THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA

CENTRAL STATISTICAL AGENCY

AGRICULTURAL SAMPLE SURVEY

2010/2011 (2003 E.C)

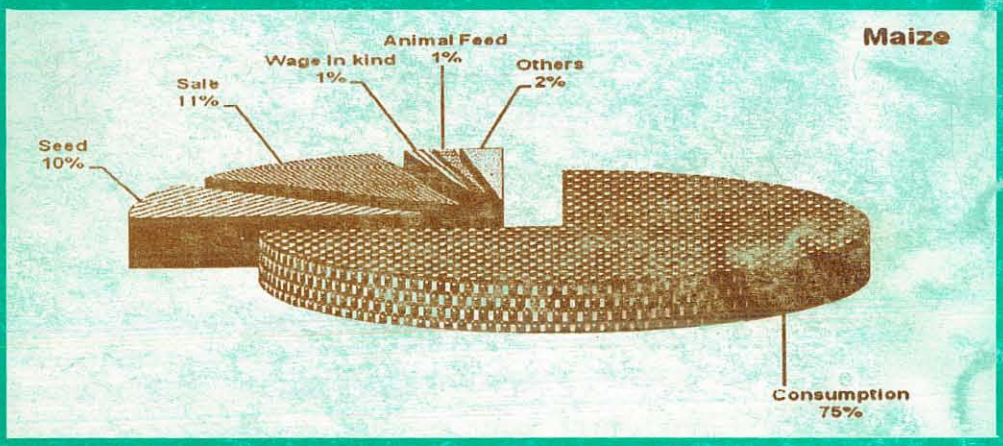
(September-January 2010/11)

VOLUME VII

REPORT ON

CROP AND LIVESTOCK PRODUCT UTILIZATION

(PRIVATE PEASANT HOLDINGS, MEHER SEASON)



ADDIS ABABA

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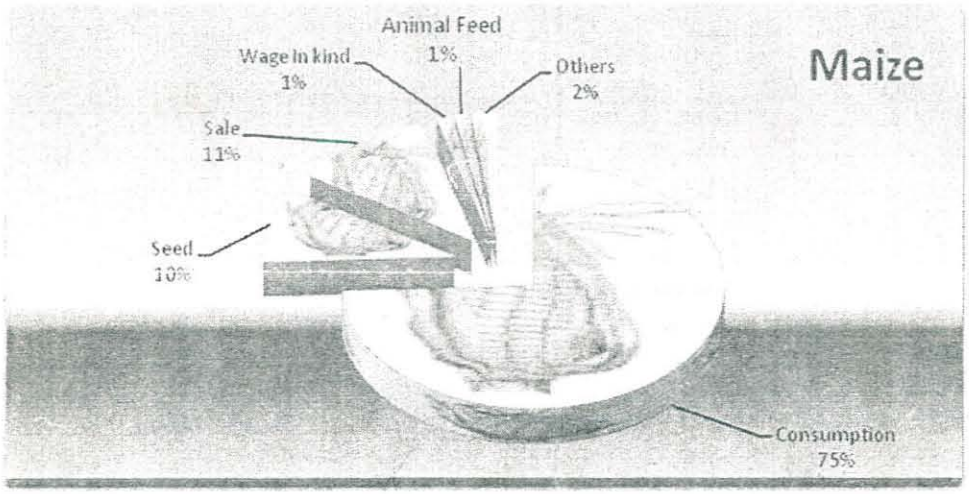
VOLUME VII

REPORT ON

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CROP AND LIVESTOCK PRODUCT UTILIZATION

(PRIVATE PEASANT HOLDINGS, MEHER SEASON)



ADDIS ABABA

June, 2011

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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 2010/11 (2003 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 2010/11 (2003 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 2010/11 (2003 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 2,280 Enumeration Areas (EAs) were selected. However, due to various reasons that are beyond control, in 44 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,236 EAs (98.07 %) throughout the regions. The Annual Agricultural Sample survey (Meher season) was conducted on the basis of 20 agricultural households selected from each EA. Regarding the ultimate sampling units, it was intended to cover a total of 45,600 agricultural households, however, 44,871 (98.40 %) 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 2010/11 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. Distribution

of sampling units (sampled and covered EAs and households) by stratum is also presented in Appendix-III.

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 25 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 questionnajres 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 2394 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 Ambo 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- five 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 2010/9/11 (2003 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 with out the help of others, operates land and/or raises livestock in his/ her own right, i.e. the person who decides on which, where, when, and how to grow crops or raise livestock or both and has the right to determine the utilization of the products.

Parcel: - a parcel of holding is any piece of land entirely surrounded by land and/or water and/or road and/or forest etc., which is not part of the holding. It may consist of one or more cadastral units, plots or fields adjacent to each other.

Field: - a field is defined as any plot of land which is a parcel or part of a parcel under the same or mixed crops or any other form of land use (private holding)

Crop: includes cereals, pulses, oilseeds, vegetables, root crops, fruits, coffee, Enset, Chat, hops, sugarcane, cotton, tobacco, etc produced for food, making drinks, stimulation and making fabrics or clothing.

Crop production: - the process of growing and harvesting of the above crops for own consumption and/or sale.

Temporary/Annual Crops: - Annual/temporary crops are crops, which are grown in less than a year's time, sometimes only a few months with an objective to sow or replant again for additional production following the current harvest. Continuously

grown crops planted in rotation are also considered as temporary crops since each is harvested and destroyed by ploughing in preparation for each successive crop.

Permanent (Perennial) Crops: - Crops, which are grown and occupy land for a long period of time, not requiring replanting for several years after each harvest, are considered as permanent crops. All fruit trees (i.e. oranges, mandarin, bananas, etc) and trees for beverages (i.e. coffee, tea, hops (Gesho), etc) are considered permanent crops but meadows and pastures are excluded.

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

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 2010/11 (2003 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 65 per cent of the cereals produced were used for household consumption. Nearly 16 per cent and 14 per cent were used for sale and seed, respectively. The remaining 5 per cent of the cereals produced was used for other purposes like wages, animal feed, etc. When the utilization is considered by type of crops, it is easy to realize that between 52 per cent and 74 per cent of the crops in the cereals group were used for own consumption and between 11 per cent and 29 per cent of these crops were used for sale. Moreover, between 10 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, nearly 16 per cent for seed and about 21 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 38 per cent and 67 per cent of the crops were utilized for household consumption and between 17 per cent and 38 per cent of crop were utilized for sale in the same crops in the same group were sold in 2010/11 (2003 E.C.). Moreover, between 11 per cent and 22 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 32 per cent, 12 per cent and nearly 53 per cent were used for household consumption, sale, and seed, respectively. Taking utilization by crop type into account, between 16 per cent and nearly 63 per cent of each crop type in the oilseeds category were used for household consumption, between 21 percent and nearly 70 per cent for sale and about 7-18 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 57percent – about 85 percent for household consumption, nearly 13 per cent – 40 per cent for sale and about 1 –2 per cent for seed. For details, refer to Summary Table 1. The regional pattern of vegetable utilization is found out to be about the same as the country level in most

of the regions demonstrated in the statistical tables, except in Somali, Harari and Dire Dawa.

The utilization of root crops is not much different from that of cereals as indicated in the Summary Table 1. More than 73 percent of the root crops were used for household consumption, about 15 percent for sale and 9 per cent for seed. The ranges of percent utilized by crop type within the root crops category fall between 51 per cent – 82 percent for consumption, 6 percent – 37 percent for sale and about 1 -20 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 39 percent for sale. The utilization by crop type within the permanent crop group ranges between about 33 percent and 83 percent for household consumption and between about 10 percent and 60 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

Types Crop	Total Production (Quintals)	Percent Utilized for					
		Household Consumption	Sale	Seed	Wages in Kind	Animal Feed	Others
Grain Crops	203,485,288.33	61.52	14.18	20.17	1.73	0.48	1.92
Cereals	177,613,365.84	65.32	13.84	16.24	1.8	0.59	2.21
Pulses	19,531,935.01	60.18	15.97	20.79	1.46	0.28	1.33
Oilseeds	6,339,987.49	32.21	12.38	52.54	1.86	0.05	0.95
Vegetables	6,756,055.79	78.5	1.07	18.49	0.36	0.07	1.50
Root Crops	19,155,610.11	73.21	9.47	14.74	0.27	1.26	1.04
Permanent crops	29,706,010.70	56.22	0.76	38.71	0.67	0.93	2.70

Figure 1: Percent Grain Crops Utilized

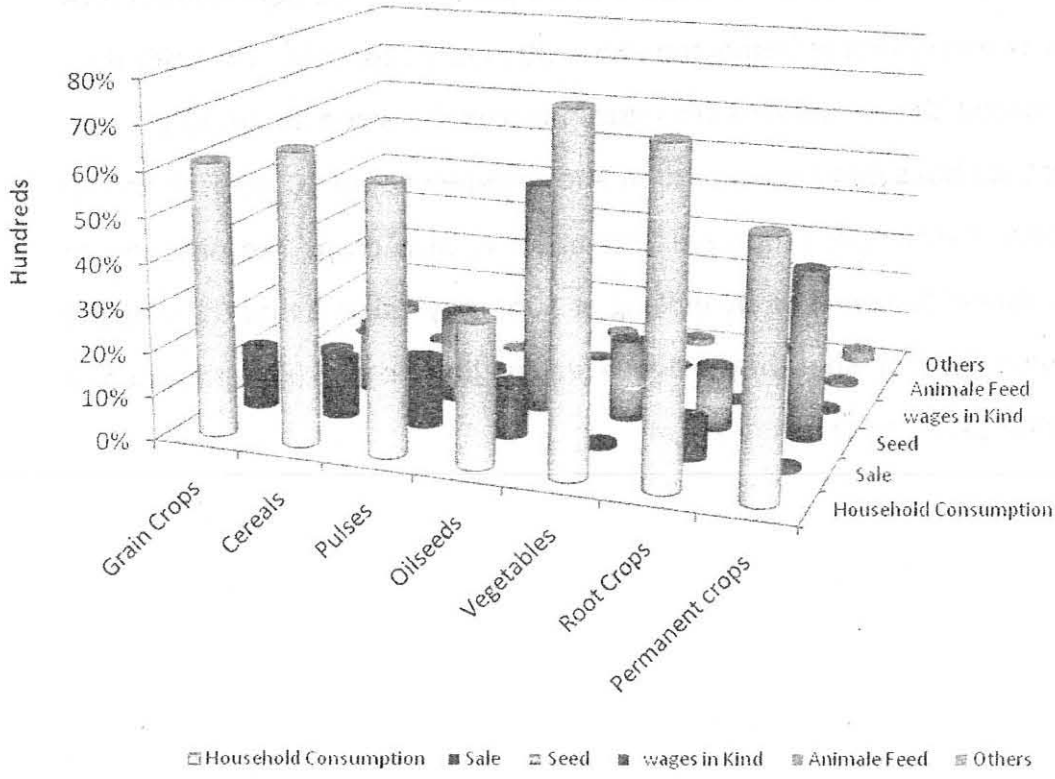


TABLE 1- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Ethiopia

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	203,485,288.33	61.52	14.18	20.17	1.73	0.48	1.92
Cereals	177,613,365.84	65.32	13.84	16.24	1.8	0.59	2.21
Teff	34,834,826.26	51.71	15.19	28.63	2.38	0.18	1.91
Barley	17,033,465.36	63.18	20.66	12.06	1.44	0.74	1.92
Wheat	28,556,817.43	57.68	18.67	19.64	1.6	0.13	2.27
Maize	49,861,254.95	74.41	9.66	11.41	1.29	1.02	2.21
Sorghum	39,598,973.86	73.04	10.79	10.78	2.07	0.65	2.67
Finger millet	6,348,257.88	69.35	11.46	13.65	2.49	0.63	2.42
Oats "Aja"	475,650.57	60.3	24.12	12.91	1.32	0.53	0.82
Rice	904,119.53	53.46	14.49	29.4	1.02	0.01	1.62
Pulses	19,531,935.01	60.18	15.97	20.79	1.46	0.28	1.33
Horse beans	6,977,983.87	63.67	15.85	17.46	1.39	0.04	1.58
Field peas	2,570,314.09	57.27	18.14	20.87	2.05	0.06	1.6
Haricot beans	3,402,795.18	67.33	13.53	17.08	0.96	0.17	0.94
Chick – peas	3,228,388.27	56.75	16.76	22.53	2.35	0.24	1.36
Lentils	809,517.33	37.84	21.62	37.8	1.41	0.12	1.2
Vetch	2,009,485.58	51.89	15.18	26.71	1.85	3.06	1.3
Soya beans	158,244.22	52.66	12.43	32.68	0.54	0.92	0.77
Fenugreek	179,052.29	48.2	17.55	32.64	0.67	0.16	0.77
Gibto	196,154.18	48.62	11.38	38.07	1.45	-	0.48
Oilseeds	6,339,987.49	32.21	12.38	52.54	1.86	0.05	0.95
Neug	1,448,474.82	23.48	12.18	61.12	2.36	0.02	0.84
Linseed	654,205.76	57.82	14.81	25.34	1.24	0.03	0.75
Groundnuts	716,068.37	28.88	17.95	49.46	2.22	0.01	1.48
Safflower	50,667.88	62.74	12.84	21.49	1.28	0.13	1.51
Sesame	3,277,409.22	16.29	10.74	69.72	2.18	0.1	0.98
Rapeseed	193,161.43	49.55	6.62	42.53	0.49	0.04	0.77
Vegetables	6,756,055.79	78.5	1.07	18.49	0.36	0.07	1.5
Lettuce	2,029.02	72.06	1.76	22.35	-	2.94	0.88
Head cabbage	194,634.78	73.94	0.81	24.05	0.21	0.3	0.69
Ethiopian cabbage	3,316,365.11	84.56	0.83	12.59	0.17	0.07	1.78
Tomatoes	556,351.41	57.02	1.03	39.88	0.15	-	1.93
Green peppers	577,726.84	81.38	0.62	16.36	0.12	0.07	1.45
Red peppers	2,098,721.25	70.58	1.64	25.77	0.81	0.02	1.18
Swiss chard	10,227.39	80.98	1.06	16.7	-	0.11	1.15
Root Crops	19,155,610.11	73.21	9.47	14.74	0.27	1.26	1.04
Beetroot	144,293.51	75.24	0.42	23.01	0.13	-	1.2
Carrot	123,457.63	62.99	1.34	34.13	0.27	0.11	1.16
Onion	2,369,221.60	51.46	9.55	37.28	0.75	-	0.95
Potatoes	4,473,334.87	65.1	20.18	13.85	0.32	0.02	0.53
Garlic	1,284,409.36	64.28	14.23	20.92	0.09	-	0.47
Taro / 'Godere'	3,397,399.42	80.33	11.5	6.37	0.29	0.25	1.26
Sweet potatoes	7,363,493.72	82.46	0.73	10.94	0.21	4.24	1.42
Permanent crops	29,706,010.70	56.22	0.76	38.71	0.67	0.93	2.7
Avocados	572,989.66	54.61	0.51	42.56	0.23	0.35	1.74
Bananas	2,705,715.16	49.12	0.51	47.5	0.19	0.31	2.37
Guavas	30,143.07	63.47	0.69	29.09	0.05	0.03	6.66
Lemons	45,929.27	34.79	1.32	58.13	0.26	0.01	5.5
Mangoes	656,516.76	58.6	0.37	36.94	0.23	0.05	3.82
Oranges	439,792.40	55.04	0.48	40.77	0.05	0.05	3.61
Papayas	402,453.64	74.77	0.23	22.54	0.06	0.07	2.33
Pineapples	9,220.17	56.34	0.18	41.34	-	-	2.14
Chat	2,030,854.17	32.81	1.12	60.19	0.58	0.04	5.26
Coffee	3,705,694.44	48.08	0.74	48.65	1.07	0.04	1.41
Hops (Gesho)	280,861.18	55.5	0.63	41.54	0.24	0.04	2.06
Enset	6,948,102.45	83.12	0.87	9.9	1.21	2.42	2.48
Sugar cane	11,877,738.33	49.34	1.32	40.19	0.43	5.82	2.9

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	14,634,221.61	65.29	12.85	18.36	0.71	0.64	2.14
Cereals	13,093,564.92	70.03	13.18	12.91	0.77	0.73	2.38
Teff	2,095,066.76	64.17	13.7	18.79	0.63	0.37	2.33
Barley	1,633,857.76	66.38	19.63	11.18	0.61	0.35	1.84
Wheat	1,925,079.14	64.29	18.1	14.57	0.7	0.1	2.24
Maize	1,498,527.18	79.96	9.14	6.84	0.61	1.54	1.9
Sorghum	4,663,940.47	72.01	10.97	12.35	0.93	0.83	2.92
Finger millet	1,241,030.18	68.34	10.98	15.53	1.23	0.73	3.19
Oats "Aja"	2,791.96	15	10	75	-	-	-
Rice	33,271.47	47.5	11.57	37.71	0.36	-	2.86
Pulses	515,320.30	65.14	13.19	19.71	0.46	0.28	1.21
Horse beans	175,630.70	67.98	12.18	17.76	0.46	0.26	1.36
Field peas	43,310.94	61.64	17.95	18.95	0.66	0.1	0.71
Haricot beans	24,427.95	71.04	9.57	18.36	0.06	-	0.96
Chick – peas	93,336.09	59.28	12.54	24.14	0.9	0.44	2.7
Lentils	60,360.98	56.17	17.17	26.06	0.1	-	0.51
Vetch	114,689.45	69.69	11.98	17.02	0.54	-	0.77
Soya beans	-	-	-	-	-	-	-
Fenugreek	3,564.20	60.12	12.44	25	-	2.44	-
Gibto	-	-	-	-	-	-	-
Oilseeds	1,025,336.39	23.05	9.49	65.53	0.53	0.32	1.07
Neug	62,350.20	41.16	10.55	45.24	0.55	0.36	2.14
Linseed	76,430.76	50.93	9.93	37.47	0.14	0.19	1.35
Groundnuts	137.72	30	9.5	60.5	-	-	-
Safflower	1,799.52	83.62	6.54	7.31	-	-	2.54
Sesame	884,596.87	5.95	9.2	83.12	0.7	0.33	0.7
Rapeseed	21.31	90	3.33	-	-	6.67	-
Vegetables	193,995.34	78.23	1.76	17.02	0.54	0.52	1.93
Lettuce	118.16	46.67	-	53.33	-	-	-
Head cabbage	14,089.52	55.45	-	35.45	-	9.09	-
Ethiopian cabbage	96.99	100	-	-	-	-	-
Tomatoes	37,551.49	51.47	1.98	45.98	-	-	0.58
Green peppers	86,853.23	78	1.68	17.42	0.85	0.88	1.18
Red peppers	54,040.56	83.84	1.91	11.02	0.55	0.16	2.52
Swiss chard	1,245.38	55.38	-	43.38	-	1.25	-
Root Crops	269,901.80	65.33	4.39	29.91	-	-	0.37
Beetroot	1,490.20	-	-	-	-	-	-
Carrot	37,699.36	-	-	100	-	-	-
Onion	75,619.48	56.33	2.88	40.8	-	-	-
Potatoes	54,533.38	72.12	5.6	21.48	-	-	0.8
Garlic	100,519.32	68.48	4.81	26.27	-	-	0.43
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	40.07	-	-	-	-	-	-
Permanent crops	71,888.03	49.68	1	47.89	0.36	-	1.07
Avocados	-	-	-	-	-	-	-
Bananas	2,816.65	38.18	-	61.36	-	-	0.45
Guavas	1,054.12	44.76	2.76	51.1	-	-	1.38
Lemons	987.12	34.38	-	64.38	-	-	1.25
Mangoes	847.47	45	-	55	-	-	-
Oranges	4,121.24	27.91	-	72.09	-	-	-
Papayas	5,355.88	42.31	-	57.31	-	-	0.38
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	56,705.54	53.59	1.14	43.49	0.55	-	1.23
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	3,430,190.92	63.78	9.89	19.86	1.38	1.61	3.47
Cereals	3,110,831.57	69.25	10.21	13.7	1.42	1.78	3.64
Teff	353,772.66	64.83	11.63	17.38	1.11	1.21	3.84
Barley	3,434.95	58.75	8.75	24	3.5	1.5	3.5
Wheat	1,658.13	87.5	6.25	6.25	-	-	-
Maize	621,102.07	76.73	9.37	6.99	1.37	2.62	2.92
Sorghum	1,449,287.34	69.6	10.06	13.61	1.32	1.54	3.87
Finger millet	681,233.44	64.22	10.25	18.13	1.73	1.49	4.17
Oats "Aja"	-	-	-	-	-	-	-
Rice	342.99	50	25	25	-	-	-
Pulses	60,277.56	69.22	7.76	17.19	1.51	0.89	3.43
Horse beans	27,682.30	73	7.13	13.4	2	0.87	3.6
Field peas	396.92	37	9	36	10	2	6
Haricot beans	1,191.85	70	7.91	17.73	0.27	-	4.09
Chick – peas	30,017.87	66.04	8.7	21.15	0.17	1.06	2.87
Lentils	-	-	-	-	-	-	-
Vetch	988.62	78.5	5	16.5	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	259,081.80	17.37	8.8	69.81	1	0.85	2.17
Neug	38,665.70	39.4	8.71	47.36	0.48	0.48	3.57
Linseed	5,221.41	41.71	7.52	45.62	0.38	0.24	4.52
Groundnuts	53.03	5	5	90	-	-	-
Safflower	22.5	100	-	-	-	-	-
Sesame	215,119.16	6.91	9.1	80.23	1.26	1.06	1.44
Rapeseed	-	-	-	-	-	-	-
Vegetables	84,793.82	78.65	2.3	15.23	0.77	0.5	2.55
Lettuce	6.41	15	-	85	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	8,678.99	38.33	-	61.67	-	-	-
Green peppers	47,410.93	82.89	3.84	5.32	2.42	2.5	3.03
Red peppers	28,392.49	81.18	2.2	13.2	0.56	0.21	2.65
Swiss chard	305	7.5	-	92.5	-	-	-
Root Crops	1,760.12	77.27	0.91	20.91	-	-	0.91
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	457.36	30	-	70	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	1,302.76	87.78	1.11	10	-	-	1.11
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	21,517.69	63.85	-	33.87	0.36	-	1.91
Avocados	-	-	-	-	-	-	-
Bananas	247.1	95	-	5	-	-	-
Guavas	192.94	75	-	25	-	-	-
Lemons	152.6	10	-	80	-	-	10
Mangoes	121.28	90	-	10	-	-	-
Oranges	2,283.64	-	-	-	-	-	-
Papayas	2,643.24	90	-	10	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	15,876.89	60.57	-	36.82	0.45	-	2.16
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	3,953,975.15	73.41	13.03	11.89	0.42	0.3	0.95
Cereals	3,747,213.18	73.96	13.66	10.45	0.5	0.32	1.12
Teff	890,048.03	67.38	16.41	14.61	0.43	0.18	1
Barley	317,097.55	72.98	17.87	8.05	0.21	0.43	0.44
Wheat	518,553.16	70.25	13	15.58	0.19	0.38	0.59
Maize	493,368.42	81.94	10.42	5.93	0.36	0.59	0.76
Sorghum	1,295,184.66	74.01	12.63	10.4	0.88	0.24	1.83
Finger millet	232,961.36	76.64	11.65	8.63	0.92	-	2.17
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	147,480.72	74.09	9.78	15.79	-	0.17	0.17
Horse beans	80,094.94	81.21	9.14	9.14	-	0.3	0.21
Field peas	2,024.92	75	21.67	3.33	-	-	-
Haricot beans	17,791.11	71.13	10.13	18.75	-	-	-
Chick – peas	15,986.80	56.79	8.14	35.07	-	-	-
Lentils	11,289.68	64.32	10.36	25.32	-	-	-
Vetch	17,091.95	66.35	11.65	21.25	-	-	0.75
Soya beans	-	-	-	-	-	-	-
Fenugreek	3,201.32	56.35	9.62	34.04	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	59,281.25	58.46	10.23	31	0.12	0.19	-
Neug	1,375.10	75.79	8.5	15.71	-	-	-
Linseed	39,188.88	60.72	9.81	29	0.19	0.28	-
Groundnuts	-	-	-	-	-	-	-
Safflower	1,308.69	45	5	50	-	-	-
Sesame	17,408.58	29.55	15.45	55	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	22,774.89	86.29	0.33	12.6	-	-	0.78
Lettuce	29.1	-	-	-	-	-	-
Head cabbage	7,743.57	70	-	30	-	-	-
Ethiopian cabbage	30.05	-	-	-	-	-	-
Tomatoes	3,460.23	75	-	20	-	-	5
Green peppers	7,836.46	89.07	0.19	10.37	-	-	0.37
Red peppers	3,156.98	98.75	1.25	-	-	-	-
Swiss chard	518.49	33	-	67	-	-	-
Root Crops	70,546.49	58.24	4.87	36.89	-	-	-
Beetroot	1,356.15	-	-	-	-	-	-
Carrot	27,192.86	-	-	-	-	-	-
Onion	7,671.06	58	9.5	32.5	-	-	-
Potatoes	3,728.49	62.17	0.83	37	-	-	-
Garlic	30,597.93	57.27	3.86	38.86	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	24,502.50	45.85	1.42	51.62	-	-	1.12
Avocados	-	-	-	-	-	-	-
Bananas	100.61	45	-	55	-	-	-
Guavas	101.57	40.5	-	56.5	-	-	3
Lemons	486.74	48.33	-	51.67	-	-	-
Mangoes	709.26	-	-	-	-	-	-
Oranges	1,398.16	60.67	-	39.33	-	-	-
Papayas	510.82	60	-	40	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	21,195.35	43.13	2.83	53.63	-	-	0.4
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	1,720,766.80	66.29	16.6	14.24	0.62	0.29	1.97
Cereals	1,551,145.70	67.08	16.96	12.92	0.63	0.25	2.16
Teff	140,976.12	62.28	13.21	21.81	0.75	-	1.95
Barley	593,793.91	65.91	21.37	9.89	0.42	0.38	2.03
Wheat	531,583.43	63.02	19.9	13.76	0.79	-	2.53
Maize	77,976.61	79.95	10.64	7.5	0.07	1.13	0.71
Sorghum	95,793.90	74.51	10.89	9.95	0.89	-	3.76
Finger millet	107,889.33	65.84	14.05	16.66	1.13	-	2.32
Oats "Aja"	-	-	-	-	-	-	-
Rice	3,132.40	-	-	-	-	-	-
Pulses	150,925.92	63.32	15.83	18.33	0.7	0.41	1.42
Horse beans	22,609.64	61.64	17.29	19.06	0.25	-	1.76
Field peas	14,663.03	68.92	12.97	17.43	-	-	0.68
Haricot beans	42.61	100	-	-	-	-	-
Chick – peas	33,475.69	52.44	19.72	20.44	3.8	-	3.6
Lentils	8,734.08	63.33	14.52	22.14	-	-	-
Vetch	71,061.33	64.29	14.39	19.18	1.02	-	1.12
Soya beans	-	-	-	-	-	-	-
Fenugreek	339.52	76.82	13.64	0.45	-	9.09	-
Gibto	-	-	-	-	-	-	-
Oilseeds	18,695.18	61.77	11.49	26.32	-	0.43	-
Neug	76.92	87.5	12.5	-	-	-	-
Linseed	18,043.92	59.58	11.55	28.88	-	-	-
Groundnuts	84.69	-	18	82	-	-	-
Safflower	468.34	75	25	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	21.31	90	3.33	-	-	6.67	-
Vegetables	19,036.01	52.98	0.11	44.42	-	2.44	0.04
Lettuce	61.43	25	-	75	-	-	-
Head cabbage	3,372.46	26	-	54	-	20	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	12,128.84	50.93	-	49.07	-	-	-
Green peppers	2,260.50	55.89	-	44	-	-	0.11
Red peppers	836.36	96.67	1.67	1.67	-	-	-
Swiss chard	376.42	65	-	31.67	-	3.33	-
Root Crops	34,964.43	60.29	5.86	33.29	-	-	0.57
Beetroot	134.05	-	-	-	-	-	-
Carrot	404.8	-	-	100	-	-	-
Onion	4,784.65	65.71	0.71	33.57	-	-	-
Potatoes	28,244.31	53.75	14.38	29.38	-	-	2.5
Garlic	1,396.61	63.33	6.67	30	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	10,132.46	56.25	2.88	38.94	0.96	-	0.96
Avocados	-	-	-	-	-	-	-
Bananas	5.21	-	-	-	-	-	-
Guavas	639.18	52.55	7.27	40.18	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	195.65	12.5	-	87.5	-	-	-
Papayas	20.72	10	-	90	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	9,271.70	61.38	2.06	33.62	1.47	-	1.47
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	3,351,409.46	64.19	15.6	17.1	0.6	0.01	2.5
Cereals	3,212,861.01	66.01	15.5	15.02	0.67	0.01	2.78
Teff	645,228.23	59.54	12.88	24.11	0.5	-	2.96
Barley	698,762.38	63.64	20.39	12.55	0.97	0.03	2.42
Wheat	859,689.07	61.64	19.76	14.58	0.97	0.01	3.04
Maize	186,136.44	83.03	7.96	6.65	0.32	-	2.04
Sorghum	811,811.58	68.58	12.64	14.84	0.42	-	3.52
Finger millet	8,441.34	71	14.75	14.25	-	-	-
Oats "Aja"	2,791.96	15	10	75	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	126,004.23	56.23	18.24	24.5	0.29	-	0.74
Horse beans	34,957.60	52.71	16.79	29.02	0.45	-	1.03
Field peas	24,426.54	55.91	23.26	20.17	0.33	-	0.33
Haricot beans	5,103.59	66.33	9.44	24.22	-	-	-
Chick – peas	10,075.77	53.78	14.39	30	-	-	1.83
Lentils	25,869.83	42.12	25.6	31.05	0.23	-	1
Vetch	25,547.54	77.1	9.79	12.59	0.26	-	0.26
Soya beans	-	-	-	-	-	-	-
Fenugreek	23.36	38.75	27.5	33.75	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	12,544.23	50.83	9.32	37.65	0.11	0.07	2.01
Neug	-	-	-	-	-	-	-
Linseed	10,190.32	45.48	10.66	41.66	0.14	0.09	1.96
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	2,353.91	39	2	59	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	28,927.64	61.76	2.5	35.74	-	-	-
Lettuce	21.22	100	-	-	-	-	-
Head cabbage	2,973.50	100	-	-	-	-	-
Ethiopian cabbage	66.94	100	-	-	-	-	-
Tomatoes	9,255.17	40.56	9.44	50	-	-	-
Green peppers	15,290.54	58.93	-	41.07	-	-	-
Red peppers	1,274.82	52.5	-	47.5	-	-	-
Swiss chard	45.47	100	-	-	-	-	-
Root Crops	114,789.82	76.41	2.68	20.9	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	10,101.70	-	-	-	-	-	-
Onion	62,706.40	46.38	-	53.62	-	-	-
Potatoes	22,560.58	92	-	8	-	-	-
Garlic	19,381.07	89.44	6.11	4.44	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	40.07	-	-	-	-	-	-
Permanent crops	12,679.45	38.4	-	61.4	0.1	-	0.1
Avocados	-	-	-	-	-	-	-
Bananas	1,987.87	10	-	89	-	-	1
Guavas	49.41	27	-	73	-	-	-
Lemons	111.11	-	-	-	-	-	-
Mangoes	16.93	-	-	100	-	-	-
Oranges	86.76	-	-	100	-	-	-
Papayas	746.27	5	-	95	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	9,681.09	48.21	-	51.58	0.21	-	-
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	2,177,879.27	55.41	9.41	31.82	0.49	1	1.87
Cereals	1,471,513.46	73.6	9.15	12.95	0.52	1.43	2.34
Teff	65,041.73	66.26	12.43	19.87	-	0.11	1.32
Barley	20,768.97	53.21	12.29	28.36	-	2.5	3.64
Wheat	13,595.36	63.61	15.61	19.11	-	0.28	1.39
Maize	119,943.63	80.17	7.23	7.6	0.25	2.42	2.32
Sorghum	1,011,862.99	74.28	9.1	11.85	0.92	1.49	2.36
Finger millet	210,504.71	70.21	9.84	16.3	0.6	0.28	2.78
Oats "Aja"	-	-	-	-	-	-	-
Rice	29,796.08	41.67	10.22	47	-	-	1.11
Pulses	30,631.87	55.76	12.48	29.96	-	-	1.8
Horse beans	10,286.21	44.66	13.98	39.83	-	-	1.54
Field peas	1,799.53	69	10.4	20.6	-	-	-
Haricot beans	298.78	82.5	17.5	-	-	-	-
Chick – peas	3,779.96	58	15.4	21.6	-	-	5
Lentils	14,467.39	76.64	6.55	15.91	-	-	0.91
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	675,733.94	9.19	9.5	80.03	0.51	0.1	0.67
Neug	22,232.48	31.48	12.5	53.21	0.79	0.38	1.63
Linseed	3,786.23	30	7.22	59.44	-	0.56	2.78
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	649,715.22	4.21	9.14	85.73	0.49	0.03	0.4
Rapeseed	-	-	-	-	-	-	-
Vegetables	38,462.98	93.02	1.27	2.96	0.55	-	2.2
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	4,028.26	100	-	-	-	-	-
Green peppers	14,054.81	94.36	2.73	2.91	-	-	-
Red peppers	20,379.91	92.5	1.09	3.1	0.66	-	2.65
Swiss chard	-	-	-	-	-	-	-
Root Crops	47,840.94	58.95	6.14	33.77	-	-	1.14
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	47,840.94	56.35	5.25	37.15	-	-	1.25
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	3,055.93	31.76	-	66.18	0.59	-	1.47
Avocados	-	-	-	-	-	-	-
Bananas	475.86	-	-	-	-	-	-
Guavas	71.02	30	-	60	-	-	10
Lemons	236.67	30	-	70	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	157.03	25	-	75	-	-	-
Papayas	1,434.84	35	-	63.75	-	-	1.25
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	680.51	21.25	-	76.25	-	-	2.5
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 1.2- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Afar

Type of Crop	Total Production (Quintal)	Percent Utilized for: Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	148,669.03	64.03	9.07	18.99	3.03	0.67	4.21
Cereals	132,021.59	65.17	9.39	16.73	3.35	0.59	4.77
Teff	31,555.51	56.67	16.41	18.59	5.26	-	3.08
Barley	65.95	62.5	12.5	-	-	-	25
Wheat	-	-	-	-	-	-	-
Maize	53,962.63	63.08	7.42	22.65	2.1	0.57	4.18
Sorghum	46,437.50	76.27	9	1.91	5.09	1.09	6.64
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	5,438.01	51.18	8.29	36.84	1.97	0.13	1.58
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	5,021.12	48.38	8.97	39.85	2.21	0.15	0.44
Chick – peas	416.89	90	10	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	11,209.44	70.57	7.86	14.29	2.14	1.71	3.43
Neug	-	-	-	-	-	-	-
Linseed	15.89	10	-	-	-	-	90
Groundnuts	-	-	-	-	-	-	-
Safflower	644.35	80.71	15.71	-	3.57	-	-
Sesame	10,549.20	70.19	6.11	18.52	1.85	2.22	1.11
Rapeseed	-	-	-	-	-	-	-
Vegetables	6,803.85	56.74	2.21	30.7	2.44	-	7.91
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	3,487.09	35.38	3.85	50.77	2.31	-	7.69
Green peppers	300.51	58.89	2.22	27.78	1.11	-	10
Red peppers	3,016.25	76.67	0.42	13.33	4.58	-	5
Swiss chard	-	-	-	-	-	-	-
Root Crops	49,946.43	38.57	1.07	38.93	14.64	-	6.79
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	49,946.43	38.57	1.07	38.93	14.64	-	6.79
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	12,925.51	55.3	-	36.21	3.03	-	5.45
Avocados	-	-	-	-	-	-	-
Bananas	7,655.30	25.42	-	64.58	4.17	-	5.83
Guavas	-	-	-	-	-	-	-
Lemons	21.01	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	5,243.14	61.43	-	30	-	-	8.57
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	6.07	100	-	-	-	-	-
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	19,523.36	64.21	8.26	19.42	1.92	0.66	5.53
Cereals	19,523.36	63.84	8.49	19.8	1.99	0.63	5.26
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	16,414.52	60.53	7.67	24.19	2.29	0.69	4.63
Sorghum	3,108.83	80.67	13	-	0.67	0.33	5.33
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	4,031.61	38.28	3.28	45.52	1.9	-	11.03
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	3,487.09	30	4.17	55	2.5	-	8.33
Green peppers	-	-	-	-	-	-	-
Red peppers	544.52	56	1	32	1	-	10
Swiss chard	-	-	-	-	-	-	-
Root Crops	468.36	42.22	1.67	45	0.56	-	10.56
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	468.36	42.22	1.67	45	0.56	-	10.56
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	5,572.26	36.43	-	55	-	-	8.57
Avocados	-	-	-	-	-	-	-
Bananas	1,075.47	36.25	-	61.25	-	-	2.5
Guavas	-	-	-	-	-	-	-
Lemons	21.01	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	4,475.78	36.67	-	46.67	-	-	16.67
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	129,145.67	63.95	9.43	18.8	3.52	0.67	3.64
Cereals	112,498.23	66.01	9.96	14.78	4.21	0.58	4.46
Teff	31,555.51	56.67	16.41	18.59	5.26	-	3.08
Barley	65.95	75	25	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	37,548.11	66.19	7.12	20.76	1.86	0.42	3.64
Sorghum	43,328.67	74.63	7.5	2.63	6.75	1.38	7.13
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	5,438.01	49.14	8.86	39.29	2.14	-	0.57
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	5,021.12	47.27	9.09	41.06	2.27	-	0.3
Chick – peas	416.89	90	10	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	11,209.44	70.57	7.86	14.29	2.14	1.71	3.43
Neug	-	-	-	-	-	-	-
Linseed	15.89	10	-	-	-	-	90
Groundnuts	-	-	-	-	-	-	-
Safflower	644.35	80.71	15.71	-	3.57	-	-
Sesame	10,549.20	70.19	6.11	18.52	1.85	2.22	1.11
Rapeseed	-	-	-	-	-	-	-
Vegetables	2,772.24	95	-	-	3.57	-	1.43
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	300.51	98.33	-	-	-	-	1.67
Red peppers	2,471.74	91.43	-	-	7.14	-	1.43
Swiss chard	-	-	-	-	-	-	-
Root Crops	49,478.07	32	-	28	40	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	49,478.07	32	-	28	40	-	-
Potatoes	-	-	-	-	-	-	-
Permanent crops	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	7,353.25	60.38	-	31.15	3.85	-	4.62
Lemons	-	-	-	-	-	-	-
Mangoes	6,579.83	20	-	66.25	6.25	-	7.5
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	767.35	80	-	17.5	-	-	2.5
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	67,051,378.76	61.8	13.86	18.95	3.13	0.25	2
Cereals	57,024,269.56	66.58	13.13	14.45	3.29	0.23	2.32
Teff	12,791,077.03	57.54	12.82	23.41	4.07	0.07	2.08
Barley	4,307,415.54	66.27	20.34	8.04	2.5	0.47	2.39
Wheat	8,248,603.21	62.33	18.36	13.6	3.07	0.16	2.47
Maize	12,148,054.20	77.05	7.44	11.38	1.98	0.41	1.74
Sorghum	15,335,860.75	69.01	10.66	12.26	4.5	0.15	3.42
Finger millet	3,360,009.75	67.36	11.04	15.39	4.23	0.07	1.89
Oats "Aja"	73,404.43	64.5	24.32	6.81	3.71	0.21	0.45
Rice	759,844.65	57.6	14	26.38	-	-	2.02
Pulses	7,633,192.01	55.42	17.58	22.37	2.73	0.41	1.49
Horse beans	2,502,825.36	63.78	17.37	15.32	2.15	0.04	1.34
Field peas	913,252.40	62.02	17.81	15.38	3.05	0.13	1.61
Haricot beans	510,557.37	50.15	15.98	28.56	3.29	0.37	1.64
Chick – peas	1,776,946.36	57.93	17.44	18.61	4.03	0.17	1.82
Lentils	413,579.73	32	22.79	41.16	2.41	0.22	1.42
Vetch	1,172,435.18	49.46	15.42	27.29	2.99	3.03	1.81
Soya beans	31,442.28	48.08	6.08	45.85	-	-	-
Fenugreek	117,583.37	37.5	18.66	41.27	1.71	-	0.86
Gibto	194,569.95	46.21	11.86	40.12	1.56	-	0.25
Oilseeds	2,393,917.18	42.87	10.12	43.07	2.93	0.01	0.99
Neug	444,195.66	30.92	9.58	54.91	3.59	-	0.98
Linseed	143,925.55	65.01	13.6	18.93	1.95	0.01	0.51
Groundnuts	49,596.50	25.73	15.74	52.5	5.27	-	0.76
Safflower	40,502.22	61.63	11.54	23.45	1.63	0.18	1.58
Sesame	1,577,518.60	26.58	9.51	57.7	4.64	-	1.56
Rapeseed	138,178.65	44.38	3.71	50.55	0.75	-	0.61
Vegetables	866,718.79	83.92	1.06	13.33	0.84	-	0.86
Lettuce	758.87	79.44	-	19.44	-	-	1.11
Head cabbage	34,769.06	69.66	0.79	29.49	-	-	0.05
Ethiopian cabbage	71,762.53	88.94	1.84	7.79	0.19	-	1.25
Tomatoes	27,544.80	78.32	-	19.41	0.23	-	2.05
Green peppers	121,187.22	87.67	0.14	11.18	-	-	1.01
Red peppers	608,014.50	83.71	1.06	13.25	1.21	-	0.77
Swiss chard	2,681.82	77.3	3	18.77	-	-	0.93
Root Crops	3,509,230.22	65.93	11.66	21.29	0.54	0.04	0.55
Beetroot	11,012.95	65.4	1.15	31.92	-	-	1.52
Carrot	17,444.97	46.7	0.12	51.74	-	-	1.44
Onion	963,096.61	47.02	9.88	40.7	1.62	-	0.78
Potatoes	1,807,059.57	74.85	12.66	11.34	0.69	-	0.47
Garlic	593,158.99	66.17	13.11	20.31	0.09	-	0.31
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	117,457.13	75.12	1.67	17.23	1.74	1.44	2.8
Permanent crops	3,418,729.83	53.28	0.47	43.15	0.39	0.01	2.7
Avocados	3,664.54	22	-	78	-	-	-
Bananas	30,680.17	38.24	1.7	54.67	0.21	-	5.17
Guavas	6,524.01	56.25	0.26	38.25	-	-	5.24
Lemons	33,357.92	33.98	1.22	58.18	0.91	-	5.71
Mangoes	19,592.76	35.58	0.96	59.5	-	-	3.96
Oranges	169,583.05	36.4	1.29	58.35	-	-	3.96
Papayas	18,540.72	60.71	-	36.83	0.09	-	2.37
Pineapples	-	-	-	-	-	-	-
Chat	65,211.85	17.1	0.08	79.51	0.25	0.03	3.03
Coffee	46,190.89	63.81	0.71	33.53	0.36	-	1.59
Hops (Gesho)	105,326.28	64.51	0.2	32.9	0.29	-	2.1
Enset	-	-	-	-	-	-	-
Sugar cane	2,920,057.64	37.76	1.11	53.26	3.29	-	4.58

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	13,154,249.96	62.5	12.54	21.29	1.96	0.43	1.28
Cereals	10,535,373.67	69.25	12.79	14.22	1.89	0.27	1.57
Teff	1,531,260.63	61.18	13.53	21.88	2.32	-	1.09
Barley	774,228.72	68.69	18.47	8.05	1.35	0.03	3.4
Wheat	1,130,252.68	65.82	18.97	11.86	1.16	-	2.19
Maize	1,414,085.08	78.05	8.69	9.98	0.96	1.03	1.29
Sorghum	4,506,705.18	69.1	11.26	15.01	3.32	0.1	1.21
Finger millet	1,157,902.43	67.21	11.1	18.96	1.75	-	0.98
Oats "Aja"	13,508.48	72.5	12.5	13.33	-	-	1.67
Rice	7,430.47	88.33	11.67	-	-	-	-
Pulses	1,371,561.87	58.2	14.38	23.58	1.66	1.31	0.86
Horse beans	323,706.13	67.97	12.34	17.79	0.61	-	1.29
Field peas	141,029.39	76.16	12.45	9.95	0.66	-	0.79
Haricot beans	20,601.04	71.47	14.2	14.33	-	-	-
Chick -- peas	732,433.08	54.91	17.03	23.86	2.7	0.77	0.73
Lentils	60,096.09	35.08	17.77	43.56	3.21	-	0.38
Vetch	63,346.62	31.22	15.35	37.59	2.65	12.41	0.78
Soya beans	-	-	-	-	-	-	-
Fenugreek	30,349.52	33.89	10.89	53	2.22	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	1,247,314.43	27.22	7.92	61.84	2.88	-	0.14
Neug	116,804.17	11.06	7.94	78.24	2.37	-	0.38
Linseed	40,132.37	71.81	10.55	17.4	-	-	0.24
Groundnuts	882.86	5	10	85	-	-	-
Safflower	1,186.40	78	10	2	10	-	-
Sesame	1,085,540.34	6.32	6.74	82.22	4.72	-	-
Rapeseed	2,768.29	66.19	6.19	27.62	-	-	-
Vegetables	107,460.50	79.42	2.17	16.68	1.45	-	0.28
Lettuce	-	-	-	-	-	-	-
Head cabbage	30.88	50	-	50	-	-	-
Ethiopian cabbage	5,639.83	87.14	-	12.86	-	-	-
Tomatoes	177.08	100	-	-	-	-	-
Green peppers	14,626.97	91.13	-	8.88	-	-	-
Red peppers	86,957.96	78.33	2.46	17.25	1.64	-	0.32
Swiss chard	27.77	50	-	50	-	-	-
Root Crops	462,332.28	63.75	8.77	27.02	0.11	-	0.34
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	138,595.87	10.59	1.22	87.92	-	-	0.27
Potatoes	242,134.57	86.63	7.66	5.38	0.27	-	0.05
Garlic	81,601.83	62.2	13.06	24.07	-	-	0.67
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	29,188.47	51.95	0.87	46.88	-	-	0.3
Avocados	-	-	-	-	-	-	-
Bananas	875.07	10	-	90	-	-	-
Guavas	287.66	20	-	80	-	-	-
Lemons	10,379.48	27.78	11.11	61.11	-	-	-
Mangoes	30.93	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	3,800.08	56.82	-	41.36	-	-	1.82
Pineapples	-	-	-	-	-	-	-
Chat	47.87	-	-	100	-	-	-
Coffee	1,782.22	67.5	-	32.5	-	-	-
Hops (Gesho)	11,985.15	53.39	-	46.4	-	-	0.21
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	7,713,628.13	61.98	14.45	19.51	1.86	0.03	2.17
Cereals	6,365,711.17	66.3	14.25	14.8	2.05	0.02	2.58
Teff	1,629,014.16	62.57	15.54	16.45	2.54	-	2.9
Barley	474,370.94	65.19	17.66	13	1.15	0.01	2.99
Wheat	1,352,027.87	61.92	17.48	16.3	1.93	-	2.37
Maize	984,478.13	75.5	10.35	10.22	1.66	0.01	2.25
Sorghum	634,157.07	65.85	11.46	16.28	3.71	0.04	2.66
Finger millet	536,238.95	68.88	11.89	14.75	1.92	0.14	2.43
Oats "Aja"	9,870.16	59.6	14	26.4	-	-	-
Rice	745,553.89	48.73	15.37	33.46	-	-	2.44
Pulses	1,199,979.40	57.63	16.3	23.13	1.37	0.07	1.5
Horse beans	132,546.32	60.4	19.7	17.9	1.03	-	0.96
Field peas	100,230.72	64	17.54	14.76	2.4	-	1.3
Haricot beans	115,946.58	30.45	19.31	47.37	2.16	-	0.71
Chick – peas	227,502.40	62.92	14.76	19.01	1.22	-	2.09
Lentils	20,717.76	34.23	12.79	48.33	1.63	-	3.02
Vetch	564,339.55	57.09	14.45	25.08	1.32	0.27	1.8
Soya beans	-	-	-	-	-	-	-
Fenugreek	1,166.69	24.5	13	62.5	-	-	-
Gibto	37,529.39	74.78	8.84	15.22	0.27	-	0.89
Oilseeds	147,937.56	39.15	10.62	47.77	1.72	-	0.75
Neug	103,976.42	15.32	10.96	69.43	3.32	-	0.98
Linseed	28,798.02	54.31	13.06	30.33	1.33	-	0.97
Groundnuts	-	-	-	-	-	-	-
Safflower	1,539.77	56.5	13	30.5	-	-	-
Sesame	152.05	66.67	19.67	13.67	-	-	-
Rapeseed	13,471.31	45.32	4.11	50.57	-	-	-
Vegetables	89,976.55	84.1	1.14	14.54	0.17	-	0.04
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	802.13	100	-	-	-	-	-
Tomatoes	8,138.26	67	-	30.5	2.5	-	-
Green peppers	33,599.58	97.17	0.35	2.48	-	-	-
Red peppers	47,401.81	80.16	1.49	18.17	0.12	-	0.06
Swiss chard	34.77	100	-	-	-	-	-
Root Crops	657,177.85	71.59	12.18	15.73	0.11	-	0.4
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	64,148.22	44.28	19.44	36.24	-	-	0.04
Potatoes	498,596.15	79.42	12.92	6.69	0.21	-	0.76
Garlic	94,264.20	69.32	10.66	19.81	0.05	-	0.16
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	169.27	33	-	67	-	-	-
Permanent crops	24,054.78	56.65	0.53	41.87	-	-	0.95
Avocados	-	-	-	-	-	-	-
Bananas	7,064.22	28.33	-	71.67	-	-	-
Guavas	207.34	-	-	-	-	-	-
Lemons	422.75	43.75	-	56.25	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	1,222.46	100	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	83.77	-	-	100	-	-	-
Coffee	34.98	100	-	-	-	-	-
Hops (Gesho)	5,235.84	60.76	0.64	37.44	-	-	1.15
Enset	-	-	-	-	-	-	-
Sugar cane	9,783.42	-	-	-	-	-	-

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	4,134,034.54	65.85	15.97	12.81	3.54	0.14	1.7
Cereals	3,612,694.15	70.59	14.43	9.22	3.49	0.11	2.17
Teff	754,899.22	64.92	12.69	16.7	4.13	0.05	1.52
Barley	448,231.32	67.06	21.72	5.25	3.89	0.05	2.03
Wheat	348,658.93	67.98	17.93	7.01	4.24	-	2.84
Maize	94,903.77	87.61	7.47	2.53	0.47	0.48	1.44
Sorghum	1,911,664.33	68.92	11.09	12.5	4.12	0.1	3.27
Finger millet	36,271.73	85.2	7.3	6.92	0.17	-	0.42
Oats "Aja"	18,064.83	69.35	24.42	-	6.23	-	-
Rice	-	-	-	-	-	-	-
Pulses	484,866.54	52.98	20.62	21.48	3.83	0.26	0.82
Horse beans	188,053.62	62.38	21.25	11.24	3.83	-	1.3
Field peas	99,317.12	58.79	20.13	16.32	4.04	-	0.72
Haricot beans	56,946.22	36.69	20.07	37.84	4.88	-	0.52
Chick – peas	59,368.09	59.65	20.48	13.49	5.85	-	0.54
Lentils	43,572.46	36.14	22.66	39.13	1.6	-	0.47
Vetch	19,826.02	59	14	8.6	9.8	8	0.6
Soya beans	-	-	-	-	-	-	-
Fenugreek	17,783.03	37.23	18.25	41.75	2.23	-	0.54
Gibto	-	-	-	-	-	-	-
Oilseeds	36,473.85	67.17	13.84	15.73	2.89	0.02	0.34
Neug	3,030.95	62.29	7.5	25.63	4.17	-	0.42
Linseed	29,659.32	69.87	14.82	12.18	2.8	0.03	0.3
Groundnuts	-	-	-	-	-	-	-
Safflower	204.51	65.5	24.5	10	-	-	-
Sesame	3,306.32	37.5	10.5	48	3	-	1
Rapeseed	272.75	55	5	40	-	-	-
Vegetables	31,899.94	87.89	1.85	9.02	0.43	-	0.8
Lettuce	11.66	62.5	-	37.5	-	-	-
Head cabbage	361.05	100	-	-	-	-	-
Ethiopian cabbage	15,975.45	84.14	3.79	11.15	0.57	-	0.34
Tomatoes	1,903.77	77.5	-	22.5	-	-	-
Green peppers	3,502.27	72.74	-	21.61	-	-	5.65
Red peppers	9,849.85	94.83	0.41	4.06	0.46	-	0.23
Swiss chard	295.87	83.33	16.67	-	-	-	-
Root Crops	245,504.05	59.66	13.42	26.31	0.17	-	0.43
Beetroot	267.8	50	-	50	-	-	-
Carrot	603.1	25	-	75	-	-	-
Onion	74,968.16	48.38	6.33	43.18	-	-	2.13
Potatoes	29,316.86	86.15	3.66	9.27	0.81	-	0.11
Garlic	65,861.80	53.23	18.63	28.03	-	-	0.11
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	74,486.32	72.5	-	23.75	-	-	3.75
Permanent crops	51,059.45	49.91	0.63	45.85	0.42	-	3.19
Avocados	289.66	-	-	100	-	-	-
Bananas	1,827.18	47.3	4.13	47.04	-	-	1.52
Guavas	1,400.80	50	-	48.56	-	-	1.44
Lemons	192.71	53.75	-	36.25	-	-	10
Mangoes	636.42	41	5	44	-	-	10
Oranges	13,497.23	40.59	-	56.29	-	-	3.12
Papayas	855.57	50.63	-	48.13	-	-	1.25
Pineapples	-	-	-	-	-	-	-
Chat	188.62	7.5	-	89.17	-	-	3.33
Coffee	4,009.10	69.43	0.62	29.26	-	-	0.69
Hops (Gesho)	9,046.28	48.45	-	46.02	0.94	-	4.6
Enset	-	-	-	-	-	-	-
Sugar cane	19,115.88	21.3	1.5	74.2	-	-	3

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	6,868,687.16	62.34	17.12	15.12	3.94	0.26	1.22
Cereals	5,528,343.98	70.36	15.3	8.84	3.76	0.3	1.44
Teff	1,298,869.74	69.43	9.91	14.14	5.32	-	1.2
Barley	540,576.71	66.2	23.14	4.48	2.89	1.28	2
Wheat	1,148,377.26	64.31	21.51	9.04	3.91	0.03	1.21
Maize	332,943.02	84.96	10.58	2.8	0.88	0.09	0.69
Sorghum	2,133,239.28	70.93	9.89	12.11	4.67	0.17	2.23
Finger millet	46,755.45	84.29	11.31	2.02	2.38	-	-
Oats "Aja"	27,582.50	65.75	25.35	3.96	3.9	0.52	0.52
Rice	-	-	-	-	-	-	-
Pulses	1,292,268.17	49.16	21.02	24.21	4.44	0.22	0.95
Horse beans	393,425.67	64.12	19.16	13.1	2.91	-	0.72
Field peas	218,040.72	51.85	21.14	19.06	6.36	0.64	0.96
Haricot beans	106,276.96	38.23	23.39	31.78	5.57	-	1.03
Chick – peas	221,562.57	56.77	19.09	14.6	8.09	-	1.46
Lentils	117,418.48	28.62	27.64	40.82	1.47	0.71	0.74
Vetch	196,563.09	41.5	18.36	33.3	5.19	0.17	1.48
Soya beans	-	-	-	-	-	-	-
Fenugreek	38,980.68	32.14	19.96	45.32	2.4	-	0.18
Gibto	-	-	-	-	-	-	-
Oilseeds	48,075.02	56.07	12.78	27.84	2.73	-	0.59
Neug	12,272.57	56.59	10.29	29.88	3.24	-	-
Linseed	14,084.32	57.21	16.03	21.83	3.78	-	1.15
Groundnuts	-	-	-	-	-	-	-
Safflower	4,937.55	42.22	21.11	36.67	-	-	-
Sesame	16,503.99	55.88	5.17	38.88	-	-	0.08
Rapeseed	276.58	60	4	36	-	-	-
Vegetables	66,824.27	88.75	0.92	8.94	0.63	-	0.76
Lettuce	554.38	100	-	-	-	-	-
Head cabbage	171.3	100	-	-	-	-	-
Ethiopian cabbage	17,115.25	93.51	1.91	3.94	-	-	0.64
Tomatoes	2,941.71	67.67	-	32.33	-	-	-
Green peppers	10,039.87	67.5	-	32.08	-	-	0.42
Red peppers	35,157.60	89.13	0.64	8.08	1.16	-	0.99
Swiss chard	844.16	92.86	-	7.14	-	-	-
Root Crops	173,090.84	66.97	11.88	21.15	-	-	-
Beetroot	162.45	100	-	-	-	-	-
Carrot	12,498.93	64.71	-	35.29	-	-	-
Onion	27,208.83	49.54	9.08	41.38	-	-	-
Potatoes	71,795.55	73.24	4.86	21.89	-	-	-
Garlic	60,663.03	65.5	15.43	19.08	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	762.04	100	-	-	-	-	-
Permanent crops	268,041.17	37.89	0.84	57.2	0.14	-	3.92
Avocados	781.91	60	-	40	-	-	-
Bananas	848.5	28	7.5	62.5	-	-	2
Guavas	3,059.24	45	-	48.25	-	-	6.75
Lemons	834.36	30.63	-	50.63	-	-	18.75
Mangoes	2,745.39	15	-	85	-	-	-
Oranges	135,836.64	19.34	2.27	75.39	-	-	3
Papayas	3,788.74	46.79	-	51.43	-	-	1.79
Pineapples	-	-	-	-	-	-	-
Chat	46,979.14	25.7	-	70.56	-	-	3.74
Coffee	20,634.86	53.14	0.92	44.59	-	-	1.36
Hops (Gesho)	6,513.35	47.25	0.63	46.56	0.63	-	4.94
Enset	-	-	-	-	-	-	-
Sugar cane	46,019.02	25	-	66	-	-	9

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	8,923,993.43	58.07	16.79	15.37	4.69	0.61	4.47
Cereals	7,617,288.40	61.04	13.8	14.25	5.1	0.41	5.39
Teff	1,441,245.20	48.17	10.35	30.71	6.2	0.06	4.52
Barley	908,598.38	64.32	23.96	4.21	3.46	0.68	3.37
Wheat	1,293,666.43	61.56	21.62	5.53	3.5	1.39	6.4
Maize	239,561.94	84.05	6.65	0.67	1.91	-	6.72
Sorghum	3,729,174.21	60.97	8.6	16.13	7.75	0.14	6.41
Finger millet	3,871.67	82.5	2.5	-	-	-	15
Oats "Aja"	1,170.56	65	18.33	-	16.67	-	-
Rice	-	-	-	-	-	-	-
Pulses	1,211,359.28	50.15	23.91	17.45	4.17	1.15	3.17
Horse beans	612,618.04	64.13	23.08	7.41	2.76	0.32	2.29
Field peas	121,967.34	58.13	25.52	9.22	4.02	0.23	2.87
Haricot beans	61,323.59	58.58	16.88	10.53	5.8	1.23	6.98
Chick – peas	201,513.59	54.06	27.24	8.3	6.22	-	4.17
Lentils	144,642.56	22.63	26.28	42.23	5.9	0.22	2.74
Vetch	45,984.86	23.16	22.41	34.12	4.08	14.18	2.04
Soya beans	1.13	-	-	-	-	-	-
Fenugreek	23,308.17	33.38	24.93	37.05	1.55	-	3.09
Gibto	-	-	-	-	-	-	-
Oilseeds	95,345.76	65.4	12.37	15.73	3.65	0.13	2.73
Neug	2,410.19	72.5	8	19.5	-	-	-
Linseed	15,267.45	57.85	19.9	20.01	2.24	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	25,280.39	76.49	9.66	9.43	1.43	0.86	2.14
Sesame	52,045.11	62.67	10.06	14.67	6.77	-	5.83
Rapeseed	342.61	99	1	-	-	-	-
Vegetables	75,468.32	89.6	1.05	6.44	0.17	-	2.74
Lettuce	44.97	95	-	-	-	-	5
Head cabbage	2,189.36	88.13	-	11.88	-	-	-
Ethiopian cabbage	16,990.74	89.63	0.66	7.21	-	-	2.5
Tomatoes	11,115.17	64	-	28	-	-	8
Green peppers	20,110.38	89.07	0.67	10.27	-	-	-
Red peppers	23,773.86	93.67	1.46	1.02	0.42	-	3.43
Swiss chard	1,243.84	74.57	2.86	20.57	-	-	2
Root Crops	614,783.22	68.37	14.03	15.08	1.04	-	1.49
Beetroot	4,077.38	75	-	25	-	-	-
Carrot	1,005.78	72.25	-	23.33	-	-	4.42
Onion	466,119.74	61.84	11.81	22.6	2.66	-	1.1
Potatoes	38,545.50	75.1	14.34	8.91	-	-	1.64
Garlic	95,225.59	69.91	19.08	9.49	0.3	-	1.22
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	9,809.23	76.25	1.5	17.25	-	-	5
Permanent crops	70,707.64	55.29	0.49	37.65	0.76	-	5.81
Avocados	185.03	10	-	90	-	-	-
Bananas	7,327.13	21.45	2.26	58.71	0.97	-	16.61
Guavas	69.4	55	-	45	-	-	-
Lemons	5,889.70	13.86	-	83.41	-	-	2.73
Mangoes	1,405.61	32	-	66	-	-	2
Oranges	6,488.25	46.3	-	47.39	-	-	6.3
Papayas	1,375.64	57.81	-	42.19	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	505.35	3.33	-	96.67	-	-	-
Coffee	1,538.35	80.51	1.1	14.42	0.68	-	3.29
Hops (Gesho)	17,777.25	67.29	-	25.06	0.88	-	6.77
Enset	-	-	-	-	-	-	-
Sugar cane	28,145.93	51.29	1.61	36.94	2.58	-	7.58

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	9,309,961.58	61.37	11.09	23.77	2.1	0.33	1.34
Cereals	8,014,637.56	65.69	10.66	19.2	2.52	0.38	1.55
Teff	3,186,160.88	57.04	10.19	28.05	2.98	0.06	1.69
Barley	576,952.72	72.86	12.46	10.78	2.04	1.23	0.64
Wheat	1,939,855.91	59.81	14.83	20.56	2.57	-	2.23
Maize	1,670,346.96	75.91	6.55	14.1	1.4	0.57	1.47
Sorghum	634,784.47	66.41	9.72	16.96	5.59	0.46	0.88
Finger millet	6,536.63	80	20	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	1,118,835.21	55.77	13.44	28.4	1.08	0.29	1.02
Horse beans	418,127.99	64	12.67	21.63	0.77	-	0.92
Field peas	104,009.35	56.1	12.71	30.61	0.52	-	0.05
Haricot beans	89,586.58	21.86	18.55	56.88	2.71	-	-
Chick – peas	200,988.87	53.31	12.95	29.63	1.79	-	2.33
Lentils	8,596.92	25.88	30.88	43.24	-	-	-
Vetch	254,970.60	59.52	12.73	22.6	1.54	1.83	1.78
Soya beans	22,451.47	46.82	4.91	48.27	-	-	-
Fenugreek	5,118.93	34	16.94	49.06	-	-	-
Gibto	14,984.48	32.08	8.75	59.17	-	-	-
Oilseeds	176,488.81	40.57	7.05	50.16	1.69	-	0.54
Neug	66,110.10	40.25	7.07	48.53	3.07	-	1.09
Linseed	4,358.88	66.96	7.83	25.21	-	-	-
Groundnuts	898.77	61	26.5	12.5	-	-	-
Safflower	1,102.24	15	10	50	25	-	-
Sesame	76,951.04	14.71	8.51	74.78	1.56	-	0.44
Rapeseed	27,067.79	48.51	2.43	49.06	-	-	-
Vegetables	91,079.58	85.06	0.84	13.83	0.07	-	0.21
Lettuce	134.66	-	-	100	-	-	-
Head cabbage	18,970.73	53.9	2.59	43.34	-	-	0.17
Ethiopian cabbage	7,211.91	100	-	-	-	-	-
Tomatoes	1,386.53	100	-	-	-	-	-
Green peppers	25,769.87	91.32	-	8.03	-	-	0.66
Red peppers	37,458.96	96.25	0.63	2.99	0.14	-	-
Swiss chard	146.93	-	-	100	-	-	-
Root Crops	677,374.00	53.51	10.96	34.69	0.63	-	0.22
Beetroot	4,880.72	58.92	-	40.92	-	-	0.16
Carrot	3,184.75	13.15	0.38	85.77	-	-	0.69
Onion	150,227.23	26.74	4.74	66.08	2.18	-	0.26
Potatoes	409,288.74	63.17	16.3	19.24	0.94	-	0.35
Garlic	109,792.56	55.54	10.94	33.49	-	-	0.03
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	38,653.18	67.83	0.08	31.61	-	-	0.48
Avocados	687.66	20	-	80	-	-	-
Bananas	2,414.40	29.5	-	70.5	-	-	-
Guavas	10.67	70	10	20	-	-	-
Lemons	842.49	25	-	52.5	-	-	22.5
Mangoes	318.17	-	-	-	-	-	-
Oranges	972.35	23.33	-	76.67	-	-	-
Papayas	543.18	35	-	65	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	2,533.83	-	-	100	-	-	-
Coffee	323.64	72.26	-	27.21	-	-	0.53
Hops (Gesho)	29,445.57	72.25	0.02	27.47	-	-	0.25
Enset	-	-	-	-	-	-	-
Sugar cane	561.22	31.88	-	65	-	-	3.13

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	10,350,414.88	55.23	11.17	27.83	4.43	0.09	1.25
Cereals	9,433,109.36	58.97	11.79	23.34	4.65	0.12	1.12
Teff	1,742,432.38	48.22	13.07	32.27	5.23	0.04	1.17
Barley	277,362.52	52.75	31.42	12.58	2.14	0.63	0.48
Wheat	654,646.65	56.37	18.51	21.04	3.85	-	0.24
Maize	5,599,263.83	66.76	4.15	23.87	4.02	0.16	1.04
Sorghum	140,603.80	42.52	14.15	35.74	7.59	-	-
Finger millet	1,018,800.18	64.79	10.67	15.31	6.93	-	2.3
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	596,201.92	58.84	11.85	24.51	3.36	0.01	1.43
Horse beans	313,443.81	60.28	12.68	22.71	3.12	-	1.22
Field peas	53,314.34	65.08	12.58	18.59	2.37	-	1.38
Haricot beans	14,329.44	52.44	3.61	41.94	1.67	0.28	0.06
Chick – peas	100,437.88	59.25	10.69	20.86	7.17	-	2.03
Lentils	499.82	55	20	16.67	8.33	-	-
Vetch	27,404.45	55.15	12.46	24.79	3.42	-	4.19
Soya beans	-	-	-	-	-	-	-
Fenugreek	555.43	76.25	9.38	14.38	-	-	-
Gibto	86,216.75	39.68	8.51	47.32	4.49	-	-
Oilseeds	321,103.60	24.27	5.88	63.34	4.64	-	1.88
Neug	85,188.35	20.51	8.03	62.88	6.62	-	1.97
Linseed	4,324.11	48.75	10.5	33.25	7.5	-	-
Groundnuts	522.25	25	50	-	25	-	-
Safflower	-	-	-	-	-	-	-
Sesame	159,085.18	5.55	7.55	73.07	7.9	-	5.93
Rapeseed	71,983.72	29.55	3.43	63.79	1.8	-	1.44
Vegetables	273,604.73	84.13	0.57	14.26	0.95	-	0.08
Lettuce	-	-	-	-	-	-	-
Head cabbage	10,296.10	81.94	-	18.06	-	-	-
Ethiopian cabbage	258.91	65	-	35	-	-	-
Tomatoes	279.51	100	-	-	-	-	-
Green peppers	301.19	93.33	-	6.67	-	-	-
Red peppers	262,425.19	84.09	0.64	14.12	1.06	-	0.09
Swiss chard	43.83	-	-	-	-	-	-
Root Crops	424,907.38	69.74	10.57	18.85	0.18	-	0.65
Beetroot	1,518.33	67.74	3.26	24.87	-	-	4.13
Carrot	112.27	45.5	-	54.5	-	-	-
Onion	37,130.19	51.16	10.91	37.78	-	-	0.16
Potatoes	328,233.31	63.58	17.15	18.02	0.36	-	0.88
Garlic	57,451.15	78.43	8.4	13.02	0.16	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	462.13	58.33	-	33.33	-	-	8.33
Permanent crops	2,688,969.70	64.3	0.3	34.24	0.63	-	0.54
Avocados	1,250.03	2.5	-	97.5	-	-	-
Bananas	7,241.92	53.41	-	45.12	-	-	1.47
Guavas	654.37	55.56	-	44.44	-	-	-
Lemons	10,085.75	64.5	-	35.5	-	-	-
Mangoes	12,759.51	27.5	-	72.5	-	-	-
Oranges	7,154.66	1	-	99	-	-	-
Papayas	2,762.71	47.5	-	43.33	0.83	-	8.33
Pineapples	-	-	-	-	-	-	-
Chat	7,619.94	6.82	-	93.18	-	-	-
Coffee	10,397.68	76	-	24	-	-	-
Hops (Gesho)	21,476.10	77.45	0.3	21.73	0.09	-	0.43
Enset	-	-	-	-	-	-	-
Sugar cane	2,607,567.05	38.7	2.17	48.26	10.87	-	-

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	1,553,580.26	66.98	15.34	11.98	2.05	0.05	3.6
Cereals	1,323,063.24	71.38	15.02	6.79	2.21	-	4.6
Teff	265,205.89	72.59	13.46	7.53	3.24	-	3.17
Barley	217,883.29	68.37	18.95	5.6	1.75	-	5.33
Wheat	68,033.36	61.73	21.45	11.73	1.87	-	3.22
Maize	49,498.76	85.07	11.67	1.07	0.67	-	1.52
Sorghum	720,971.45	67.41	12.71	8.83	2.92	-	8.12
Finger millet	1,470.50	81	11	8	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	163,486.91	61.94	18.01	16.16	1.45	0.21	2.23
Horse beans	67,901.48	64	21.06	11.22	1.65	-	2.06
Field peas	50,641.83	65.09	18.56	11.61	1.67	-	3.08
Haricot beans	22,514.22	74.48	11.33	9.96	2.2	1.19	0.83
Chick – peas	6,236.71	69.38	17.54	7.5	0.96	-	4.62
Lentils	16,154.26	36.55	17.59	43.4	0.14	-	2.33
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	38.42	50.5	20	29.5	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	67,030.11	53.26	11.64	31.76	2.39	-	0.95
Neug	1,909.26	68.61	16.39	11.53	3.47	-	-
Linseed	5,649.13	74.24	10.7	12.94	1.28	-	0.84
Groundnuts	-	-	-	-	-	-	-
Safflower	2,245.51	59.13	13.7	22.61	2.17	-	2.39
Sesame	57,191.26	22.52	10.21	62.96	3.21	-	1.09
Rapeseed	34.95	82.5	5	12.5	-	-	-
Vegetables	5,567.55	88.3	-	11.7	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	298.71	74.38	-	25.63	-	-	-
Ethiopian cabbage	52.83	-	-	-	-	-	-
Tomatoes	1,146.63	98.33	-	1.67	-	-	-
Green peppers	4,023.92	90	-	10	-	-	-
Red peppers	25.11	100	-	-	-	-	-
Swiss chard	20.34	62.5	-	37.5	-	-	-
Root Crops	36,576.33	73	8.39	17.91	-	-	0.69
Beetroot	2.75	100	-	-	-	-	-
Carrot	30.74	100	-	-	-	-	-
Onion	454.9	66.67	3.33	25	-	-	5
Potatoes	5,971.13	89	6.29	4.37	-	-	0.34
Garlic	5,496.45	61.67	11.09	26.47	-	-	0.78
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	24,620.37	83.33	-	16.67	-	-	-
Permanent crops	7,912.88	48	-	50.6	0.2	-	1.2
Avocados	68.39	50	-	50	-	-	-
Bananas	1,651.52	27.5	-	72.5	-	-	-
Guavas	48.6	50	-	25	-	-	25
Lemons	195.24	60	-	40	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	5.15	50	-	50	-	-	-
Papayas	497.53	56.25	-	43.75	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	1.32	-	-	-	-	-	-
Coffee	18.48	52	-	47	1	-	-
Hops (Gesho)	4.92	43.75	-	56.25	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	5,421.74	31.67	-	66.67	-	-	1.67

TABLE 1.3.9- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Awi

Type of Crop	Total Production (Quintal)	Percent Utilized for: Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	3,989,769.97	59.64	10.77	22.86	4.72	0.42	1.59
Cereals	3,613,275.27	64.08	11.05	17.74	4.92	0.54	1.68
Teff	805,947.28	57.28	13.6	21.95	5.24	0.22	1.71
Barley	81,861.23	66.72	16.18	12.64	3.04	0.6	0.82
Wheat	309,833.49	62.61	14.87	15.82	4.7	0.17	1.83
Maize	1,648,914.89	70.71	5.15	17.81	3.75	1	1.59
Sorghum	205,166.41	55.53	9.59	17.41	15.69	1.78	-
Finger millet	552,036.66	61.59	11.88	16.88	6.89	0.24	2.52
Oats "Aja"	2,655.03	59.63	26	14.38	-	-	-
Rice	6,860.28	93.4	6.6	-	-	-	-
Pulses	164,439.57	62.19	12.39	21.4	1.7	-	2.32
Horse beans	51,099.17	75.01	12.7	8.51	2	-	1.78
Field peas	19,793.30	73.92	8.25	9.21	2.57	-	6.06
Haricot beans	12,044.55	51.11	4.44	44.44	-	-	-
Chick – peas	16,399.64	57.5	13.33	27.5	1.67	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	8,986.67	50	10	40	-	-	-
Fenugreek	276.93	68.75	13.13	16.88	1.25	-	-
Gibto	55,839.32	30.67	18.18	50.49	0.67	-	-
Oilseeds	212,055.13	26.44	7.37	59.84	6.04	-	0.3
Neug	52,473.73	11.38	9.96	74.86	3.07	-	0.74
Linseed	657.67	88.56	5.33	6.11	-	-	-
Groundnuts	41,262.38	9.86	10.71	64.05	15.38	-	-
Safflower	-	-	-	-	-	-	-
Sesame	96,748.30	5.24	8.48	70.48	15.8	-	-
Rapeseed	20,913.06	55.34	2.86	41.48	0.16	-	0.16
Vegetables	109,743.61	60.01	0.72	34.11	2.5	-	2.66
Lettuce	13.2	-	-	-	-	-	-
Head cabbage	2,450.92	45.5	-	54.5	-	-	-
Ethiopian cabbage	5,374.71	100	-	-	-	-	-
Tomatoes	134.8	100	-	-	-	-	-
Green peppers	1,184.76	69.38	-	30.63	-	-	-
Red peppers	100,560.92	59.93	0.83	33.28	2.89	-	3.07
Swiss chard	24.3	-	-	-	-	-	-
Root Crops	215,626.63	68.53	11.44	17.4	2	0.42	0.21
Beetroot	103.52	10	-	90	-	-	-
Carrot	4.06	10	-	90	-	-	-
Onion	4,191.53	24.21	16.84	52.63	6.32	-	-
Potatoes	183,173.08	70.68	17.58	9.32	2.41	-	-
Garlic	22,001.49	77.52	4.68	17.37	0.3	0.06	0.06
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	6,152.95	70.21	3.33	17.92	2.71	3.96	1.88
Permanent crops	149,616.30	53.34	0.05	43.9	0.33	0.03	2.35
Avocados	369.73	-	-	-	-	-	-
Bananas	479.89	42	-	58	-	-	-
Guavas	4.72	-	-	-	-	-	-
Lemons	2,742.88	29	-	53.83	4.17	-	13
Mangoes	259.09	75	-	25	-	-	-
Oranges	591.19	66.67	-	26.67	-	-	6.67
Papayas	2,357.69	82	-	18	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	421.06	15	-	85	-	-	-
Coffee	3,163.68	76.26	-	20.41	-	-	3.33
Hops (Gesho)	3,841.81	51.46	0.05	47.41	0.11	0.05	0.91
Enset	-	-	-	-	-	-	-
Sugar cane	135,384.57	29.5	0.25	64	1.25	-	5

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	971,030.21	65.48	9.86	18.28	3.61	0.27	2.51
Cereals	905,203.82	68.82	9.58	13.91	4.27	0.36	3.06
Teff	129,760.44	29.59	12.67	49.66	5.12	0.82	2.13
Barley	7,133.08	69.69	15.39	7.92	6.03	0.42	0.56
Wheat	3,139.17	45.83	22.5	12.5	12.5	-	6.67
Maize	106,230.19	86.53	6.99	1.79	1.45	0.05	3.2
Sorghum	658,473.34	77.75	8.61	4.22	5.38	0.35	3.69
Finger millet	54.5	-	-	100	-	-	-
Oats "Aja"	413.1	45	31.25	23.75	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	28,975.30	64.4	8.56	23.97	2.55	-	0.52
Horse beans	1,891.51	71	10	10	5	-	4
Field peas	4,732.63	90.77	2.92	5.15	1.15	-	-
Haricot beans	10,296.13	48.28	8.6	41.88	1.25	-	-
Chick – peas	10,248.32	74.08	10.21	9.88	5.42	-	0.42
Lentils	1,806.46	61.14	10.71	28.14	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	0.26	95	5	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	36,851.09	52.01	11.74	33.59	1.4	-	1.26
Neug	17.87	46.67	43.33	-	8.33	-	1.67
Linseed	968.2	72.94	13.61	13.44	-	-	-
Groundnuts	5,974.76	26.97	13.5	57.97	-	-	1.56
Safflower	3,572.99	74.35	8.93	13.6	-	-	3.13
Sesame	25,269.66	44.14	9.01	43.71	2.63	-	0.5
Rapeseed	1,047.61	74.86	17.57	7.14	-	-	0.43
Vegetables	14,348.15	85.99	0.51	9.94	2.66	-	0.91
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	2,333.13	99	-	-	-	-	1
Tomatoes	302.35	55.83	-	42.5	-	-	1.67
Green peppers	7,929.82	97.5	-	-	-	-	2.5
Red peppers	3,782.85	81.81	0.93	12.33	4.88	-	0.05
Swiss chard	-	-	-	-	-	-	-
Root Crops	1,819.73	81	8.7	8.04	2.17	-	0.09
Beetroot	-	-	-	-	-	-	-
Carrot	4.08	10	-	90	-	-	-
Onion	30.77	90	10	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	793.45	81	11.54	7.31	-	-	0.15
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	991.43	87.5	-	-	12.5	-	-
Permanent crops	90,155.95	38.49	0.52	55.78	0.7	0.03	4.48
Avocados	30.74	13.5	-	86.5	-	-	-
Bananas	942.19	61.41	-	32.5	-	-	6.09
Guavas	745.27	68.26	-	21.96	-	-	9.78
Lemons	1,710.80	32.25	-	55.67	4.17	-	7.92
Mangoes	1,418.02	33.75	-	60.88	-	-	5.38
Oranges	4,955.04	49.19	2.03	44.24	-	-	4.54
Papayas	1,290.58	75.07	-	20.71	-	-	4.21
Pineapples	-	-	-	-	-	-	-
Chat	6,731.55	18.02	-	76.43	0.69	0.09	4.77
Coffee	4,272.94	34.42	1.17	61.49	1.3	-	1.62
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	68,058.81	65	-	31.67	-	-	3.33

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	82,028.63	66.01	16.06	15.46	1	0.07	1.39
Cereals	75,568.96	70	16.39	10.93	1.21	0.1	1.36
Teff	6,281.21	23.91	32.37	42.14	0.25	-	1.33
Barley	216.64	55.13	27.82	16.28	-	-	0.77
Wheat	111.46	56.31	32.77	7.46	-	-	3.46
Maize	7,827.62	85.81	10.62	2.25	0.55	0.41	0.35
Sorghum	60,921.21	77.09	12.25	6.9	1.88	-	1.87
Finger millet	71.06	97.17	2.83	-	-	-	-
Oats "Aja"	139.75	44.63	47.88	-	6.25	-	1.25
Rice	-	-	-	-	-	-	-
Pulses	1,217.85	74.79	13.09	10.9	0.05	-	1.17
Horse beans	11.62	70	25	-	-	-	5
Field peas	175.68	80.25	18.25	1.5	-	-	-
Haricot beans	692.05	79.76	9.7	8.26	0.11	-	2.17
Chick – peas	255.23	57.3	21.2	21.5	-	-	-
Lentils	74.93	68.79	9.79	21.43	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	3.01	-	-	-	-	-	-
Fenugreek	5.33	40	10	50	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	5,241.83	41.45	16.71	39.41	0.74	-	1.69
Neug	2.07	62.5	-	-	-	-	37.5
Linseed	26.08	67.54	16.31	16.15	-	-	-
Groundnuts	55.48	36.67	36.67	26.67	-	-	-
Safflower	432.86	62.12	15.06	22.52	-	-	0.3
Sesame	4,725.34	28.18	17.13	51.77	1.22	-	1.71
Rapeseed	-	-	-	-	-	-	-
Vegetables	745.6	95.79	0.72	3.49	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	7.64	100	-	-	-	-	-
Tomatoes	19	100	-	-	-	-	-
Green peppers	98.58	85	-	15	-	-	-
Red peppers	620.39	96.48	0.9	2.62	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	37.9	84.2	5.7	10.1	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	1.27	99	-	1	-	-	-
Onion	21.16	61.25	13.75	25	-	-	-
Potatoes	4.67	100	-	-	-	-	-
Garlic	7.43	99.33	0.67	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	3.37	100	-	-	-	-	-
Permanent crops	370.32	63.38	1.38	33.25	-	-	2
Avocados	1.39	-	-	-	-	-	-
Bananas	8.16	10	-	90	-	-	-
Guavas	35.95	61.67	-	38.33	-	-	-
Lemons	61.75	100	-	-	-	-	-
Mangoes	19.6	-	-	-	-	-	-
Oranges	82.54	-	-	-	-	-	-
Papayas	46.55	57.92	-	42.08	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	99.4	57.5	3.13	33.75	-	-	5.63
Coffee	14.97	75	2.5	19.58	-	-	2.92
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	98,806,640.88	60.81	15.17	20.41	1.24	0.57	1.81
Cereals	87,972,328.47	65.02	14.99	15.81	1.33	0.72	2.12
Teff	16,718,025.31	54.04	16.62	25.56	1.87	0.23	1.68
Barley	9,085,451.20	62.43	21.95	11.81	1.13	1.15	1.53
Wheat	15,832,119.46	57.13	19.62	20.31	1.03	0.1	1.8
Maize	28,805,965.97	71.85	10.84	12.5	1.23	1.08	2.5
Sorghum	15,805,450.93	73.53	11.56	10.41	1.3	0.74	2.46
Finger millet	1,278,280.81	69.34	13.2	11.14	1.66	1.43	3.22
Oats "Aja"	394,621.24	58.65	23.84	15.61	0.37	0.66	0.87
Rice	52,413.56	51.51	12.03	34.87	0.16	0.05	1.38
Pulses	8,477,228.73	60.83	16.14	20.74	0.87	0.29	1.13
Horse beans	3,244,771.28	64.21	16.37	16.72	1.17	0.03	1.5
Field peas	1,066,472.73	58.71	18.97	19.54	1.54	0.01	1.23
Haricot beans	1,696,436.80	69.58	12.99	15.89	0.42	0.09	1.03
Chick – peas	1,285,867.67	50.84	17.54	30.08	0.76	0.08	0.7
Lentils	331,558.18	37.74	21.07	40.41	0.49	0.01	0.28
Vetch	720,244.08	50.33	16.14	28.17	0.63	4.08	0.65
Soya beans	74,897.61	44.11	15.79	37.83	0.81	-	1.46
Fenugreek	56,725.93	55.97	16.03	27.05	0.14	0.03	0.78
Gibto	254.43	67.5	7.5	20	-	-	5
Oilseeds	2,357,083.69	26.85	14.23	56.64	1.36	0.01	0.9
Neug	904,928.50	18.65	13.51	65.06	2.01	-	0.77
Linseed	427,061.87	47.32	18.08	33.25	0.74	0.02	0.59
Groundnuts	422,650.44	28.78	18.19	48.85	2.03	0.03	2.12
Safflower	5,469.50	43.28	24.14	28.97	0.86	-	2.76
Sesame	544,242.35	11.18	12.88	74.35	0.89	0.03	0.68
Rapeseed	52,731.03	54.97	9.43	34.5	0.25	-	0.85
Vegetables	2,360,523.18	76.32	1.3	20.57	0.23	0.04	1.54
Lettuce	1,150.17	69.62	4.62	16.54	-	7.69	1.54
Head cabbage	83,830.82	78.28	0.83	19.46	0.23	0.19	1.01
Ethiopian cabbage	921,729.59	83.69	1.17	13.43	0.06	0.01	1.65
Tomatoes	385,781.39	55.79	-	42.86	0.08	-	1.27
Green peppers	227,286.69	83.08	0.51	14.91	-	-	1.49
Red peppers	739,047.88	64.8	2	31.05	0.56	0.01	1.58
Swiss chard	1,696.64	84.62	-	14.23	-	-	1.15
Root Crops	6,441,935.11	73.89	7.68	15.9	0.08	1.05	1.4
Beetroot	93,544.12	76.9	0.31	21.16	0.2	-	1.42
Carrot	51,286.35	72.2	1.31	25.36	-	-	1.13
Onion	1,012,330.34	56.56	10.01	32.03	0.15	0.01	1.23
Potatoes	1,850,836.69	58.03	14.67	26.42	0.02	-	0.86
Garlic	513,027.27	64.36	16.79	18.15	-	-	0.71
Taro / 'Godere'	426,494.17	83.85	9.31	4.7	0.05	0.08	2.01
Sweet potatoes	2,494,416.17	83.66	0.72	10.8	0.12	2.99	1.71
Permanent crops	9,855,257.46	54.23	0.85	40.37	0.83	0.41	3.31
Avocados	156,423.48	47.82	0.7	49	0.08	-	2.4
Bananas	739,995.62	50.76	0.31	45.56	0.12	0.18	3.07
Guavas	19,079.28	71.02	0.22	17.69	-	-	11.07
Lemons	3,578.48	45.35	2.94	45.68	-	-	6.03
Mangoes	296,498.80	61.91	0.16	32.88	0.14	-	4.92
Oranges	159,093.60	62.72	-	32.8	0.04	-	4.44
Papayas	161,489.93	71.46	0.32	25.59	0.03	0.11	2.5
Pineapples	534.47	69.55	-	30.45	-	-	-
Chat	1,350,263.60	34.36	1.23	57.67	0.93	0.03	5.77
Coffee	2,552,317.24	47.45	0.76	48.64	1.22	0.06	1.87
Hops (Gesho)	82,428.77	51.51	1.05	45.01	0.05	-	2.39
Enset	1,755,871.04	84.01	0.95	9.79	1.65	1.19	2.4
Sugar cane	2,577,683.15	50.06	1.91	41.67	0.06	3.1	3.19

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	4,304,924.57	68.39	13.15	15.15	0.28	0.52	2.52
Cereals	3,940,053.41	73.99	13.57	8.31	0.38	0.76	3
Teff	329,185.23	66.7	17.49	12.62	0.14	-	3.05
Barley	17,521.28	72.48	16	10.44	0.09	0.54	0.45
Wheat	35,337.13	73.39	14.76	10.07	0.17	-	1.61
Maize	1,973,412.13	78	11.46	5.87	0.42	0.83	3.42
Sorghum	1,150,644.21	76.79	12.16	6.97	0.42	0.84	2.82
Finger millet	432,139.82	68.96	15.27	9.9	0.59	1.46	3.83
Oats "Aja"	145.88	46.67	16.67	36.67	-	-	-
Rice	1,667.74	90	10	-	-	-	-
Pulses	141,160.29	76.64	11.93	9.74	0.09	-	1.59
Horse beans	31,037.16	72.21	14.14	11.43	0.14	-	2.07
Field peas	13,809.19	80	11.34	7.25	0.14	-	1.27
Haricot beans	81,990.17	78.87	11.41	8.3	0.08	-	1.34
Chick – peas	5,666.29	79.78	11.96	7.83	-	-	0.43
Lentils	302.35	-	-	-	-	-	-
Vetch	1,629.21	87.31	7.31	2.69	-	-	2.69
Soya beans	4,946.31	75	12.63	12.37	-	-	-
Fenugreek	1,779.60	40.43	10	44.57	-	-	5
Gibto	-	-	-	-	-	-	-
Oilseeds	223,710.87	28.19	12.66	57.77	0.05	-	1.33
Neug	163,580.15	21.1	14.32	62.77	0.09	-	1.72
Linseed	2,952.99	61.65	10.35	27.75	-	-	0.25
Groundnuts	4,439.64	31.47	12.06	56.47	-	-	-
Safflower	24.99	72.5	15	-	-	-	12.5
Sesame	42,044.56	11.58	12.09	75.95	-	-	0.38
Rapeseed	10,668.54	60.93	8.22	29.66	-	-	1.19
Vegetables	96,295.68	78.42	1.3	18.21	0.15	-	1.92
Lettuce	-	-	-	-	-	-	-
Head cabbage	1,130.96	85.31	-	14.69	-	-	-
Ethiopian cabbage	19,881.33	88.83	0.49	10.44	-	-	0.24
Tomatoes	27,451.32	40	-	56	-	-	4
Green peppers	9,851.42	79.84	0.97	18.55	-	-	0.65
Red peppers	37,495.95	76.67	1.61	19.03	0.21	-	2.48
Swiss chard	484.69	100	-	-	-	-	-
Root Crops	410,139.36	83.92	2.01	12.64	0.05	0.1	1.28
Beetroot	2,304.80	65.83	0.83	32.5	-	-	0.83
Carrot	719.21	68.33	6.67	24.17	-	-	0.83
Onion	17,233.88	66.71	4.04	28.42	-	-	0.83
Potatoes	28,254.74	38.53	20	36.47	-	-	5
Garlic	5,681.72	78.71	5.97	14.68	-	-	0.65
Taro / 'Godere'	12,766.60	93.41	1.27	4.05	-	-	1.27
Sweet potatoes	343,178.42	88.05	0.63	9.86	0.08	0.15	1.23
Permanent crops	805,801.02	51.31	0.72	43.97	0.26	0.06	3.67
Avocados	29,103.39	54.66	-	43.45	-	-	1.9
Bananas	111,711.74	51.69	0.42	43.81	0.08	0.11	3.89
Guavas	62.05	50	-	41.33	-	-	8.67
Lemons	570.94	47.5	-	49.38	-	-	3.13
Mangoes	128,995.81	57.92	0.07	37.32	0.07	-	4.62
Oranges	25,257.66	69.76	-	26.71	-	-	3.54
Papayas	10,837.86	64.62	-	35.18	-	-	0.21
Pineapples	-	-	-	-	-	-	-
Chat	12,179.80	25.42	2.56	68.99	0.22	-	2.81
Coffee	333,463.38	52.4	1.02	41.95	0.51	-	4.12
Hops (Gesho)	1,766.16	16.17	1.67	79.17	0.17	-	2.83
Enset	586.1	76.3	-	20	1.11	1.85	0.74
Sugar cane	151,266.14	50.24	-	44.88	0.24	-	4.63

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	6,644,742.19	57.11	13.1	26.2	0.98	0.66	1.95
Cereals	6,061,040.50	66.23	13.32	16.07	1	0.95	2.43
Teff	879,136.78	63.95	17.34	13.74	1.14	0.87	2.96
Barley	90,045.43	65.48	21.11	10.79	0.4	0.56	1.67
Wheat	147,352.34	70.54	16.82	10.45	0.25	0.03	1.91
Maize	3,444,170.62	65.72	9.25	19.86	1.02	1.09	3.06
Sorghum	1,246,044.11	67.95	11.37	16.95	1.09	0.91	1.72
Finger millet	251,474.81	66.07	14.37	14.5	1.6	1.92	1.54
Oats "Aja"	2,441.79	66.25	21.25	12.5	-	-	-
Rice	374.63	73.33	6.67	16.67	3.33	-	-
Pulses	157,101.09	71.16	14	12.88	0.72	-	1.24
Horse beans	80,538.06	73.15	13.39	11.21	1.03	-	1.21
Field peas	34,699.75	62.5	17.21	17.65	-	-	2.65
Haricot beans	22,554.62	84.23	9.33	5.38	-	-	1.06
Chick – peas	4,166.76	73.33	12.5	11.67	2.5	-	-
Lentils	282.05	41.67	23.33	35	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	14,329.45	21.25	33.75	40	2.5	-	2.5
Fenugreek	530.39	65	15.54	19.29	-	-	0.18
Gibto	-	-	-	-	-	-	-
Oilseeds	426,600.60	14.44	11.72	72.16	1.08	-	0.6
Neug	212,954.04	12.11	13.64	71.82	1.63	-	0.8
Linseed	383.37	87	7	4	-	-	2
Groundnuts	67,726.84	19.91	12.7	67.17	-	-	0.21
Safflower	1,638.53	61.43	8.57	30	-	-	-
Sesame	140,039.01	5.39	9.15	84.51	0.76	-	0.19
Rapeseed	3,858.82	61.3	8.04	28.91	-	-	1.74
Vegetables	87,535.98	84.13	0.58	13.83	0.1	-	1.35
Lettuce	-	-	-	-	-	-	-
Head cabbage	1,650.67	80.21	-	19.79	-	-	-
Ethiopian cabbage	3,716.34	89.5	-	10.5	-	-	-
Tomatoes	36,797.49	43.13	-	53.13	0.63	-	3.13
Green peppers	8,011.96	80.09	0.47	17.08	-	-	2.36
Red peppers	37,342.92	86.38	0.75	11.43	0.13	-	1.32
Swiss chard	16.61	100	-	-	-	-	-
Root Crops	150,666.96	72.63	5.58	20.41	-	0.09	1.28
Beetroot	3,120.70	75.45	0.23	23.86	-	-	0.45
Carrot	1,440.14	68	-	32	-	-	-
Onion	9,587.72	72.12	1.36	23.48	-	-	3.03
Potatoes	9,791.54	58.33	16.33	24	-	-	1.33
Garlic	15,483.00	69.29	12.17	17.07	-	-	1.47
Taro / 'Godere'	3,873.48	81.43	7.14	11.07	-	-	0.36
Sweet potatoes	107,370.38	74.67	1.95	21.81	-	0.29	1.29
Permanent crops	166,329.66	57.41	0.85	39.07	0.4	0.02	2.25
Avocados	566.49	-	-	-	-	-	-
Bananas	23,155.76	49.41	0.65	46.34	-	0.11	3.49
Guavas	22.13	-	-	-	-	-	-
Lemons	491.84	80	-	13.33	-	-	6.67
Mangoes	40,902.63	63.1	0.29	30.63	0.4	-	5.57
Oranges	2,337.97	83.33	-	13.33	-	-	3.33
Papayas	9,965.36	81	-	18.25	-	-	0.75
Pineapples	-	-	-	-	-	-	-
Chat	5,225.97	19.83	1.25	77.83	0.75	-	0.33
Coffee	62,294.00	79.22	0.78	17.91	0.78	-	1.31
Hops (Gesho)	5,777.63	34.55	0.56	63.43	0.11	-	1.35
Enset	461.39	90	-	10	-	-	-
Sugar cane	15,128.49	57.6	5.2	35.8	-	-	1.4

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	4,812,506.39	64.17	10.68	17.64	4.36	0.54	2.61
Cereals	4,454,185.41	67.1	11.12	13.23	4.63	0.77	3.15
Teff	766,610.87	62.86	13.35	14.57	6.44	0.16	2.63
Barley	82,905.99	66.46	12.44	13.01	5.28	0.54	2.27
Wheat	54,309.43	64.52	13.2	15.8	5.01	0.23	1.24
Maize	2,361,982.34	70.14	10.53	10.91	2.96	1.32	4.13
Sorghum	1,016,561.74	70.38	9.37	12.01	4.51	0.82	2.92
Finger millet	122,252.11	63.24	9.05	14.02	9.18	0.6	3.91
Oats "Aja"	83.23	80	20	-	-	-	-
Rice	49,479.71	44.69	12.98	40.88	-	0.06	1.4
Pulses	229,230.74	70.5	9.77	14.69	3.47	-	1.57
Horse beans	84,131.07	71.63	9.49	13.17	4.21	-	1.5
Field peas	36,740.42	69.31	10.56	12.67	6.78	-	0.67
Haricot beans	40,649.20	82.77	7.35	6.64	1.75	-	1.5
Chick – peas	18,627.95	49.94	10.59	22.65	12.71	-	4.12
Lentils	-	-	-	-	-	-	-
Vetch	443.56	67.5	7.5	-	-	-	25
Soya beans	48,243.97	35.46	15.28	46.56	0.98	-	1.72
Fenugreek	394.56	55.2	17	27.2	-	-	0.6
Gibto	-	-	-	-	-	-	-
Oilseeds	129,090.24	23.01	9.24	62.56	4.4	0.04	0.74
Neug	37,993.59	27.94	10.36	54.38	6.54	-	0.79
Linseed	785.01	70.56	6.67	20.56	-	-	2.22
Groundnuts	30,989.87	24	11.96	49.38	13.42	0.42	0.83
Safflower	-	-	-	-	-	-	-
Sesame	57,739.71	4.34	8.43	85.4	1.3	-	0.53
Rapeseed	1,582.06	65.16	5.37	29.21	-	-	0.26
Vegetables	107,821.93	72.21	1.55	23.1	1.19	0.02	1.92
Lettuce	-	-	-	-	-	-	-
Head cabbage	6,744.61	86.03	-	11.93	0.67	-	1.37
Ethiopian cabbage	16,417.14	89.21	1.34	6.78	0.2	-	2.48
Tomatoes	1,087.91	57.5	-	41.88	-	-	0.63
Green peppers	13,443.01	79.73	0.23	17.97	-	-	2.08
Red peppers	70,125.74	55.08	3.04	37.41	2.6	0.05	1.82
Swiss chard	3.52	100	-	-	-	-	-
Root Crops	190,843.98	79.64	3.31	12.38	0.24	2.52	1.9
Beetroot	4,603.84	84.34	0.58	12.27	0.47	-	2.35
Carrot	1,701.19	66.07	-	29.29	-	-	4.64
Onion	2,115.03	82.06	0.66	16	-	-	1.29
Potatoes	7,699.99	68.42	1.32	29.74	-	-	0.53
Garlic	2,892.81	81.74	3.86	13.14	-	-	1.26
Taro / 'Godere'	68,076.69	83.85	7.41	6.03	0.18	0.12	2.41
Sweet potatoes	103,754.44	72.38	0.81	15.34	0.41	9.89	1.16
Permanent crops	690,552.91	58.72	1.44	35.5	1.26	0.27	2.82
Avocados	3,253.81	63.04	-	33.91	0.87	-	2.17
Bananas	35,569.11	53.16	0.11	44.69	0.06	-	1.98
Guavas	12,496.33	56.67	-	32.22	-	-	11.11
Lemons	145.63	46.25	-	53.75	-	-	-
Mangoes	24,660.42	59.88	-	35.74	0.24	-	4.14
Oranges	2,472.72	72.81	-	25.63	-	-	1.56
Papayas	36,949.54	71.72	-	25.92	0.12	-	2.24
Pineapples	40.74	80	-	20	-	-	-
Chat	23,593.71	37.57	2.66	54.24	0.88	-	4.65
Coffee	374,792.93	52.18	0.93	43.41	1.9	-	1.57
Hops (Gesho)	502.03	43.5	3.33	50.4	-	-	2.77
Enset	17,646.11	86.06	2.39	4.2	2.49	1.06	3.8
Sugar cane	158,429.82	48.17	4.51	43.24	0.28	1.27	2.54

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	8,882,594.50	62.02	14.28	18.48	2.68	0.33	2.21
Cereals	8,156,637.14	66.39	14.02	13.75	3.03	0.42	2.39
Teff	1,992,340.53	61.65	16.35	17.4	2.79	0.13	1.68
Barley	268,488.53	64.23	18.93	11.36	3.33	0.52	1.63
Wheat	601,855.08	58.43	18.4	17.46	3.64	0.09	1.98
Maize	4,202,404.37	70.63	10.8	10.98	3.03	0.83	3.73
Sorghum	1,054,599.27	73.27	9.4	11.71	2.91	0.44	2.28
Finger millet	21,404.27	73.1	10.1	12.3	2.5	-	2
Oats "Aja"	15,545.09	70.94	20.94	5	1.88	-	1.25
Rice	-	-	-	-	-	-	-
Pulses	619,051.81	54.64	16.57	25.75	1.54	0.03	1.47
Horse beans	509,687.93	50.2	16.41	29.94	1.57	0.05	1.83
Field peas	94,074.94	43.37	21.15	32.69	1.92	-	0.87
Haricot beans	12,159.58	77.53	12.83	6.75	1.67	-	1.22
Chick – peas	1,229.43	70	30	-	-	-	-
Lentils	1,534.77	61.67	24.33	13.33	-	-	0.67
Vetch	-	-	-	-	-	-	-
Soya beans	45.77	99	1	-	-	-	-
Fenugreek	64.97	41.5	0.67	57.83	-	-	-
Gibto	254.43	-	-	-	-	-	-
Oilseeds	106,905.54	34.01	12.87	50.07	1.34	-	1.72
Neug	45,976.44	19.08	9.61	68.11	2.97	-	0.23
Linseed	15,711.52	57.24	17.53	22.61	0.66	-	1.97
Groundnuts	25,264.72	20	10.22	49.78	-	-	20
Safflower	-	-	-	-	-	-	-
Sesame	12,873.97	12.19	9.69	78.13	-	-	-
Rapeseed	7,078.90	48.91	14	37.09	-	-	-
Vegetables	232,770.85	82.93	1.07	13.32	0.1	0.02	2.55
Lettuce	-	-	-	-	-	-	-
Head cabbage	7,423.41	81.74	1.92	14.49	-	-	1.85
Ethiopian cabbage	165,587.35	86.03	0.79	10.33	-	0.03	2.82
Tomatoes	3,264.16	75	-	25	-	-	-
Green peppers	21,530.52	89.6	0.77	8.2	-	-	1.44
Red peppers	34,958.53	58.97	2.67	34.05	0.86	-	3.45
Swiss chard	6.89	-	-	-	-	-	-
Root Crops	367,792.36	77.62	12.76	6.86	0.02	0.09	2.64
Beetroot	9,053.95	73.22	-	19.28	-	-	7.5
Carrot	558.18	78.33	-	21.67	-	-	-
Onion	8,104.36	71.67	2.92	25.42	-	-	-
Potatoes	11,106.19	59.25	14.38	23.25	-	-	3.13
Garlic	11,225.76	69.5	8.75	20.25	-	-	1.5
Taro / 'Godere'	315,226.78	78.48	14.64	4.03	0.03	0.12	2.7
Sweet potatoes	12,517.12	89.26	7.22	2.59	-	-	0.93
Permanent crops	2,357,121.43	59.59	0.57	34.38	1.02	0.3	4.14
Avocados	83,061.06	41.46	1.65	53.73	-	-	3.16
Bananas	220,635.40	49.56	0.28	46.44	0.04	0.26	3.42
Guavas	2,071.09	76.06	0.1	16.83	-	-	7.02
Lemons	224.04	10	-	90	-	-	-
Mangoes	64,172.80	54.15	0.24	40.82	-	-	4.78
Oranges	59,395.05	49.64	-	42.36	0.18	-	7.82
Papayas	39,625.93	69.67	0.8	25.9	-	0.05	3.58
Pineapples	488.69	75.83	-	24.17	-	-	-
Chat	140,382.50	44.36	0.9	47.47	0.03	-	7.24
Coffee	837,785.43	55.78	0.17	41.5	1.28	-	1.27
Hops (Gesho)	3,262.13	12.92	-	77.08	-	-	10
Enset	339,745.20	83.95	0.73	6.91	3.59	0.97	3.85
Sugar cane	566,272.10	64.91	0.76	29.28	-	0.79	4.26

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	11,262,435.49	58.49	16.6	22.26	0.86	0.29	1.5
Cereals	10,114,313.27	60.67	16.2	20.1	1.03	0.37	1.62
Teff	2,486,516.29	47.4	16.56	33.58	1.1	-	1.36
Barley	1,112,367.64	60.31	24.81	10.95	0.15	1.67	2.1
Wheat	1,048,757.38	60.91	21.02	15.61	0.38	0.02	2.07
Maize	3,541,247.33	68.59	9.86	18.3	1.38	0.34	1.52
Sorghum	1,914,580.54	68.5	12.74	15.49	1.86	0.1	1.31
Finger millet	3,594.09	72.5	5	22.5	-	-	-
Oats "Aja"	7,249.99	51.67	21.33	21	-	3.33	2.67
Rice	-	-	-	-	-	-	-
Pulses	973,006.79	58.7	18.21	21.7	0.25	-	1.14
Horse beans	361,941.09	67.55	18.01	12.63	0.39	-	1.42
Field peas	129,344.28	46.18	23.55	26.73	0.18	-	3.36
Haricot beans	6,383.18	86.67	13.33	-	-	-	-
Chick – peas	213,643.16	65.67	12.83	21	0.33	-	0.17
Lentils	19,181.62	47.4	22.15	30.45	-	-	-
Vetch	240,092.27	43.55	18.31	38.14	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	2,421.19	26.43	20	52.86	-	-	0.71
Gibto	-	-	-	-	-	-	-
Oilseeds	175,115.43	21.85	16.53	60.09	0.54	-	0.99
Neug	126,438.02	14.1	14.18	70.74	0.98	-	-
Linseed	36,940.59	6.52	29.57	63.48	-	-	0.43
Groundnuts	3,001.33	50	50	-	-	-	-
Safflower	2,294.66	55	30	15	-	-	-
Sesame	1,394.32	20	20	60	-	-	-
Rapeseed	5,046.50	53.7	6.96	35	-	-	4.35
Vegetables	352,768.13	64.37	1.75	32.99	0.2	-	0.7
Lettuce	-	-	-	-	-	-	-
Head cabbage	18,952.74	70.53	2.63	25	-	-	1.84
Ethiopian cabbage	54,467.97	76.3	1.31	21.72	-	-	0.67
Tomatoes	110,592.47	30	-	70	-	-	-
Green peppers	8,071.71	73.75	1.88	23.88	-	-	0.5
Red peppers	160,183.29	47.41	2.23	49.13	0.54	-	0.68
Swiss chard	499.95	86.67	-	13.33	-	-	-
Root Crops	515,442.51	57.56	15.11	26.79	0.03	-	0.51
Beetroot	5,935.63	72.36	-	27.64	-	-	-
Carrot	388.89	91.25	-	8.75	-	-	-
Onion	28,863.52	59.76	5.24	34.02	0.24	-	0.73
Potatoes	337,978.80	56.08	17.63	25.48	-	-	0.81
Garlic	93,285.93	51.7	21.17	26.78	-	-	0.34
Taro / 'Godere'	253.38	100	-	-	-	-	-
Sweet potatoes	48,736.37	63.33	8.89	26.67	-	-	1.11
Permanent crops	104,466.13	67.46	0.67	27.38	0.58	0.74	3.17
Avocados	-	-	-	-	-	-	-
Bananas	12,844.14	45.4	-	52	-	-	2.6
Guavas	14.94	40	-	60	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	2,289.95	55.83	-	40.83	3.33	-	-
Oranges	869.03	75	-	25	-	-	-
Papayas	1,157.63	83.33	-	15	-	-	1.67
Pineapples	-	-	-	-	-	-	-
Chat	1,063.19	15.56	-	81.11	-	-	3.33
Coffee	2,673.58	74.09	4.55	21.36	-	-	-
Hops (Gesho)	11,636.26	63.13	0.63	30.94	-	-	5.31
Enset	26,899.48	88.55	0.79	5.13	1.36	1.93	2.24
Sugar cane	45,017.93	42.52	-	54.96	-	0.09	2.43

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	6,844,546.77	60.84	20.27	15.52	1.48	0.97	0.91
Cereals	5,649,966.65	66.41	18.91	11.72	1.27	0.52	1.16
Teff	2,044,701.26	57.82	18.11	21.61	1.43	0.02	1.01
Barley	1,085,331.95	68.87	22.45	2.2	2.71	2.77	1
Wheat	997,170.18	61.89	24.87	11.07	1.27	0.01	0.89
Maize	168,790.99	85.82	11.04	1.44	-	0.26	1.43
Sorghum	1,336,104.90	73.25	11.3	13.17	0.35	-	1.93
Finger millet	1,954.05	-	-	-	-	-	-
Oats "Aja"	15,913.32	50	38.33	10	1.67	-	-
Rice	-	-	-	-	-	-	-
Pulses	1,163,823.23	50.42	23.6	21.56	1.88	2.14	0.39
Horse beans	603,114.86	60.65	23.81	13.25	1.83	0.04	0.42
Field peas	86,521.40	53.4	29.93	12.67	3.33	-	0.67
Haricot beans	891.41	48	24.5	25.83	-	1.17	0.5
Chick – peas	160,351.77	51.7	20.46	26.1	1.26	-	0.49
Lentils	97,852.01	27.55	29.27	40.8	2.02	-	0.36
Vetch	214,443.49	41.87	18.24	27.07	1.72	10.94	0.16
Soya beans	-	-	-	-	-	-	-
Fenugreek	648.28	12	14	74	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	30,756.89	31.84	19.37	46.13	2.42	-	0.24
Neug	19,379.67	37.5	14.93	47.23	-	-	0.33
Linseed	11,377.22	22.91	29.39	41.17	6.52	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	24,444.89	96.24	1.24	2.28	-	-	0.24
Lettuce	-	-	-	-	-	-	-
Head cabbage	6.15	-	-	-	-	-	-
Ethiopian cabbage	19,596.08	96.22	1.12	2.45	-	-	0.21
Tomatoes	18	-	-	-	-	-	-
Green peppers	4,209.93	100	-	-	-	-	-
Red peppers	515.2	98	-	-	-	-	2
Swiss chard	99.53	100	-	-	-	-	-
Root Crops	175,029.32	62.4	19.46	17.35	0.05	-	0.73
Beetroot	265.35	64.29	-	35.71	-	-	-
Carrot	80.6	52.5	-	47.5	-	-	-
Onion	2,672.86	74	9	17	-	-	-
Potatoes	56,145.01	65.75	13.25	20.25	0.5	-	0.25
Garlic	115,865.49	61.19	22.24	15.68	-	-	0.9
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	42,661.57	66.45	0.37	31.61	-	-	1.57
Avocados	-	-	-	-	-	-	-
Bananas	1.82	100	-	-	-	-	-
Guavas	6.51	55	10	35	-	-	-
Lemons	93.14	5	-	95	-	-	-
Mangoes	555.28	82.5	-	15	-	-	2.5
Oranges	3,136.12	24.75	-	74	-	-	1.25
Papayas	255.33	25	-	71.25	-	-	3.75
Pineapples	-	-	-	-	-	-	-
Chat	1,274.30	10	-	85	-	-	5
Coffee	2,008.43	87	-	12	-	-	1
Hops (Gesho)	4,761.90	77.35	0.3	21.23	-	-	1.12
Enset	1,563.07	100	-	-	-	-	-
Sugar cane	29,005.66	36.5	-	58.8	-	-	4.7

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	7,548,911.62	49.03	14.05	35.53	0.35	0.29	0.74
Cereals	6,430,924.31	53.51	14.14	30.83	0.38	0.31	0.84
Teff	2,705,780.81	33.01	13.97	51.88	0.65	0.1	0.38
Barley	132,926.43	68.34	17.95	11.18	0.05	0.56	1.92
Wheat	978,162.99	54.58	17.74	26.49	0.34	0.25	0.6
Maize	2,123,350.42	74.16	10.44	13.26	0.22	0.65	1.27
Sorghum	489,115.45	62.1	10.84	25.79	0.16	-	1.11
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	1,588.21	49.29	10	40.71	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	1,116,798.69	39.97	13.94	44.98	0.3	0.28	0.53
Horse beans	163,673.00	59.31	13.78	26.18	0.08	-	0.65
Field peas	47,714.64	50.88	18.44	28.48	1.4	0.2	0.6
Haricot beans	366,296.69	39.23	15.64	43.94	0.2	0.79	0.2
Chick – peas	340,707.07	27.81	13.23	57.77	0.41	0.1	0.67
Lentils	145,073.13	16.69	13.6	68.95	0.12	0.06	0.58
Vetch	51,340.14	53.37	9.13	35.65	0.76	0.54	0.54
Soya beans	-	-	-	-	-	-	-
Fenugreek	1,994.01	18.57	15.71	64.29	-	-	1.43
Gibto	-	-	-	-	-	-	-
Oilseeds	1,188.62	56.25	11.25	31.67	-	-	0.83
Neug	-	-	-	-	-	-	-
Linseed	1,188.62	80	3.33	16.67	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	181,673.36	83.4	0.8	13.13	-	-	2.67
Lettuce	-	-	-	-	-	-	-
Head cabbage	740.92	100	-	-	-	-	-
Ethiopian cabbage	72,147.92	85.53	0.26	11.32	-	-	2.89
Tomatoes	73,058.84	51.25	-	43.75	-	-	5
Green peppers	6,338.38	92.08	0.42	5.42	-	-	2.08
Red peppers	29,387.30	22.5	10	62.5	-	-	5
Swiss chard	-	-	-	-	-	-	-
Root Crops	166,014.62	70	1.48	27.69	-	-	0.83
Beetroot	819.42	90	-	10	-	-	-
Carrot	18.84	100	-	-	-	-	-
Onion	116,067.38	47.95	2.05	48.86	-	-	1.14
Potatoes	41,200.62	75.71	-	21.43	-	-	2.86
Garlic	5,643.10	88.81	1.67	9.52	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	2,265.27	50	-	50	-	-	-
Permanent crops	120,160.17	57.88	0.19	41.83	-	-	0.1
Avocados	9.35	100	-	-	-	-	-
Bananas	733.95	10	-	90	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	186.61	-	-	-	-	-	-
Mangoes	18.41	-	-	-	-	-	-
Oranges	1,091.16	50	-	50	-	-	-
Papayas	494.64	68	-	32	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	34,009.86	-	-	-	-	-	-
Coffee	105.86	100	-	-	-	-	-
Hops (Gesho)	14,620.24	57.27	-	42.58	-	-	0.15
Enset	-	-	-	-	-	-	-
Sugar cane	68,890.09	20	1.67	78.33	-	-	-

TABLE 1.4.8- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Arsi

Type of Crop	Total Production (Quintal)	Percent Utilized for: Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	11,725,845.45	49.21	19.18	28.12	2.26	0.14	1.09
Cereals	10,601,802.52	52.73	19.71	23.39	2.49	0.2	1.47
Teff	1,046,915.49	25	28.33	44.67	1.33	-	0.67
Barley	2,450,042.65	54.38	22.34	18.56	3.13	0.41	1.18
Wheat	4,385,513.41	42.57	22.47	32.19	2.13	-	0.64
Maize	1,772,401.56	63.16	11.84	19.39	2.65	-	2.96
Sorghum	931,068.44	77.27	15	4.55	0.91	0.91	1.36
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	15,860.97	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	985,349.30	44.8	18.35	34.65	1.96	-	0.24
Horse beans	632,777.16	49.86	16	31	2.91	-	0.23
Field peas	186,550.55	48.91	19.83	31.26	-	-	-
Haricot beans	125,644.85	30.67	23	42.67	3	-	0.67
Chick – peas	7,455.11	-	-	-	-	-	-
Lentils	12,864.21	15	7.5	77.5	-	-	-
Vetch	13,164.00	-	-	-	-	-	-
Soya beans	236.93	-	-	-	-	-	-
Fenugreek	6,656.49	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	138,693.64	11.67	5	73.33	-	-	-
Neug	4,036.58	-	-	-	-	-	-
Linseed	126,317.01	11.88	15.63	72.5	-	-	-
Groundnuts	6,133.77	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	112.8	-	-	-	-	-	-
Rapeseed	2,093.48	10	10	80	-	-	-
Vegetables	133,543.47	48.18	-	50.68	-	-	1.14
Lettuce	-	-	-	-	-	-	-
Head cabbage	12,325.35	3.33	-	96.67	-	-	-
Ethiopian cabbage	67,174.53	53.33	-	45.28	-	-	1.39
Tomatoes	17,239.23	-	-	-	-	-	-
Green peppers	17,058.66	90	-	10	-	-	-
Red peppers	19,702.74	-	-	-	-	-	-
Swiss chard	42.95	-	-	-	-	-	-
Root Crops	836,196.52	34.13	25.21	39.38	-	-	1.29
Beetroot	19,145.05	100	-	-	-	-	-
Carrot	40,246.21	100	-	-	-	-	-
Onion	422,539.17	-	-	-	-	-	-
Potatoes	124,166.96	27.59	32.06	39.59	-	-	0.76
Garlic	135,714.71	12.5	15	68	-	-	4.5
Taro / 'Godere'	1,467.59	-	-	-	-	-	-
Sweet potatoes	92,916.82	-	-	-	-	-	-
Permanent crops	121,491.48	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	6,016.61	-	-	-	-	-	-
Guavas	610.08	-	-	-	-	-	-
Lemons	0.64	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	570.47	-	-	-	-	-	-
Papayas	4,255.68	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	22,375.63	-	-	-	-	-	-
Coffee	56,732.13	-	-	-	-	-	-
Hops (Gesho)	5,998.04	-	-	-	-	-	-
Enset	7,002.21	-	-	-	-	-	-
Sugar cane	17,929.99	-	-	-	-	-	-

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	4,158,746.26	69.39	15.83	11.71	0.25	1.11	1.71
Cereals	3,798,798.43	71.99	15.11	9.11	0.3	1.52	1.96
Teff	162,108.94	57.61	13.2	27.2	0.54	-	1.46
Barley	69,508.84	62.08	28.69	5.76	-	2.37	1.1
Wheat	63,442.68	65.54	29.16	4.62	-	-	0.68
Maize	1,029,673.55	75.6	14.69	5.15	0.45	2.28	1.83
Sorghum	2,444,459.83	75.65	10.94	9.05	0.25	1.45	2.66
Finger millet	27,853.56	82.28	7.21	7.98	-	-	2.53
Oats "Aja"	1,751.03	77.5	22.5	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	284,935.02	63.45	17.65	17.68	0.13	0.09	1.01
Horse beans	17,036.90	77.96	16.86	3.86	-	-	1.33
Field peas	3,786.06	67.84	22.68	3.68	-	-	5.79
Haricot beans	240,483.90	60.66	18.35	19.79	0.22	0.15	0.84
Chick – peas	15,452.69	53.91	13.13	31.22	-	-	1.74
Lentils	4,004.35	68.8	24	7	-	-	0.2
Vetch	855.11	77.5	8.75	13.75	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	3,316.01	63.21	13.37	23.26	-	-	0.16
Gibto	-	-	-	-	-	-	-
Oilseeds	75,012.80	61.2	17.56	19.92	-	-	1.33
Neug	174.35	76.67	23.33	-	-	-	-
Linseed	3,159.19	72.53	17.51	9.67	-	-	0.29
Groundnuts	37,756.41	32.66	12.59	49.47	-	-	5.28
Safflower	-	-	-	-	-	-	-
Sesame	33,586.51	56.96	22.3	20.74	-	-	-
Rapeseed	336.35	100	-	-	-	-	-
Vegetables	200,959.88	62.7	2.55	33.06	-	-	1.7
Lettuce	-	-	-	-	-	-	-
Head cabbage	6,446.77	71.67	-	28.33	-	-	-
Ethiopian cabbage	656.16	50	-	50	-	-	-
Tomatoes	87,415.43	51	-	48.33	-	-	0.67
Green peppers	8,074.13	86.96	0.54	9.29	-	-	3.21
Red peppers	98,364.63	57.55	3.66	37.19	-	-	1.6
Swiss chard	2.76	-	-	-	-	-	-
Root Crops	938,379.41	69.01	7.05	16.36	0.05	5.06	2.47
Beetroot	2,069.17	17.5	-	82.5	-	-	-
Carrot	224.77	75	-	25	-	-	-
Onion	290,000.63	27.83	23.18	46.8	-	-	2.19
Potatoes	19,147.92	43.53	31.76	24.71	-	-	-
Garlic	1,029.57	80	10	-	-	-	10
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	625,907.36	84.78	0.19	5.09	0.07	7.18	2.7
Permanent crops	794,404.08	40.68	0.41	50.13	0.92	1.2	6.66
Avocados	22.54	93.33	-	3.33	-	-	3.33
Bananas	50,037.06	41.76	1.37	49.41	-	-	7.45
Guavas	844.8	73.1	-	8.62	-	-	18.28
Lemons	148.05	63.33	-	11.67	-	-	25
Mangoes	1,691.80	95.42	-	2.5	-	-	2.08
Oranges	475.2	64.4	-	29.35	-	-	6.25
Papayas	3,988.14	72.35	1.18	20.59	-	-	5.88
Pineapples	-	-	-	-	-	-	-
Chat	202,193.52	42.41	0.23	47.16	1.63	-	8.58
Coffee	93,207.37	26.67	0.69	70.35	0.34	-	1.95
Hops (Gesho)	621.32	56.5	-	36	-	-	7.5
Enset	-	-	-	-	-	-	-
Sugar cane	441,174.28	28.17	-	43.38	-	24.88	3.57

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	4,801,428.21	76.19	14.67	7.04	0.3	0.44	1.36
Cereals	4,328,610.74	80.32	13.79	3.5	0.24	0.58	1.58
Teff	138,414.86	62.16	13.54	23.97	-	-	0.33
Barley	73,499.10	72.74	24.61	1.55	0.17	0.34	0.59
Wheat	188,545.61	73.68	19.02	6.09	0.11	0.23	0.87
Maize	1,190,226.22	84.94	11.09	1.45	0.12	0.78	1.62
Sorghum	2,724,690.61	82.2	12.42	2.07	0.47	0.64	2.2
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	13,234.34	77.77	20.31	1.15	-	-	0.77
Rice	-	-	-	-	-	-	-
Pulses	212,646.84	75.21	14.89	9.2	-	0.1	0.59
Horse beans	56,520.06	66.4	17.32	14.89	-	-	1.39
Field peas	23,400.87	70.75	17.06	12.19	-	-	-
Haricot beans	115,643.03	80.69	13.41	5.43	-	0.05	0.41
Chick – peas	3,023.19	59.38	16.25	19.38	-	3.75	1.25
Lentils	2,187.39	58.33	29.67	12	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	11,872.31	75.96	12.75	10.81	-	-	0.49
Gibto	-	-	-	-	-	-	-
Oilseeds	260,170.63	48.66	20.51	28.57	1.23	-	1.03
Neug	-	-	-	-	-	-	-
Linseed	24,980.95	70.27	17.48	12.07	-	-	0.18
Groundnuts	224,410.04	30.82	23.51	41.76	2.19	-	1.72
Safflower	-	-	-	-	-	-	-
Sesame	10,406.22	78.06	10.28	11.67	-	-	-
Rapeseed	373.43	100	-	-	-	-	-
Vegetables	11,270.67	70.96	3.85	19.04	-	5.77	0.38
Lettuce	830.99	-	-	-	-	100	-
Head cabbage	3,094.75	74	-	16	-	10	-
Ethiopian cabbage	1,369.29	30	50	20	-	-	-
Tomatoes	82.37	-	-	-	-	-	-
Green peppers	4,292.46	78.08	-	21.92	-	-	-
Red peppers	1,600.82	80	-	18	-	-	2
Swiss chard	-	-	-	-	-	-	-
Root Crops	1,204,962.33	80.68	4.23	11.88	0.04	1.67	1.5
Beetroot	190.43	100	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	21,681.59	36.5	31	32.5	-	-	-
Potatoes	180,908.92	31.38	15.86	52.33	-	-	0.43
Garlic	38,493.93	28.25	30.75	40.5	-	-	0.5
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	963,687.46	92.33	0.03	3.72	0.05	2.09	1.79
Permanent crops	1,162,704.88	32.7	1.08	60.79	0.66	0.34	4.43
Avocados	4,558.44	47.5	-	47.5	-	-	5
Bananas	53,344.12	48.25	-	50.49	-	-	1.25
Guavas	2,106.51	70	-	13.85	-	-	16.15
Lemons	16.19	2	-	93	-	-	5
Mangoes	5,438.77	68	-	24	-	-	8
Oranges	479.42	80	-	20	-	-	-
Papayas	6,228.48	59.55	0.91	39.09	-	-	0.45
Pineapples	-	-	-	-	-	-	-
Chat	789,730.81	33.82	1.42	58.26	0.93	0.11	5.46
Coffee	41,989.71	16.4	0.11	82.69	0.05	-	0.76
Hops (Gesho)	41.23	30	-	60	-	-	10
Enset	148.95	-	-	-	-	-	-
Sugar cane	258,622.26	36.35	2.69	47.88	-	10.19	2.88

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	5,518,260.22	51.75	21.14	24.19	0.24	0.72	1.95
Cereals	4,952,196.64	55.88	20.95	19.78	0.25	0.86	2.28
Teff	474,547.65	52.85	22.65	22.85	0.23	-	1.42
Barley	786,993.43	62.32	27.72	6.83	0.23	0.95	1.94
Wheat	2,755,765.71	40.63	19.72	35.31	0.36	0.06	3.91
Maize	487,554.60	77.69	10.73	7.17	0.17	3.08	1.16
Sorghum	142,863.52	72.56	18.28	6.59	-	-	2.56
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	304,471.73	53.57	22.84	21.4	0.19	0.96	1.04
Rice	-	-	-	-	-	-	-
Pulses	295,008.17	54.14	20.34	24.32	0.08	0.47	0.66
Horse beans	163,275.18	59.32	15.07	24.33	0.11	0.17	1
Field peas	76,713.90	49.73	22.75	27.25	0.18	-	0.09
Haricot beans	25,935.59	61.2	25.65	12.78	-	-	0.37
Chick – peas	11,658.38	38.64	18.64	42.73	-	-	-
Lentils	9,474.42	55.53	19.21	25	-	-	0.26
Vetch	295.87	-	10	-	-	90	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	7,654.82	25	27.86	43.57	-	0.71	2.86
Gibto	-	-	-	-	-	-	-
Oilseeds	271,055.40	7.45	24.64	65.81	0.51	-	1.58
Neug	907.41	50	10	40	-	-	-
Linseed	137,584.44	9.36	19.08	71.22	0.34	-	-
Groundnuts	39.82	-	100	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	132,522.80	1.64	29.62	64.49	0.75	-	3.49
Rapeseed	0.94	66.5	33.5	-	-	-	-
Vegetables	75,568.91	66.75	2.13	29.41	-	-	1.71
Lettuce	-	-	-	-	-	-	-
Head cabbage	2,473.17	60	-	36.67	-	-	3.33
Ethiopian cabbage	26,583.26	80.65	-	17.26	-	-	2.1
Tomatoes	826.74	100	-	-	-	-	-
Green peppers	12,122.21	86.85	-	10.77	-	-	2.38
Red peppers	33,428.87	27.5	9.06	63.44	-	-	-
Swiss chard	134.66	10	-	90	-	-	-
Root Crops	92,029.32	61.38	6.98	26.9	-	1.55	3.19
Beetroot	1,494.65	55	-	41.67	-	-	3.33
Carrot	225.43	86.67	-	13.33	-	-	-
Onion	41,929.88	47.35	10.29	40.59	-	-	1.76
Potatoes	9,589.14	75.5	9	14.5	-	-	1
Garlic	1,351.71	16	28	56	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	37,438.51	74.75	-	14	-	4.5	6.75
Permanent crops	610,489.85	29.58	0.98	61.89	2.35	0.26	4.94
Avocados	180.89	30	-	70	-	-	-
Bananas	41,150.30	36.58	-	58.16	-	-	5.26
Guavas	806.48	90	-	-	-	-	10
Lemons	1,357.57	-	-	-	-	-	-
Mangoes	8,706.50	48.57	-	46.43	-	-	5
Oranges	49,696.15	36.5	-	57	-	-	6.5
Papayas	23,913.70	61.67	-	36.67	-	-	1.67
Pineapples	-	-	-	-	-	-	-
Chat	71,295.34	15.72	0.93	73.66	1.96	-	7.73
Coffee	84,529.09	25.25	1.27	64.56	5.32	-	3.61
Hops (Gesho)	4,989.68	42.41	-	55.09	0.68	-	1.82
Enset	68,121.46	89.29	-	7.86	-	1.79	1.07
Sugar cane	255,742.70	12.86	10	70.71	-	6.43	-

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	537,687.90	51.36	10.7	37	0.01	0.31	0.62
Cereals	357,853.84	38.6	12.68	47.35	0.03	0.53	0.83
Teff	28,507.51	27.8	12.07	60.12	-	-	-
Barley	8,716.32	33.03	22.58	43.94	-	-	0.45
Wheat	75,328.75	26.11	13.11	60.56	-	-	0.22
Maize	177,698.37	52.75	7.11	38.45	0.07	1.41	0.21
Sorghum	67,602.89	57	20	10	-	0.5	12.5
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	179,834.06	69.86	7.83	21.99	-	-	0.33
Horse beans	2,267.80	52.5	7.5	40	-	-	-
Field peas	918.15	52.5	7.5	40	-	-	-
Haricot beans	175,587.13	71.11	7.82	20.73	-	-	0.34
Chick – peas	1,060.99	10	10	80	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	79,378.36	79.6	0.25	19.39	0.18	-	0.58
Lettuce	-	-	-	-	-	-	-
Head cabbage	246.73	10	-	90	-	-	-
Ethiopian cabbage	77,153.95	82.46	0.29	16.39	0.2	-	0.66
Tomatoes	350.66	-	-	-	-	-	-
Green peppers	1,457.85	59.55	-	40.45	-	-	-
Red peppers	169.17	68	-	32	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	108,937.48	68.17	-	30.74	0.15	-	0.94
Beetroot	194.52	10	-	90	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	2,197.42	71.67	-	23.33	-	-	5
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	8,324.36	93.1	-	6.9	-	-	-
Sweet potatoes	98,221.18	57.62	-	41.15	0.23	-	1
Permanent crops	486,870.75	45.33	0.28	51.44	1.03	0.8	1.13
Avocados	5,218.31	47.86	-	50.71	-	-	1.43
Bananas	24,160.09	24.91	-	74.56	-	-	0.53
Guavas	6.52	10	-	90	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	117	-	-	-	-	-	-
Oranges	140.99	100	-	-	-	-	-
Papayas	10,214.58	70	-	24.09	-	-	5.91
Pineapples	4.14	-	-	-	-	-	-
Chat	7,563.01	6.25	-	87.81	5.94	-	-
Coffee	125,943.65	24.22	0.7	72.76	1.35	0.11	0.87
Hops (Gesho)	259.84	-	-	100	-	-	-
Enset	149,121.48	82.41	-	14.1	0.42	1.61	1.46
Sugar cane	164,121.15	34.41	-	57.35	-	6.47	1.76

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	5,440,685.28	57.44	18.19	22.58	0.41	0.19	1.19
Cereals	4,354,747.74	58.16	18.04	21.95	0.57	0.11	1.18
Teff	2,078,189.43	44.67	17.05	35.93	0.83	0.03	1.48
Barley	313,695.53	60.6	24.95	13.42	0.28	0.14	0.6
Wheat	1,281,821.27	51.97	21.81	24.48	0.27	0.04	1.44
Maize	580,375.89	78.57	11.89	7.28	0.89	0.34	1.03
Sorghum	96,064.34	77.56	11.92	10.11	0.11	-	0.32
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	4,601.28	48.33	41.67	10	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	1,062,485.79	58.68	18.59	20.99	0.16	0.33	1.24
Horse beans	177,062.65	72.03	15.85	9.29	0.13	-	2.7
Field peas	139,226.54	55.47	20.18	22.79	0.39	-	1.16
Haricot beans	31,642.25	73.75	17.08	9.17	-	-	-
Chick – peas	486,760.73	52.37	21.71	25.22	0.18	0.03	0.51
Lentils	35,173.97	45.05	18.27	36.67	-	-	0.01
Vetch	191,401.15	50.85	17.56	28.88	0.16	2.09	0.47
Soya beans	-	-	-	-	-	-	-
Fenugreek	1,218.51	27.14	40.71	32.14	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	23,451.75	30.63	16.92	51.42	-	-	1.03
Neug	9,994.54	23.35	15.18	60	-	-	1.47
Linseed	11,936.61	16.39	20.28	62.22	-	-	1.11
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	1,520.59	48	17.56	34.04	-	-	0.4
Vegetables	158,226.96	86.38	1.06	11.93	-	-	0.63
Lettuce	-	-	-	-	-	-	-
Head cabbage	3,035.34	95	5	-	-	-	-
Ethiopian cabbage	45,392.90	89.33	1.08	9.16	-	-	0.43
Tomatoes	3,911.67	100	-	-	-	-	-
Green peppers	19,551.80	80.67	0.63	17.77	-	-	0.94
Red peppers	86,012.35	71.11	-	28.89	-	-	-
Swiss chard	322.89	81.67	-	13.33	-	-	5
Root Crops	85,826.98	78.87	9.8	11.12	-	-	0.21
Beetroot	4,379.28	88.4	-	11.6	-	-	-
Carrot	1,182.39	100	-	-	-	-	-
Onion	2,715.03	87.92	0.83	10.42	-	-	0.83
Potatoes	52,347.79	82.96	11.48	5.19	-	-	0.37
Garlic	23,993.82	67.38	14.71	17.92	-	-	-
Taro / 'Godere'	756.51	100	-	-	-	-	-
Sweet potatoes	452.16	100	-	-	-	-	-
Permanent crops	117,373.30	71.73	1.35	23.71	0.85	0.22	2.13
Avocados	684.34	35	-	65	-	-	-
Bananas	4,009.75	58.57	-	39.86	-	-	1.57
Guavas	18.44	30	-	60	-	-	10
Lemons	19.81	10	-	90	-	-	-
Mangoes	142.79	50	-	50	-	-	-
Oranges	496.71	75	-	20	-	-	5
Papayas	1,727.36	91.25	-	8.75	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	17,070.52	19.64	3.37	71.43	1.02	-	4.54
Coffee	871.43	91.79	-	6.15	-	-	2.05
Hops (Gesho)	17,985.07	66.3	1.36	31.6	-	-	0.74
Enset	67,246.27	91.14	0.87	4.19	1.45	0.46	1.88
Sugar cane	7,100.81	59.58	3.33	34.44	-	-	2.64

TABLE 1.4.14- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

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Type of Crop	Total Production (Quintal)	Percent Utilized for: Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	1,864,357.23	47.38	13.39	36.3	0.8	0.87	1.27
Cereals	1,535,845.24	48.31	13.87	34.17	1.03	1.17	1.45
Teff	170,146.27	22.59	17.28	54.57	2.84	1.6	1.11
Barley	472,428.81	43.47	15.49	36.58	1.34	0.9	2.21
Wheat	186,314.27	47.94	12.67	38.06	0.22	-	1.11
Maize	705,951.46	57.54	12.23	26.84	0.62	1.57	1.21
Sorghum	1,004.43	72.5	27.5	-	-	-	-
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	327,933.62	45.09	12.02	42.06	0.15	-	0.68
Horse beans	116,344.60	43.27	11.78	44	-	-	0.95
Field peas	49,058.06	27.81	17.34	54.84	-	-	-
Haricot beans	162,530.97	56.2	10.07	32.75	0.49	-	0.49
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	578.37	16.67	10	66.67	-	-	6.67
Neug	-	-	-	-	-	-	-
Linseed	61.02	-	10	90	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	517.35	-	20	80	-	-	-
Vegetables	179,768.43	71.71	2.18	23.99	0.1	-	2.01
Lettuce	-	-	-	-	-	-	-
Head cabbage	1,941.57	18.33	3.33	78.33	-	-	-
Ethiopian cabbage	172,776.75	72.46	2.31	23.13	0.11	-	2
Tomatoes	-	-	-	-	-	-	-
Green peppers	4,940.16	75	-	22.5	-	-	2.5
Red peppers	109.95	20	-	75	-	-	5
Swiss chard	-	-	-	-	-	-	-
Root Crops	67,487.32	34.09	6.82	56.82	0.83	0.08	1.36
Beetroot	2,197.18	19	2	79	-	-	-
Carrot	505.41	18.75	7.5	73.75	-	-	-
Onion	16,487.44	24.29	16.07	58.93	-	0.36	0.36
Potatoes	22,762.83	64.09	5.45	29.55	-	-	0.91
Garlic	10,312.96	25.77	2.31	71.92	-	-	-
Taro / 'Godere'	257.17	100	-	-	-	-	-
Sweet potatoes	14,964.33	33.33	5.28	54.17	3.06	-	4.17
Permanent crops	1,320,083.04	53.65	1.06	42.46	1.07	0.79	0.97
Avocados	26,056.64	18.68	-	80	-	-	1.32
Bananas	78,763.26	24.58	-	70.31	0.73	2.5	1.88
Guavas	-	-	-	-	-	-	-
Lemons	31.47	5	-	95	-	-	-
Mangoes	497.19	-	-	-	-	-	-
Oranges	12,526.29	50	-	50	-	-	-
Papayas	284.11	76.67	-	20	-	1.67	1.67
Pineapples	-	-	-	-	-	-	-
Chat	8,943.99	3.84	-	95.11	-	-	1.05
Coffee	286,304.13	26.02	1.3	69.21	2.65	0.32	0.5
Hops (Gesho)	752.41	-	-	100	-	-	-
Enset	660,962.19	75.61	1.1	20.85	0.47	0.93	1.03
Sugar cane	244,961.37	30.5	2.5	64.75	-	0.25	2

TABLE 1.4.15- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

West Arsi

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	7,259,431.82	53.8	12.45	31.76	0.11	0.12	1.75
Cereals	6,893,377.43	56.72	12.58	28.6	0.13	0.15	1.81
Teff	340,430.11	26.31	11.13	61.19	0.75	-	0.63
Barley	1,902,928.18	62.35	19.25	15.98	-	0.42	1.99
Wheat	2,348,328.16	43.63	12.29	40.26	0.1	0.17	3.54
Maize	2,122,187.87	68.96	7.51	22.19	-	0.03	1.3
Sorghum	135,396.59	63.16	11.45	23.55	0.26	-	1.58
Finger millet	34,860.56	85.95	9.4	4.64	-	-	-
Oats "Aja"	9,245.96	40	46	14	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	320,225.74	42.91	12.48	42.96	-	-	1.65
Horse beans	47,212.78	65.73	10.61	20.73	-	-	2.93
Field peas	27,500.98	40	8.57	48.57	-	-	2.86
Haricot beans	220,056.21	29.12	11.58	58.42	-	-	0.88
Chick – peas	-	-	-	-	-	-	-
Lentils	2,718.78	47.5	22.5	30	-	-	-
Vetch	6,214.43	50	5	45	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	16,522.55	2.5	45	52.5	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	45,828.65	16.88	7.5	75.63	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	45,472.60	5	10	85	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	316	-	-	-	-	-	-
Rapeseed	40.04	52.5	-	47.5	-	-	-
Vegetables	267,428.96	84.65	0.7	12.41	0.09	-	2.15
Lettuce	-	-	-	-	-	-	-
Head cabbage	12,238.58	93.33	-	6.67	-	-	-
Ethiopian cabbage	166,736.92	85.86	0.81	10.86	0.1	-	2.37
Tomatoes	20,462.32	-	-	-	-	-	-
Green peppers	65,140.35	77	-	22	-	-	1
Red peppers	2,784.34	-	-	100	-	-	-
Swiss chard	66.45	-	-	-	-	-	-
Root Crops	1,008,568.74	47.74	18.09	33.6	-	-	0.56
Beetroot	34,517.79	76.67	-	23.33	-	-	-
Carrot	3,364.07	53.33	-	43.33	-	-	3.33
Onion	13,454.25	-	-	-	-	-	-
Potatoes	931,754.66	48.15	16	35.49	-	-	0.37
Garlic	18,910.68	31.15	50.38	16.92	-	-	1.54
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	6,567.30	47.5	3.75	48.75	-	-	-
Permanent crops	560,231.84	57.77	-	34.45	1.44	3.66	2.68
Avocados	1,518.96	55	-	45	-	-	-
Bananas	10,585.47	34.38	-	60	2.5	0.63	2.5
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	6,397.93	30	-	70	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	3,097.92	6.67	-	88.33	1.67	-	3.33
Coffee	27,355.82	25.91	-	66.79	3.18	0.15	3.97
Hops (Gesho)	177.3	-	-	-	-	-	-
Enset	413,566.70	75.54	-	15.86	0.81	5.65	2.15
Sugar cane	97,531.72	20	-	74.17	0.83	-	5

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	3,072,034.13	67.62	13.14	14.4	0.32	0.85	3.66
Cereals	2,827,128.97	70.02	13.22	11.05	0.37	1.17	4.18
Teff	183,395.07	61.21	15.19	18.96	0.37	-	4.27
Barley	39,345.11	67.23	15.92	11.99	0.48	1.51	2.88
Wheat	101,365.69	73.34	14.85	6.63	0.25	0.12	4.82
Maize	1,444,758.82	70.59	11.77	11.4	0.45	1.31	4.48
Sorghum	706,063.94	72.46	12.65	9.01	0.26	1.27	4.36
Finger millet	350,407.43	70.7	13.39	9.76	0.4	2.01	3.75
Oats "Aja"	901.44	86.67	6.67	6.67	-	-	-
Rice	891.48	83.33	6.67	8.33	-	-	1.67
Pulses	184,727.66	69.25	13.83	14.04	0.2	-	2.68
Horse beans	74,425.66	67.18	15.2	13.62	0.42	-	3.59
Field peas	33,192.28	68.79	13.95	13.68	0.42	-	3.16
Haricot beans	59,442.19	77.75	12.18	7.98	-	-	2.1
Chick – peas	14,620.14	50.14	16.11	32.22	-	-	1.53
Lentils	909.12	50	13.33	36.67	-	-	-
Vetch	289.67	77	20	3	-	-	-
Soya beans	738.22	73.33	13.33	6.67	-	-	6.67
Fenugreek	1,110.37	53.19	12.08	32.5	-	-	2.22
Gibto	-	-	-	-	-	-	-
Oilseeds	60,177.50	35	10.03	53.69	0.24	-	1.04
Neug	17,697.40	35.7	8.95	53.77	-	-	1.58
Linseed	606.03	71.88	10	18.13	-	-	-
Groundnuts	1,713.86	60	18.57	21.43	-	-	-
Safflower	147.59	90	10	-	-	-	-
Sesame	33,690.21	10.85	10.42	77.12	0.68	-	0.93
Rapeseed	6,322.43	58.89	9.44	30.83	-	-	0.83
Vegetables	152,753.82	57.71	1.27	39.78	0.06	-	1.18
Lettuce	319.18	36.67	3.33	53.33	-	-	6.67
Head cabbage	4,961.78	63.79	-	35.17	0.34	-	0.69
Ethiopian cabbage	11,709.02	77	3	18	0.33	-	1.67
Tomatoes	3,222.78	70	-	30	-	-	-
Green peppers	9,702.97	84.55	-	13.94	-	-	1.52
Red peppers	122,822.34	51.25	1.37	46.29	-	-	1.09
Swiss chard	15.75	20	-	80	-	-	-
Root Crops	76,514.08	83.85	2.58	12.15	0.08	0.62	0.73
Beetroot	2,744.06	77.83	-	20	0.87	-	1.3
Carrot	536.52	61.67	-	36.67	-	-	1.67
Onion	12,813.33	65.5	3.5	31	-	-	-
Potatoes	7,750.47	86	-	14	-	-	-
Garlic	3,639.66	73.46	7.31	18.08	-	-	1.15
Taro / 'Godere'	15,458.62	92.47	3.76	3.12	-	-	0.65
Sweet potatoes	33,571.43	84.94	0.69	11.84	-	1.84	0.69
Permanent crops	352,894.51	64.17	0.56	32.33	0.51	0.09	2.33
Avocados	2,189.27	91.25	-	6.25	-	-	2.5
Bananas	65,586.39	64.43	0.39	32	0.3	0.02	2.86
Guavas	13.4	100	-	-	-	-	-
Lemons	6.64	85	-	15	-	-	-
Mangoes	15,047.66	75.95	-	19.24	-	-	4.81
Oranges	80.7	100	-	-	-	-	-
Papayas	4,550.29	84	-	13.67	-	1	1.33
Pineapples	0.9	-	-	100	-	-	-
Chat	9,741.94	30.71	-	67.66	0.05	-	1.58
Coffee	213,059.18	60.37	0.63	36.07	0.96	-	1.98
Hops (Gesho)	482.81	26.52	5	64.78	-	-	3.7
Enset	2,635.02	95.22	0.36	1.64	0.44	0.44	1.9
Sugar cane	39,500.33	40.19	2.59	55.56	-	-	1.67

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	4,127,502.85	50.43	17.94	27.49	2.76	0.65	0.73
Cereals	3,514,846.24	58.57	17.85	18.54	3.04	1.04	0.95
Teff	891,098.21	57.76	21.49	15.43	3.85	0.95	0.53
Barley	178,705.98	59.05	28.82	8.45	0.74	2.32	0.63
Wheat	582,749.40	53.12	24.15	18.8	2.82	0.35	0.76
Maize	1,479,779.43	60.99	8.31	24.76	3.41	1.24	1.29
Sorghum	348,586.12	62.92	12.42	19.54	3.68	0.32	1.12
Finger millet	32,340.11	58.38	15.28	19.78	1.56	1.25	3.75
Oats "Aja"	1,586.99	74	24	-	-	-	2
Rice	-	-	-	-	-	-	-
Pulses	223,909.87	60.98	22.22	14.02	2.23	0.06	0.48
Horse beans	123,725.33	63.13	22.43	10.92	2.95	0.14	0.44
Field peas	83,220.70	60.03	23.45	14.55	1.84	-	0.14
Haricot beans	8,545.85	62.78	18.15	12.22	2.78	-	4.07
Chick – peas	1,444.03	62	31.5	6.5	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	75.17	-	-	-	-	-	-
Soya beans	6,356.95	36	10	54	-	-	-
Fenugreek	541.85	56.47	19.66	23.02	0.86	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	388,746.74	19.81	14.73	62.64	2.42	0.05	0.35
Neug	265,796.32	12.41	14.76	69.54	3.12	-	0.17
Linseed	7,604.71	27.37	21.05	45	5.53	0.53	0.53
Groundnuts	21,174.14	25.71	17.98	54.76	0.6	-	0.95
Safflower	1,363.73	12.08	40.83	43.33	2.08	-	1.67
Sesame	79,516.24	5.56	15.41	75.71	2.4	0.2	0.71
Rapeseed	13,291.60	50	8.82	40.36	0.73	-	0.09
Vegetables	18,312.90	83.87	1.02	14.24	-	-	0.88
Lettuce	-	-	-	-	-	-	-
Head cabbage	417.32	74	-	25	-	-	1
Ethiopian cabbage	362.67	93.33	6.67	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	13,489.16	88.74	0.42	9.42	-	-	1.42
Red peppers	4,043.74	78.19	1.74	19.93	-	-	0.14
Swiss chard	-	-	-	-	-	-	-
Root Crops	47,103.81	76.5	13.38	9.55	0.19	-	0.38
Beetroot	508.32	83.75	-	16.25	-	-	-
Carrot	94.52	86.67	-	13.33	-	-	-
Onion	6,064.26	81.28	4.62	12.56	1.28	-	0.26
Potatoes	8,033.69	88.24	4.71	7.06	-	-	-
Garlic	29,502.42	72.39	18.52	8.64	-	-	0.45
Taro / 'Godere'	32.98	100	-	-	-	-	-
Sweet potatoes	2,867.62	89.09	3.64	6.36	-	-	0.91
Permanent crops	41,620.85	60.02	2.11	34.99	0.07	0.23	2.58
Avocados	-	-	-	-	-	-	-
Bananas	1,690.65	70.71	-	26.43	-	-	2.86
Guavas	-	-	-	-	-	-	-
Lemons	285.9	12.5	25	61.25	-	-	1.25
Mangoes	3,261.79	78.24	1.47	9.12	-	-	11.18
Oranges	67.96	100	-	-	-	-	-
Papayas	643.35	91.67	-	-	-	-	8.33
Pineapples	-	-	-	-	-	-	-
Chat	521.58	11.11	2.78	84.63	-	-	1.48
Coffee	9,201.14	82.5	3.93	11.19	0.48	1.67	0.24
Hops (Gesho)	8,794.73	55.94	0.96	41.15	-	-	1.95
Enset	165.42	86.67	6.67	-	-	-	6.67
Sugar cane	16,988.32	61.96	3.26	31.96	-	-	2.83

TABLE 1.5- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Somale Region

Type of Crop	Total Production (Quintal)	Percent Utilized for: Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	1,127,660.48	72.98	11.72	10.48	1.36	1.44	2.02
Cereals	1,059,696.82	75.89	11.44	8	1.07	1.51	2.09
Teff	-	-	-	-	-	-	-
Barley	9,776.24	53.42	18.42	25.26	2.37	-	0.53
Wheat	73,360.86	50.24	14.39	31.34	3.29	-	0.73
Maize	492,640.60	78.09	12.44	4.81	0.03	2.61	2.02
Sorghum	483,801.68	79.19	9.44	6.41	1.75	0.69	2.5
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	117.44	57.5	7.5	35	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	9,332.12	68.17	11.83	9.44	6.39	1.39	2.78
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	9,332.12	66.88	11.94	10	6.76	1.47	2.94
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	58,631.54	16	17.47	62.2	4.33	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	58,631.23	4.4	15.76	74.64	5.2	-	-
Safflower	-	-	-	-	-	-	-
Sesame	0.31	85	15	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	42,264.39	16.97	5.61	75.3	-	-	2.12
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	41,369.65	21.14	7.73	69.55	-	-	1.59
Green peppers	894.74	10.56	0.56	85	-	-	3.89
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	71,417.04	48.45	5.71	43.57	-	0.13	2.14
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	64,735.01	26.14	8.86	64.77	-	-	0.23
Potatoes	-	-	-	-	-	-	-
Garlic	268.63	85	15	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	6,413.40	72.37	1.58	21.32	-	0.26	4.47
Permanent crops	77,315.56	30.33	0.94	62.07	0.79	0.03	5.84
Avocados	-	-	-	-	-	-	-
Bananas	5,117.60	19.38	-	75.63	-	-	5
Guavas	298.01	41.67	-	45.83	-	-	12.5
Lemons	1,902.44	10.76	3.88	79.04	-	-	6.32
Mangoes	5,169.39	37.31	-	56.54	-	-	6.15
Oranges	17,202.06	17.61	3.04	69.78	0.22	-	9.35
Papayas	1,711.09	38.33	-	61.67	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	45,634.29	36.93	-	56.93	1.41	-	4.74
Coffee	45.51	60	-	40	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	235.18	25	-	60	-	5	10

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	24,123.46	87.11	6.76	0.7	0.5	0.63	4.3
Cereals	24,096.47	87.32	6.58	0.71	0.51	0.48	4.39
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	6,522.65	88.52	7.15	1.47	-	0.03	2.83
Sorghum	17,573.83	86.58	6.21	0.27	0.82	0.76	5.36
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	26.67	42	33	-	-	25	-
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	26.67	42	33	-	-	25	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	0.31	92.5	7.5	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	0.31	85	15	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	397.42	15.71	-	77.86	-	-	6.43
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	187.88	20	-	70	-	-	10
Green peppers	209.54	15	-	79.17	-	-	5.83
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	1,812.66	60.45	-	32.73	-	0.45	6.36
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	5.89	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	1,806.77	60.45	-	32.73	-	0.45	6.36
Permanent crops	27,558.30	26.66	1.59	63.3	0.67	0.05	7.74
Avocados	-	-	-	-	-	-	-
Bananas	1,618.32	8.75	-	91.25	-	-	-
Guavas	11.29	52.5	-	47.5	-	-	-
Lemons	1,588.04	10.79	4.04	79	-	-	6.17
Mangoes	3,934.61	34.17	-	59.17	-	-	6.67
Oranges	17,202.06	17.61	3.04	69.78	0.22	-	9.35
Papayas	63.75	5	-	95	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	2,859.56	39.86	-	48.33	1.81	-	10
Coffee	45.51	60	-	40	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	235.18	25	-	60	-	5	10

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	1,007,893.42	67.51	13.68	14.24	1.74	1.81	1.02
Cereals	941,983.71	71.3	13.36	10.91	1.33	1.98	1.11
Teff	-	-	-	-	-	-	-
Barley	9,776.24	52.65	15.88	28.24	2.65	-	0.59
Wheat	73,360.86	50.24	14.39	31.34	3.29	-	0.73
Maize	392,501.31	74.34	14.64	5.84	0.05	3.64	1.49
Sorghum	466,227.86	74.79	11.37	10.07	2.31	0.65	0.8
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	117.44	57.5	7.5	35	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	7,278.48	63.18	14.55	11.82	10.45	-	-
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	7,278.48	60.5	15	13	11.5	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	58,631.23	10.54	18.18	66.64	4.64	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	58,631.23	4.4	15.76	74.64	5.2	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	41,866.97	16.8	7.4	75.2	-	-	0.6
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	41,181.77	20.75	8.5	70	-	-	0.75
Green peppers	685.2	1.67	1.67	96.67	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	69,604.38	44.19	7.74	47.42	-	-	0.65
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	64,729.12	26.14	8.86	64.77	-	-	0.23
Potatoes	-	-	-	-	-	-	-
Garlic	268.63	85	15	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	4,606.63	88.75	3.75	5.63	-	-	1.88
Permanent crops	43,303.22	34.37	-	62.86	1.11	-	1.67
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	214.09	22.5	-	77.5	-	-	-
Lemons	314.4	10	-	80	-	-	10
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	42,774.73	35.17	-	62.08	1.17	-	1.58
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	95,643.60	82.07	7.93	4.66	-	-	5.34
Cereals	93,616.64	82.17	9.13	4.13	-	-	4.57
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	93,616.64	84.55	6.36	4.32	-	-	4.77
Sorghum	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	2,026.96	81.67	3.33	6.67	-	-	8.33
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	2,026.96	81.67	3.33	6.67	-	-	8.33
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	6,454.04	45	-	42.22	-	-	12.78
Avocados	-	-	-	-	-	-	-
Bananas	3,499.28	30	-	60	-	-	10
Guavas	72.64	50	-	12.5	-	-	37.5
Lemons	-	-	-	-	-	-	-
Mangoes	1,234.78	75	-	25	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	1,647.34	55	-	45	-	-	-
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	3,674,707.94	60.25	10.77	25.71	1.87	0.56	0.84
Cereals	3,064,309.83	71.49	10.8	14.23	1.71	0.79	0.99
Teff	231,072.90	58.77	13.29	23.91	3.44	0.04	0.55
Barley	14,440.57	61.79	17.57	18.57	1.93	0.14	-
Wheat	29,841.65	57.31	20.97	20.71	0.14	-	0.86
Maize	1,172,924.62	76.1	9.11	11.25	1.3	1.14	1.1
Sorghum	1,176,088.68	73.19	10.4	13.2	1.06	1.01	1.14
Finger millet	426,257.01	68.39	11.66	15.53	3.39	0.12	0.91
Oats "Aja"	1,625.17	82.5	17.5	-	-	-	-
Rice	12,059.24	83.25	8.42	8.33	-	-	-
Pulses	162,002.69	69.79	10.94	16.59	1.91	0.28	0.49
Horse beans	14,156.72	66.86	14	15.66	3.33	-	0.16
Field peas	7,164.54	76.11	16.75	6.79	-	-	0.36
Haricot beans	89,031.50	73.3	9.6	13.66	2.67	-	0.77
Chick – peas	1,013.29	85.85	11.79	2.35	-	-	-
Lentils	371.04	82.25	11.5	6.25	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	48,861.84	50.11	11.19	36.83	0.02	1.73	0.12
Fenugreek	73.96	69.17	4.17	26.67	-	-	-
Gibto	1,329.80	64.67	12	23.33	-	-	-
Oilseeds	448,395.41	22.57	10.61	63.92	2.32	0.01	0.58
Neug	36,186.80	20.03	12.08	65.61	1.95	0.02	0.31
Linseed	2,090.33	74.33	11.61	12.68	0.99	-	0.39
Groundnuts	158,211.51	33.41	13.15	48.27	4.08	-	1.08
Safflower	1,495.34	81.33	17	1.67	-	-	-
Sesame	250,087.46	11.66	9.01	76.56	2.18	-	0.58
Rapeseed	323.97	47.31	6.15	46.54	-	-	-
Vegetables	54,598.22	79.65	1.71	17.57	0.8	-	0.27
Lettuce	1.82	85	-	15	-	-	-
Head cabbage	1,857.25	73.82	0.88	25.29	-	-	-
Ethiopian cabbage	5,456.24	81.33	0.56	17.67	-	-	0.44
Tomatoes	3,620.82	79.58	-	18.75	-	-	1.67
Green peppers	19,192.89	81.18	1.15	17.2	-	-	0.46
Red peppers	24,469.21	79.51	2.18	16.95	1.2	-	0.16
Swiss chard	-	-	-	-	-	-	-
Root Crops	113,833.62	77.91	3.62	17.77	0.04	0.01	0.65
Beetroot	1,190.65	56.67	3.89	39.44	-	-	-
Carrot	197.86	76.67	-	23.33	-	-	-
Onion	17,614.48	54.62	2.6	41.55	0.19	-	1.04
Potatoes	33,898.47	68.03	17.37	14.61	-	-	-
Garlic	6,620.62	68.76	8.48	22.61	-	-	0.15
Taro / 'Godere'	773.44	84.06	2.26	12.36	-	0.09	1.23
Sweet potatoes	53,538.10	86.27	0.76	12.22	0.04	-	0.7
Permanent crops	140,859.16	46.58	0.38	50.28	0.22	-	2.53
Avocados	32.12	80	-	16.67	-	-	3.33
Bananas	28,183.00	44.6	-	53.87	0.22	-	1.32
Guavas	536.56	42.95	-	54.09	-	-	2.95
Lemons	1,129.80	38.75	-	54.82	-	-	6.43
Mangoes	52,954.98	56.37	0.28	38.67	0.35	-	4.32
Oranges	2,341.71	37.71	0.42	58.01	-	-	3.86
Papayas	12,651.19	65.35	1.29	31.45	0.45	-	1.45
Pineapples	-	-	-	-	-	-	-
Chat	5,657.41	22.92	0.62	72.97	0.03	-	3.46
Coffee	4,619.21	51.9	0.69	46.8	0.32	-	0.3
Hops (Gesho)	1,680.32	51.08	-	47.92	-	-	1
Enset	-	-	-	-	-	-	-
Sugar cane	31,072.86	27.65	0.29	70	0.59	-	1.47

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	2,086,707.15	54.74	11.47	27.14	5.45	0.2	1.01
Cereals	1,676,065.39	63.76	11.94	17.79	4.93	0.29	1.29
Teff	209,396.16	58.63	14.91	18.07	7.26	0.03	1.1
Barley	13,367.19	62.73	16.67	16.21	4.09	0.3	-
Wheat	28,902.90	55.26	22.02	21.2	0.22	-	1.3
Maize	551,728.31	69.64	8.74	15.68	3.86	0.64	1.44
Sorghum	468,077.38	62.4	11.21	21.8	3.22	0.18	1.19
Finger millet	391,128.39	61.2	11.81	17.2	8.09	0.1	1.6
Oats "Aja"	1,603.38	89	11	-	-	-	-
Rice	11,861.68	94	6	-	-	-	-
Pulses	127,558.43	70.45	10.94	13.84	4.65	-	0.13
Horse beans	13,554.90	64.89	14.46	15.8	4.63	-	0.22
Field peas	7,137.90	74.13	17.96	7.5	-	-	0.42
Haricot beans	70,251.59	71.18	8.18	14.15	6.44	-	0.05
Chick – peas	92.16	75	25	-	-	-	-
Lentils	371.04	82.25	11.5	6.25	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	34,764.32	64	5.33	30	0.67	-	-
Fenugreek	56.72	76.25	3.75	20	-	-	-
Gibto	1,329.80	64.67	12	23.33	-	-	-
Oilseeds	283,083.33	10.4	10.22	70.74	7.88	0.02	0.73
Neug	8,973.01	10.54	8.29	65.18	15.82	0.18	-
Linseed	1,456.75	66	12	14.5	7.5	-	-
Groundnuts	152,043.46	6.02	17.4	65.44	11.14	-	-
Safflower	1,374.73	70	20	10	-	-	-
Sesame	119,060.11	7.85	7.31	78.41	5.18	-	1.25
Rapeseed	175.26	27.5	12.5	60	-	-	-
Vegetables	17,995.76	82.35	1.54	14.02	2.1	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	664.29	27.5	7.5	65	-	-	-
Ethiopian cabbage	1,028.01	60	-	40	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	2,809.93	82.63	2.81	14.56	-	-	-
Red peppers	13,493.53	83.64	1.28	12.62	2.46	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	59,651.01	68.36	11.16	20.48	-	-	-
Beetroot	742.95	20	17.5	62.5	-	-	-
Carrot	4.47	-	-	-	-	-	-
Onion	1,926.01	49.23	6.38	44.38	-	-	-
Potatoes	33,248.03	66.78	20.31	12.91	-	-	-
Garlic	6,093.55	64.58	10.38	25.04	-	-	-
Taro / 'Godere'	14.54	100	-	-	-	-	-
Sweet potatoes	17,621.47	97.78	1.11	1.11	-	-	-
Permanent crops	44,710.16	35.87	1.17	62.5	0.33	-	0.13
Avocados	-	-	-	-	-	-	-
Bananas	4,438.18	29.52	-	70.48	-	-	-
Guavas	17.88	-	-	-	-	-	-
Lemons	231.58	62.5	-	35	-	-	2.5
Mangoes	6,313.72	55.38	0.54	42.85	0.46	-	0.77
Oranges	158.12	-	-	-	-	-	-
Papayas	6,758.34	75.88	10	10.63	3.5	-	-
Pineapples	-	-	-	-	-	-	-
Chat	71.54	43.75	-	55	1.25	-	-
Coffee	1,523.38	18.33	2.08	79.58	-	-	-
Hops (Gesho)	960.95	36.67	-	63.33	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	24,236.47	13.33	-	86.67	-	-	-

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	803,248.27	65.4	9.15	23.63	0.07	1.06	0.69
Cereals	697,966.76	76.12	8.89	12.72	0.07	1.36	0.84
Teff	17,202.44	53.84	9.42	36.64	-	0.05	0.05
Barley	-	-	-	-	-	-	-
Wheat	4.18	97	3	-	-	-	-
Maize	296,687.59	80.88	8.04	8.09	0.07	1.83	1.1
Sorghum	358,784.10	78.06	9.02	10.27	0.1	1.69	0.86
Finger millet	25,105.07	74.51	10.76	13.82	-	0.14	0.76
Oats "Aja"	-	-	-	-	-	-	-
Rice	183.38	89.38	10.63	-	-	-	-
Pulses	13,958.90	66.09	10.46	22.02	-	1.43	-
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	3,621.08	81.86	6.86	11.29	-	-	-
Chick-peas	839.49	86.16	10.64	3.2	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	9,481.09	54.6	11.26	31.72	-	2.41	-
Fenugreek	17.24	10	10	80	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	91,322.61	32.6	9.51	57.34	0.11	0.01	0.44
Neug	24,018.60	18.89	10.4	70.24	-	-	0.48
Linseed	376.14	80.87	9.61	9.52	-	-	-
Groundnuts	4,903.90	52.69	8.33	38.79	-	-	0.19
Safflower	61.25	93.33	6.67	-	-	-	-
Sesame	61,962.73	26.37	9.06	63.57	0.34	0.02	0.64
Rapeseed	-	-	-	-	-	-	-
Vegetables	20,601.18	82.37	1.49	15.84	-	-	0.3
Lettuce	1.82	100	-	-	-	-	-
Head cabbage	1,160.93	87.27	-	12.73	-	-	-
Ethiopian cabbage	3,814.32	90.63	-	9.38	-	-	-
Tomatoes	3,182.76	74.17	-	24.17	-	-	1.67
Green peppers	2,911.63	90.67	0.67	8.67	-	-	-
Red peppers	9,529.73	79.67	2.26	17.71	-	-	0.36
Swiss chard	-	-	-	-	-	-	-
Root Crops	31,700.86	78.04	0.19	21.18	-	-	0.6
Beetroot	369.04	61.67	-	38.33	-	-	-
Carrot	123.1	50	-	50	-	-	-
Onion	12,849.03	69.17	0.56	30.28	-	-	-
Potatoes	50.36	33	-	67	-	-	-
Garlic	277.79	90	-	8.57	-	-	1.43
Taro / 'Godere'	107.4	90	-	9	-	-	1
Sweet potatoes	17,924.14	80.71	0.14	18.43	-	-	0.71
Permanent crops	77,541.95	55.83	0.15	41.6	-	-	2.42
Avocados	32.12	76	-	20	-	-	4
Bananas	17,019.66	39.17	-	60.69	-	-	0.14
Guavas	515.11	42.95	-	54.09	-	-	2.95
Lemons	736.6	34.74	-	61.58	-	-	3.68
Mangoes	42,731.72	55.53	0.37	39.52	-	-	4.57
Oranges	1,757.69	42.52	-	55.19	-	-	2.29
Papayas	5,303.37	57.73	-	40.15	-	-	2.12
Pineapples	-	-	-	-	-	-	-
Chat	2,201.23	28.87	-	70.21	-	-	0.92
Coffee	1,841.35	93.13	-	6.88	-	-	-
Hops (Gesho)	719.37	68.66	-	29.13	-	-	2.22
Enset	-	-	-	-	-	-	-
Sugar cane	4,683.72	42.86	0.71	54.64	-	-	1.79

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	637,329.47	52.61	9.75	34.75	0.91	0.58	1.41
Cereals	553,131.91	70.76	9.48	16.3	0.86	0.97	1.64
Teff	1,992.54	79.33	9	11.67	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	256,782.31	70.76	8.92	16.71	0.86	1.17	1.59
Sorghum	293,083.39	69.44	10.15	16.7	0.97	0.87	1.87
Finger millet	1,273.66	85.14	7.29	6.14	-	0.71	0.71
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	16,182.34	71.74	9 54	16.15	0.14	-	2.43
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	11,915.51	76.4	8.9	11.87	0.15	-	2.69
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	4,266.83	27.14	15.71	57.14	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	68,015.23	13.81	10.31	73.96	1.2	-	0.72
Neug	694.91	66.36	16.59	16.82	-	-	0.23
Linseed	3.8	65	10	15	-	-	10
Groundnuts	362.66	48.91	16.09	30.22	-	-	4.78
Safflower	36.62	40	60	-	-	-	-
Sesame	66,917.24	4.58	8.94	84.73	1.45	-	0.29
Rapeseed	-	-	-	-	-	-	-
Vegetables	14,216.88	82.84	-	15.59	0.98	-	0.59
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	161.08	100	-	-	-	-	-
Tomatoes	51.56	86.67	-	10	-	-	3.33
Green peppers	13,162.41	83.95	-	15.53	-	-	0.53
Red peppers	841.84	80.77	-	16.92	1.92	-	0.38
Swiss chard	-	-	-	-	-	-	-
Root Crops	4,422.20	98.41	-	1.36	-	-	0.23
Beetroot	78.66	-	-	-	-	-	-
Carrot	70.3	90	-	10	-	-	-
Onion	191.89	100	-	-	-	-	-
Potatoes	265.94	100	-	-	-	-	-
Garlic	69.87	100	-	-	-	-	-
Taro / 'Godere'	63.01	100	-	-	-	-	-
Sweet potatoes	3,682.53	98.57	-	1.14	-	-	0.29
Permanent crops	2,631.13	67.71	-	28.96	-	-	3.33
Avocados	-	-	-	-	-	-	-
Bananas	1,943.23	58.64	-	41.36	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	54.2	45	-	30	-	-	25
Mangoes	378.25	81	-	16	-	-	3
Oranges	2.86	-	-	-	-	-	-
Papayas	175.19	80	-	20	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	6.66	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	70.75	-	-	-	-	-	-

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	147,423.04	66.75	12.63	19.38	0.47	0.39	0.39
Cereals	137,145.77	75.33	12.63	10.55	0.54	0.56	0.39
Teff	2,481.75	59.48	16.97	23.39	-	0.08	0.08
Barley	1,073.38	60.95	18.38	20.68	-	-	-
Wheat	934.58	59.7	19.65	20.65	-	-	-
Maize	67,726.40	81.44	10.97	5.96	0.52	0.78	0.34
Sorghum	56,143.81	77.65	11.96	7.86	1	0.79	0.75
Finger millet	8,749.89	71.78	12.56	15.35	0.13	0.09	0.09
Oats "Aja"	21.78	50	50	-	-	-	-
Rice	14.18	45	5	50	-	-	-
Pulses	4,303.02	70.46	12.09	16.99	0.15	-	0.31
Horse beans	601.83	71.89	12.83	15.28	-	-	-
Field peas	26.64	88	9.5	2.5	-	-	-
Haricot beans	3,243.32	72.23	12.39	14.8	0.23	-	0.34
Chick – peas	81.63	86.25	13.75	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	349.6	39.23	9.77	50.23	-	-	0.77
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	5,974.25	34	12.95	52.23	0.41	-	0.42
Neug	2,500.29	10.94	15.34	73.12	0.45	-	0.15
Linseed	253.63	73.15	12.71	13.9	-	-	0.24
Groundnuts	901.49	42.82	11	43.82	0.51	-	1.85
Safflower	22.74	98	2	-	-	-	-
Sesame	2,147.39	24.19	13.27	61.89	0.65	-	-
Rapeseed	148.71	48	4.5	47.5	-	-	-
Vegetables	1,784.40	70.7	3.13	25.72	-	-	0.45
Lettuce	-	-	-	-	-	-	-
Head cabbage	32.02	60	-	40	-	-	-
Ethiopian cabbage	452.83	75.6	1	22.6	-	-	0.8
Tomatoes	386.5	83.33	-	16.67	-	-	-
Green peppers	308.92	66.67	1.33	30.67	-	-	1.33
Red peppers	604.12	69.62	5.06	25.23	-	-	0.09
Swiss chard	-	-	-	-	-	-	-
Root Crops	18,059.54	79.01	1.78	17.94	0.1	0.03	1.15
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	2,647.55	43.33	2.14	51.43	0.48	-	2.62
Potatoes	334.14	71.67	3.33	25	-	-	-
Garlic	179.41	62.5	5	32.5	-	-	-
Taro / 'Godere'	588.49	82.33	2.67	12.56	-	0.11	1.33
Sweet potatoes	14,309.96	84.3	1.27	13.44	0.08	-	0.91
Permanent crops	15,975.93	37.66	0.47	58.19	0.46	-	3.22
Avocados	-	-	-	-	-	-	-
Bananas	4,781.93	51.34	-	45.3	0.49	-	2.87
Guavas	3.57	-	-	-	-	-	-
Lemons	107.43	42	-	47	-	-	11
Mangoes	3,531.29	55.16	-	38.89	1.43	-	4.52
Oranges	423.03	35.42	0.62	59.35	-	-	4.62
Papayas	414.28	73	-	26	-	-	1
Pineapples	-	-	-	-	-	-	-
Chat	3,384.64	19.95	0.87	74.66	-	-	4.52
Coffee	1,247.82	26.72	0.91	71.11	0.66	-	0.61
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	2,081.92	18.57	-	78.21	1.43	-	1.79

TABLE 1.7- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

S.N.N.P.Region

Type of Crop	Total Production (Quintal)	Percent Utilized for: Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	17,551,623.35	58.26	15.06	22.97	1.16	0.56	1.99
Cereals	14,801,477.56	57.03	14.78	23.97	1.23	0.75	2.23
Teff	2,967,593.60	36.37	16.88	43.03	1.58	0.17	1.98
Barley	1,982,127.82	58.6	20.05	17.8	0.88	0.72	1.95
Wheat	2,446,019.54	49.42	18.01	28.48	1.05	0.14	2.9
Maize	5,565,463.40	70.68	10.15	13.93	1.12	1.62	2.51
Sorghum	1,751,254.81	73.5	10.88	11.1	1.32	1.14	2.06
Finger millet	42,665.84	88.34	6.02	4.5	0.63	0.1	0.41
Oats "Aja"	2,885.63	55.38	29.28	11.25	1.63	0.63	1.85
Rice	43,466.91	49.55	11.38	33.43	3.93	-	1.71
Pulses	2,724,166.37	61.52	15.44	20.39	1	0.14	1.51
Horse beans	1,040,558.26	61.94	14.63	20.37	1.05	0.02	2
Field peas	540,113.47	51.39	17.87	26.97	1.76	0.05	1.96
Haricot beans	1,062,783.77	66.85	14.74	16.78	0.64	0.22	0.76
Chick – peas	70,805.64	64.49	13.96	19.12	0.59	1.25	0.59
Lentils	3,641.04	53.07	21.28	21	-	0.12	4.53
Vetch	2,116.87	57.5	6.82	32.27	1.14	-	2.27
Soya beans	3,042.48	80.16	7.5	8.53	1.18	1.97	0.66
Fenugreek	1,104.84	31.69	29.54	37.71	-	-	1.06
Gibto	-	-	-	-	-	-	-
Oilseeds	25,979.42	47.18	20.1	30.78	1.1	0.01	0.83
Neug	813.65	36.88	35	28.13	-	-	-
Linseed	4,681.37	56.58	17.89	23.3	1.08	-	1.14
Groundnuts	7,961.12	41.87	17	40.8	-	-	0.33
Safflower	756.94	70.74	11.63	17.33	-	0.11	0.19
Sesame	9,862.36	17.5	27.98	52.39	2.12	-	-
Rapeseed	1,903.98	37.5	20.38	37.13	-	-	5
Vegetables	3,217,740.97	78.48	0.73	18.78	0.22	0.08	1.71
Lettuce	-	-	-	-	-	-	-
Head cabbage	60,088.14	69.28	0.63	29.35	-	0.04	0.7
Ethiopian cabbage	2,314,394.22	84.39	0.65	12.75	0.22	0.1	1.9
Tomatoes	50,095.22	68.14	-	30.78	-	-	1.09
Green peppers	119,606.53	76.89	0.59	20.96	0.23	0.02	1.31
Red peppers	668,953.32	36.24	1.62	60.99	0.31	-	0.84
Swiss chard	4,603.55	89.63	0.37	8.15	-	-	1.85
Root Crops	8,616,652.18	74.92	11.03	10.74	0.3	2.09	0.92
Beetroot	37,055.59	77.08	0.12	21.99	0.06	-	0.75
Carrot	16,829.08	61.27	2.55	33.73	0.98	0.39	1.08
Onion	185,879.25	54.25	10.89	34.06	0.05	-	0.74
Potatoes	727,006.76	59.14	32	8.28	0.17	0.05	0.35
Garlic	70,551.20	48.72	16.13	33.95	0.6	-	0.6
Taro / 'Godere'	2,962,555.91	79.08	12.51	6.67	0.35	0.3	1.08
Sweet potatoes	4,616,774.38	80.93	0.61	10.56	0.26	6.68	0.96
Permanent crops	16,035,208.98	59.63	0.79	35.34	0.55	1.59	2.09
Avocados	412,869.52	55.36	0.5	41.82	0.18	0.46	1.69
Bananas	1,890,834.04	48.39	0.64	48.55	0.2	0.47	1.76
Guavas	2,651.08	73.85	2	21.62	0.31	0.15	2.08
Lemons	4,952.50	48.01	-	46.12	0.04	0.03	5.79
Mangoes	281,278.80	61.29	0.34	35.81	0.26	0.03	2.27
Oranges	87,450.74	66.07	0.35	30.89	0.08	0.16	2.44
Papayas	195,493.38	80.63	0.22	16.49	0.07	0.09	2.52
Pineapples	8,685.70	43.1	0.34	52.76	-	-	3.79
Chat	480,509.22	27.69	1.36	67.47	0.22	-	3.27
Coffee	1,101,878.55	48.95	0.77	48.38	0.66	0.03	1.21
Hops (Gesho)	34,714.20	35.17	1	61.36	0.36	0.22	1.89
Enset	5,185,201.73	83.02	0.86	9.62	0.96	2.99	2.55
Sugar cane	6,348,689.51	49.2	1.14	38.66	0.41	7.96	2.62

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	2,097,912.33	65.79	12.32	20.46	0.41	0.29	0.74
Cereals	1,901,277.63	63.13	12.42	22.6	0.54	0.39	0.92
Teff	422,965.39	32.4	12.57	52.91	1.26	-	0.86
Barley	480,509.88	70.87	16.97	10.57	0.1	0.47	1.03
Wheat	282,484.47	62.79	14.3	21.01	0.21	0.84	0.84
Maize	560,952.64	80.68	7.46	9.9	0.63	0.23	1.11
Sorghum	153,676.11	77.63	7.63	13.49	0.39	0.26	0.59
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	689.14	98	2	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	195,735.80	74.5	11.67	13.54	0.03	-	0.25
Horse beans	109,473.97	79.08	12.12	8.67	-	-	0.13
Field peas	43,872.87	60.17	15.85	23.05	-	-	0.93
Haricot beans	9,429.05	81.81	6.39	11.81	-	-	-
Chick – peas	31,399.07	69.5	5.5	24.5	0.5	-	-
Lentils	334.22	85	15	-	-	-	-
Vetch	885.9	52.22	3.33	44.44	-	-	-
Soya beans	340.73	40	60	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	898.9	32.73	23.18	44.09	-	-	-
Neug	796.3	-	41.67	58.33	-	-	-
Linseed	102.6	37.14	18.57	44.29	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	375,144.02	79.31	0.45	18.26	0.99	-	0.99
Lettuce	-	-	-	-	-	-	-
Head cabbage	7,070.27	88.13	3.13	8.75	-	-	-
Ethiopian cabbage	232,750.16	84.81	0.24	12.6	1.19	-	1.16
Tomatoes	916.75	60	-	40	-	-	-
Green peppers	4,000.13	95	-	5	-	-	-
Red peppers	129,408.72	33.72	1.17	64.15	0.64	-	0.32
Swiss chard	998	95.77	-	2.31	-	-	1.92
Root Crops	144,327.60	64.02	25.04	10.43	0.04	0.02	0.45
Beetroot	1,018.15	96.33	-	3	0.67	-	-
Carrot	3,800.57	91.82	3.64	4.55	-	-	-
Onion	1,301.81	65.19	9.63	23.7	-	-	1.48
Potatoes	75,278.70	41.28	56.8	1.45	-	0.06	0.41
Garlic	22,949.06	43.89	12.08	43.75	-	-	0.28
Taro / 'Godere'	38,346.81	83.01	12.95	3.59	-	-	0.45
Sweet potatoes	1,632.51	95.42	0.42	4.17	-	-	-
Permanent crops	517,499.89	73.29	0.24	24.2	0.41	0.08	1.77
Avocados	52,035.87	71.05	-	27.28	0.09	-	1.58
Bananas	26,265.81	67.32	-	32.32	-	-	0.36
Guavas	124.22	61.67	-	38.33	-	-	-
Lemons	811.37	10	-	88.33	-	-	1.67
Mangoes	7,667.23	78.68	-	18.42	2.63	-	0.26
Oranges	35,009.32	74.09	-	23.27	-	-	2.64
Papayas	21,081.82	68.92	0.21	28.68	0.05	-	2.13
Pineapples	-	-	-	-	-	-	-
Chat	78,699.70	31.53	0.94	64.92	0.34	-	2.27
Coffee	17,763.76	89.94	-	8.51	0.02	-	1.53
Hops (Gesho)	10,239.75	48.75	1.07	48.69	-	-	1.49
Enset	106,019.49	92.03	-	5.03	0.87	0.22	1.85
Sugar cane	38,060	41.43	4.13	52.26	-	-	2.17

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	1,820,048.24	61.39	10.75	25.92	0.41	0.31	1.21
Cereals	1,619,802.65	59.88	10.78	27.02	0.46	0.4	1.46
Teff	506,418.09	38.16	10.5	50.11	0.25	-	0.99
Barley	80,863.97	70.43	12.28	14.87	0.86	0.36	1.21
Wheat	662,122.01	47.57	13.56	35.77	0.95	-	2.15
Maize	268,011.81	87.71	7.27	2.39	0.07	0.71	1.86
Sorghum	100,744.78	86.74	8.1	2.5	-	1.66	1
Finger millet	1,641.99	80	9.29	10.71	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	199,237.55	65.97	10.86	22.62	0.24	0.03	0.29
Horse beans	131,339.54	60.29	9.53	29.81	0.15	-	0.22
Field peas	37,228.95	58.52	10	29.89	1.14	-	0.45
Haricot beans	29,332.09	78.03	12.98	8.79	-	-	0.2
Chick – peas	-	-	-	-	-	-	-
Lentils	123.1	69.17	24.17	3.33	-	1.67	1.67
Vetch	-	-	-	-	-	-	-
Soya beans	1,209.79	85	-	13.33	-	-	1.67
Fenugreek	4.08	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	1,008.05	78	4.5	13.5	-	-	4
Neug	-	-	-	-	-	-	-
Linseed	724.63	87.5	3.13	9.38	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	283.41	40	10	30	-	-	20
Vegetables	390,856.68	82.96	0.81	14.36	0.09	0.07	1.7
Lettuce	-	-	-	-	-	-	-
Head cabbage	4,948.94	96.82	-	3.18	-	-	-
Ethiopian cabbage	337,001.56	86.74	0.54	10.51	0.11	0.09	2.01
Tomatoes	13,361.53	89.38	-	10.63	-	-	-
Green peppers	14,593.11	99.23	-	0.77	-	-	-
Red peppers	18,785.00	21.18	5.13	73.29	-	-	0.39
Swiss chard	2,166.54	100	-	-	-	-	-
Root Crops	405,313.52	75.08	16.23	7.7	0.08	0.28	0.62
Beetroot	11,680.15	85.25	-	14.07	-	-	0.68
Carrot	760.56	100	-	-	-	-	-
Onion	7,343.31	91.6	-	8	0.2	-	0.2
Potatoes	91,661.99	49.39	42.96	7.4	0.05	-	0.2
Garlic	3,760.28	62.14	14.29	22.14	-	-	1.43
Taro / 'Godere'	139,043.87	78.08	15.72	5.24	-	0.05	0.91
Sweet potatoes	151,063.37	91.42	0.81	5.34	0.27	1.35	0.81
Permanent crops	970,078.76	65.46	0.58	30.36	0.39	1.68	1.53
Avocados	29,551.87	73.33	-	25.74	0.12	-	0.8
Bananas	202,383.33	54.19	0.35	44.65	-	-	0.81
Guavas	46.31	90	-	10	-	-	-
Lemons	87.38	100	-	-	-	-	-
Mangoes	2,869.78	82.65	-	15.59	-	-	1.76
Oranges	3,459.12	64.29	-	32.14	-	-	3.57
Papayas	2,576.31	75.77	-	23.85	-	-	0.38
Pineapples	-	-	-	-	-	-	-
Chat	13,091.89	19.32	1.35	77.09	0.27	-	1.96
Coffee	45,840.98	69.51	0.23	29.28	0.05	-	0.93
Hops (Gesho)	971.77	12.26	3.23	84.52	-	-	-
Enset	253,878.06	83.08	0.49	9.97	0.99	3.15	2.33
Sugar cane	415,321.96	46.88	1.67	40.35	0.21	8.75	2.15

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	497,821.29	66.67	13.46	18.46	0.23	0.15	1.02
Cereals	408,313.34	62.83	13.94	21.64	0.3	0.25	1.05
Teff	99,704.95	45.81	12.75	40.21	0.07	0.33	0.83
Barley	23,563.60	67.15	19.47	12.94	0.09	-	0.35
Wheat	221,567.28	60.17	16.21	21.1	0.73	-	1.79
Maize	13,910.45	95.33	3.33	1.33	-	-	-
Sorghum	48,203.73	89.66	7.9	1.01	-	0.77	0.66
Finger millet	1,218.23	95	5	-	-	-	-
Oats "Aja"	145.1	45	5	40	-	10	-
Rice	-	-	-	-	-	-	-
Pulses	89,247.99	73.67	12.8	12.64	0.12	-	0.76
Horse beans	70,652.72	76.37	7.51	14.98	0.19	-	0.95
Field peas	10,902.90	67.15	8.92	23.08	0.08	-	0.77
Haricot beans	7,587.81	70.47	27.14	1.97	-	-	0.43
Chick – peas	61.5	100	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	43.05	67	15	18	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	259.96	32.5	2.5	48.33	-	-	16.67
Neug	-	-	-	-	-	-	-
Linseed	259.96	32.5	2.5	48.33	-	-	16.67
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	204,885.75	84.84	0.13	12.78	0.02	0.02	2.2
Lettuce	-	-	-	-	-	-	-
Head cabbage	14,925.00	47.38	-	50.71	-	0.24	1.67
Ethiopian cabbage	165,880.27	88.45	0.15	9.14	0.03	0.01	2.21
Tomatoes	16,092.12	52.86	-	47.14	-	-	-
Green peppers	650.79	87.73	-	8.18	-	-	4.09
Red peppers	7,337.58	50	-	47.69	-	-	2.31
Swiss chard	-	-	-	-	-	-	-
Root Crops	660,157.38	67.26	22.01	8.74	0.03	1.27	0.7
Beetroot	3,769.98	72.83	-	26.74	-	-	0.43
Carrot	3,725.82	28.93	6.43	64.29	-	-	0.36
Onion	3,639.54	68.46	13.85	17.69	-	-	-
Potatoes	185,700.46	50.32	40.18	9.13	0.08	-	0.3
Garlic	2,154.74	40.38	33.85	25.38	-	-	0.38
Taro / 'Godere'	286,797.31	68.54	23.92	5.51	-	1.01	1.01
Sweet potatoes	174,369.54	91.4	0.51	3.41	0.03	3.76	0.89
Permanent crops	431,147.20	60.88	0.41	33.68	0.19	2.77	2.06
Avocados	26,753.10	57.86	-	40.01	-	0.16	1.97
Bananas	103,091.64	48.55	0.22	49.4	-	0.69	1.14
Guavas	117.32	67.5	-	30	-	-	2.5
Lemons	81.02	47	-	48	-	-	5
Mangoes	8,000.36	51.63	-	45.65	-	0.22	2.5
Oranges	1,817.57	54.32	-	43.41	-	0.91	1.36
Papayas	2,537.32	80	-	18.64	-	-	1.36
Pineapples	-	-	-	-	-	-	-
Chat	5,268.67	1.61	-	97.74	-	-	0.65
Coffee	17,854.23	59.68	0.06	38.77	-	0.04	1.46
Hops (Gesho)	332.52	8.79	3.45	87.76	-	-	-
Enset	103,001.32	86.58	-	7.76	0.7	1.23	3.73
Sugar cane	162,292.12	47.64	3.14	22.5	-	25.55	1.18

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	1,564,343.52	53.28	9.45	28.9	0.93	1.98	5.46
Cereals	1,090,169.79	53.18	8.95	29.64	0.76	2.35	5.14
Teff	95,720.82	38.8	7.4	45.2	0.4	2.6	5.6
Barley	402,156.03	48.91	12.14	32.69	0.6	1.79	3.86
Wheat	43,434.51	54.33	14.67	25.67	0.33	0.67	4.33
Maize	537,228.76	61.71	4.83	22.86	1.18	3.01	6.41
Sorghum	11,629.67	59	10	19	-	5	7
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	473,586.68	53.37	11.37	26.2	1.52	0.83	6.72
Horse beans	93,827.05	53.46	16.92	26.54	-	-	3.08
Field peas	36,807.70	37.69	12.31	39.62	1.15	2.31	6.92
Haricot beans	342,914.03	61.84	6.35	20.71	2.45	0.65	8
Chick – peas	3.25	-	100	-	-	-	-
Lentils	16.02	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	18.63	25	5	70	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	587.04	61.5	2.5	36	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	419.24	61.5	2.5	36	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	167.8	-	-	-	-	-	-
Vegetables	523,755.70	72.76	1.01	21.79	0.21	1.09	3.14
Lettuce	-	-	-	-	-	-	-
Head cabbage	5,108.16	85	2.5	2.5	-	-	10
Ethiopian cabbage	414,546.38	72.52	1.02	22.16	0.24	1.27	2.8
Tomatoes	7,139.93	-	-	-	-	-	-
Green peppers	44,424.93	74.6	0.2	22.3	-	-	2.9
Red peppers	52,536.30	50	5	25	-	-	20
Swiss chard	-	-	-	-	-	-	-
Root Crops	1,363,261.91	51	1.73	38.93	1.5	3.33	3.5
Beetroot	930.06	100	-	-	-	-	-
Carrot	3,786.83	-	-	-	-	-	-
Onion	82,383.97	31.67	-	63.89	-	-	4.44
Potatoes	23,158.44	-	-	-	-	-	-
Garlic	1,556.53	15	2	83	-	-	-
Taro / 'Godere'	46,769.23	100	-	-	-	-	-
Sweet potatoes	1,204,676.84	45	3.57	36.43	3.21	7.14	4.64
Permanent crops	7,446,619.62	54.01	3.07	34.17	1.64	3.49	3.63
Avocados	103,523.96	41.89	-	49.44	3.33	0.56	4.78
Bananas	254,747.10	37.33	1.5	44.33	0.83	12.17	3.83
Guavas	1,347.44	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	7,490.18	-	-	-	-	-	-
Oranges	5,958.37	23.33	-	76.67	-	-	-
Papayas	21,494.68	-	-	-	-	-	-
Pineapples	7,504.64	-	-	-	-	-	-
Chat	292,369.46	-	20	80	-	-	-
Coffee	430,426.10	25.57	4.31	64.94	1.67	0.26	3.26
Hops (Gesho)	7,254.23	-	-	-	-	-	-
Enset	2,791,571.61	73.8	2.44	13.91	1.74	4.23	3.87
Sugar cane	3,522,931.85	15	2	74	1	4	4

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	273,453.79	59.4	11.47	27	0.42	0.35	1.36
Cereals	244,339.37	53.51	12.04	31.69	0.59	0.55	1.62
Teff	2,709.29	62.73	10	27.27	-	-	-
Barley	47,287.22	54.33	16.39	26.63	0.61	0.41	1.63
Wheat	6,619.48	53.5	12.5	32	-	-	2
Maize	187,408.17	49.92	9.38	37.27	0.78	0.86	1.8
Sorghum	315.23	95	-	-	-	-	5
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	28,906.13	70.63	10.28	17.99	0.14	-	0.97
Horse beans	21,565.97	55.17	10.69	31.55	0.34	-	2.24
Field peas	2,821.59	59.17	13.33	26.67	-	-	0.83
Haricot beans	4,281.96	85.56	9.44	5	-	-	-
Chick – peas	236.61	50	10	40	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	208.29	58	13	29	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	208.29	46.67	21.67	31.67	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	171,829.14	86.14	-	11.75	0.29	-	1.82
Lettuce	-	-	-	-	-	-	-
Head cabbage	201.22	-	-	-	-	-	-
Ethiopian cabbage	169,588.61	85.17	-	12.57	0.31	-	1.94
Tomatoes	302.08	100	-	-	-	-	-
Green peppers	1,632.09	100	-	-	-	-	-
Red peppers	46.36	-	-	-	-	-	-
Swiss chard	58.76	100	-	-	-	-	-
Root Crops	230,704.53	71.5	0.44	27.65	-	-	0.4
Beetroot	612.03	81.25	-	18.75	-	-	-
Carrot	155.96	100	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	811.49	96.67	-	3.33	-	-	-
Garlic	1,980.67	30	-	60	-	-	10
Taro / 'Godere'	80,362.58	88.95	0.81	9.92	-	-	0.32
Sweet potatoes	146,781.80	43.66	-	56.22	-	-	0.12
Permanent crops	576,698.44	43.99	0.77	53.43	0.11	-	1.69
Avocados	39,615.80	27.7	1.13	70.89	-	-	0.28
Bananas	47,271.83	28.7	2.9	68.04	-	-	0.36
Guavas	67.95	60	-	35	-	-	5
Lemons	2.76	-	-	100	-	-	-
Mangoes	7,323.08	8.21	-	91.79	-	-	-
Oranges	54.44	-	-	100	-	-	-
Papayas	945.07	30	-	70	-	-	-
Pineapples	607.76	16.67	-	83.33	-	-	-
Chat	5,506.19	19.5	-	65.5	-	-	15
Coffee	123,814.53	21.93	0.9	74.6	0.15	-	2.41
Hops (Gesho)	1,096.12	20	-	80	-	-	-
Enset	215,882.07	86.74	-	11.55	0.18	-	1.53
Sugar cane	134,510.85	12.89	-	86.58	-	-	0.53

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	756,794.49	55.17	14.73	26.97	0.57	1.85	0.71
Cereals	407,364.32	45.21	13.83	36.05	0.83	3.25	0.84
Teff	247,900.24	30.4	14.11	53.17	0.85	0.69	0.78
Barley	4,551.09	62.63	23.68	13.68	-	-	-
Wheat	86,151.09	52.1	15.34	29.88	0.9	0.14	1.64
Maize	52,239.39	68.5	7.78	8.33	0.93	13.8	0.67
Sorghum	16,362.51	76.35	9	3.07	0.88	10.09	0.61
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	160.01	30	60	10	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	349,417.27	63.81	15.23	19.38	0.34	0.66	0.59
Horse beans	19,297.39	66.58	13.33	18.27	0.18	-	1.64
Field peas	16,285.13	60.96	16.63	22.37	-	-	0.04
Haricot beans	303,599.05	62.96	15.93	19.8	0.26	0.54	0.51
Chick – peas	8,782.37	56.67	13.89	21.11	2.78	3.89	1.67
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	1,453.34	85.95	4.52	5	0.95	3.57	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	12.89	52	46	-	2	-	-
Neug	-	-	-	-	-	-	-
Linseed	12.89	52	46	-	2	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	105,184.81	80.68	0.23	16.91	0.29	-	1.89
Lettuce	-	-	-	-	-	-	-
Head cabbage	6,664.50	78	-	22	-	-	-
Ethiopian cabbage	87,916.57	81.83	0.28	15.31	0.37	-	2.22
Tomatoes	1,172.31	61.25	-	38.75	-	-	-
Green peppers	9,025.37	77.88	-	21.15	-	-	0.96
Red peppers	406.06	76.11	-	23.89	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	2,868,068.52	73.9	13.03	6.2	0.33	5.87	0.67
Beetroot	6,859.80	39.44	-	60.56	-	-	-
Carrot	2,876.77	26.25	-	66.25	-	5	2.5
Onion	2,044.50	55.5	23.5	20.5	-	-	0.5
Potatoes	95,521.75	53.11	40.41	6.39	-	0.1	-
Garlic	299.35	-	20	80	-	-	-
Taro / 'Godere'	836,353.86	68.48	22.44	7.61	0.6	0.47	0.4
Sweet potatoes	1,924,112.50	83.94	0.18	3.14	0.2	11.52	1.01
Permanent crops	1,376,382.18	49.74	1.35	43.4	0.11	3.9	1.5
Avocados	101,316.04	50.58	1.12	45.57	-	2.05	0.69
Bananas	209,493.47	34.8	1.27	63.04	-	0.06	0.83
Guavas	381.4	80	-	15.83	-	-	4.17
Lemons	563.79	51.43	-	43.57	-	-	5
Mangoes	80,905.08	51.42	0.49	46.91	-	0.07	1.11
Oranges	7,354.99	57.35	2.74	37.1	-	0.65	2.16
Papayas	13,827.49	71.62	0.74	22.5	-	0.29	4.85
Pineapples	110.77	70	-	30	-	-	-
Chat	1,005.17	-	0.71	99.29	-	-	-
Coffee	69,550.04	44.68	1.49	52.82	0.05	-	0.96
Hops (Gesho)	1,154.82	25	-	75	-	-	-
Enset	104,750.33	85.71	1.81	4.66	0.64	3.97	3.21
Sugar cane	785,968.80	32.9	1.84	25.93	-	36.6	2.73

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	931,067.33	54.11	14.72	26.78	0.57	0.58	3.24
Cereals	815,844.12	57.05	14.37	23.76	0.51	0.84	3.47
Teff	9,837.87	46.63	9.75	34.63	1.13	-	7.88
Barley	124,410.98	55.97	17.76	20.89	0.24	0.11	5.03
Wheat	79,443.04	36.25	27.33	32.58	0.53	0.17	3.13
Maize	420,035.45	60.28	11.88	23.07	0.81	1.32	2.64
Sorghum	181,730.03	63.63	12.36	20.13	-	1.05	2.83
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	386.75	80	6.25	13.75	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	98,966.38	54.06	14.17	27.82	0.45	-	3.5
Horse beans	52,369.44	52.38	16.01	26.85	0.51	-	4.25
Field peas	29,595.68	43.1	17.6	34.3	0.3	-	4.7
Haricot beans	16,895.37	66.13	8.82	23.46	0.52	-	1.07
Chick – peas	-	-	-	-	-	-	-
Lentils	105.89	50	25	25	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	16,256.83	24.91	20.04	53.33	1.58	0.05	0.09
Neug	-	-	-	-	-	-	-
Linseed	437.28	35	16.25	48.75	-	-	-
Groundnuts	6,307.13	22.5	-	76.25	-	-	1.25
Safflower	258.96	81.25	4	14.38	-	0.38	-
Sesame	9,253.46	10.81	26.49	60.27	2.43	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	42,475.69	68.86	2.67	26.49	-	-	1.98
Lettuce	-	-	-	-	-	-	-
Head cabbage	180.28	15	-	85	-	-	-
Ethiopian cabbage	41,856.26	73.86	1.16	22.55	-	-	2.42
Tomatoes	-	-	-	-	-	-	-
Green peppers	83.92	60.75	1.25	38	-	-	-
Red peppers	355.24	54.32	9.45	35.55	-	-	0.68
Swiss chard	-	-	-	-	-	-	-
Root Crops	143,388.34	70.66	2.17	24.96	0.3	0.69	1.22
Beetroot	4,351.57	27.5	5	61.25	-	-	6.25
Carrot	125.52	-	-	100	-	-	-
Onion	12,506.28	61.67	2.92	34.17	-	-	1.25
Potatoes	6,598.51	36	7	57	-	-	-
Garlic	7,494.66	25.45	23.18	46.36	-	-	5
Taro / 'Godere'	55,654.24	79.67	0.33	19.04	0.43	-	0.52
Sweet potatoes	56,657.57	72.32	0.89	22.18	0.27	2.68	1.66
Permanent crops	226,969.77	49.61	0.71	44.69	0.55	1.51	2.93
Avocados	1,242.15	53	-	44.31	-	-	2.69
Bananas	67,685.79	44	0.6	52.66	0.54	0.36	1.84
Guavas	-	-	-	-	-	-	-
Lemons	59.12	100	-	-	-	-	-
Mangoes	12,316.66	62.71	1.47	33.08	-	-	2.75
Oranges	383.64	100	-	-	-	-	-
Papayas	11,683.11	69.55	-	28.75	-	-	1.7
Pineapples	387.34	4	-	96	-	-	-
Chat	1,124.69	2.35	-	97.65	-	-	-
Coffee	15,090.09	22.13	0.61	74.91	0.89	-	1.47
Hops (Gesho)	280.73	-	-	100	-	-	-
Enset	81,424.76	72.09	0.7	16.08	0.66	4.76	5.71
Sugar cane	35,291.69	20.45	4.09	71.82	1.36	-	2.27

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	297,027.23	67.69	12.56	14.71	3.7	0.77	0.58
Cereals	255,109.51	67.76	12.88	12.52	5.41	1.18	0.26
Teff	17,522.06	49.45	31.25	19.3	-	-	-
Barley	2,380.56	51.7	29.33	16.8	1	0.9	0.27
Wheat	1,590.47	52.57	23.36	23.36	-	0.36	0.36
Maize	10,803.01	74.17	4.65	6.4	8.33	6.25	0.21
Sorghum	214,564.46	74.54	6.26	10.79	7.79	0.51	0.11
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	8,248.94	84	5.25	6.58	-	-	4.17
Pulses	41,917.72	67.32	11.89	19.07	0.54	-	1.18
Horse beans	12,221.50	58.49	16.63	23.61	0.1	-	1.18
Field peas	28,228.78	54.27	16.02	28.95	-	-	0.76
Haricot beans	1,467.44	91.44	2.68	2.54	1.59	-	1.75
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	40,751.45	79.6	3.03	16.61	0.2	-	0.55
Lettuce	-	-	-	-	-	-	-
Head cabbage	6,439.12	39.5	-	60	-	-	0.5
Ethiopian cabbage	15,082.62	88.56	4.38	6.03	0.33	-	0.71
Tomatoes	7,426.86	50.91	-	49.09	-	-	-
Green peppers	8,924.18	67.17	0.86	31.71	-	-	0.26
Red peppers	2,851.65	86.76	2.24	11	-	-	-
Swiss chard	27.02	25	-	65	-	-	10
Root Crops	81,897.73	76.12	9.49	12.67	0.81	0.4	0.51
Beetroot	17.85	95	-	-	-	-	5
Carrot	12.77	100	-	-	-	-	-
Onion	6,207.71	61.32	2.06	36.18	-	-	0.44
Potatoes	2,352.36	39	2	59	-	-	-
Garlic	1,311.93	60.5	13.5	25.83	-	-	0.17
Taro / 'Godere'	66,873.25	82.09	11.4	4.36	0.92	0.61	0.62
Sweet potatoes	5,121.85	86.92	-	9.23	3.85	-	-
Permanent crops	383,035.12	64.77	0.39	29.24	2.06	1.3	2.24
Avocados	10,431.06	75.03	-	21.03	0.43	-	3.5
Bananas	12,086.09	51.27	0.12	47.49	-	-	1.11
Guavas	28.87	99.29	-	-	-	-	0.71
Lemons	434.65	56	-	20	-	-	24
Mangoes	10,352.15	85.65	0.45	8.69	0.45	-	4.77
Oranges	11,011.26	84.33	-	13.33	-	-	2.33
Papayas	11,634.12	96.36	-	0.81	-	-	2.83
Pineapples	-	-	-	-	-	-	-
Chat	1,954.01	46.04	-	47.5	-	-	6.46
Coffee	103,400.60	26.74	0.35	66.17	6.48	-	0.26
Hops (Gesho)	463.86	49.52	-	40.13	3.23	-	7.13
Enset	148,943.88	84.27	1.03	10.09	1.38	2.28	0.96
Sugar cane	72,294.58	66.9	0.75	19.45	0.25	11.06	1.59

TABLE 1.7.9- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Kaffa

Type of Crop	Total Production (Quintal)	Percent Utilized for: Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	1,791,486.75	48.81	20.23	25.35	4.47	0.21	0.93
Cereals	1,383,817.79	46.23	21.03	26.85	4.8	0.36	0.74
Teff	327,054.14	43.97	24.5	25.08	5.7	-	0.75
Barley	92,421.99	41.26	27.25	25.38	4.82	0.64	0.64
Wheat	121,800.63	39.35	20.08	33.92	5.93	0.03	0.69
Maize	606,474.42	48.2	14.32	31.75	3.28	1	1.44
Sorghum	230,583.37	57.72	14.16	23.95	3.32	0.58	0.26
Finger millet	4,602.51	76.05	8.16	12.84	2.95	-	-
Oats "Aja"	880.74	45.83	37.5	8.33	8.33	-	-
Rice	-	-	-	-	-	-	-
Pulses	407,287.34	52.47	18.68	23.46	4.14	-	1.25
Horse beans	211,506.01	50.83	20.61	23	3.64	-	1.91
Field peas	145,329.03	46.82	19.38	27.73	5.19	-	0.88
Haricot beans	50,437.45	61.68	14.68	19.13	3.92	-	0.6
Chick – peas	-	-	-	-	-	-	-
Lentils	14.85	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	381.62	52.71	31.38	15.92	-	-	-
Neug	16.23	56.67	43.33	-	-	-	-
Linseed	297.89	54.17	32.78	13.06	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	67.5	10	16.5	73.5	-	-	-
Vegetables	113,105.60	83.48	1.9	12.89	0.12	-	1.6
Lettuce	-	-	-	-	-	-	-
Head cabbage	641.57	48.75	-	51.25	-	-	-
Ethiopian cabbage	100,684.89	84.97	2.05	11.11	0.15	-	1.71
Tomatoes	95.05	-	-	100	-	-	-
Green peppers	7,983.39	78.37	0.2	19.41	-	-	2.02
Red peppers	3,150.08	83.1	3.45	13.45	-	-	-
Swiss chard	550.62	-	-	-	-	-	-
Root Crops	293,312.43	79.74	7.33	11.08	0.16	0.09	1.6
Beetroot	3,653.58	62.5	-	37.5	-	-	-
Carrot	394.91	25	-	50	-	-	25
Onion	5,246.13	71.48	7.6	20.52	-	-	0.4
Potatoes	6,163.91	80.63	9.38	8.75	-	-	1.25
Garlic	4,433.26	46.08	15.7	38.22	-	-	-
Taro / 'Godere'	258,122.63	84.27	6.78	6.94	0.18	0.06	1.77
Sweet potatoes	15,298.01	79.21	2.08	15.38	0.42	0.83	2.08
Permanent crops	1,177,614.81	72.72	0.58	23.05	0.5	1	2.15
Avocados	4,896.35	58.13	1.44	36.69	-	-	3.75
Bananas	50,830.88	54.78	0.87	39.97	0.21	1.36	2.81
Guavas	14.24	-	-	-	-	-	-
Lemons	456.61	18.5	-	57.5	1.5	1	21.5
Mangoes	1,071.33	75	0.56	21.67	-	-	2.78
Oranges	549.24	85	-	12.5	-	-	2.5
Papayas	8,192.59	75.53	0.59	18.74	0.15	-	5
Pineapples	-	-	-	-	-	-	-
Chat	2,964.00	19	-	80.63	-	-	0.38
Coffee	84,499.53	70.99	0.51	27.36	0.19	-	0.95
Hops (Gesho)	914.98	48.41	-	45.45	-	-	6.14
Enset	834,750.43	87.32	0.39	8.16	0.86	1.46	1.82
Sugar cane	188,474.65	70	1.3	21.76	0.82	2.33	3.79

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	2,284,268.21	61.58	15.03	20.48	0.52	0.81	1.59
Cereals	2,078,816.81	58.93	15.6	22.11	0.54	1.09	1.72
Teff	464,749.85	35.11	16.14	45.78	0.43	0.2	2.34
Barley	441,667.05	63.62	19.4	14.24	0.47	1.49	0.78
Wheat	264,760.98	64.1	18.87	14.69	1.02	0.12	1.21
Maize	771,820.88	70.97	11.66	13.21	0.44	1.63	2.09
Sorghum	135,796.45	75.36	12.2	7.62	0.79	2.31	1.71
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	21.6	82.5	12.5	-	-	-	5
Pulses	203,421.77	69.68	13.32	15.24	0.43	0.1	1.24
Horse beans	43,578.19	69.05	12.52	15.19	0.95	-	2.29
Field peas	32,538.92	62.31	16.15	18.62	1.08	-	1.85
Haricot beans	119,997.70	72.31	12.86	14.11	-	0.17	0.55
Chick – peas	6,797.54	90	10	-	-	-	-
Lentils	228.58	53.75	16.25	26.25	-	-	3.75
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	280.84	40	10	50	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	2,029.63	50.83	16.83	30.5	0.67	-	1.17
Neug	-	-	-	-	-	-	-
Linseed	671.66	49.52	18.33	29.52	0.95	-	1.67
Groundnuts	896.67	15	20	65	-	-	-
Safflower	346.99	70	8	22	-	-	-
Sesame	114.31	52.5	20	27.5	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	70,157.42	83.91	0.06	14.83	0.15	0.07	0.98
Lettuce	-	-	-	-	-	-	-
Head cabbage	35.5	70	-	30	-	-	-
Ethiopian cabbage	66,186.61	86.21	-	12.6	0.17	0.08	0.94
Tomatoes	55.82	10	-	80	-	-	10
Green peppers	3,068.96	61.25	1	36.5	-	-	1.25
Red peppers	810.54	82.5	-	17.5	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	1,255,791.89	78.99	5.58	12.13	0.19	2.57	0.55
Beetroot	1,044.96	-	-	-	-	-	-
Carrot	40.39	-	-	-	-	-	-
Onion	34,463.33	26.69	24.07	48.61	0.17	-	0.46
Potatoes	195,044.25	71.58	14.74	12.31	0.77	0.13	0.47
Garlic	17,427.27	34.58	17.92	47.5	-	-	-
Taro / 'Godere'	205,956.21	92.35	4.12	2.58	-	0.38	0.57
Sweet potatoes	801,815.48	83.33	0.03	10.71	0.13	5.2	0.6
Permanent crops	1,232,050.03	53.89	0.75	41.4	0.33	1.98	1.65
Avocados	10,708.43	51.94	-	44.17	-	-	3.89
Bananas	735,619.67	40.44	0.83	56.27	0.37	0.05	2.03
Guavas	-	-	-	-	-	-	-
Lemons	1,530.25	27.27	-	69.55	-	-	3.18
Mangoes	99,235.77	53.64	-	45.79	-	-	0.57
Oranges	2,583.64	70	-	23.33	-	-	6.67
Papayas	26,830.01	92.23	-	6.6	-	-	1.17
Pineapples	-	-	-	-	-	-	-
Chat	2,069.48	6.07	0.69	84.28	-	-	8.97
Coffee	16,101.19	35.58	1.36	62.09	0.08	-	0.89
Hops (Gesho)	941.23	17	1.25	80.25	1.5	-	-
Enset	162,602.64	81.24	0.65	9.73	0.69	6.31	1.38
Sugar cane	173,827.72	45.51	0.11	51.42	0.05	0.44	2.47

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	725,488.36	50.6	12.07	33.91	2.39	0.11	0.91
Cereals	604,338.84	48.44	12.41	35.43	2.72	0.17	0.83
Teff	88,732.90	24.78	17.07	52.34	5.36	-	0.46
Barley	55,909.41	29.11	14.71	53.63	2.19	0.16	0.19
Wheat	19,413.28	42.65	13.57	43.26	0.43	-	0.09
Maize	172,922.34	68.41	8.64	19.64	1.41	0.51	1.38
Sorghum	228,315.52	61.46	10.88	24.82	1.66	0.1	1.08
Finger millet	3,849.01	37	11	40	11	-	1
Oats "Aja"	-	-	-	-	-	-	-
Rice	35,196.37	31.1	13.33	48.57	6.43	-	0.57
Pulses	121,141.06	55.43	11.07	30.63	1.78	-	1.08
Horse beans	64,275.60	38.4	14.99	44.22	1.86	-	0.53
Field peas	22,200.23	31.32	13.21	51.58	3.16	-	0.74
Haricot beans	34,660.71	75.71	7.78	14.16	0.92	-	1.43
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	4.52	25	10	40	25	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	8.47	1.67	40	58.33	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	8.47	-	100	-	-	-	-
Vegetables	108,346.51	78.43	0.21	19.2	0.17	0.01	1.98
Lettuce	-	-	-	-	-	-	-
Head cabbage	4,663.91	40.3	-	59.7	-	-	-
Ethiopian cabbage	80,801.74	80.98	0.27	16.47	-	-	2.28
Tomatoes	756.86	44	-	45	-	-	11
Green peppers	15,022.28	73.91	0.09	23.86	1.05	0.09	1
Red peppers	7,077.45	81.35	-	17.77	-	-	0.88
Swiss chard	24.27	-	-	-	-	-	-
Root Crops	375,906.19	80.43	4.37	13.26	0.31	0.07	1.56
Beetroot	-	-	-	-	-	-	-
Carrot	132.29	10	-	40	50	-	-
Onion	7,488.88	19.29	0.71	80	-	-	-
Potatoes	4,339.46	63.33	-	33.33	-	-	3.33
Garlic	148.87	47.5	7.5	45	-	-	-
Taro / 'Godere'	358,060.96	82.26	4.83	11.03	0.21	0.08	1.57
Sweet potatoes	5,735.74	79.39	0.83	18.06	-	-	1.72
Permanent crops	624,857.73	47.83	0.35	49.36	0.41	0.37	1.68
Avocados	9,022.08	48.06	-	49.84	0.86	-	1.24
Bananas	82,158.46	51.15	0.36	46.15	0.21	0.21	1.92
Guavas	17.18	80	-	-	-	-	20
Lemons	105.47	44	-	52	-	-	4
Mangoes	22,287.66	57.47	-	38.87	1.03	-	2.63
Oranges	8,349.93	62.22	-	36.67	-	-	1.11
Papayas	25,912.38	85.85	0.18	11.4	0.12	0.12	2.32
Pineapples	75.19	55	-	45	-	-	-
Chat	9,651.89	4.86	-	94.42	-	-	0.72
Coffee	120,483.56	17.41	0.61	80.48	0.94	0.2	0.36
Hops (Gesho)	1,741.11	18.79	-	80.09	0.34	-	0.78
Enset	63,843.58	80.57	0.45	15.03	0.07	1.31	2.58
Sugar cane	281,209.24	55.65	0.34	41.13	-	-	2.88

TABLE 1.7.12- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Yem Special Wereda

Type of Crop	Total Production (Quintal)	Percent Utilized for: Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	275,242.74	57.27	19.71	11.01	1.21	0.7	10.09
Cereals	238,517.36	57.76	18.47	10.71	1.49	0.96	10.61
Teff	70,239.02	47.72	17.36	20.81	2.31	0.05	11.74
Barley	11,831.08	54.54	30.46	3.88	0.44	1.85	8.85
Wheat	64,881.12	49.59	21.16	12.95	1.13	-	15.18
Maize	68,242.48	69.36	11.86	7.03	2.39	1.61	7.75
Sorghum	23,156.03	74.12	10.96	3.77	0.47	1.97	8.71
Finger millet	5.86	50	10	40	-	-	-
Oats "Aja"	161.78	47.73	38.73	6.36	-	0.45	6.73
Rice	-	-	-	-	-	-	-
Pulses	36,439.37	56.06	23.71	10.91	0.16	-	9.16
Horse beans	21,168.01	58.8	22.15	8.97	0.26	-	9.82
Field peas	14,641.27	50.33	27.67	11.2	0.08	-	10.73
Haricot beans	34.54	90	6.84	3.16	-	-	-
Chick – peas	3.74	100	-	-	-	-	-
Lentils	568.6	57.67	17.64	14.09	-	-	10.61
Vetch	-	-	-	-	-	-	-
Soya beans	4.82	85	15	-	-	-	-
Fenugreek	18.39	31.15	39.04	27.88	-	-	1.92
Gibto	-	-	-	-	-	-	-
Oilseeds	286.02	54.68	12.71	25.46	5.36	-	1.79
Neug*	0.43	-	-	-	-	-	-
Linseed	243.8	62.13	12.75	18.88	4.17	-	2.08
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	37.75	13.33	13.33	56.67	16.67	-	-
Rapeseed	4.04	-	10	90	-	-	-
Vegetables	16,260.65	78.67	0.8	18.17	0.08	0.03	2.25
Lettuce	-	-	-	-	-	-	-
Head cabbage	19.18	95	-	5	-	-	-
Ethiopian cabbage	15,563.84	79.54	0.81	17.27	0.09	0.04	2.26
Tomatoes	5.28	25	-	75	-	-	-
Green peppers	355.17	77.33	0.67	18	-	-	4
Red peppers	317.18	46.43	1.43	52.14	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	25,423.72	83.01	9.98	5.94	0.05	0.03	0.99
Beetroot	407.41	80	-	20	-	-	-
Carrot	36.46	30	-	70	-	-	-
Onion	12.31	100	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	266.72	74.17	25	0.83	-	-	-
Taro / 'Godere'	17,100.75	82.5	12.94	3.53	0.1	-	0.93
Sweet potatoes	7,600.07	85.49	4.49	8.62	-	0.08	1.31
Permanent crops	76,240.32	67.34	1.3	28.05	0.37	0.41	2.52
Avocados	1,460.12	59.65	5.85	33.6	-	-	0.9
Bananas	1,988.94	58.06	0.52	39.81	-	-	1.6
Guavas	33.95	46.67	12.5	38.33	-	-	2.5
Lemons	26.16	30	-	55	-	-	15
Mangoes	129.8	50	-	50	-	-	-
Oranges	394.32	45.7	-	51.2	-	-	3.1
Papayas	60.21	36.67	-	60	-	-	3.33
Pineapples	-	-	-	-	-	-	-
Chat	3,998.16	23.1	4.51	69.06	0.09	-	3.23
Coffee	3,239.03	90.29	0.44	8.46	-	-	0.82
Hops (Gesho)	542.67	54.02	-	44.46	-	-	1.52
Enset	19,384.66	89.43	0.2	5.27	1.06	0.84	3.2
Sugar cane	44,982.31	53.42	1.04	40.88	0.15	1.02	3.49

TABLE 1.7.13- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Amaro Special Wereda

Type of Crop	Total Production (Quintal)	Percent Utilized for: Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	97,388.95	56.1	12.18	29.54	0.28	0.16	1.75
Cereals	74,538.60	52.95	12.77	31.63	0.38	0.27	1.99
Teff	36,471.84	36.89	9.54	52.81	-	-	0.77
Barley	12,905.15	54.95	17.09	26.33	0.1	0.2	1.33
Wheat	10,698.58	49.19	21.35	28.11	0.27	-	1.08
Maize	13,881.89	73.45	7.61	14.58	1.41	0.92	2.04
Sorghum	581.12	60.63	5.63	5	-	-	28.75
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	22,811.26	60.04	11.46	26.96	0.13	-	1.41
Horse beans	2,430.96	64.4	12.16	22.24	0.17	-	1.03
Field peas	5,067.79	52.08	14.27	31.56	0.42	-	1.67
Haricot beans	14,312.55	63.78	9.32	25.27	-	-	1.62
Chick – peas	-	-	-	-	-	-	-
Lentils	986.02	32.92	17.5	49.17	-	-	0.42
Vetch	-	-	-	-	-	-	-
Soya beans	13.94	100	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	39.09	95	2.5	-	-	-	2.5
Neug	-	-	-	-	-	-	-
Linseed	15.12	100	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	23.97	90	5	-	-	-	5
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	19,493.82	69.73	0.09	28.97	0.13	-	1.07
Lettuce	-	-	-	-	-	-	-
Head cabbage	10.7	-	-	-	-	-	-
Ethiopian cabbage	19,227.58	70.15	-	28.79	0.15	-	0.92
Tomatoes	12.39	100	-	-	-	-	-
Green peppers	243.14	60.63	1.25	35	-	-	3.13
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	17,942.14	58.55	2.26	38.71	-	-	0.48
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	51.18	10	20	70	-	-	-
Potatoes	69.14	83.75	2.5	12.5	-	-	1.25
Garlic	353.14	30	27.5	42.5	-	-	-
Taro / 'Godere'	1,320.55	91.25	-	6.88	-	-	1.88
Sweet potatoes	16,148.13	54.11	-	45.67	-	-	0.22
Permanent crops	363,284.84	45.53	0.31	50.82	0.27	0.72	2.35
Avocados	4,998.75	31.34	-	66.34	-	-	2.32
Bananas	14,170.80	29.3	0.5	66.85	-	1.2	2.15
Guavas	15.86	10	-	85	-	-	5
Lemons	66.09	11	-	87	-	-	2
Mangoes	6,277.51	27.5	-	70.71	-	-	1.79
Oranges	145.33	18.33	-	80	-	-	1.67
Papayas	4,555.29	43.89	3.89	50.56	-	-	1.67
Pineapples	-	-	-	-	-	-	-
Chat	1,455.75	-	-	98.95	-	-	1.05
Coffee	24,841.53	29.03	0.32	69.08	-	0.1	1.48
Hops (Gesho)	-	-	-	-	-	-	-
Enset	82,009.29	77.39	0.19	18.48	0.73	0.19	3.01
Sugar cane	224,748.63	22.05	-	70.8	-	4.2	2.95

TABLE 1.7.14- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Burji Special Wereda

Type of Crop	Total Production (Quintal)	Percent Utilized for: Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	66,977.24	55.8	26	17.71	0.05	0.28	0.15
Cereals	41,964.13	55.9	26.83	16.55	0.08	0.45	0.18
Teff	14,280.04	35.18	30.11	34.1	0.04	0.04	0.54
Barley	1,140.66	61.62	32.85	5.54	-	-	-
Wheat	2,401.34	54.07	35.17	10.41	0.35	-	-
Maize	19,591.07	70.17	17.73	9.83	-	2.16	0.11
Sorghum	4,551.01	74.76	15.48	9.76	-	-	-
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	25,012.44	55.65	24.6	19.65	-	-	0.1
Horse beans	100.35	62.5	37.5	-	-	-	-
Field peas	185.01	55.67	34.67	9.67	-	-	-
Haricot beans	24,381.01	55.24	23.12	21.53	-	-	0.11
Chick – peas	318.35	60	34.09	5.91	-	-	-
Lentils	26.43	65	35	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	1.3	40	33.33	26.67	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	0.67	-	-	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	0.67	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	1,643.01	86.72	1.16	11.46	-	-	0.66
Lettuce	-	-	-	-	-	-	-
Head cabbage	2.62	100	-	-	-	-	-
Ethiopian cabbage	1,534.49	86.11	0.31	12.9	-	-	0.68
Tomatoes	20.02	100	-	-	-	-	-
Green peppers	81.99	86.43	6.43	6.43	-	-	0.71
Red peppers	3.4	-	-	-	-	-	-
Swiss chard	0.48	100	-	-	-	-	-
Root Crops	1,393.47	87.38	4.52	7.62	-	-	0.48
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	162.23	63.33	15	21.67	-	-	-
Potatoes	810.7	98.33	1.67	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	7.82	-	-	-	-	-	-
Sweet potatoes	412.72	77.5	5	15.83	-	-	1.67
Permanent crops	10,893.17	68.56	0.29	29.52	0.25	0.51	0.86
Avocados	634.27	33.08	-	64.62	-	-	2.31
Bananas	1,412.18	52.66	-	45.81	0.48	-	1.05
Guavas	6.11	86	-	14	-	-	-
Lemons	2.9	100	-	-	-	-	-
Mangoes	726.06	63.16	-	34.21	-	-	2.63
Oranges	58.83	46.67	-	53.33	-	-	-
Papayas	292.36	92.29	-	7.43	-	-	0.29
Pineapples	-	-	-	-	-	-	-
Chat	65.42	57.5	-	42.5	-	-	-
Coffee	493.78	68.72	0.22	29.67	0.11	-	1.28
Hops (Gesho)	4.13	17.14	-	70	-	12.86	-
Enset	2,459.85	84.95	-	14.15	0.45	-	0.45
Sugar cane	4,737.29	34.57	3.91	56.3	0.43	4.35	0.43

TABLE 1.7.15- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Konso Special Wereda

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	360,253.15	66.96	17.89	14.24	0.22	0.15	0.54
Cereals	333,063.01	65.65	18.22	15.35	0.22	0.03	0.54
Teff	65,933.06	32	24.53	43.47	-	-	-
Barley	364.05	65	35	-	-	-	-
Wheat	733.66	47.5	52.5	-	-	-	-
Maize	191,132.51	70.28	14.86	13.98	0.49	-	0.39
Sorghum	74,899.74	78.97	17.21	2.69	0.07	0.07	1
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	27,158.54	74.27	16.65	7.56	0.24	0.73	0.55
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	26,815.61	75.06	16.77	6.58	0.25	0.76	0.57
Chick – peas	342.94	53.33	13.33	33.33	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	31.6	10	7.5	82.5	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	31.6	10	7.5	82.5	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	2,671.59	65.42	-	31.25	-	-	3.33
Lettuce	-	-	-	-	-	-	-
Head cabbage	85.69	30	-	70	-	-	-
Ethiopian cabbage	2,080.45	100	-	-	-	-	-
Tomatoes	381.89	30	-	50	-	-	20
Green peppers	-	-	-	-	-	-	-
Red peppers	18.17	50	-	45	-	-	5
Swiss chard	105.39	25	-	75	-	-	-
Root Crops	5,802.56	78.44	1.09	15.31	1.25	2.5	1.41
Beetroot	28.91	-	-	100	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	1,616.86	30	-	50	-	-	20
Potatoes	2,397.32	94.17	5.83	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	39.65	100	-	-	-	-	-
Sweet potatoes	1,719.80	78.91	-	14.78	1.74	3.48	1.09
Permanent crops	34,243.61	53.5	0.85	44.04	0.49	0.08	1.04
Avocados	54.15	-	-	-	-	-	-
Bananas	4,225.75	57.8	0.98	39.02	1.22	0.24	0.73
Guavas	68.19	71.67	9.17	11.67	3.33	1.67	2.5
Lemons	3.32	100	-	-	-	-	-
Mangoes	6,799.67	81.05	-	17.37	-	-	1.58
Oranges	43.44	41.25	-	58.75	-	-	-
Papayas	3,590.57	80.19	-	18.37	-	-	1.44
Pineapples	-	-	-	-	-	-	-
Chat	1,069.01	0.63	-	95.63	0.63	-	3.13
Coffee	2,334.56	38.35	0.22	60.22	0.49	-	0.71
Hops (Gesho)	290.14	66.43	7.14	26.43	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	15,764.81	38.5	-	61.5	-	-	-

TABLE 1.7.16- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Derashe Special Wereda

Type of Crop	Total Production (Quintal)	Percent Utilized for: Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	225,512.05	56.65	17.29	21.89	1.21	0.27	2.69
Cereals	208,738.77	55.09	15.97	24	1.24	0.35	3.36
Teff	20,335.12	26.68	18.88	52.19	0.6	-	1.65
Barley	11,630.08	51.14	23.35	22.65	0.71	0.13	2.01
Wheat	9,526.00	36.95	26.7	33.35	1.63	-	1.38
Maize	113,149.74	67.15	12.53	15.31	1.26	0.94	2.8
Sorghum	54,097.82	62.75	12.79	16.62	1.72	-	6.12
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	16,713.83	61.19	22.39	14.76	1.18	-	0.47
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	9,153.71	64.63	19.98	12.7	1.96	-	0.74
Chick – peas	7,560.11	60.04	20.17	19.78	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	59.45	72.27	11.55	16.18	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	59.45	79	21	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	6,777.72	82.17	0.42	13.92	-	1.6	1.89
Lettuce	-	-	-	-	-	-	-
Head cabbage	6.15	55	25	20	-	-	-
Ethiopian cabbage	5,836.06	82.78	0.23	12.78	-	1.93	2.27
Tomatoes	17.77	100	-	-	-	-	-
Green peppers	805.22	66.67	-	33.33	-	-	-
Red peppers	57.94	67.14	-	32.86	-	-	-
Swiss chard	54.57	100	-	-	-	-	-
Root Crops	4,966.49	79.15	4.31	15	0.11	0.53	0.9
Beetroot	14.1	100	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	263.74	15.83	15.83	68.33	-	-	-
Potatoes	1,174.67	78.33	7.33	13.33	-	-	1
Garlic	95.03	66.67	6.67	26.67	-	-	-
Taro / 'Godere'	1,463.16	91.09	1.41	5.47	-	-	2.03
Sweet potatoes	1,955.80	92	1.33	4.5	0.33	1.67	0.17
Permanent crops	11,627.53	42.6	1.69	52.01	1.4	0.57	1.74
Avocados	40.35	65	-	35	-	-	-
Bananas	581.04	50.1	-	46.23	-	1.67	2
Guavas	6.66	-	-	-	-	-	-
Lemons	23.2	65	-	10	-	-	25
Mangoes	45.68	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	462.63	71.11	-	28.89	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	535.39	-	5.71	94.14	-	-	0.14
Coffee	945.92	24.96	2.42	70.82	0.88	-	0.92
Hops (Gesho)	111.15	28.08	-	66.92	-	-	5
Enset	7,489.22	78.1	0.7	12.97	4.05	1.46	2.72
Sugar cane	1,386.30	41.19	-	57.86	-	-	0.95

TABLE 1.7.17- 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	494,955.74	43.99	17.99	34.32	2.44	0.57	0.69
Cereals	327,925.64	41.29	18.23	37.02	1.99	0.76	0.71
Teff	158,674.40	32.16	18.7	45.65	2.26	0.49	0.75
Barley	10,416.75	41.96	22.22	33.71	1.96	0.1	0.06
Wheat	36,815.51	41.66	20.78	35.01	1.63	0.11	0.81
Maize	82,475.04	47.16	15.05	31.31	3.27	2.07	1.13
Sorghum	39,123.34	65.24	13.44	18	0.84	1.84	0.63
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	420.59	46.25	31.25	22.5	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	165,848.88	46.03	17.54	32.15	3.2	0.35	0.72
Horse beans	76,270.19	49.45	15.57	31.34	2.99	0.14	0.51
Field peas	67,499.17	34.1	17.87	42.31	5.44	0.2	0.08
Haricot beans	20,668.33	54.54	19.34	21.91	0.86	1.25	2.11
Chick – peas	412.73	80.71	9.29	5.71	2.86	-	1.43
Lentils	983.13	40.83	32.22	26.67	-	-	0.28
Vetch	-	-	-	-	-	-	-
Soya beans	15.34	80	10	-	-	-	10
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	1,181.21	62.22	19.1	17.34	1.22	-	0.12
Neug	0.7	75	25	-	-	-	-
Linseed	486.46	65.35	19.14	14.03	1.35	-	0.14
Groundnuts	686.43	29	12.5	58.5	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	7.63	-	25	75	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	27,762.62	89.96	0.95	6.91	0.09	0.05	2.05
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	27,047.51	90.6	0.95	6.43	0.09	0.05	1.88
Tomatoes	-	-	-	-	-	-	-
Green peppers	627.42	91.54	-	5.77	-	-	2.69
Red peppers	87.69	50	2.5	40	-	-	7.5
Swiss chard	-	-	-	-	-	-	-
Root Crops	393,475.30	76.41	15.1	5.63	0.41	1.22	1.22
Beetroot	252.95	30	-	70	-	-	-
Carrot	23.08	25	-	75	-	-	-
Onion	399.43	45	55	-	-	-	-
Potatoes	398.52	60	13.33	26.67	-	-	-
Garlic	576.03	67.5	13.25	16.75	-	-	2.5
Taro / 'Godere'	341,018.38	75.27	18.23	4.17	0.45	0.51	1.36
Sweet potatoes	50,806.92	84.56	1.17	8.99	0.29	4.26	0.72
Permanent crops	236,409.98	74.81	2.27	18.87	0.73	0.92	2.4
Avocados	5,895.72	71.36	-	26.64	0.27	-	1.73
Bananas	36,906.20	57.13	1.21	38.58	0.19	0.03	2.86
Guavas	77.57	78.33	-	18.33	-	-	3.33
Lemons	127.91	100	-	-	-	-	-
Mangoes	3,184.34	61.9	0.5	35.35	-	-	2.25
Oranges	832.79	50	-	42.5	-	-	7.5
Papayas	3,346.71	90.97	0.31	5	-	-	3.72
Pineapples	-	-	-	-	-	-	-
Chat	37.01	13.75	12.5	73.75	-	-	-
Coffee	15,071.07	77.62	1.01	19.31	0.82	-	1.23
Hops (Gesho)	8,099.11	54.06	-	39.06	-	-	6.88
Enset	126,868.49	85.22	4.09	5.39	1.24	1.63	2.43
Sugar cane	35,963.05	65.03	1.6	25.88	0.13	3.81	3.55

TABLE 1.7.18- 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	57,323.11	56.69	14.71	24.55	0.27	1.47	2.32
Cereals	52,648.25	53.92	14.23	26.6	0.25	1.8	3.19
Teff	13,086.12	42.72	18.56	33.85	0.38	0.31	4.18
Barley	1,562.21	40	17.06	41.76	-	-	1.18
Wheat	671.86	46.67	10.56	42.78	-	-	-
Maize	31,186.65	60.58	11.82	21.53	0.28	3.26	2.53
Sorghum	6,054.11	60.09	12.63	21.93	-	1.21	4.14
Finger millet	87.29	80	20	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	4,299.26	66.74	13.09	18.27	0.36	0.91	0.63
Horse beans	107.45	72.5	11.5	16	-	-	-
Field peas	778.15	66.08	13.97	18.92	-	-	1.03
Haricot beans	3,349.06	67.4	13.02	17.98	0.5	0.5	0.58
Chick – peas	63.54	33.33	8.33	25	-	33.33	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	1.05	50	17	33	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	375.61	32.44	33.07	34.48	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	53.7	60.17	16.83	23	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	35.97	61	23.4	15.6	-	-	-
Sesame	285.94	8.57	44.64	46.79	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	2,678.01	70	0.22	28.8	-	-	0.98
Lettuce	-	-	-	-	-	-	-
Head cabbage	1,109.38	65	-	32.78	-	-	2.22
Ethiopian cabbage	710.09	81.67	-	17.92	-	-	0.42
Tomatoes	9.68	50	-	50	-	-	-
Green peppers	164.73	35	-	65	-	-	-
Red peppers	279.04	55.5	1	42	-	-	1.5
Swiss chard	405.1	-	-	-	-	-	-
Root Crops	52,293.57	77.38	1.25	14.06	0.36	5.63	1.32
Beetroot	751.07	53.33	-	45.33	-	-	1.33
Carrot	10.7	25	-	75	-	-	-
Onion	438.95	52.74	12.37	34.11	-	-	0.79
Potatoes	445.44	87.27	3.18	8.64	-	-	0.91
Garlic	9.46	100	-	-	-	-	-
Taro / 'Godere'	12,396.85	90.46	1.4	5.78	0.6	0.21	1.56
Sweet potatoes	38,241.10	70.27	0.05	16.57	0.26	11.65	1.2
Permanent crops	90,590.95	49.68	0.26	43.54	0.37	4.24	1.9
Avocados	3,648.24	49.62	-	48.14	-	-	2.24
Bananas	15,882.44	49	-	47.93	0.08	0.3	2.69
Guavas	8.46	100	-	-	-	-	-
Lemons	1.98	-	-	-	-	-	-
Mangoes	1,675.68	55.97	-	43.42	-	-	0.61
Oranges	46.83	55	-	45	-	-	-
Papayas	1,409.16	94	-	1.33	-	1.33	3.33
Pineapples	-	-	-	-	-	-	-
Chat	4.33	-	-	100	-	-	-
Coffee	4,723.01	25.29	0.42	73.46	0.02	-	0.81
Hops (Gesho)	200.28	17.5	-	82.5	-	-	-
Enset	15,115.92	70.54	0.44	12.26	0.52	14.26	1.98
Sugar cane	47,874.63	57.76	-	35.02	1.74	1.96	3.52

TABLE 1.7.19- 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	163,165.93	46.89	20.46	29.97	1.24	0.57	0.88
Cereals	99,525.82	46.02	19.63	30.79	1.73	0.83	0.99
Teff	55,859.50	35.12	21.04	41.31	1.83	0.08	0.62
Barley	6,069.97	57.36	21.69	18.22	1.44	0.22	1.07
Wheat	8,190.67	48.74	18.17	30	2.86	-	0.24
Maize	4,445.14	64.71	10.92	12.5	2.71	5	4.17
Sorghum	24,909.02	57.42	17.49	21.1	0.65	2.08	1.26
Finger millet	9.99	-	100	-	-	-	-
Oats "Aja"	41.53	65	25	2.5	7.5	-	-
Rice	-	-	-	-	-	-	-
Pulses	63,561.94	48.33	21.55	28.77	0.47	0.17	0.71
Horse beans	49,801.63	45.01	19.45	34.12	0.71	0.09	0.63
Field peas	10,776.01	38.13	25.14	35.88	0.47	-	0.39
Haricot beans	2,972.13	66.65	20.79	10.79	-	0.53	1.25
Chick – peas	-	-	-	-	-	-	-
Lentils	12.16	30	70	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	78.17	41.67	36.67	21.67	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	18.31	57.5	10	32.5	-	-	-
Groundnuts	59.86	10	90	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	3,355.17	86.46	0.11	8.87	2.28	-	2.28
Lettuce	-	-	-	-	-	-	-
Head cabbage	24.7	-	-	-	-	-	-
Ethiopian cabbage	2,219.54	85.38	-	9.78	2.5	-	2.34
Tomatoes	-	-	-	-	-	-	-
Green peppers	1,082.30	88.64	0.45	8.64	1.36	-	0.91
Red peppers	28.64	90	-	-	3.33	-	6.67
Swiss chard	-	-	-	-	-	-	-
Root Crops	231,581.18	69.13	18.42	6.93	1.38	2.9	1.19
Beetroot	131.52	60	-	40	-	-	-
Carrot	138.23	100	-	-	-	-	-
Onion	1,291.26	64.13	7.5	27.75	-	-	0.63
Potatoes	2,858.87	57.14	22.14	17.86	2.86	-	-
Garlic	297.78	55	10	22.22	12.78	-	-
Taro / 'Godere'	216,859.24	69.35	22.29	6	0.93	0.15	1.27
Sweet potatoes	10,004.28	73.3	1.63	2.79	1.51	19.42	1.35
Permanent crops	82,586.02	66.25	1.08	24.98	1.55	3.21	2.93
Avocados	2,684.03	61.39	1.05	33.39	0.96	-	3.21
Bananas	14,027.49	55.85	0.13	39.43	0.93	0.08	3.58
Guavas	27.4	75	-	25	-	-	-
Lemons	501.12	75	-	15	-	-	10
Mangoes	1,910.51	49.64	1.43	41.07	-	-	7.86
Oranges	745.54	62.22	-	31.67	2.22	-	3.89
Papayas	3,397.83	61.65	-	30.38	0.58	0.77	6.62
Pineapples	-	-	-	-	-	-	-
Chat	192.63	13.85	-	84.62	-	-	1.54
Coffee	2,192.95	74.09	0.91	22.88	0.62	-	1.5
Hops (Gesho)	75.59	38.64	-	60	-	-	1.36
Enset	32,513.99	75.41	1.77	9.51	2.49	8.07	2.75
Sugar cane	24,316.93	55.76	2.24	31.66	4.31	3.45	2.59

TABLE 1.7.20- CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Silitie

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	1,980,157.79	66.25	10.22	21.53	0.23	0.76	1.02
Cereals	1,850,444.16	63.95	10.11	23.5	0.27	1.06	1.12
Teff	124,023.62	27.05	9.9	63	0.05	-	-
Barley	165,142.15	69.1	13.38	15.65	0.3	0.98	0.59
Wheat	441,401.61	35.79	15.1	47.9	0.07	0.15	0.98
Maize	969,802.36	81.96	5.58	7.73	0.55	2.16	2.02
Sorghum	143,971.67	81.56	9.35	6.66	0.19	1.2	1.04
Finger millet	6,102.74	94.42	3.65	1.54	-	-	0.38
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	127,762.59	72.27	10.3	16.51	0.15	-	0.77
Horse beans	59,019.81	79.05	9.69	9.84	0.27	-	1.14
Field peas	35,296.23	70.32	11.27	17.97	0.06	-	0.38
Haricot beans	16,695.86	62.55	10	27.45	-	-	-
Chick – peas	14,823.90	68.45	9.64	20.95	-	-	0.95
Lentils	-	-	-	-	-	-	-
Vetch	1,230.96	63.75	15	21.25	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	695.83	10	20.71	69.29	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	1,951.04	63.89	19.44	16.67	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	567.26	53.57	25	21.43	-	-	-
Groundnuts	11.03	100	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	1,372.76	100	-	-	-	-	-
Vegetables	731,783.45	69.31	0.44	28.13	0.2	0.05	1.86
Lettuce	-	-	-	-	-	-	-
Head cabbage	2,035.58	81.43	-	18.57	-	-	-
Ethiopian cabbage	369,137.61	83.17	0.08	14.69	0.1	0.07	1.89
Tomatoes	2,220.42	93.33	-	6.67	-	-	-
Green peppers	5,848.38	20	-	76.67	-	-	3.33
Red peppers	352,409.54	20.06	1.76	75.59	0.59	-	2
Swiss chard	131.93	100	-	-	-	-	-
Root Crops	43,222.29	78.48	9.2	11.45	-	0.14	0.72
Beetroot	1,442.65	92.31	-	6.15	-	-	1.54
Carrot	808.24	96.11	-	2.22	-	-	1.67
Onion	16,395.94	68.33	-	30.83	-	-	0.83
Potatoes	18,999.82	75	22.04	2.41	-	0.37	0.19
Garlic	5,150.56	41	8	51	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	425.08	100	-	-	-	-	-
Permanent crops	138,806.25	67.09	0.1	27.69	0.56	0.58	3.98
Avocados	4,075.02	52.14	-	47.14	-	-	0.71
Bananas	8,278.09	68.85	-	30.26	-	0.26	0.64
Guavas	242.22	40	-	57.5	-	-	2.5
Lemons	67.39	68.33	-	31.67	-	-	-
Mangoes	957.59	65	-	35	-	-	-
Oranges	6,412.05	90.83	-	6.67	-	-	2.5
Papayas	31,059.95	69.9	-	27.29	0.31	-	2.5
Pineapples	-	-	-	-	-	-	-
Chat	39,797.53	40.58	-	53.26	0.39	-	5.77
Coffee	2,068.83	84.67	0.27	9.27	0.2	-	5.6
Hops (Gesho)	-	-	-	-	-	-	-
Enset	31,704.85	89.61	-	3.87	1.37	1.88	3.28
Sugar cane	14,142.73	31.54	1.92	63.85	-	1.92	0.77

TABLE 1.7.21- CROP PRODUCTION AND PERCENT OF UTILIZATION

Alaba Special wereda — ALL HOLDINGS

Type of Crop	Total Production (Quintal)	Percent Utilized for: Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	790,935.09	66.31	8.55	23.36	0.47	0.23	1.08
Cereals	764,917.65	67.21	8.37	22.41	0.53	0.26	1.22
Teff	125,375.27	18.67	10.06	70	1.02	0.02	0.22
Barley	5,343.92	82.4	14.4	2.4	-	-	0.8
Wheat	81,311.95	29.31	14.66	54.94	0.96	-	0.12
Maize	469,749.19	85.31	7.45	3.85	0.5	0.3	2.58
Sorghum	57,989.08	90.16	6.34	1.47	0.21	0.68	1.14
Finger millet	25,148.23	92.83	5.06	1.33	0.08	0.17	0.54
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	25,692.56	61.62	9.14	28.91	0.07	-	0.26
Horse beans	1,552.48	72.22	11.11	16.67	-	-	-
Field peas	58.07	100	-	-	-	-	-
Haricot beans	23,798.30	60.54	9.15	29.93	0.08	-	0.29
Chick – peas	-	-	-	-	-	-	-
Lentils	242.04	92	3	5	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	41.67	7	17	75.67	-	-	0.33
Gibto	-	-	-	-	-	-	-
Oilseeds	324.88	49.55	16.36	34.09	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	161.61	43.75	9.38	46.88	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	163.27	47.5	52.5	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	258,822.16	60.89	0.05	37.16	0.14	0.02	1.74
Lettuce	-	-	-	-	-	-	-
Head cabbage	5,915.68	80	-	19.17	-	-	0.83
Ethiopian cabbage	158,741.38	89.42	-	7.74	-	0.03	2.81
Tomatoes	108.46	100	-	-	-	-	-
Green peppers	989.04	83.33	-	16.67	-	-	-
Red peppers	92,986.73	16.27	0.12	82.92	0.37	-	0.32
Swiss chard	80.87	-	-	-	-	-	-
Root Crops	18,421.41	95.89	0.67	2.22	-	-	1.22
Beetroot	88.86	100	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	2,621.90	100	-	-	-	-	-
Potatoes	13,220.96	94.14	1.03	3.45	-	-	1.38
Garlic	285.86	100	-	-	-	-	-
Taro / 'Godere'	8.55	-	-	-	-	-	-
Sweet potatoes	2,195.28	98.64	-	-	-	-	1.36
Permanent crops	27,572.78	67.43	0.09	27.46	0.22	0.87	3.93
Avocados	282.17	83.33	-	13.33	-	-	3.33
Bananas	1,727.04	78.81	-	19.76	-	-	1.43
Guavas	19.73	75	-	25	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	52.68	100	-	-	-	-	-
Oranges	2,240.12	40	-	57.5	-	-	2.5
Papayas	603.79	82.73	-	15	-	-	2.27
Pineapples	-	-	-	-	-	-	-
Chat	19,648.83	58.77	0.17	35.41	0.4	-	5.26
Coffee	1,143.29	84.86	-	13.14	-	-	2
Hops (Gesho)	-	-	-	-	-	-	-
Enset	987.3	80.22	-	5.87	-	10	3.91
Sugar cane	867.83	37.27	-	59.09	-	0.91	2.73

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	188,797.37	75.24	10.19	9.37	2.48	0.05	2.66
Cereals	188,508.17	74	10.31	10.05	2.76	0.05	2.84
Teff	435.15	27.83	9.67	57.5	4.17	-	0.83
Barley	135.82	27	8	65	-	-	-
Wheat	253.36	27.14	12	53.71	7.14	-	-
Maize	102,459.40	77.62	10.51	7.05	1.12	0.06	3.63
Sorghum	82,146.46	71.09	8.53	12.82	6	0.04	1.52
Finger millet	14.29	70	10	20	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	3,063.70	45.42	28.65	23.19	1.29	-	1.45
Pulses	162.04	93.65	5.06	1.01	-	-	0.28
Horse beans	41.55	98.33	-	1.67	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	120.5	93.93	4.78	1	-	-	0.29
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	127.16	62.15	22.82	10.88	-	0.3	3.85
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	124.68	62.4	23.87	11.27	-	-	2.47
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	2.48	78.33	15	-	-	3.33	3.33
Vegetables	8,775.89	84.96	1.19	12.23	0.24	-	1.38
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	2,925.53	93.14	0.24	5.08	-	-	1.54
Tomatoes	2,265.81	61.07	0.54	33.93	-	-	4.46
Green peppers	2,405.03	91	0.73	8.13	-	-	0.14
Red peppers	1,179.53	76.13	3.4	19.34	0.19	-	0.94
Swiss chard	-	-	-	-	-	-	-
Root Crops	24,011.23	79.64	4.77	12.86	0.48	-	2.25
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	263.33	100	-	-	-	-	-
Taro / 'Godere'	7,575.91	86.14	5.85	6.42	0.3	-	1.29
Sweet potatoes	16,171.99	73.04	3.32	19.54	0.38	-	3.72
Permanent crops	7,029.67	61.26	0.35	33.56	2.11	0.61	2.12
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Enset	7,029.67	76.61	-	18.42	3.85	0.23	0.9
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	80,411.78	69.61	15.27	10.35	1.68	0.1	2.99
Cereals	80,287.10	67.24	15.68	11.68	2.01	0.1	3.3
Teff	435.15	20.4	9.6	65	5	-	-
Barley	135.82	8.75	10	81.25	-	-	-
Wheat	253.36	27.14	12	53.71	7.14	-	-
Maize	57,198.46	72.14	14.16	8.02	1.91	0.14	3.64
Sorghum	19,266.51	68.38	16.11	9.89	2.07	0.04	3.51
Finger millet	14.29	70	10	20	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	2,983.52	44.31	30.45	22.31	1.38	-	1.55
Pulses	-	-	-	-	-	-	-
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	124.68	57.75	25.54	11.63	-	0.42	4.67
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	124.68	63.92	20.23	13	-	-	2.85
Saffiower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	3,592.02	74.92	2.4	19.83	0.1	-	2.76
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	595.93	81.09	-	10.27	-	-	8.64
Tomatoes	1,523.93	61.3	0.65	32.61	-	-	5.43
Green peppers	443.27	85.63	1.67	12.71	-	-	-
Red peppers	1,028.89	73.97	4.62	19.87	0.26	-	1.28
Swiss chard	-	-	-	-	-	-	-
Root Crops	11,591.38	78.18	5.84	11.6	-	-	4.39
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	30.21	-	-	-	-	-	-
Taro / 'Godere'	1,111.24	83.18	10.91	3.48	-	-	2.42
Sweet potatoes	10,449.93	76.58	3.81	14.4	-	-	5.2
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	25,131.58	82.73	9.32	4.1	0.18	-	3.67
Cereals	25,131.58	82.73	9.32	4.1	0.18	-	3.67
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	25,131.58	82.73	9.32	4.1	0.18	-	3.67
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	42.25	30	-	70	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	42.25	30	-	70	-	-	-
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	66,192.08	76.71	4.64	11.95	6.47	0.06	0.18
Cereals	66,060.35	74.45	4.98	13.14	7.24	0.07	0.11
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	7,364.03	81.88	4.24	10.05	3.43	0.14	0.27
Sorghum	58,616.14	71.34	5.33	14.31	8.93	0.04	0.05
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	80.18	61.5	2.5	36	-	-	-
Pulses	129.25	95.83	1.3	2.13	-	-	0.75
Horse beans	41.55	98.33	-	1.67	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	87.71	95.62	1.41	2.16	-	-	0.81
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	2.48	91.67	8.33	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	2.48	87.5	12.5	-	-	-	-
Vegetables	4,299.91	92.31	0.28	6.53	0.35	-	0.53
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	2,194.55	94.49	-	4.77	-	-	0.74
Tomatoes	31.99	100	-	-	-	-	-
Green peppers	1,922.73	95.03	0.03	4.69	-	-	0.25
Red peppers	150.63	82.14	-	17.86	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	12,021.00	81.03	3.66	13.71	0.82	-	0.79
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	233.13	100	-	-	-	-	-
Taro / 'Godere'	6,450.84	87.05	4.53	7.02	0.38	-	1.02
Sweet potatoes	5,337.04	65.14	-	33.24	1.35	-	0.27
Permanent crops	7,029.67	61.24	0.37	33.84	2.68	0.8	1.07
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops (Gesho)	-	-	-	-	-	-	-
Enset	7,029.67	76.61	-	18.42	3.85	0.23	0.9
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	17,061.94	76.75	9.81	8.49	0.04	-	4.9
Cereals	17,029.15	76.17	9.89	8.71	0.04	-	5.18
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	12,765.34	76.12	10.61	7.88	0.05	-	5.34
Sorghum	4,263.81	76.63	6.8	12.07	-	-	4.5
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	32.79	96.18	2.91	0.91	-	-	-
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	32.79	96.18	2.91	0.91	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	841.71	82.78	2.78	14.44	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	135.05	95.83	4.17	-	-	-	-
Tomatoes	667.63	56.67	-	43.33	-	-	-
Green peppers	39.03	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	398.85	72.83	11.25	12.5	-	-	3.42
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	13.83	74.5	10	15	-	-	0.5
Sweet potatoes	385.02	72.5	11.5	12	-	-	4
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

Harari

Type of Crop	Total Production (Quintal)	Percent Utilized for					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Grain Crops	135,869.87	72.12	14.32	11.35	0.01	0.04	2.17
Cereals	119,138.82	85.76	11.43	0.22	-	0.05	2.54
Teff	-	-	-	-	-	-	-
Barley	166.36	85.71	14.29	-	-	-	-
Wheat	1,400.48	87.95	12.05	-	-	-	-
Maize	16,204.28	88.32	10.61	0.22	-	-	0.86
Sorghum	101,163.00	84.03	11.85	0.26	-	0.08	3.78
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	204.7	97.5	2.5	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	40.76	46.67	53.33	-	-	-	-
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	32.09	100	-	-	-	-	-
Chick – peas	2.33	40	60	-	-	-	-
Lentils	6.35	-	100	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	16,690.29	25.26	23.68	50.1	0.03	-	0.93
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	16,653.68	24.22	23.6	51.2	0.03	-	0.95
Safflower	-	-	-	-	-	-	-
Sesame	36.6	72.5	27.5	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	29,557.33	83.12	0.34	12.09	0.13	2.18	2.14
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	29,557.33	82.34	-	12.89	0.14	2.34	2.29
Permanent crops	73,677.61	34.35	1.63	57.08	0.11	0.07	6.75
Avocados	-	-	-	-	-	-	-
Bananas	432.77	71.85	0.74	25	-	-	2.41
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	174.56	17.66	2.04	76.97	-	-	3.33
Oranges	-	-	-	-	-	-	-
Papayas	1,968.31	37.73	-	60.77	-	-	1.5
Pineapples	-	-	-	-	-	-	-
Chat	70,905.42	38.79	1.87	49.7	0.17	0.13	9.34
Coffee	196.55	36.25	2.03	60.78	-	-	0.94
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	165,719.03	86.69	6.25	2.98	0.01	0.29	3.78
Cereals	158,050.09	88.62	6.08	0.63	0.02	0.37	4.28
Teff	-	-	-	-	-	-	-
Barley	28.11	59	21	-	-	20	-
Wheat	139.72	90.71	9.29	-	-	-	-
Maize	5,052.68	92.09	6.6	0.62	-	-	0.69
Sorghum	152,829.58	87.86	5.64	0.66	0.02	0.23	5.58
Finger millet	-	-	-	-	-	-	-
Oats "Aja"	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	5,051.98	93.94	4.94	0.7	-	-	0.43
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	5,051.98	93.87	4.99	0.71	-	-	0.43
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	2,616.96	56.62	10.11	28.13	-	-	5.15
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	2,101.50	35.13	14.97	46.48	-	-	3.42
Safflower	-	-	-	-	-	-	-
Sesame	515.46	84.38	3.83	4.42	-	-	7.38
Rapeseed	-	-	-	-	-	-	-
Vegetables	4,635.15	47.05	0.53	45.89	-	-	6.53
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	4,635.15	34.57	-	62.29	-	-	3.14
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	29,125.15	83.3	2.91	11.52	-	0.54	1.73
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-
Sweet potatoes	29,125.15	96.94	-	0.72	-	0.65	1.69
Permanent crops	13,118.87	46.23	0.05	47.02	0.03	-	6.68
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapples	-	-	-	-	-	-	-
Chat	12,672.39	62	-	29.01	0.05	-	8.94
Coffee	446.49	7.46	-	92.39	-	-	0.14
Hops (Gesho)	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

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, 48.48 percent was used for household consumption, 6.55 percent was sold, only 0.41 percent was used for wages in kind and the rest 44.57 percent was used for other purposes (could be for the production of butter, Cheese, and the likes). With respect to the utilization of butter, 58.97 percent of the produce was used for household consumption although considerable portion (36.58 percent) was sold. Most of the total Cheese produced was used for household consumption that is about 81.85 per cent, 14.35 percent was sold and the rest 3.8 percent was used for wage in kind and other purposes, which are indicated in the table.

Of the total honey production, about 36.39 percent was used for household consumption, about 61 percent was sold, and less than 1 percent of the honey production was used as payment (wage) in the country. On the other hand, 41.14 percent of the wax produced in the country was used as household consumption while 31.96 per cent was used for sale.

Concerning utilization of egg production, 28.91 percent of the total egg production was used for household consumption while 38.75 percent of the total egg production was used for sale. About one-third of the egg production in the country (that is about 32 percent) was used for other purposes and that could be for hatching. Holder's utilization practices on hides and skins were also assessed and the results showed that the products are mainly used for sale and household consumption (See Summary Table 2).

SUMMARY TABLE: 2 Livestock Product Utilization, 2010/11(2003 E.C), National

Type of Product	Total %	Percent of Product Utilized for: Household Consumption	Sale	Wages in Kind	Other
Milk	100	48.48	6.55	0.41	44.57
Butter	100	58.97	36.58	0.38	4.08
Cheese	100	81.85	14.35	0.38	3.42
Beef	100	48.77	39.18	1.64	10.41
Mutton/Goat Meat	100	86.33	6.7	0.5	6.48
Eggs	100	28.91	38.75	0.21	32.13
Honey	100	36.39	60.54	0.43	2.64
Bees Wax	100	41.14	31.96	0.45	26.45
Sheep hair	100	40.66	53.61	1.59	4.13
Skin	100	54.48	41.26	0.59	3.67
Hide	100	45.98	50.61	0.12	3.29
Arera	100	-	-	-	100
Chicken Meat	100	66.55	2.79	0.26	30.4
Camel Meat	100	50.12	19.04	1.69	29.16

Fig 2: Major Livestock Products Utilization 2010/11 National

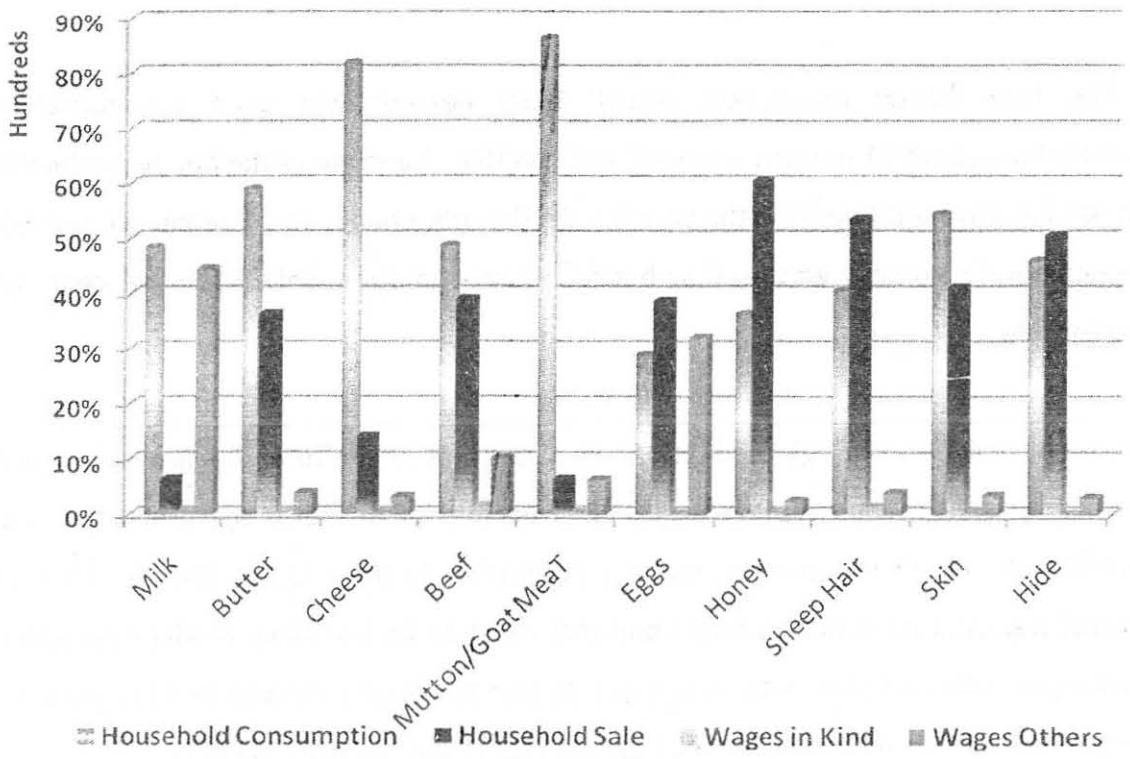


Table 2.1 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)
Tigray Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	49.32	2.54	0.67	47.47
Butter.....	100	66.11	30.19	0.55	3.15
Cheese.....	100	95.29	0.48	0.76	3.48
Beef.....	100	40.09	52.06	2	5.85
Mutton/Goat Meat.....	100	80.09	15.89	0.7	3.33
Eggs.....	100	42.07	41.31	0.31	16.31
Honey.....	100	30.81	65.97	0.92	2.31
Wax.....	100	34.63	44.02	1.83	19.51
Sheep Hair.....	100	33.33	60	6.67	-
Skin.....	100	49.93	41.05	1.27	7.75
Hide.....	100	54.11	43.22	0.31	2.36
Arera.....	-	-	-	-	-
Chicken Meat.....	100	96.23	0.28	0.58	2.91
Camel Meat.....	100	80	20	-	-

Table 2.1.1 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

North West Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	38.82	1.86	1.51	57.82
Butter.....	100	73.26	20.09	1.24	5.41
Cheese.....	100	90.73	0.8	1.87	6.61
Beef.....	100	37.66	44.13	5	13.22
Mutton/Goat Meat.....	100	67.45	25.22	1.79	5.54
Eggs.....	100	49.31	28.51	1.09	21.09
Honey.....	100	32.82	55.26	3.87	8.05
Wax.....	100	41.76	20.88	8.82	28.53
Sheep Hair.....	-	-	-	-	-
Skin.....	100	40.76	38.07	2.74	18.42
Hide.....	100	50.35	45.04	0.25	4.36
Arera.....	-	-	-	-	-
Chicken Meat.....	100	93.37	0.79	1.39	4.45
Camel Meat.....	100	100	-	-	-

Table 2.1.2 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Central Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	65.85	3.56	0.54	30.05
Butter.....	100	74.82	23.56	0.29	1.33
Cheese.....	100	98.24	0.4	0.54	0.82
Beef.....	100	36.51	62.1	0.06	1.33
Mutton/Goat Meat.....	100	77.99	20.31	0.43	1.26
Eggs.....	100	38.64	42.88	0.22	18.26
Honey.....	100	31.08	67.3	-	1.63
Wax.....	100	33.97	52.93	-	13.1
Sheep Hair.....	100	-	100	-	-
Skin.....	100	49.22	44.29	-	6.49
Hide.....	100	55.62	40.78	-	3.6
Arera.....	-	-	-	-	-
Chicken Meat.....	100	97.43	0.07	0.79	1.71
Camel Meat.....	-	-	-	-	-

Table 2.1.3 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

East Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	40.85	2.84	0.21	56.1
Butter.....	100	48.02	49.63	-	2.35
Cheese.....	100	99.77	-	-	0.23
Beef.....	100	44.75	51.75	0.25	3.25
Mutton/Goat Meat.....	100	88.55	7.63	-	3.82
Eggs.....	100	25.98	62.64	-	11.38
Honey.....	100	27.17	69.19	1.67	1.98
Wax.....	100	32	66	-	2
Sheep Hair.....	-	-	-	-	-
Skin.....	100	28.5	71.5	-	-
Hide.....	100	46.78	52.53	0.69	-
Arera.....	-	-	-	-	-
Chicken Meat.....	100	97.66	0.16	-	2.18
Camel Meat.....	-	-	-	-	-

Table 2.1.4 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

South Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	44.03	2.49	0.38	53.1
Butter.....	100	54.19	44.07	0.44	1.3
Cheese.....	100	97.43	-	0.17	2.39
Beef.....	100	34.19	61.03	4.31	0.47
Mutton/Goat Meat.....	100	91.82	7.02	0.35	0.81
Eggs.....	100	26.49	51.05	0.07	22.39
Honey.....	100	33.27	66.64	0.09	-
Wax.....	100	26.92	26.92	-	46.15
Sheep Hair.....	100	50	30	20	-
Skin.....	100	64.79	32.6	2.6	-
Hide.....	100	49.31	49.27	0.65	0.76
Arera.....	-	-	-	-	-
Chicken Meat.....	100	99.57	-	-	0.43
Camel Meat.....	100	66.67	33.33	-	-

Table 2.1.5 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Western Tigray

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	59.96	2.48	0.3	37.26
Butter.....	100	73.93	22.01	0.32	3.75
Cheese.....	100	94.55	0.82	0.43	4.19
Beef.....	100	52	41.22	-	6.78
Mutton/Goat Meat.....	100	83.33	12.11	0.27	4.29
Eggs.....	100	72.02	21.95	0.1	5.94
Honey.....	100	29.18	69.03	0.13	1.67
Wax.....	100	36.54	54.62	-	8.85
Sheep Hair.....	100	50	50	-	-
Skin.....	100	68.1	29.05	-	2.86
Hide.....	100	70.64	27.71	-	1.65
Arera.....	-	-	-	-	-
Chicken Meat.....	100	95.07	0.14	0.43	4.36
Camel Meat.....	100	100	-	-	-

Table 2.2 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Afar Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	76.36	4.63	0.45	18.55
Butter.....	100	71.08	22.62	0.23	6.06
Cheese.....	100	75.17	8.07	3.16	13.6
Beef.....	100	50.21	7.95	4.75	37.08
Mutton/Goat Meat.....	100	84.3	1.03	0.66	14.01
Eggs.....	100	49.32	10.42	-	40.25
Honey.....	100	55	45	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	100	26.67	31.67	33.33	8.33
Skin.....	100	73.34	21.35	1.99	3.32
Hide.....	100	90.96	7.34	0.36	1.34
Arera.....	-	-	-	-	-
Chicken Meat.....	100	84.87	1.12	0.41	13.61
Camel Meat.....	100	53.71	16.61	1.77	27.9

Table 2.2.1 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Zone 1

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	79.69	4.45	0.53	15.32
Butter.....	100	74.28	19.34	0.36	6.02
Cheese.....	100	79.59	8.79	8.17	3.45
Beef.....	100	50.22	8.36	5	36.41
Mutton/Goat Meat.....	100	84.51	1.6	1.02	12.87
Eggs.....	-	-	-	-	-
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	100	26.67	31.67	33.33	8.33
Skin.....	100	62.65	30.29	2.88	4.17
Hide.....	100	92.81	5.4	0.54	1.25
Arera.....	-	-	-	-	-
Chicken Meat.....	100	86.84	1.55	0.64	10.97
Camel Meat.....	100	56.11	19.07	2.04	22.78

Table 2.2.2 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Zone 3

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	70.01	4.97	0.3	24.72
Butter.....	100	65.23	28.63	-	6.14
Cheese.....	100	72.39	7.61	-	20
Beef.....	100	50	-	-	50
Mutton/Goat Meat.....	100	83.94	-	-	16.06
Eggs.....	100	49.32	10.42	-	40.25
Honey.....	100	55	45	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	97.14	1.43	-	1.43
Hide.....	100	87.25	11.24	-	1.51
Arera.....	-	-	-	-	-
Chicken Meat.....	100	81.46	0.37	-	18.17
Camel Meat.....	100	37.5	-	-	62.5

Table 2.3 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Amhara Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	46.38	0.54	0.58	52.5
Butter.....	100	56.97	39.64	0.22	3.17
Cheese.....	100	97.82	0.32	0.04	1.82
Beef.....	100	55.22	32.51	0.82	11.46
Mutton/Goat Meat.....	100	94.61	2.03	0.32	3.04
Eggs.....	100	25.35	45.17	0.16	29.32
Honey.....	100	37.84	60.36	0.08	1.72
Wax.....	100	33.04	36.47	0.74	29.75
Sheep Hair.....	100	43.38	53.92	0.17	2.53
Skin.....	100	48.57	50.94	-	0.48
Hide.....	100	43.09	55.61	0.04	1.26
Arera.....	100	-	-	-	100
Chicken Meat.....	100	67.83	0.12	0.09	31.97
Camel Meat.....	100	66	32	-	2

Table 2.3.1 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

North Gonder

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	43.47	0.84	0.05	55.65
Butter.....	100	61.15	35.11	0.48	3.27
Cheese.....	100	99.16	0.12	-	0.72
Beef.....	100	27.86	32.86	-	39.29
Mutton/Goat Meat.....	100	93.16	3.47	-	3.37
Eggs.....	100	26.55	25.85	0.3	47.29
Honey.....	100	35.76	61.94	-	2.3
Wax.....	100	50	10	2.5	37.5
Sheep Hair.....	100	100	-	-	-
Skin.....	100	63.64	36.36	-	-
Hide.....	100	47.52	52.48	-	-
Arera.....	-	-	-	-	-
Chicken Meat.....	100	37.21	0.17	-	62.63
Camel Meat.....	-	-	-	-	-

Table 2.3.2 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

South Gonder

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	34.5	0.25	0.49	64.76
Butter.....	100	52.43	43.04	0.29	4.24
Cheese.....	100	99.57	-	-	0.43
Beef.....	100	64.44	15.56	-	20
Mutton/Goat Meat.....	100	96	1.89	0.27	1.84
Eggs.....	100	28.39	47.13	0.29	24.19
Honey.....	100	33.17	65.58	0.38	0.87
Wax.....	100	25	37.5	12.5	25
Sheep Hair.....	-	-	-	-	-
Skin.....	100	33.33	66.67	-	-
Hide.....	100	48.87	51.13	-	-
Arera.....	-	-	-	-	-
Chicken Meat.....	100	33.31	-	-	66.69
Camel Meat.....	-	-	-	-	-

Table 2.3.3 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

North Wolo

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	34.08	0.14	0.17	65.6
Butter.....	100	42.43	52.92	-	4.64
Cheese.....	100	97.16	0.5	-	2.35
Beef.....	100	73	18.4	-	8.6
Mutton/Goat Meat.....	100	97.89	0.31	-	1.79
Eggs.....	100	28.7	51.48	0.12	19.71
Honey.....	100	29.2	68.8	0.55	1.45
Wax.....	100	15.45	67.73	-	16.82
Sheep Hair.....	100	26.85	73.15	-	-
Skin.....	100	38.75	61.25	-	-
Hide.....	100	42.35	56.69	-	0.96
Arera.....	100	-	-	-	100
Chicken Meat.....	100	77.28	-	-	22.72
Camel Meat.....	100	53.33	40	-	6.67

Table 2.3.4 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

South Wolo

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	48.24	1.66	0.25	49.85
Butter.....	100	48.2	48.04	0.23	3.54
Cheese.....	100	94.96	0.81	0.2	4.02
Beef.....	100	38.92	38.92	-	22.16
Mutton/Goat Meat.....	100	91.26	2.7	0.28	5.75
Eggs.....	100	21.51	68.02	-	10.46
Honey.....	100	53.27	43.93	-	2.8
Wax.....	100	31.82	30.91	-	37.27
Sheep Hair.....	100	90.91	9.09	-	-
Skin.....	100	41.38	58.62	-	-
Hide.....	100	25.23	73.09	-	1.68
Arera.....	-	-	-	-	-
Chicken Meat.....	100	88.97	-	0.13	10.9
Camel Meat.....	-	-	-	-	-

Table 2.3.5 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

North Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	35.98	0.23	0.34	63.44
Butter.....	100	42.43	55.61	0.1	1.87
Cheese.....	100	93	0.85	0.15	5.99
Beef.....	100	23.92	68.92	-	7.16
Mutton/Goat Meat.....	100	96.24	2.14	-	1.62
Eggs.....	100	20.62	48.95	-	30.43
Honey.....	100	60	37.6	-	2.4
Wax.....	100	21.67	11.11	-	67.22
Sheep Hair.....	100	48.83	48.94	0.28	1.94
Skin.....	100	77.56	22.44	-	-
Hide.....	100	57.26	42.74	-	-
Arera.....	-	-	-	-	-
Chicken Meat.....	100	52.59	0.26	-	47.15
Camel Meat.....	-	-	-	-	-

Table 2.3.6 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

East Gojam

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	63.12	0.85	0.4	35.63
Butter.....	100	75.13	21.63	0.01	3.24
Cheese.....	100	96.94	0.36	-	2.7
Beef.....	100	49.27	31.09	-	19.64
Mutton/Goat Meat.....	100	95.25	2.3	-	2.45
Eggs.....	100	27.21	62.12	0.07	10.6
Honey.....	100	43.69	53.69	-	2.63
Wax.....	100	64.81	29.63	-	5.56
Sheep Hair.....	100	-	100	-	-
Skin.....	100	42.64	55.55	-	1.82
Hide.....	100	33.54	64.91	-	1.55
Arera.....	-	-	-	-	-
Chicken Meat.....	100	78.96	0.45	0.97	19.61
Camel Meat.....	-	-	-	-	-

Table 2.3.7 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

West Gojam

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	69.83	0.24	0.37	29.56
Butter.....	100	69.46	29.58	0.34	0.62
Cheese.....	100	98.58	0.36	-	1.06
Beef.....	100	98.07	1.93	-	-
Mutton/Goat Meat.....	100	96.04	3.26	0.11	0.6
Eggs.....	100	25.64	32.83	0.37	41.17
Honey.....	100	34.61	64.32	-	1.07
Wax.....	100	44.44	16.67	-	38.89
Sheep Hair.....	100	50	50	-	-
Skin.....	100	49.09	50.91	-	-
Hide.....	100	57.18	41.66	-	1.16
Arera.....	-	-	-	-	-
Chicken Meat.....	100	68.84	-	-	31.16
Camel Meat.....	-	-	-	-	-

Table 2.3.8 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Waghamera

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	52.28	0.63	1.34	45.75
Butter.....	100	62.09	31.26	0.25	6.39
Cheese.....	100	99.18	-	0.18	0.64
Beef.....	100	56.19	36.86	4.58	2.37
Mutton/Goat Meat.....	100	90.57	2.27	3.46	3.7
Eggs.....	100	30.53	45.4	-	24.07
Honey.....	100	28.5	70.18	-	1.32
Wax.....	100	24.23	39.87	-	35.9
Sheep Hair.....	-	-	-	-	-
Skin.....	100	66.46	33.54	-	-
Hide.....	100	66.89	32.57	-	0.53
Arera.....	-	-	-	-	-
Chicken Meat.....	100	82.19	-	-	17.81
Camel Meat.....	-	-	-	-	-

Table 2.3.9 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Awi

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	46.05	-	3.11	50.84
Butter.....	100	45.84	51.28	0.4	2.48
Cheese.....	100	97.96	0.42	0.06	1.56
Beef.....	100	72.17	26.67	-	1.17
Mutton/Goat Meat.....	100	97.07	0.84	-	2.09
Eggs.....	100	26.63	40.77	0.2	32.41
Honey.....	100	28.77	70.48	-	0.75
Wax.....	100	12.93	59.48	-	27.59
Sheep Hair.....	100	-	85.71	-	14.29
Skin.....	100	29.6	70.4	-	-
Hide.....	100	23.07	71.84	0.36	4.73
Arera.....	-	-	-	-	-
Chicken Meat.....	100	72.15	-	0.03	27.82
Camel Meat.....	-	-	-	-	-

Table 2.3.10 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Oromia Zone

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	44.8	0.7	0.07	54.43
Butter.....	100	65.46	31.77	0.02	2.75
Cheese.....	100	95.7	-	-	4.3
Beef.....	100	35.5	42.5	-	22
Mutton/Goat Meat.....	100	84.44	1.56	-	14
Eggs.....	100	19.07	41.38	0.38	39.18
Honey.....	100	37.62	61.23	-	1.15
Wax.....	100	66.67	-	-	33.33
Sheep Hair.....	100	-	100	-	-
Skin.....	100	34.72	61.11	-	4.17
Hide.....	100	49.05	50.95	-	-
Arera.....	100	-	-	-	-
Chicken Meat.....	100	88.1	0.55	-	11.35
Camel Meat.....	100	70	30	-	-

Table 2.3.11 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Argoba Special

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	44.45	-	0.47	55.08
Butter.....	100	71.55	27.46	0.05	0.94
Cheese.....	100	100	-	-	-
Beef.....	100	20.91	41.82	-	37.27
Mutton/Goat Meat.....	100	83.02	-	-	16.98
Eggs.....	100	23.34	23.6	-	53.06
Honey.....	100	33.78	64.05	-	2.18
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	77.78	22.22	-	-
Hide.....	100	54.96	43.28	-	1.75
Arera.....	-	-	-	-	-
Chicken Meat.....	100	98.6	-	-	1.4
Camel Meat.....	-	-	-	-	-

Table 2.4 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Oromia Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	48.78	7.39	0.31	43.52
Butter.....	100	58.41	36.58	0.18	4.82
Cheese.....	100	84.48	10.6	0.14	4.77
Beef.....	100	52.18	37.74	0.31	9.77
Mutton/Goat Meat.....	100	87.82	4.55	0.18	7.45
Eggs.....	100	27.74	41.02	0.17	31.07
Honey.....	100	40.23	55.49	0.51	3.77
Wax.....	100	30.36	33.88	0.06	35.7
Sheep Hair.....	100	18.08	56.92	8.46	16.54
Skin.....	100	57.25	39.39	0.61	2.75
Hide.....	100	40.6	54.38	0.07	4.94
Arera.....	-	-	-	-	-
Chicken Meat.....	100	67.16	3.84	0.1	28.91
Camel Meat.....	100	28.33	42.78	0.56	28.33

Table 2.4.1 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

West Welega

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	16.48	0.14	-	83.38
Butter.....	100	50.19	44.01	0.16	5.64
Cheese.....	100	89.57	0.22	0.39	9.82
Beef.....	100	44	56	-	-
Mutton/Goat Meat.....	100	81.72	9.32	-	8.96
Eggs.....	100	18.04	26.64	0.21	55.11
Honey.....	100	24.5	69.85	-	5.65
Wax.....	100	13.17	50.95	-	35.87
Sheep Hair.....	-	-	-	-	-
Skin.....	100	20	60	-	20
Hide.....	100	76.19	19.05	-	4.76
Arera.....	-	-	-	-	-
Chicken Meat.....	100	40.88	0.04	-	59.09
Camel Meat.....	-	-	-	-	-

Table 2.4.2 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

East Welega

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	19.83	1.11	0.54	78.51
Butter.....	100	55.96	39.62	0.22	4.19
Cheese.....	100	93.94	0.52	-	5.54
Beef.....	100	55	21.25	-	23.75
Mutton/Goat Meat.....	100	87.58	2.83	-	9.6
Eggs.....	100	20.16	22.32	0.02	57.5
Honey.....	100	28.35	65.3	2.2	4.15
Wax.....	100	10.83	76.2	-	12.96
Sheep Hair.....	100	30	66.67	-	3.33
Skin.....	100	30	70	-	-
Hide.....	100	44.09	54.84	-	1.08
Arera.....	-	-	-	-	-
Chicken Meat.....	100	53.11	-	0.19	46.7
Camel Meat.....	-	-	-	-	-

Table 2.4.3 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Illubabor

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	54.38	1.5	0.7	43.42
Butter.....	100	62.08	30.13	0.54	7.25
Cheese.....	100	84.52	5.34	0.44	9.71
Beef.....	100	45	54.55	-	0.45
Mutton/Goat Meat.....	100	81.35	14.12	1.2	3.32
Eggs.....	100	39.94	31.19	0.33	28.54
Honey.....	100	39.87	54.83	0.34	4.96
Wax.....	100	53.33	20.83	0.83	25
Sheep Hair.....	-	-	-	-	-
Skin.....	100	36.84	63.16	-	-
Hide.....	100	25.54	70.11	-	4.35
Arera.....	-	-	-	-	-
Chicken Meat.....	100	78.55	0.36	-	21.1
Camel Meat.....	-	-	-	-	-

Table 2.4.5 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Jimma

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	65.61	2.75	0.02	31.62
Butter.....	100	56.66	39.96	0.05	3.33
Cheese.....	100	75.27	22.15	0.03	2.55
Beef.....	100	53.54	38.75	4.58	3.13
Mutton/Goat Meat.....	100	74.2	17.1	0.5	8.2
Eggs.....	100	32.58	43.46	0.49	23.47
Honey.....	100	47.01	48.55	1.78	2.66
Wax.....	100	73.68	26.32	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	23.53	76.47	-	-
Hide.....	100	5.48	93.15	-	1.37
Arera.....	-	-	-	-	-
Chicken Meat.....	100	83.44	3.72	0.1	12.74
Camel Meat.....	-	-	-	-	-

Table 2.4.6 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

West Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	35.6	0.35	0.05	64
Butter.....	100	50.63	45.24	0.48	3.65
Cheese.....	100	90.37	7	0.09	2.54
Beef.....	100	59.81	34.78	-	5.41
Mutton/Goat Meat.....	100	92.16	5.24	-	2.6
Eggs.....	100	33.95	48.96	0.08	17.01
Honey.....	100	42.01	54.28	-	3.7
Wax.....	100	54.17	29.17	-	16.67
Sheep Hair.....	-	-	-	-	-
Skin.....	100	32.69	67.31	-	-
Hide.....	100	17.15	82.18	0.06	0.61
Arera.....	-	-	-	-	-
Chicken Meat.....	100	53.19	0.42	0.03	46.36
Camel Meat.....	-	-	-	-	-

Table 2.4.7 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

North Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	31.26	6.61	-	62.13
Butter.....	100	34.24	64.59	0.18	0.99
Cheese.....	100	70.37	28.41	-	1.22
Beef.....	100	40.93	52.57	-	6.5
Mutton/Goat Meat.....	100	98.38	1.24	-	0.38
Eggs.....	100	21.51	66.97	0.09	11.42
Honey.....	100	63.79	33.97	-	2.24
Wax.....	100	64.29	-	-	35.71
Sheep Hair.....	100	-	66.67	-	33.33
Skin.....	100	35.83	59.72	2.78	1.67
Hide.....	100	23.15	76.76	-	0.09
Arera.....	-	-	-	-	-
Chicken Meat.....	100	37.12	0.32	-	62.56
Camel Meat.....	-	-	-	-	-

Table 2.4.8 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

East Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	53.48	1.02	-	45.49
Butter.....	100	77.34	21.17	-	1.49
Cheese.....	100	88.05	10.89	-	1.06
Beef.....	100	54.29	42.14	-	3.57
Mutton/Goat Meat.....	100	95.76	2.86	-	1.38
Eggs.....	100	35.11	55.07	-	9.81
Honey.....	100	45.71	46.43	-	7.86
Wax.....	100	-	100	-	-
Sheep Hair.....	100	95	-	-	5
Skin.....	100	72.5	27.5	-	-
Hide.....	100	29	64	-	7
Arera.....	-	-	-	-	-
Chicken Meat.....	100	57.97	-	-	42.03
Camel Meat.....	-	-	-	-	-

Table 2.4.9 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Arsi

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	73.04	0.14	0.56	26.25
Butter.....	100	51.82	37.53	-	10.65
Cheese.....	100	87.63	9.37	-	3
Beef.....	100	10	-	-	90
Mutton/Goat Meat.....	100	98.59	-	-	1.41
Eggs.....	100	28.75	45.39	-	25.86
Honey.....	100	53.33	44.67	-	2
Wax.....	100	50	-	-	50
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	7.5	92.5	-	-
Arera.....	-	-	-	-	-
Chicken Meat.....	100	88.18	-	-	11.82
Camel Meat.....	-	-	-	-	-

Table 2.4.10 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

West Harerge

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	70.88	13.18	0.18	15.76
Butter.....	100	72.5	20.06	-	7.44
Cheese.....	100	93.75	0.63	-	5.63
Beef.....	100	29.44	38.33	-	32.22
Mutton/Goat Meat.....	100	82.01	3.24	-	14.75
Eggs.....	100	22.59	39.36	0.22	37.82
Honey.....	100	57.16	36.62	-	6.22
Wax.....	100	85.71	-	-	14.29
Sheep Hair.....	-	-	-	-	100
Skin.....	100	68.42	-	5.26	26.32
Hide.....	100	70.34	5.17	-	24.48
Arera.....	-	-	-	-	-
Chicken Meat.....	100	91.05	0.13	-	8.82
Camel Meat.....	-	-	-	-	-

Table 2.4.11 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

East Harerge

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	62.93	30.71	0.41	5.95
Butter.....	100	66.37	12.07	-	21.57
Cheese.....	100	98.33	-	-	1.67
Beef.....	100	57.5	22.5	-	20
Mutton/Goat Meat.....	100	59.83	1.64	-	38.53
Eggs.....	100	17.07	59.15	0.2	23.58
Honey.....	100	58.83	35.57	1.45	4.15
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	90.91	9.09	-	-
Hide.....	100	43.52	9.26	-	47.22
Arera.....	-	-	-	-	-
Chicken Meat.....	100	96.65	0.16	-	3.19
Camel Meat.....	100	-	40	-	60

Table 2.4.12 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Bale

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	75.45	5.02	0.04	19.49
Butter.....	100	72.27	24.17	-	3.56
Cheese.....	100	96.06	1.41	-	2.53
Beef.....	100	63.79	22.66	-	13.55
Mutton/Goat Meat.....	100	88.19	4.29	-	7.52
Eggs.....	100	33.44	53.37	0.13	13.06
Honey.....	100	43.33	50.42	-	6.25
Wax.....	100	40	5	-	55
Sheep Hair.....	-	-	-	-	-
Skin.....	100	83.78	10.81	-	5.41
Hide.....	100	83.93	13.26	-	2.82
Arera.....	-	-	-	-	-
Chicken Meat.....	100	86.7	0.21	-	13.09
Camel Meat.....	100	30	65	-	5

Table 2.4.13 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Borena

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	51.72	18.29	0.26	29.73
Butter.....	100	54.36	41.61	0.21	3.82
Cheese.....	100	93.85	3.46	0.38	2.31
Beef.....	100	37.73	46.13	0.07	16.07
Mutton/Goat Meat.....	100	73.99	9.13	0.35	16.53
Eggs.....	100	23.61	46.64	0.27	29.48
Honey.....	100	28.15	71.2	0.43	0.22
Wax.....	100	18.75	77.5	-	3.75
Sheep Hair.....	-	-	-	-	-
Skin.....	100	76.62	23.38	-	-
Hide.....	100	57.91	40.65	0.72	0.72
Arera.....	-	-	-	-	-
Chicken Meat.....	100	66.61	30.52	0.56	2.31
Camel Meat.....	100	33.75	51.25	1.25	13.75

Table 2.4.14 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

South West Shewa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	31.42	0.4	-	68.18
Butter.....	100	62.42	32.43	-	5.15
Cheese.....	100	81.58	14.41	0.11	3.89
Beef.....	100	74.46	23.65	-	1.89
Mutton/Goat Meat.....	100	98.48	-	0.23	1.29
Eggs.....	100	37.57	46.09	0.13	16.21
Honey.....	100	48.55	50.73	-	0.73
Wax.....	100	78.33	5	-	16.67
Sheep Hair.....	-	-	-	-	-
Skin.....	100	63.71	34.29	-	2
Hide.....	100	43.47	56	-	0.53
Arera.....	-	-	-	-	-
Chicken Meat.....	100	45.18	-	0.34	54.47
Camel Meat.....	-	-	-	-	-

Table 2.4.15 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Guji

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	60.14	17.62	0.43	21.81
Butter.....	100	62.27	32.78	0.46	4.49
Cheese.....	100	84.21	12.95	1.05	1.79
Beef.....	100	57.1	34.84	-	8.06
Mutton/Goat Meat.....	100	85.96	6.91	0.12	7.01
Eggs.....	100	35.36	40.3	0.19	24.15
Honey.....	100	28.15	70.07	0.27	1.51
Wax.....	100	100	-	-	-
Sheep Hair.....	100	-	100	-	-
Skin.....	100	60	37.32	0.24	2.44
Hide.....	100	71.79	27.35	-	0.85
Arera.....	-	-	-	-	-
Chicken Meat.....	100	78.69	18.31	-	3.01
Camel Meat.....	-	-	-	-	-

Table 2.4.16 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Kelem

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	22.13	-	-	77.87
Butter.....	100	62.68	31.17	-	6.15
Cheese.....	100	88.4	0.42	-	11.18
Beef.....	100	46.67	53.33	-	-
Mutton/Goat Meat.....	100	74.09	9.7	0.91	15.3
Eggs.....	100	25.62	18.36	0.05	55.97
Honey.....	100	38.8	57	0.6	3.6
Wax.....	100	16.67	26.67	-	56.67
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	100	-	-
Hide.....	100	45.16	51.61	-	3.23
Arera.....	-	-	-	-	-
Chicken Meat.....	100	58.24	0.16	0.11	41.49
Camel Meat.....	-	-	-	-	-

Table 2.4.17 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Horogudru

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	27.99	3.63	1.64	66.75
Butter.....	100	57.74	39.07	0.12	3.07
Cheese.....	100	91.36	0.24	-	8.41
Beef.....	100	22.5	77.5	-	-
Mutton/Goat Meat.....	100	95.79	1.36	0.36	2.5
Eggs.....	100	21.38	22.14	0.18	56.3
Honey.....	100	39.27	58.03	0.42	2.28
Wax.....	100	9.48	8.79	-	81.72
Sheep Hair.....	100	25	20	55	-
Skin.....	100	52.5	42.5	2.5	2.5
Hide.....	100	43.54	53.1	0.19	3.17
Arera.....	-	-	-		-
Chicken Meat.....	100	74.76	-	0.06	25.18
Camel Meat.....	-	-	-	-	-

Table 2.4.18 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

West Arsi

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	70.97	1.74	-	27.29
Butter.....	100	56.38	40.63	-	2.99
Cheese.....	100	74.5	24.67	-	0.83
Beef.....	100	73.89	11.11	-	15
Mutton/Goat Meat.....	100	89.1	-	-	10.9
Eggs.....	100	30.89	57.69	-	11.42
Honey.....	100	37.05	60.45	-	2.5
Wax.....	100	38.75	58.75	-	2.5
Sheep Hair.....	-	-	-	-	-
Skin.....	100	45	55	-	-
Hide.....	100	33.1	65.85	-	1.06
Arera.....	-	-	-	-	-
Chicken Meat.....	100	87.31	2.21	0.15	10.33
Camel Meat.....	-	-	-	-	-

Table 2.5 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Somali Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	66.13	28.92	0.48	4.46
Butter.....	100	65.02	29.1	0.37	5.51
Cheese.....	100	88.85	-	11.15	-
Beef.....	100	62.26	11.07	2.62	24.05
Mutton/Goat Meat.....	100	78.58	0.67	0.6	20.14
Eggs.....	100	27.86	45.93	0.27	25.94
Honey.....	100	33.33	66.67	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	100	100	-	-	-
Skin.....	100	60.67	37.67	-	1.67
Hide.....	100	56.86	40.78	-	2.36
Arera.....	-	-	-	-	-
Chicken Meat.....	100	91.4	1.27	1.19	6.14
Camel Meat.....	100	51.84	3.68	0.53	43.95

Table 2.5.1 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Shinele

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	80.35	15.5	0.04	4.11
Butter.....	100	92.61	6.07	-	1.32
Cheese.....	-	-	-	-	-
Beef.....	-	-	-	-	-
Mutton/Goat Meat.....	100	68	-	-	32
Eggs.....	100	37.9	35.6	-	26.5
Honey.....	100	100	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	-	-	-	-	-
Hide.....	100	54.67	41.31	-	4.02
Arera.....	-	-	-	-	-
Chicken Meat.....	100	90	-	-	10
Camel Meat.....	-	-	-	-	-

Table 2.5.2 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Jijiga

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	53.2	42.92	0.37	3.51
Butter.....	100	52.7	45	-	2.3
Cheese.....	100	-	-	-	-
Beef.....	100	64	-	14	22
Mutton/Goat Meat.....	100	89.8	-	0.33	9.87
Eggs.....	100	7.69	61.54	-	30.77
Honey.....	100	-	100	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-		-
Skin.....	100	40	60	-	-
Hide.....	100	80.56	19.44	-	-
Arera.....	-	-	-	-	-
Chicken Meat.....	100	89.39	2.63	-	7.98
Camel Meat.....	100	100	-	-	-

Table 2.5.3 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Liben

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	70.62	22.33	1.01	6.03
Butter.....	100	65.07	24	0.86	10.07
Cheese.....	100	88.85	-	11.15	-
Beef.....	100	62.03	12.57	1.08	24.32
Mutton/Goat Meat.....	100	77.8	1.89	1.4	18.9
Eggs.....	100	29.72	44.78	0.34	25.15
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	100	100	-	-	-
Skin.....	100	64.8	33.2	-	2
Hide.....	100	44.72	52.85	-	2.44
Arera.....	-	-	-	-	-
Chicken Meat.....	100	95.88	-	4.12	-
Camel Meat.....	100	49.17	3.89	0.56	46.39

Table 2.6 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Benshangule-Gumuz Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	31.88	1.01	0.33	66.78
Butter.....	100	42	54.93	0.11	2.97
Cheese.....	100	94.77	0.14	0.46	4.63
Beef.....	100	40.3	54.83	2.59	2.28
Mutton/Goat Meat.....	100	68.1	23.06	2.1	6.73
Eggs.....	100	17.9	18.48	0.12	63.5
Honey.....	100	26.89	70.82	0.14	2.15
Wax.....	100	67.41	22.41	-	10.17
Sheep Hair.....	-	-	-	-	-
Skin.....	100	39.44	54	-	6.56
Hide.....	100	44.19	46.04	0.29	9.48
Arera.....	-	-	-	-	-
Chicken Meat.....	100	79.33	0.41	0.26	20.01
Camel Meat.....	-	-	-	-	-

Table 2.6.1 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Metekel

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	41.18	0.51	0.65	57.66
Butter.....	100	39.34	58.72	0.06	1.89
Cheese.....	100	97.49	-	0.26	2.25
Beef.....	100	45.45	49.02	3.23	2.31
Mutton/Goat Meat.....	100	73.39	18.85	3.15	4.61
Eggs.....	100	23.97	19.2	0.43	56.41
Honey.....	100	27.86	70.93	-	1.21
Wax.....	100	66.67	33.33	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	29.11	63	-	7.89
Hide.....	100	21.2	72.25	-	6.55
Arera.....	-	-	-	-	-
Chicken Meat.....	100	72.18	0.25	0.41	27.15
Camel Meat.....	-	-	-	-	-

Table 2.6.2 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Asosa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	16.29	3.65	-	80.06
Butter.....	100	33.86	60.65	0.2	5.29
Cheese.....	100	91.72	0.34	2.07	5.86
Beef.....	100	26	72	-	2
Mutton/Goat Meat.....	100	77.97	12.7	0.13	9.19
Eggs.....	100	17.81	20.65	-	61.54
Honey.....	100	48.39	51.61	-	-
Wax.....	100	50	50	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	42.86	57.14	-	-
Hide.....	100	76	24	-	-
Arera.....	-	-	-	-	-
Chicken Meat.....	100	85.87	1.74	-	12.39
Camel Meat.....	-	-	-	-	-

Table 2.6.3 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)
Kemashi

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	11.47	0.88	-	87.65
Butter.....	100	63.29	34.14	-	2.57
Cheese.....	100	92.71	1.25	-	6.04
Beef.....	100	6.25	93.75	-	-
Mutton/Goat Meat.....	100	58.43	30.93	2.67	7.97
Eggs.....	100	10.08	9.77	-	80.15
Honey.....	100	15.45	83.18	-	1.36
Wax.....	100	-	50	-	50
Sheep Hair.....	-	-	-	-	-
Skin.....	100	60	40	-	-
Hide.....	100	49.31	28.89	1.11	20.69
Arera.....	-	-	-	-	-
Chicken Meat.....	100	84.64	-	-	15.36
Camel Meat.....	-	-	-	-	-

Table 2.6.4 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Mao Komo

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	30.26	0.39	-	69.35
Butter.....	100	43.44	52.43	0.19	3.94
Cheese.....	100	89.84	-	0.4	9.76
Beef.....	100	22.14	74.29	-	3.57
Mutton/Goat Meat.....	100	50.31	40.94	0.42	8.33
Eggs.....	100	17.34	22.43	-	60.23
Honey.....	100	22.05	74.41	0.27	3.27
Wax.....	100	74.44	7.41	-	18.15
Sheep Hair.....	-	-	-	-	-
Skin.....	100	66.67	16.67	-	16.67
Hide.....	100	81.48	7.41	-	11.11
Arera.....	-	-	-	-	-
Chicken Meat.....	100	90.33	-	0.16	9.51
Camel Meat.....	-	-	-	-	-

Table 2.7 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

S.N.N.P. Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	40.77	1.94	0.38	56.9
Butter.....	100	57.33	37.93	0.7	4.03
Cheese.....	100	62.86	33.57	0.56	3.01
Beef.....	100	45.37	43	3.67	7.96
Mutton/Goat Meat.....	100	81.17	13.57	0.76	4.5
Eggs.....	100	31.8	32.81	0.31	35.07
Honey.....	100	36.71	60.87	0.55	1.88
Wax.....	100	77.61	14.3	0.38	7.71
Sheep Hair.....	100	-	-	-	100
Skin.....	100	46	48.43	0.47	5.09
Hide.....	100	32.82	62.57	0.12	4.49
Arera.....	-	-	-	-	-
Chicken Meat.....	100	55.48	4.34	0.39	39.78
Camel Meat.....	100	16	22	14	48

Table 2.7.1 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Gurage

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	33.39	0.28	0.43	65.9
Butter.....	100	66.39	28.91	0.08	4.61
Cheese.....	100	68.44	28.83	0.17	2.55
Beef.....	100	55.4	40.6	-	4
Mutton/Goat Meat.....	100	79.93	15.51	-	4.57
Eggs.....	100	51.31	22.64	0.15	25.9
Honey.....	100	62.08	35.67	0.61	1.63
Wax.....	100	100	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	40.91	54.55	-	4.55
Hide.....	100	9.68	90.32	-	-
Arera.....	-	-	-	-	-
Chicken Meat..... ..	100	18.11	-	0.05	81.83
Camel Meat.....	-	-	-	-	-

Table 2.7.2 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Hadiya

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	25.41	0.29	0.03	74.27
Butter.....	100	57.08	37.46	0.28	5.18
Cheese.....	100	60.83	36.13	1.17	1.87
Beef.....	100	83.33	16.67	-	-
Mutton/Goat Meat.....	100	98.09	0.73	-	1.18
Eggs.....	100	31.27	16.81	-	51.92
Honey.....	100	63.04	34.5	-	2.46
Wax.....	100	28.57	14.29	-	57.14
Sheep Hair.....	-	-	-	-	-
Skin.....	100	65.38	34.62	-	-
Hide.....	100	23.08	75	-	1.92
Arera.....	-	-	-	-	-
Chicken Meat.....	100	50.64	0.29	0.18	48.89
Camel Meat.....	-	-	-	-	-

Table 2.7.3 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Kembata-Tembaro

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	21.47	-	-	78.53
Butter.....	100	57.67	38.36	0.02	3.95
Cheese.....	100	56.43	42.25	-	1.32
Beef.....	100	14	86	-	-
Mutton/Goat Meat.....	100	100	-	-	-
Eggs.....	100	26.8	22.01	-	51.19
Honey.....	100	57.22	38.89	-	3.89
Wax.....	100	100	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	16.67	83.33	-	-
Hide.....	100	15.79	84.21	-	-
Arera.....	-	-	-	-	-
Chicken Meat.....	100	49.19	0.68	-	50.14
Camel Meat.....	-	-	-	-	-

Table 2.7.4 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Sidama

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	59.92	6.98	1.47	31.63
Butter.....	100	50.14	42.64	1.16	6.06
Cheese.....	100	80	10	-	10
Beef.....	100	42.31	47.31	3.85	6.54
Mutton/Goat Meat.....	100	52.78	30.56	4.44	12.22
Eggs.....	100	36.29	43.88	0.65	19.18
Honey.....	100	41.25	45	1.25	12.5
Wax.....	100	50	25	-	25
Sheep Hair.....	-	-	-	-	-
Skin.....	100	22.5	64	5	8.5
Hide.....	100	29.23	63.85	3.46	3.46
Arera.....	-	-	-	-	-
Chicken Meat.....	100	81.4	7.5	1.17	9.93
Camel Meat.....	-	-	-	-	-

Table 2.7.5 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Gedio

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	54.35	5.97	1.45	38.23
Butter.....	100	74.82	24.46	0.71	-
Cheese.....	-	82.73	17.27	-	-
Beef.....	100	67.31	6.15	14.23	12.31
Mutton/Goat Meat.....	100	83.45	2.59	6.21	7.76
Eggs.....	100	29.95	40.19	-	29.86
Honey.....	100	42.5	50	-	7.5
Wax.....	100	90	-	-	10
Sheep Hair.....	-	-	-	-	-
Skin.....	100	22.5	76.07	-	1.43
Hide.....	100	16.07	81.96	-	1.96
Arera.....	-	-	-	-	-
Chicken Meat.....	100	76.85	16.11	0.56	6.48
Camel Meat.....	-	-	-	-	-

Table 2.7.6 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)
Wolayita

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	11.85	0.15	0.32	87.68
Butter.....	100	37.74	55.92	0.84	5.5
Cheese.....	100	47.66	50.73	0.08	1.53
Beef.....	-	-	-	-	100
Mutton/Goat Meat.....	100	86	10	-	4
Eggs.....	100	20.52	35.85	0.83	42.79
Honey.....	100	21.67	73.75	1.67	2.92
Wax.....	100	33.33	50	-	16.67
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	100	-	-
Hide.....	100	53	46	-	1
Arera.....	100	-	-	-	-
Chicken Meat.....	100	68.06	15.34	0.81	15.79
Camel Meat.....	-	-	-	-	-

Table 2.7.7 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

South Omo

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	70.35	1.98	0.04	27.63
Butter.....	100	54.19	42.52	0.13	3.16
Cheese.....	100	74.2	24.93	-	0.88
Beef.....	100	47.68	12.8	18.6	20.92
Mutton/Goat Meat.....	100	77.3	12.89	1.37	8.44
Eggs.....	100	35.24	44.64	0.36	19.76
Honey.....	100	25.68	71.3	0.14	2.88
Wax.....	100	100	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	17.93	82.07	-	-
Hide.....	100	67.53	32.47	-	-
Arera.....	-	-	-	-	-
Chicken Meat.....	100	92.11	3.81	-	4.08
Camel Meat.....	-	-	-	-	-

Table 2.7.8 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Sheka

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	49.81	0.65	0.04	49.5
Butter.....	100	80.46	16.56	1.36	1.62
Cheese.....	100	85.22	12.59	1.25	0.94
Beef.....	100	13.57	86.43	-	-
Mutton/Goat Meat.....	100	69.5	27.7	-	2.8
Eggs.....	100	35.41	20.08	0.17	44.35
Honey.....	100	24.3	73.78	0.78	1.14
Wax.....	100	93.33	6.67	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	25	75	-	-
Hide.....	100	10	90	-	-
Arera.....	-	-	-	-	-
Chicken Meat.....	100	18.36	-	-	81.64
Camel Meat.....	-	-	-	-	-

Table 2.7.9 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Kefa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	45	1.49	0.59	52.91
Butter.....	100	64.46	32.39	0.77	2.38
Cheese.....	100	68.13	25.57	0.46	5.83
Beef.....	100	24.39	69.39	-	6.22
Mutton/Goat Meat.....	100	79.46	17.66	0.57	2.31
Eggs.....	100	33.22	30.54	0.07	36.17
Honey.....	100	40.57	56.83	1.48	1.11
Wax.....	100	66.67	-	-	33.33
Sheep Hair.....	-	-	-	-	-
Skin.....	100	21.43	57.14	-	21.43
Hide.....	100	8.11	90.54	-	1.35
Arera.....	-	-	-	-	-
Chicken Meat.....	100	18.52	-	-	81.48
Camel Meat.....	-	-	-	-	-

Table 2.7.10 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Gamo Gofa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	26.46	4.23	0.29	69.02
Butter.....	100	51.44	45.58	0.91	2.06
Cheese.....	100	52.75	45.36	0.65	1.24
Beef.....	100	72.5	15	2.5	10
Mutton/Goat Meat.....	100	88.23	7.08	0.52	4.17
Eggs.....	100	27.69	55.01	2.71	14.59
Honey.....	100	34.38	63.33	-	2.29
Wax.....	100	80	20	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	75	25	-	-
Hide.....	100	43.48	56.52	-	-
Arera.....	-	-	-	-	-
Chicken Meat.....	100	82.32	10.29	0.59	6.79
Camel Meat.....	-	-	-	-	-

Table 2.7.11 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Bench-Maji

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	48.34	8.22	0.59	42.85
Butter.....	100	38.22	58.95	0.92	1.91
Cheese.....	100	68.8	26.72	0.74	3.74
Beef.....	100	10	87.5	-	2.5
Mutton/Goat Meat.....	100	76.88	8	-	15.13
Eggs.....	100	22.82	26.28	0.13	50.78
Honey.....	100	17.5	80.7	0.5	1.3
Wax.....	100	100	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	66.67	33.33	-	-
Hide.....	100	7	70.37	-	22.63
Arera.....	-	-	-	-	-
Chicken Meat.....	100	39.75	-	0.14	60.1
Camel Meat.....	-	-	-	-	-

Table 2.7.12 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Yem Special Wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	85.41	0.69	-	13.9
Butter.....	100	57.55	38.68	0.04	3.73
Cheese.....	100	81.81	16.02	-	2.17
Beef.....	100	16.53	77.11	0.21	6.16
Mutton/Goat Meat.....	100	45.56	48.89	-	5.56
Eggs.....	100	25.97	61.61	0.91	11.52
Honey.....	100	25.85	73.49	-	0.66
Wax.....	100	80	20	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	59.09	36.36	-	4.55
Hide.....	100	15.38	84.62	-	-
Arera.....	-	-	-	-	-
Chicken Meat.....	-	89.89	6.79	-	3.32
Camel Meat.....	-	-	-	-	-

Table 2.7.13 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Amaro Special Wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	19.36	0.17	-	80.47
Butter.....	100	64.76	31.12	-	4.11
Cheese.....	-	-	-	-	-
Beef.....	100	12	88	-	-
Mutton/Goat Meat.....	100	78.24	11.76	1.91	8.09
Eggs.....	100	16.68	32.15	-	51.18
Honey.....	100	27.5	72.08	-	0.42
Wax.....	100	100	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	24.14	62.07	-	13.79
Arera.....	-	-	-	-	-
Chicken Meat.....	100	79.43	16.02	0.69	3.86
Camel Meat.....	-	-	-	-	-

Table 2.7.14 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)
Burji Special Wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	42.16	0.22	-	57.63
Butter.....	100	86.88	11.6	0.16	1.36
Cheese.....	100	87.14	12.86	-	-
Beef.....	100	19	81	-	-
Mutton/Goat Meat.....	100	95.11	4.68	-	0.21
Eggs.....	100	36.49	40.28	-	23.23
Honey.....	100	68.13	31.88	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	82	18	-	-
Hide.....	100	93.62	6.38	-	-
Arera.....	-	-	-	-	-
Chicken Meat.....	100	83.48	13.76	-	2.76
Camel Meat.....	-	-	-	-	-

Table 2.7.15 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Konso Special wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	49.45	-	0.93	49.62
Butter.....	100	52.89	43.42	1.32	2.37
Cheese.....	100	85	-	-	15
Beef.....	100	48.33	48.33	-	3.33
Mutton/Goat Meat.....	100	59.81	37.96	1.85	0.37
Eggs.....	100	20.59	63.84	0.18	15.39
Honey.....	100	14.55	80.23	3.18	2.05
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	100
Skin.....	100	40	20	-	40
Hide.....	100	26.42	33.96	-	39.62
Arera.....	-	-	-	-	-
Chicken Meat.....	100	98.89	-	0.56	0.56
Camel Meat.....	-	-	-	-	-

Table 2.7.16 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Dereashe Special Wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	52.68	2.25	-	45.07
Butter.....	100	59.62	37.79	-	2.59
Cheese.....	100	100	-	-	-
Beef.....	100	51.43	37.86	1.43	9.29
Mutton/Goat Meat.....	100	93.91	5.54	-	0.54
Eggs.....	100	27.19	39.57	0.22	33.03
Honey.....	100	31.14	65.91	0.68	2.27
Wax.....	100	100	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	74.65	23.02	-	2.33
Arera.....	-	-	-	-	-
Chicken Meat.....	100	84.82	12.86	-	2.32
Camel Meat.....	-	-	-	-	-

Table 2.7.17 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Dawro

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	59.43	1.94	0.67	37.95
Butter.....	100	55.3	36.91	2.66	5.13
Cheese.....	100	61	34.69	1.62	2.7
Beef.....	100	51.67	43.33	3.33	1.67
Mutton/Goat Meat.....	100	51.56	45.31	3.13	-
Eggs.....	100	36.85	37.48	-	25.67
Honey.....	100	20.2	74.6	2	3.2
Wax.....	100	61.67	38.33	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	25	75	-	-
Hide.....	100	46.15	46.15	-	7.69
Arera.....	-	-	-	-	-
Chicken Meat.....	100	59.99	0.52	0.31	39.18
Camel Meat.....	-	-	-	-	-

Table 2.7.18 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Basketo Special Wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	55.64	3.89	0.5	39.96
Butter.....	100	56.26	39.42	-	4.32
Cheese.....	100	63.82	30.59	-	5.59
Beef.....	100	18.33	80.83	-	0.83
Mutton/Goat Meat.....	100	71.24	27.78	0.49	0.49
Eggs.....	100	33.07	36.54	0.09	30.3
Honey.....	100	34.07	65	-	0.93
Wax.....	100	60	35	2.5	2.5
Sheep Hair.....	-	-	-	-	-
Skin.....	100	85.71	14.29	-	-
Hide.....	100	20	80	-	-
Arera.....	-	-	-	-	-
Chicken Meat.....	100	77.42	3.17	0.61	18.8
Camel Meat.....	-	-	-	-	-

Table 2.7.19 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Konta Special Wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	35.08	3.04	1.59	60.3
Butter.....	100	51.15	43.98	1.7	3.17
Cheese.....	100	53.69	43.6	0.89	1.82
Beef.....	100	10	90	-	-
Mutton/Goat Meat.....	100	75	25	-	-
Eggs.....	100	38.72	22.35	0.08	38.86
Honey.....	100	21.3	78.2	0.5	-
Wax.....	100	76.5	11	3.33	9.17
Sheep Hair.....	-	-	-	-	-
Skin.....	100	33.33	66.67	-	-
Hide.....	100	22.22	72.22	5.56	-
Arera.....	-	-	-	-	-
Chicken Meat.....	100	56.07	3.09	2.87	37.98
Camel Meat.....	-	-	-	-	-

Table 2.7.20 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Silitie

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	41.34	0.27	0.09	58.29
Butter.....	100	54.13	34.76	0.05	11.06
Cheese.....	100	49.58	40.61	0.14	9.68
Beef.....	100	95.88	-	0.29	3.82
Mutton/Goat Meat.....	100	96.36	0.29	0.24	3.11
Eggs.....	100	36.92	21.53	-	41.55
Honey.....	100	50.32	49.28	-	0.4
Wax.....	100	75	-	-	25
Sheep Hair.....	-	-	-	-	-
Skin.....	100	76.92	7.69	-	15.38
Hide.....	100	30.5	69.5	-	-
Arera.....	-	-	-	-	-
Chicken Meat.....	100	39.8	0.96	0.29	58.96
Camel Meat.....	-	-	-	-	-

Table 2.7.21 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Alaba Special Wereda

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	38.77	-	-	61.23
Butter.....	100	75.32	19.88	0.32	4.48
Cheese.....	100	69.4	28.81	0.13	1.65
Beef.....	100	40.83	22.5	-	36.67
Mutton/Goat Meat.....	100	96.02	0.6	-	3.37
Eggs.....	100	36.71	15.26	-	48.02
Honey.....	100	55.69	42.64	-	1.67
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	47.23	51.57	-	1.2
Arera.....	-	-	-	-	-
Chicken Meat.....	100	42.72	-	-	57.28
Camel Meat.....	-	-	-	-	-

Table 2.8 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Gambela Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	61.94	17.94	0.38	19.74
Butter.....	100	75.77	20.93	-	3.3
Cheese.....	100	84.21	13.13	0.4	2.25
Beef.....	100	44.47	40.11	-	15.43
Mutton/Goat Meat.....	100	81.35	10.21	0.64	7.8
Eggs.....	100	31.12	32.59	0.18	36.12
Honey.....	100	20.69	75.37	0.37	3.56
Wax.....	100	-	100	-	-
Sheep Hair.....	100	-	100	-	-
Skin.....	100	95.16	4.84	-	-
Hide.....	100	65.04	34.15	0.81	-
Arera.....	-	-	-	-	-
Chicken Meat.....	100	57.51	0.61	0.62	41.26
Camel Meat.....	-	-	-	-	-

Table 2.8.1 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Agnuwak

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	60.41	12.79	-	26.8
Butter.....	100	67.74	28.55	-	3.71
Cheese.....	100	71.46	27.71	-	0.83
Beef.....	100	100	-	-	-
Mutton/Goat Meat.....	100	92	0.8	-	7.2
Eggs.....	100	24.74	34.1	0.53	40.63
Honey.....	100	21.17	73.72	0.32	4.79
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	-	-	-	-
Hide.....	100	35	65	-	-
Arera.....	-	-	-	-	-
Chicken Meat.....	-	64	6	-	30
Camel Meat.....	-	-	-	-	-

Table 2.8.2 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Nuware

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	68.53	22.92	-	8.55
Butter.....	100	82.05	12.81	-	5.14
Cheese.....	-	-	-	-	-
Beef.....	100	54.62	35	-	10.38
Mutton/Goat Meat.....	100	81.34	8.72	0.12	9.83
Eggs.....	100	41.6	33.04	-	25.35
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	100	-	-	-
Arera.....	-	-	-	-	-
Chicken Meat.....	100	93.04	0.26	0.31	6.39
Camel Meat.....	-	-	-	-	-

Table 2.8.3 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Mezhenger

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	53.75	3.03	0.98	42.25
Butter.....	100	83.8	14.56	-	1.64
Cheese.....	100	89.76	7.96	0.22	2.06
Beef.....	100	6.67	93.33	-	-
Mutton/Goat Meat.....	100	84.69	11.97	2.56	0.77
Eggs.....	100	35.22	25.03	-	39.74
Honey.....	100	20.33	76.64	0.41	2.62
Wax.....	100	-	100	-	-
Sheep Hair.....	100	-	100	-	-
Skin.....	100	50	50	-	-
Hide.....	100	11.76	85.29	2.94	-
Arera.....	100	-	-	-	-
Chicken Meat.....	100	15.15	-	-	84.85
Camel Meat.....	-	-	-	-	-

Table 2.8.4 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Itang Special

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	59.7	29.52	0.57	10.21
Butter.....	100	45	51.65	-	3.35
Cheese.....	-	54.55	35	3.18	7.27
Beef.....	100	32.35	40.88	-	26.76
Mutton/Goat Meat.....	100	64.13	23.04	-	12.83
Eggs.....	100	23.82	39.8	0.1	36.28
Honey.....	-	-	-	-	-
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	100	-	-	-
Arera.....	-	-	-	-	-
Chicken Meat.....	100	93.89	-	3.33	2.78
Camel Meat.....	-	-	-	-	-

Table 2.9 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Harai Region

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	45.52	49.8	0.17	4.51
Butter.....	100	100	-	-	-
Cheese.....	-	-	-	-	-
Beef.....	100	100	-	-	-
Mutton/Goat Meat.....	100	79.44	-	-	20.56
Eggs.....	100	20.31	42.53	-	37.16
Honey.....	100	34.09	63.64	-	2.27
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	57.14	-	-	42.86
Hide.....	100	57.14	21.43	-	21.43
Arera.....	-	-	-	-	-
Chicken Meat.....	100	100	-	-	-
Camel Meat.....	-	-	-	-	-

Table 2.10 Livestock Product percent of Utilization-Private peasant Holders, 2010/11(2003 E.C)

Dire Dawa

Type of Livestock Product	Total %	Percent Utilized for			
		Household Consumption	Sale	Wages in Kind	Others
Milk.....	100	71.48	27.16	-	1.36
Butter.....	100	88	8	-	4
Cheese.....	-	-	-	-	-
Beef.....	-	-	-	-	-
Mutton/Goat Meat.....	100	77.96	-	-	22.04
Eggs.....	100	8.57	67.57	-	23.85
Honey.....	100	41.44	56.33	-	2.22
Wax.....	-	-	-	-	-
Sheep Hair.....	-	-	-	-	-
Skin.....	100	100	-	-	-
Hide.....	100	81.91	4.26	-	13.83
Arera.....	-	-	-	-	-
Chicken Meat.....	100	90	-	-	10
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] strtatum 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, $\overline{Y}_{hi} = \frac{Y_{hi}}{16C_{hi}}$ 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.

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

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

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

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.

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

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

NUMBER OF EAs SAMPLED AND COVERED
NUMBER OF HOUSEHOLDS SAMPLED AND COVERED

Appendix II. Number of Planned and Actually Covered Sampling Units (EAs & Households) of the 2010/11/(2003 E.C) Annual Agricultural Sample Survey (Meher Season).

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
Tigray	North Western Tigray	31	31	620	620
	Central Tigray	39	38	780	760
	Eastern Tigray	29	29	580	580
	Southern Tigray	38	36	760	719
	Western Tigray	25	25	500	500
	Region Total	**162**	**159**	**3240**	**3179**
Afar	Zone One	30	28	600	557
	Zone Three	20	18	400	342
	Region Total	**50**	**46**	**1000**	**899**
Amhara	North Gonder	49	49	980	979
	South Gonder	45	45	900	900
	North Wello	46	46	920	919
	South Wello	49	47	980	939
	North Shewa	47	45	940	900
	East Gojam	47	47	940	940
	West Gojam	46	46	920	920
	Wag Hemira	29	27	580	540
	Awi	32	32	640	638
	Oromia	28	28	560	559
	Argoba Special	20	20	400	400
	Region Total	**438**	**432**	**8760**	**8634**
Oromia	West Wellega	43	42	860	836
	East Wellega	40	40	800	798
	Illubabor	48	48	960	958
	Jimma	47	45	940	900
	West Shewa	44	44	880	880
	North Shewa	39	38	780	759
	East Shewa	40	39	800	777
	Arsi	53	53	1060	1060
	West Harerghe	41	41	820	819
	East Harerghe	48	47	960	940
	Bale	44	44	880	880
	Borena	37	37	740	739
	South West Shewa	38	38	760	757
	Guji	38	38	760	758
	Kelem	39	38	780	760
	Horoguduru	36	35	720	698
	West Arsi	37	36	740	719
	Region Total	**712**	**703**	**14240**	**14038**

Appendix II (cont'd)

Region	Stratum	Enumeration Areas		Households	
	Zone/Sp.wereda	Planned	Covered	Planned	Covered
Somali	Shinile	20	20	400	397
	Jijiga	28	28	560	557
	Liben	24	24	480	472
	Region Total	**72**	**72**	**1440**	**1426**
Benishangul-Gumuz	Metekel	30	29	600	579
	Asosa	26	26	520	520
	Kemashi	20	18	400	360
	Mao Komo	20	20	400	400
	Region Total	**96**	**93**	**1920**	**1859**
SNNP	Guraghe	41	41	820	820
	Hadiya	33	33	660	660
	Kembata_Tambaro	33	33	660	657
	Sidama	45	45	900	896
	Gedeo	34	34	680	680
	Wolayita	39	39	780	780
	South Omo	36	33	720	647
	Shaka	24	24	480	477
	Keffa	37	36	740	718
	Gamo_Gofa	42	40	840	800
	Bench_Maji	36	36	720	709
	Yem Specia Wereda	20	20	400	401
	Amaro Special W.	20	20	400	400
	Burji Special Wereda	20	20	400	400
	Konso Special Wereda.	20	20	400	400
	Derashe Special Wereda.	20	20	400	397
	Dawro	32	32	640	639
	Basketo Special Wereda.	20	20	400	398
	Konta Special Wereda.	20	20	400	400
	Siltie	30	30	600	600
	Alaba Special Wereda.	20	20	400	400
	Region Totai	**622**	**616**	**12440**	**12279**
Gambela	Agnuwak	24	24	480	510
	Nuware	18	11	360	329
	Mezhenger	20	20	400	400
	Itang Special	18	12	360	360
	Region Total	**80**	**67**	**1600**	**1599**
Harari	Harari	24	24	480	480
Dire Dawa	Dire Dawa	24	24	480	480
Country Total		2280	2236	45600	44871

APPENDIX III

QUESTIONNAIRE

CENTRAL STATISTICAL AUTHORITY
ETHIOPIAN AGRICULTURAL SAMPLE SURVEY 2010/11 (2003 E.C)

PART1- IDENTIFICATION PARTICULARS

1	2	3	4	5	6	7	8	9	10	11	12	13	14
Region	Zone	Woreda	Pa/REST AR	EA LOCAL	HH Id	HH HEAD SEX 1=M 2=F	HOLDER Id	HOLDRS NAME	AGE	SEX M=1 F=2	HIGHEST GRADE COMPLETED	Holder's HH Size	FARMING TYPE Crop = 1 Livestock = 2 Both = 3

Part II-Crop Usage Proportions (percentages)

1	2		3	4	5	6	7	8	9
SR.NO	Name of Crop	Code	Proportions of Total Product for: Household consumption	seed	Sale*	Wages in Kind	Animal feed	Others	Total
01									
02									
03									
04									
05									
06									
07									
08									
09									
10									
11									
12									
13									
14									
15									

Part II-Livestock Product Usage Proportions

1	2	3	4	5	6	7
Sr No	Name of livestock and Livestock product	Proportions in Percentage: HOUSE HOLD consumption	Sale*	Wages in Kind	Others	Total
01						
02						
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						

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