wax.....	100	25	26.67	-	48.33
Sheep Hair.....	-	-	-	-	-
Skin.....	100	63.75	25	-	11.25
Hide.....	100	26.82	72.73	-	0.45
Arera.....	100	80.37	11.87*	0.2*	7.56*
Camel Meat.....	-	-	-	-	-

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

Gedio

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	35.57	2.73	1.48	60.23
Butter.....	100	79.42	16.63	-	3.95
Cheese.....	100	75	25	-	-
Beef.....	100	100	-	-	-
Mutton/Goat Meat....	100	95	3.53	-	1.47
Eggs.....	100	28.33	34.94	-	36.72
Honey.....	100	55.33	43.67	-	1
Wax.....	100	82.86	14.29	-	2.86
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	100	-	-
Hide.....	100	30	70	-	-
Arera.....	100	89.64	6.55*	-	3.81*
Camel Meat.....	-	-	-	-	-

Table 2.7.6 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Wolayita

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	9.5	0.37	0.37	89.76
Butter.....	100	34.72	59.23	1.38	4.67
Cheese.....	100	46.76	51.04	-	2.2
Beef.....	100	27.5	72.5	-	-
Mutton/Goat Meat....	100	100	-	-	-
Eggs.....	100	14.65	33.65	0.23	51.47
Honey.....	100	25.27	70.5	-	4.23
Wax.....	100	87.5	-	-	12.5
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	-	-	100
Hide.....	100	-	100	-	-
Arera.....	100	56.82	16.81*	0.39*	25.99*
Camel Meat.....	100	-	100	-	-

Table 2.7.7 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

South Omo

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	49.5	1.64	0.31	48.54
Butter.....	100	44.7	51.13	0.16	4.01
Cheese.....	100	48.07	50.5	-	1.43
Beef.....	100	23.33	13.33	-	63.33
Mutton/Goat Meat....	100	88.8	1.95	0.52	8.73
Eggs.....	100	27.04	43.04	0.33	29.58
Honey.....	100	29.02	67.34	-	3.64
Wax.....	100	60	-	-	40
Sheep Hair.....	100	100	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	83.57	15.26	-	1.17
Arera.....	100	86.94	3.45*	0.13*	9.49*
Camel Meat.....	-	-	-	-	-

Table 2.7.8 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Sheka

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	49.65	1.77	-	48.58
Butter.....	100	85.68	13.57	0.01	0.74
Cheese.....	100	87.87	12.01	-	0.13
Beef.....	100	31.67	68.33	-	-
Mutton/Goat Meat....	100	83.89	15.43	-	0.68
Eggs.....	100	33.68	16.64	-	49.69
Honey.....	100	26.7	72.4	0.2	0.7
Wax.....	100	100	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	90	-	-	10
Hide.....	100	11.84	88.16	-	-
Arera.....	100	22.41	-	-	77.59*
Camel Meat.....	-	-	-	-	-

Table 2.7.9 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Kefa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	39.12	0.37	-	60.51
Butter.....	100	71.31	28.19	-	0.5
Cheese.....	100	76.31	20.81	-	2.89
Beef.....	100	15.33	76.33	-	8.33
Mutton/Goat Meat....	100	81.22	18.14	-	0.64
Eggs.....	100	23.89	19.88	-	56.23
Honey.....	100	32.62	63.57	-	3.81
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	50	33.33	-	16.67
Hide.....	100	6.49	92.21	-	1.3
Arera.....	100	15.9	0.18*	-	83.93*
Camel Meat.....	-	-	-	-	-

Table 2.7.10 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Gamo Gofa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	33.71	0.56	-	65.73
Butter.....	100	50.47	47.13	-	2.4
Cheese.....	100	43.17	53.58	-	3.26
Beef.....	100	47.5	45	-	7.5
Mutton/Goat Meat....	100	88.16	2.89	-	8.95
Eggs.....	100	22.59	46.74	0.13	30.54
Honey.....	100	32.42	65.16	-	2.42
Wax.....	100	52	44	-	4
Sheep Hair.....	-	-	-	-	-
Skin.....	100	45.71	54.29	-	-
Hide.....	100	30.67	69.33	-	-
Arera.....	100	75.57	8.2*	0.03*	16.2*
Camel Meat.....	-	-	-	-	-

Table 2.7.11 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Bench-Maji

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	58.21	7.6	0.34	33.85
Butter.....	100	54.72	42.81	0.16	2.32
Cheese.....	100	80.84	11.72	0.31	7.13
Beef.....	100	27.5	72.5	-	-
Mutton/Goat Meat....	100	78.86	15.96	0.88	4.3
Eggs.....	100	24.11	21.94	-	53.95
Honey.....	100	34	60.17	-	5.83
Wax.....	100	-	33.33	-	66.67
Sheep Hair.....	-	-	-	-	-
Skin.....	100	46.15	53.85	-	-
Hide.....	100	42.39	46.74	-	10.87
Arera.....	100	42.29	-	-	57.71*
Camel Meat.....	-	-	-	-	-

Table 2.7.12 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Yem Special Wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	62.14	1.82	0.68	35.36
Butter.....	100	63.89	32.7	0.16	3.24
Cheese.....	100	78.62	18.47	-	2.91
Beef.....	100	12.86	87.14	-	-
Mutton/Goat Meat....	100	80.91	9.09	0.91	9.09
Eggs.....	100	29.42	54.23	0.31	16.04
Honey.....	100	47.07	51.41	-	1.52
Wax.....	100	50	-	-	50
Sheep Hair.....	-	-	-	-	-
Skin.....	100	33.33	66.67	-	-
Hide.....	100	-	100	-	-
Arera.....	100	96.8	1.55*	0.31*	1.34*
Camel Meat.....	-	-	-	-	-

Table 2.7.13 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Dawro

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	37.04	0.91	0.71	61.33
Butter.....	100	52.3	43.73	0.65	3.32
Cheese.....	100	56.96	40.17	0.38	2.5
Beef.....	100	-	-	-	-
Mutton/Goat Meat....	100	86.82	8.64	-	4.55
Eggs.....	100	33.89	39.59	-	26.52
Honey.....	100	32.76	65.79	0.26	1.18
Wax.....	100	76.25	6.25	-	17.5
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	-	-	-
Hide.....	100	63.64	36.36	-	-
Arera.....	100	44.86	0.25*	0.76*	54.13*
Camel Meat.....	100	50	-	-	50

Table 2.7.14 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Basketo Special Wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	45.94	1.02	-	53.04
Butter.....	100	51.97	43.96	0.08	3.98
Cheese.....	100	45.09	54.91	-	-
Beef.....	100	17.5	82.5	-	-
Mutton/Goat Meat....	100	83.73	14.49	0.22	1.56
Eggs.....	100	36.03	27.46	0.05	36.46
Honey.....	100	43.65	48.24	4.46	3.65
Wax.....	100	83.33	-	-	16.67
Sheep Hair.....	-	-	-	-	-
Skin.....	100	50	50	-	-
Hide.....	100	20	80	-	-
Arera.....	100	72.69	1.71*	0.21*	25.38*
Camel Meat.....	-	-	-	-	-

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

Konta Special Wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	29.24	1.22	0.2	69.34
Butter.....	100	49.68	45.86	0.86	3.6
Cheese.....	100	52.92	46.41	0.3	0.37
Beef.....	100	-	-	-	-
Mutton/Goat Meat....	100	88.33	8.33	-	3.33
Eggs.....	100	30.89	20.82	-	48.29
Honey.....	100	42.73	56.36	-	0.91
Wax.....	100	60	15	-	25
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	100	50	50	-	-
Arera.....	100	42.2	3.16*	0.52*	54.12*
Camel Meat.....	-	-	-	-	-

Table 2.7.16 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Silitie

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	32.69	0.46	0.9	65.95
Butter.....	100	60.39	32.37	0.35	6.89
Cheese.....	100	61.64	34.21	0.45	3.7
Beef.....	100	100	-	-	-
Mutton/Goat Meat....	100	92.4	3.75	-	3.85
Eggs.....	100	33.6	28.32	0.24	37.85
Honey.....	100	50.81	46.94	0.32	1.94
Wax.....	100	70.63	16.88	-	12.5
Sheep Hair.....	-	-	-	-	-
Skin.....	100	33.33	66.67	-	-
Hide.....	100	21.63	69.9	-	8.47
Arera.....	100	32.72	-	0.41*	66.87*
Camel Meat.....	100	-	-	-	100

Table 2.7.17 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Alaba Special Wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	43.18	0.12	0.98	55.71
Butter.....	100	71.34	23.93	0.67	4.05
Cheese.....	100	72.42	25.23	0.37	1.98
Beef.....	100	93.22	-	-	6.78
Mutton/Goat Meat....	100	93.7	-	-	6.3
Eggs.....	100	37.95	16.46	-	45.59
Honey.....	100	46.74	48.48	0.87	3.91
Wax.....	100	30	-	-	70
Sheep Hair.....	-	-	-	-	-
Skin.....	100	38.46	23.08	-	38.46
Hide.....	100	40	46.67	-	13.33
Arera.....	100	46.38	0.43*	0.06*	53.13*
Camel Meat.....	-	-	-	-	-

Table 2.7.18 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Segen People

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	43.22	0.21	0.45	56.12
Butter.....	100	70.09	26.68	0.33	2.9
Cheese.....	100	100	-	-	-
Beef.....	100	36.67	62.5	-	0.83
Mutton/Goat Meat....	100	89.94	5.77	1.73	2.56
Eggs.....	100	28.64	39.52	0.1	31.74
Honey.....	100	31.67	65.69	1.11	1.53
Wax.....	100	76.43	20.71	2.14	0.71
Sheep Hair.....	-	-	-	-	-
Skin.....	100	75	25	-	-
Hide.....	100	80.12	17.26	-	2.62
Arera.....	100	83.71	11.17*	0.83*	4.3*
Camel Meat.....	-	-	-	-	-

Table 2.8 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Gambela Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	67.27	11.15	0.04	21.54
Butter.....	100	74.4	22.02	-	3.58
Cheese.....	100	78.02	17.13	-	4.85
Beef.....	100	43.2	26.41	-	30.39
Mutton/Goat Meat....	100	66.25	15.65	0.24	17.87
Eggs.....	100	28.65	29.89	0.07	41.4
Honey.....	100	28.97	66.53	0.61	3.89
Wax.....	100	72.06	15.44	-	12.5
Sheep Hair.....	-	-	-	-	-
Skin.....	100	78.96	5.66	-	15.38
Hide.....	100	43.41	45.68	-	10.92
Arera.....	100	44.19	0.64*	-	55.17*
Camel Meat.....	100	10	50	-	40

Table 2.8.1 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Agnuwak

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	59.39	9.85	-	30.77
Butter.....	100	60.91	37.66	-	1.43
Cheese.....	100	55.49	40.56	-	3.96
Beef.....	100	54.17	34.17	-	11.67
Mutton/Goat Meat....	100	85.21	11.04	-	3.75
Eggs.....	100	19.16	21.03	0.27	59.54
Honey.....	100	24.93	68.62	0.58	5.87
Wax.....	100	37.5	62.5	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	100	88.89	-	-	11.11
Arera.....	100	43.75	0.53*	-	55.72*
Camel Meat.....	-	-	-	-	-

Table 2.8.2 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Nuware

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	82.64	11.14	0.08	6.14
Butter.....	100	77.13	12.13	-	10.74
Cheese.....	100	80	1.5	-	18.5
Beef.....	100	46.83	19.02	-	34.15
Mutton/Goat Meat....	100	49.59	16.4	-	34.01
Eggs.....	100	24.49	49.58	-	25.93
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	90.88	-	-	9.12
Hide.....	100	79.18	-	-	20.82
Arera.....	100	83.75	-	-	16.25*
Camel Meat.....	-	-	-	-	-

Table 2.8.3 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Mezhenger

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	46.9	2.53	-	50.56
Butter.....	100	79.22	18.4	-	2.38
Cheese.....	100	85.52	10.62	-	3.86
Beef.....	100	18	65.67	-	16.33
Mutton/Goat Meat....	100	78.33	16.08	0.54	5.05
Eggs.....	100	39.6	17.21	-	43.18
Honey.....	100	32.87	64.92	0.66	1.56
Wax.....	100	82.69	0.96	-	16.35
Sheep Hair.....	-	-	-	-	-
Skin.....	100	6.67	40	-	53.33
Hide.....	100	5.49	92.86	-	1.65
Arera.....	100	33.86	-	-	66.14*
Camel Meat.....	-	-	-	-	-

Table 2.8.4 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Itang Special

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	52.83	42.39	-	4.79
Butter.....	100	8.33	90	-	1.67
Cheese.....	-	-	-	-	-
Beef.....	-	-	-	-	-
Mutton/Goat Meat....	-	-	-	-	-
Eggs.....	100	31.01	29.69	-	39.3
Honey.....	100	70	20	-	10
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	-	-	-	-	-
Arera.....	100	28.33	63.33*	-	8.33*
Camel Meat.....	100	10	50	-	40

Table 2.9 Livestock Product percent of Utilization-Private peasant Holders, 2012/13 (2005 E.C)

Harai Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	59.62	33.46	0.53	6.39
Butter.....	100	93.13	6.25	-	0.63
Cheese.....	-	-	-	-	-
Beef.....	100	16.25	-	-	83.75
Mutton/Goat Meat....	100	60.93	1.36	-	37.71
Eggs.....	100	36.42	30.16	-	33.43
Honey.....	100	67.08	15.42	-	17.5
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	30.77	-	-	69.23
Hide.....	100	26.32	2.63	-	71.05
Arera.....	100	95.38	-	-	4.62*
Camel Meat.....	-	-	-	-	-

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

Dire Dawa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	59.62	33.46	0.53	6.39
Butter.....	100	93.13	6.25	-	0.63
Cheese.....	-	-	-	-	-
Beef.....	100	16.25	-	-	83.75
Mutton/Goat Meat....	100	60.93	1.36	-	37.71
Eggs.....	100	36.42	30.16	-	33.43
Honey.....	100	67.08	15.42	-	17.5
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	30.77	-	-	69.23
Hide.....	100	26.32	2.63	-	71.05
Arera.....	100	95.38	-	-	4.62*
Camel Meat.....	-	-	-	-	-

APPENDIX I
ESTIMATION PROCEDURES OF TOTALS, RATIOS AND
SAMPLING ERRORS

The following formulas were used to estimate total area of land under specific crop, production and yield of specific crop in a stratum.

1. For estimating Total Area of Land under Specific Crop:

$$\hat{A}_h = \sum_{i=1}^{n_h} W_{hi} \sum_{j=1}^{h_{hi}} a_{hij} = \sum_{i=1}^{n_h} W_{hi} a_{hi}$$

in which, $W_{hi} = \frac{M_h H_{hi}}{n_h m_{hi} h_{hi}}$ is the basic weight.

Where:

- h represents the stratum
- n_h is the total number of sample EAs successfully covered in the h^{th} stratum.
- M_h is the measure of size of the h^{th} stratum as obtained from the sampling frame.
- m_{hi} is the measure of size of the i^{th} sample EA in the h^{th} stratum obtained from the sampling frame.
- H_{hi} is the total number of agricultural households of the i^{th} sample EA in the h^{th} stratum.
- h_{hi} is the number of sample agricultural households successfully covered in the i^{th} sample EA in the h^{th} stratum.
- a_{hij} is the value of area for agricultural household j , in the i^{th} EA in the h^{th} stratum under a specific crop.
- a_{hi} is the sample total area under specific crop for EA i in stratum h
- \hat{A}_h estimate of total area under specific crop in stratum h

2. For estimating Total Production under Specific Crop:

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

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

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

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

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

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

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

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

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

4. For estimating ratios in stratum h

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

Where,

\hat{Z}_h and \hat{X}_h are estimates of domain totals for characteristic Z and X , respectively.

5. Sampling Variance of Estimates:

Sampling variance for the estimate of stratum total of area, production and yield for a specific crop are estimated by the following formulas.

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

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

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

Where,

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

f_h = average first stage probability of selection of EAs within stratum h .

$f_{hi} = \frac{h_{hi}}{H_{hi}}$ = average second stage probability of selection within the i^{th} sample EA in stratum h .

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

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

Since all strata are independent, the total variance at regional and country level is computed by aggregating the result obtained at Zone/Special Wereda level, i.e.

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

Where, L is the number of strata (Zone/Special Wereda).

In estimating the sampling variance by the above formula, selection of EAs within a stratum is assumed to be with replacement. By so doing the variance estimate may be slightly over estimated but it greatly simplifies the estimation procedure.

5. Coefficient of Variation (CV) of Estimates:

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

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

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

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

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

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


APPENDIX II
QUESTIONNAIRE

CENTRAL STATISTICAL AGENCY
ETHIOPIAN AGRICULTURAL SAMPLE SURVEY 2012/13 (2005 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.

