CHAPTER V

AREA AND PRODUCTION OF CROPS AND CROP UTILIZATION

1 INTRODUCTION

Ethiopian farming largely produces only enough food for the peasant holder and his family for consumption, leaving little to sell. This inadequate volume of production is ascribed to the tardy progress in the farming methods and scattered pieces of land holdings. Under this traditional sector, agriculture is practiced on public land and most of the produce is mainly for own consumption. The diverse climate of the country and the multiple utilizations of crops have prompted the vast majority of agricultural holders to grow various temporary and permanent crops. Despite the variation in the volume of production, the relative importance and pattern of growth of these crops are largely similar across many of the regions. This similarity is well observed and demonstrated in the statistical tables presented in this report. In some regions there seems to be a shift in choice of crops grown. In the Afar Region* Teff, barley and wheat do not figure prominently. Instead in this region maize and sorghum are grown in greater volume.

There is a general agreement that the performance of an agricultural system should achieve a steady supply of food to the people of a country. But, unless special attention is focused on agriculture, its performance can be impeded by vagaries of nature, population growth and scarcity and fragmentation of land, thus, affecting food supply and posing a challenge to the federal and regional

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** It should be noted that the data collection refers only to Dubti,Asayita and Afambo weredas of Zone 1, Amibara, and Awash Fentale weredas of Zone 2 and Argoba Special Wereda of Zone 3 in Afar Region .*

governments. This situation calls for an overhaul of the agricultural system in the country or the regions.

In order to have a flourishing agriculture, which sustains reliable food supply, the federal and regional governments have to formulate and implement farm programs that ensure food security. The preparation, execution, monitoring and assessment of these programs entail statistics on agriculture particularly crop production since it is the prime target that national or regional agricultural policies aim at.

The collection of data on crop production should encompass all crop seasons in the agricultural calendar and farming activities in both rural and urban areas. It should also include the wide range of crops that are grown and embodied in the food security system, which are indispensable for a sustained provision of staple diet and other cash crops like coffee and Chat.

In view of this, crop production data for private peasant holdings for both Meher and Belg seasons in both rural and urban areas were collected in the census to provide the basis for decision making in the process of implementing timely food security measures and to make policy makers aware of the food situation in the country.

Thus, in this chapter the census data on production of temporary crops/annual crops such as cereals, pulses, oilseeds, vegetables and root crops are presented in Section 2. Also production of permanent crops that included fruit crops, stimulant crops and other permanent crops are dealt with in Section 3. Moreover, the utilization of temporary crops as well as permanent crops for various purposes such as household consumption, seed, sale, paying wages in kind …etc are indicated in Section 4. Also these census data should also be presented at zonal and wereda levels.

Hence, statistical tables providing these data for the weredas and zones covered in the region are given at the end of this chapter. Moreover,Standard Errors (S.E) and Coefficient of Variation (C.V) for selected variables are given as an annex to this chapter.

2. PRODUCTION OF TEMPORARY / ANNUAL CROPS

The types of temporary crops on which data were collected during the census are those that food security embraces: that is, the crops that are the staple diets in the country. In the statistical tables, these crops have been categorized into five groups for simplicity of description and comparison purposes. The groups are cereals, pulses, oilseeds, vegetables and root crops. The crops within each group have some similarity, which made the categorization necessary.

2.1 Cereals

These are crops that are produced in greater volume compared to the other crops because these are the principal staple crops every year and export commodities at times of bumper harvest in the country. Between the months of September 2001 and August 2002 it was learned that 242,794 quintals of cereals worth 106,028,521 Birr was exported from Ethiopia to various countries. (CSA Extrnal Trade Statistics). Cereals are grown in almost all regions of Ethiopia with notable variation in the extent of areas planted and the volume of production obtained. This variation is seemingly caused by a shift in choice of crops by the holders and difference in weather conditions. Summary Tables V.1 and V.2 reinforce this thought further by giving a highlight on the size of area planted to maize, sorghum and godere and

volume of production of these crops harvested in the Afar Region* when compared to Teff, barley and wheat produced.

Summary Tables V-1 and V-2 show that 96.97% of the regional grain crop area was devoted to cereals and 98.61% of the grain production was that of cereals. The data shows that out of the total area under grain, maize and sorghum took up 73.31% and 14.33% and the yield was 79.47% and 14.15% of the total regional grain production, respectively. The area planted to grains and the production acquired in Belg season were 7.82% and 0.14% of the total grain crop area and grain production of the region, respectively. Of the regional area under cereals, 7.52% was cropped in Belg season and 0.09% of the cereal production is achieved in the same season.

As the census result depicts, agricultural households in urban areas of the region contributed 5.18% and 1.19% of the regional grain crop area and grain production, respectively. The data also indicates that of the total area under cereals and cereal production, 5.34 % and 1.21 % were added by urban agricultural households, in that order.

A look at the zonal tables helps to note that Zone 1 and Zone 3 shared 55.54% and 44.46% of the total regional crop area, respectively. The zonal contributions to the regional production were 42.18%, and 57.82% for Zone 1 and Zone 3 in the same order. The zones made up 58.82% and 41.18% of the regional area under grain crops and 65.60% and 34.40% of the regional grain production, in the that order. The data in Summary Tables V-3 and V-4 indicate that 99.44% of the zonal grain crop area was under cereals and 99.67% of the production was made up of the same crops in zone 1. Maize,

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that accounted for 98% of the area under grains, was the major crop in the zone. The major crop maize, contributes 98.04% of the zonal grain crop production.

Summary Tables V-5 and V-6 show that 93.44% of the grain crop area was under cereals and 96.58% of the grain production was drawn from these crops in Zone 3. Maize and Sorghum were the major cereal crops in the zone accounting for 38.07% and 33.2% of the zonal area under grain crops and 44.05% and 38.03 of the zonal grain production, respectively.

2.2 Pulses

Pulses are essential part of the dietary requirements for most Ethiopians. These crops also form a significant commodity group of export, earning a considerable amount of foreign exchange for the country and cash for peasant farmers. In 2001/02 (1994 E.C.) between the months of September and August, 1,229,366 quintals of pulses valued at 351,997,759 Birr was exported from Ethiopia to various countries. (CSA, External Trade Statistics). These are some of the grounds for growing various pulses in all regions of the country with varying quantities. There is no doubt that economic benefits can accrue to the country from the production and export of more pulses if the agriculture in Ethiopia is given due attention in this regard.

A view of Summary Tables V-1 and V-2 enables to detect that only 1.58% of the regional grain crop area was under pulses and 0.43% of the grain production consisted of the same crops. Of the regional area under grain crops, 0.84% was planted to chick peas. The production obtained from haricot beans was only 0.23% fo the regional grain total.

In Zone 3, 1.43% and 1.52% of the regional and the grain crop area was under pulses and 0.27% and 0.43% of the zonal total and grain production was drawn from these crops accordingly.

2.3 Oilseeds

These crops are also of paramount importance as a source of cooking oil used to provide the fat required in the food consumed by the residents in the region. Moreover, oil crops have become a major commodity of export earning a great deal of foreign exchange. Between September 2001 and August 2002, Ethiopia exported 953,088 quintals of oilseeds valued at 351,952,634 Birr signaling that an increase in the production and export of these crops will definitely generate more money. (CSA, External Trade Statistics).

Summary Tables V-1 and V-2 indicate that only 1.45% of the regional grain crop area was under oilseeds and 0.97% of the regional grain production was that of the oil seeds.

Summary Tables V-3 and V-4 indicate that in Zone 1 oilseeds contributed 0.27% and 0.22% of the area and production under grain crops of the region, respectively.

2.4 Vegetables

These crops like fruits are also a good source of nourishment necessary for the healthy growth of humans. Dieticians often advise people to eat more of vegetables for their nutritional values. Vegetables are relatively cheaper and better available than other farm products in urban centers because these crops are usually grown as garden produces sometimes using irrigation. It may be worth to know that a certain amount of foreign exchange is drawn from vegetable exports. For instance between September 2001 - August 2002

Ethiopia exported 61,070 quintals of vegetables worth 11,543,144 Birr to various countries. (CSA, External Trade Statistics). Thus, on the grounds that vegetables are nutritionally and economically important, it is worth expanding vegetable farming.

Summary Tables V-1 and V-2 show that only 2.29 % of the regional crop area is under vegetables which formed 8.67 % of the total volume of production in the region. Tomatoes took up 90.75 % of the regional vegtetable area and the same crop made up 97.6 % of the vegetable production of the region.

Summary Tables V-5 and V-6 show that Zone 3 formed 99.40% of the regional area under vegetables and 99.95% of the regional vegetable production, in that order. In Zone 3 tomatoes covered 90.75% and 97.60% of the zonal area and production under vegetables accordingly.

2.5 Root Crops

Some root crops like onion and garlic are indispensable part of the daily meal of the Ethiopian population. These crops are essential to improve the taste and scent of the food. Potato, which is one of nature's precious gifts, is also very common in the dishes of most Ethiopians. This importance necessitated the growth and production of many of the root crops throughout the year often via the use of irrigation. Root crops are also a good source of cash and foreign exchange for the growers and the country, respectively.

In 2001/02 (1994 E.C), the country has acquired a sum of 22,423,972 million Birr by exporting 120,497 quintals of root crops. (CSA, External Trade Statistics). The economic and nutritional importance of root crops has been a factor for practicing the agriculture in all the regions and growing the crops more than one time in a year.

Summary Tables V-1 and V-2 indicate the root crop situation in Afar Region. As the tables show, root crops covered only 3.31 % of the regional crop area and 27.04 % of the production volume. Onion shared 98.83 % of the regional root crop area and these crops added 99.58% to the regional volume of root crop production, respectively.

SUMMARY TABLE V-1 AREA UNDER TEMPORARY CROPS BY CROP TYPE FOR PRIVATE PEASANT HOLDINGS

Afar Region

Crop	All		Rural		Urban
			Area (HA)		Area (HA)
	Area (HA)	%	Meher	Belg	Meher
All	10392.88		8836.75	929.17	626.96
Grain Crops	9811.41	100	8536.06	766.89	508.46
Cereals	9514.25	96.97	8290.75	715.04	508.46
Teff	816.96	8.33	694.64	122.31	-
Barley	22.31	0.23	21.41	0.91	-
Wheat	56.73	0.58	50.16	6.58	-
Maize	7193.21	73.31	6100.41	584.34	508.46
Sorghum	1405.68	14.33	1404.78	*	-
Finger Millet	*	*	*	-	-
Oats/"Aja"	-	-	-	-	-
Rice	-	-	-	-	-
Pulses	154.9	1.58	103.2	51.7	-
Horse beans	1.99	0.02	*	*	-
Field peas	*	*	*	-	-
Haricot beans	61.83	0.63	35.05	26.79	-
Chick-peas	82.78	0.84	59.56	23.22	-
Lentils	3.17	0.03	3.17	-	-
Vetch	-	-	-	-	-
Soya beans	-	-	-	-	-
Fenugreek	*	*	*	-	-
Gibto	-	-	-	-	-
Oilseeds	142.26	1.45	142.1	*	-
Neug	0.74	-	0.58	*	-
Linseed	*	*	*	-	-
Groundnuts	*	*	*	-	-
Sunflower	10.76	0.11	10.76	-	-
Sesame	*	*	*	-	-
Rapeseed	-	-	-	-	-
Vegetables	237.88	100	*	*	59.44
Lettuce	-	-	-	-	-
Head cabbage	*	*	-	*	-
Ethiopian cabbage	*	*	*	-	0.33
Tomatoes	215.88	90.75	*	*	59.11
Green peppers	2.42	1.02	2.04	*	-
Red peppers	*	*	5.48	*	-
Swiss chard	-	-	-	-	-
Root crops	343.59	100	235.78	48.75	59.06
Beetroot	-	-	-	-	-
Carrot	-	-	-	-	-
Onion	339.57	98.83	234.4	46.45	58.72
Potatoes	*	*	*	-	-

Garlic	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-
Sweet potatoes	*	*	*	*	0.34

SUMMARY TABLE V-2 PRODUCTION UNDER TEMPORARY CROPS BY CROP TYPE FOR PRIVATE PEASANT HOLDINGS

Afar Region

Crop	All		Rural		Urban
			Production(QT)		Production (QT)
	Production(QT)	%	Meher	Belg	Meher
All	120247.9		116757.7	300.57	3189.67
Grain Crops	77313.28	100	76279.25	110.93	923.1
Cereals	76235.81	98.61	75243.5	69.21	923.1
Teff	3496.02	4.52	3433.15	62.88	-
Barley	162.55	0.21	159.83	*	-
Wheat	196.55	0.25	194.31	2.24	-
Maize	61440.1	79.47	60515.64	1.36	923.1
Sorghum	10940.59	14.15	10940.59	-	-
Finger Millet	-	-	-	-	-
Oats/"Aja"	-	-	-	-	-
Rice	-	-	-	-	-
Pulses	329.85	0.43	288.14	*	-
Horse beans	*	*	*	-	-
Field peas	*	*	*	-	-
Haricot beans	176.64	0.23	139.29	*	-
Chick-peas	142.55	0.18	138.19	*	-
Lentils	0.32	-	0.32	-	-
Vetch	-	-	-	-	-
Soya beans	-	-	-	-	-
Fenugreek	-	-	-	-	-
Gibto	-	-	-	-	-
Oilseeds	747.61	0.97	747.61	*	-
Neug	1.46	-	1.46	*	-
Linseed	*	*	*	-	-
Groundnuts	*	*	*	-	-
Sunflower	32.83	0.04	32.83	-	-
Sesame	*	*	*	-	-
Rapeseed	-	-	-	-	-
Vegetables	10424.05	100	*	*	1551.72
Lettuce	-	-	-	-	-
Head cabbage	-	-	-	-	-
Ethiopian cabbage	0.03	-	-	-	0.03
Tomatoes	10173.63	97.6	*	*	1551.69
Green peppers	*	*	*	-	-
Red peppers	86.58	0.83	86.55	*	-
Swiss chard	-	-	-	-	-
Root crops	32510.62	100	31781.74	14.02	714.86
Beetroot	-	-	-	-	-
Carrot	-	-	-	-	-
Onion	32373.21	99.58	31644.38	14.02	714.81
Potatoes	-	-	-	-	-

Garlic	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-
Sweet potatoes	*	*	*	-	0.05

SUMMARY TABLE V-3 AREA UNDER TEMPORARY CROPS BY CROP TYPE FOR PRIVATE PEASANT HOLDINGS

ZONE 1

Crop	All		Rural		Urban
			Area (HA)		Area (HA)
	Area (HA)	%	Meher	Belg	Meher
All	5772.08		5267.79	-	504.29
Grain Crops	5770.64	100	5266.35	-	504.29
Cereals	5738.36	99.44	5234.07	-	504.29
Teff	-	-	-	-	-
Barley	-	-	-	-	-
Wheat	-	-	-	-	-
Maize	5654.95	98	5150.66	-	504.29
Sorghum	64.05	1.11	64.05	-	-
Finger Millet	*	*	*	-	-
Oats/"Aja"	-	-	-	-	-
Rice	-	-	-	-	-
Pulses	*	*	*	-	-
Horse beans	-	-	-	-	-
Field peas	-	-	-	-	-
Haricot beans	*	*	*	-	-
Chick-peas	-	-	-	-	-
Lentils	-	-	-	-	-
Vetch	-	-	-	-	-
Soya beans	-	-	-	-	-
Fenugreek	-	-	-	-	-
Gibto	-	-	-	-	-
Oilseeds	26.28	0.46	26.28	-	-
Neug	-	-	-	-	-
Linseed	*	*	*	-	-
Groundnuts	*	*	*	-	-
Sunflower	-	-	-	-	-
Sesame	19.5	0.34	19.5	-	-
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	-	-	-	-	-

SUMMARY TABLE V-4 PRODUCTION UNDER TEMPORARY CROPS BY CROP TYPE FOR PRIVATE PEASANT HOLDINGS

ZONE 1

Crop	All		Rural		Urban
			Production(QT)		Production (QT)
	Production(QT)	%	Meher	Belg	Meher
All	50721.38		49814.04	-	907.34
Grain Crops	50716.24	100	49808.9	-	907.34
Cereals	50548.32	99.67	49640.98	-	907.34
Teff	-	-	-	-	-
Barley	-	-	-	-	-
Wheat	-	-	-	-	-
Maize	49723.89	98.04	48816.55	-	907.34
Sorghum	824.43	1.63	824.43	-	-
Finger Millet	-	-	-	-	-
Oats/"Aja"	-	-	-	-	-
Rice	-	-	-	-	-
Pulses	-	-	-	-	-
Horse beans	-	-	-	-	-
Field peas	-	-	-	-	-
Haricot beans	-	-	-	-	-
Chick-peas	-	-	-	-	-
Lentils	-	-	-	-	-
Vetch	-	-	-	-	-
Soya beans	-	-	-	-	-
Fenugreek	-	-	-	-	-
Gibto	-	-	-	-	-
Oilseeds	167.92	0.33	167.92	-	-
Neug	-	-	-	-	-
Linseed	-	-	-	-	-
Groundnuts	*	*	*	-	-
Sunflower	-	-	-	-	-
Sesame	167.5	0.33	167.5	-	-
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	-	-	-	-	-

SUMMARY TABLE V-5 AREA UNDER TEMPORARY CROPS BY CROP TYPE FOR PRIVATE PEASANT HOLDINGS

ZONE 3

Crop	All		Rural		Urban
			Area (HA)		Area (HA)
	Area (HA)	%	Meher	Belg	Meher
All	4620.79		3568.97	929.17	122.66
Grain Crops	4040.76	100	3269.71	766.89	*
Cereals	3775.88	93.44	3056.68	715.04	*
Teff	816.96	20.22	694.64	122.31	-
Barley	22.31	0.55	21.41	0.91	-
Wheat	56.73	1.4	50.16	6.58	-
Maize	1538.25	38.07	949.75	584.34	*
Sorghum	1341.63	33.2	1340.72	*	-
Finger Millet	-	-	-	-	-
Oats/"Aja"	-	-	-	-	-
Rice	-	-	-	-	-
Pulses	148.89	3.68	97.2	51.7	-
Horse beans	1.99	0.05	*	*	-
Field peas	*	*	*	-	-
Haricot beans	55.83	1.38	29.04	26.79	-
Chick-peas	82.78	2.05	59.56	23.22	-
Lentils	3.17	0.08	3.17	-	-
Vetch	-	-	-	-	-
Soya beans	-	-	-	-	-
Fenugreek	*	*	*	-	-
Gibto	-	-	-	-	-
Oilseeds	*	*	*	*	-
Neug	0.74	0.02	0.58	*	-
Linseed	*	*	*	-	-
Groundnuts	*	*	*	-	-
Sunflower	10.76	0.27	10.76	-	-
Sesame	*	*	*	-	-
Rapeseed	-	-	-	-	-
Vegetables	236.45	100	*	*	59.44
Lettuce	-	-	-	-	-
Head cabbage	*	*	-	*	-
Ethiopian cabbage	*	*	*	-	0.33
Tomatoes	215.88	91.3	*	*	59.11
Green peppers	2.01	0.85	*	*	-
Red peppers	*	*	4.46	*	-
Swiss chard	-	-	-	-	-
Root crops	343.59	100	235.78	48.75	59.06
Beetroot	-	-	-	-	-
Carrot	-	-	-	-	-
Onion	339.57	98.83	234.4	46.45	58.72

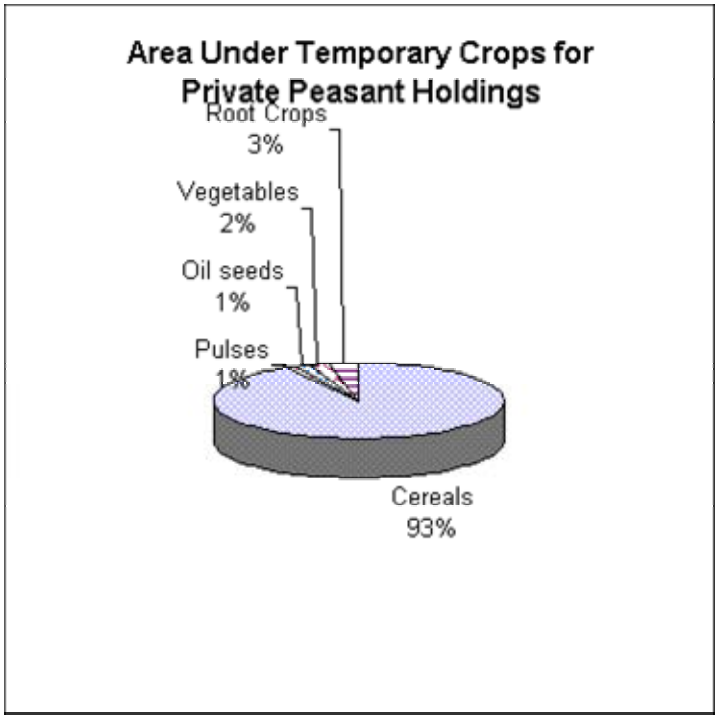
Potatoes	*	*	*	-	-
Garlic	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-
Sweet potatoes	*	*	*	*	0.34

SUMMARY TABLE V-6 PRODUCTION UNDER TEMPORARY CROPS BY CROP TYPE FOR PRIVATE PEASANT HOLDINGS

ZONE 3

Crop	All		Rural		Urban
			Production(QT)		Production (QT)
	Production(QT)	%	Meher	Belg	Meher
All	69526.56		66943.66	300.57	2282.33
Grain Crops	26597.04	100	26470.35	110.93	15.76
Cereals	25687.49	96.58	25602.52	69.21	15.76
Teff	3496.02	13.14	3433.15	62.88	-
Barley	162.55	0.61	159.83	*	-
Wheat	196.55	0.74	194.31	2.24	-
Maize	11716.21	44.05	11699.09	1.36	15.76
Sorghum	10116.15	38.03	10116.15	-	-
Finger Millet	-	-	-	-	-
Oats/"Aja"	-	-	-	-	-
Rice	-	-	-	-	-
Pulses	329.85	1.24	288.14	*	-
Horse beans	*	*	*	-	-
Field peas	*	*	*	-	-
Haricot beans	176.64	0.66	139.29	*	-
Chick-peas	142.55	0.54	138.19	*	-
Lentils	0.32	-	0.32	-	-
Vetch	-	-	-	-	-
Soya beans	-	-	-	-	-
Fenugreek	-	-	-	-	-
Gibto	-	-	-	-	-
Oilseeds	*	*	*	*	-
Neug	1.46	-	1.46	*	-
Linseed	*	*	*	-	-
Groundnuts	*	*	*	-	-
Sunflower	32.83	0.12	32.83	-	-
Sesame	*	*	*	-	-
Rapeseed	-	-	-	-	-
Vegetables	10418.91	100	*	*	1551.72
Lettuce	-	-	-	-	-
Head cabbage	-	-	-	-	-
Ethiopian cabbage	0.03	-	-	-	0.03
Tomatoes	10173.63	97.65	*	*	1551.69
Green peppers	*	*	*	-	-
Red peppers	81.44	0.78	81.41	*	-
Swiss chard	-	-	-	-	-
Root crops	32510.62	100	31781.74	14.02	714.86
Beetroot	-	-	-	-	-
Carrot	-	-	-	-	-

Onion	32373.21	99.58	31644.38	14.02	714.81
Potatoes	-	-	-	-	-
Garlic	-	-	-	-	-
Taro/'Godere'	-	-	-	-	-
Sweet potatoes	*	*	*	-	0.05



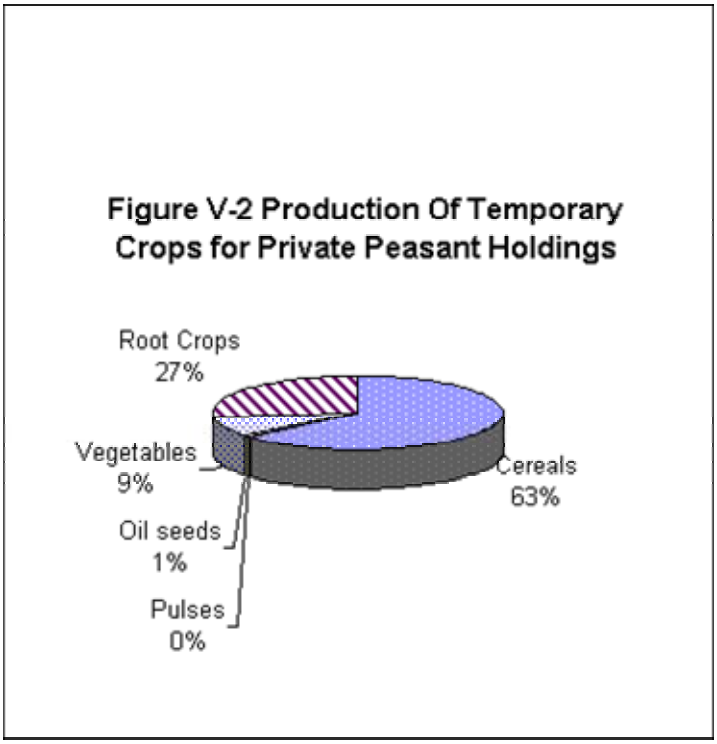
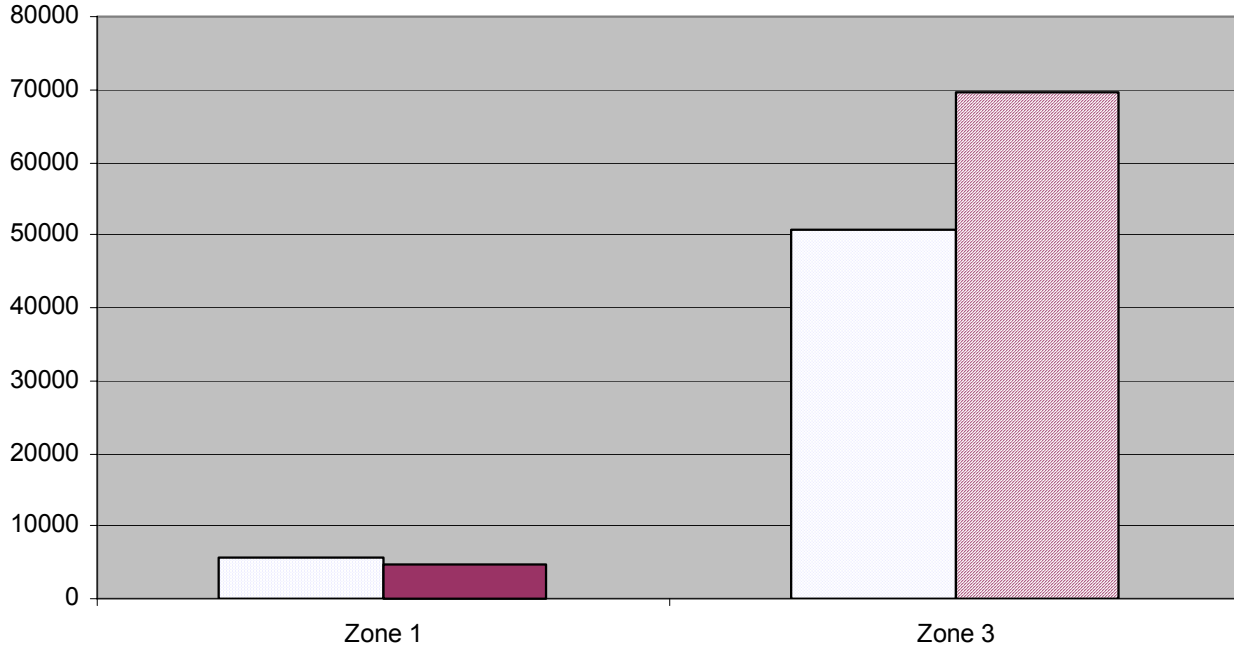


Figure V-3 Area and Production Of Temporary Crops For Private Peasant Holdings at Zo level



3. PRODUCTION OF PERMANENT CROPS

Permanent crops are long term crops that occupy the field planted for a long period of time and largely harvested every year and do not have to be replanted for several years after each harvest. These include tree crops such as coffee, Enset, Chat, oranges, mangoes, bananas, papayas, avocados… etc. The trees that yield fruits like oranges, mangoes, papayas, apples and others are also known as fruit trees.

Permanent crops are a good source of cash both for the holders and the country generating handsome income and foreign exchange at the best of times. For instance, between September 2001 and August 2002 Ethiopia

exported 53,142 quintals of fruits and nuts and 91,705 quintals of Chat valued at 16.5 and 426.7 million Birr, respectively. (CSA, External Trade Statistics). With these bits of information and the dietary and economic importance of the crops in mind, it is not difficult to project the profits that can be reaped from the permanent crops if the farming in this regard is well developed and managed.

Fruits are not only a source of cash but are also a reliable source of nutrition that is essential for the health and growth of humans. There has even been an oft-repeated advice from health authorities that we should include fruits in our daily dish to make it nutritious. The two points made on the importance of permanent crops underscore the fact that fruit farming should be encouraged and expanded to have a steady supply of the desired products.

It is possible to conjecture that permanent crops in Ethiopia are not as well developed as they are in other countries. But the potential to develop them is great as Ethiopia is blessed with diverse climate conducive to the crops. In order to direct efforts towards the development of permanent crops, one requires statistical data regarding this sector of the agriculture. Adequate data on type and volume of production, area under permanent crops and their distribution have not been available. Hence, to bridge up this gap and alleviate the chagrin to data users the CSA has collected data on permanent crops.

Prior to the census, the CSA surveyed the situation about permanent crops in the country and then decided on the types of permanent crops, range of data items and method of enumeration to be included in the census. Hence, only major permanent crops were covered during the census. Data on the types of crops were collected by holder interview while area and yield data were recorded by objective measurements. The numbers of Enset, Hops (Gesho) and fruit trees with the exception of pineapple were determined by counting the plants excluding seedlings.

In estimating the production of permanent crops, area, yield per unit area, yield per tree and number of fruit bearing trees are essential ingredients. These inputs were determined by physically measuring the area under crops in question, picking fruits, coffee berries and Chat produce from randomly demarcated plots or selected trees. The method involved crop cutting from small plots of rectangular shape of different sizes randomly placed in the selected crop field and a tree of fruit bearing age selected from all fruit bearing trees for each crop type and subsequent husking, drying weighing and recording the weight of the harvest of permanent crops. The crop cutting was performed for a sub sample of 20 households of the 30 households selected in each enumeration area. A 4m X 4m plot was demarcated for coffee and Chat and a 2m X 2m for pineapple and 1m X 1m plot for sugar cane were designated for the crop cutting exercise. The yields harvested from these plots and trees were immediately weighed (green weight) and/or weighed again after two weeks of drying to conform to the normal holder harvesting and drying practices. The coffee weight registered was that of clean coffee beans and the hops (Gesho) weight taken was that of the dry one. The green and dry weights were recorded on the appropriate forms.

For simplicity of description of the statistical tables and comparison purposes permanent crops have been grouped into three categories. Each category has a semblance of similarity, which necessitated the categorization. The categories are fruit crops, stimulant crops and other permanent crops. These categories include only permanent crops on which yield data have been collected.

3.1. Stimulant Crops

This category embraces cash crops like coffee and Chat, which are extensively grown in many parts of the country. It is needless work to verify by quoting statistical evidences that coffee is a major foreign exchange earner. It may not

be even surprising to hear that Chat farming is becoming a rapidly expanding phenomenon in Ethiopia because of its economic importance. Summary Table V-7 shows the situation in which stimulant crop are found in Afar Region. The data in the table demonstrates that 7.41% and 54.27% of the area was covered by coffee and hops/gesho.

3.2 Other Permanent Crops

This group includes Enset and Sugar cane on which yield data have been collected. Enset is a principal staple crop extensively grown in S.N.N.P. and Oromiya Regions. The growers draw a substantial amount of money from the sale of Enset products. Though, sugar cane is an industrial crop it looks that it is not widely practiced by the private peasant holders, as the statistics seem to indicate. It is produced on a small scale by private peasant holders in some pockets of the country and usually does not end up in sugar cane processing plants. The sugar factories in Ethiopia run extensive Sugar cane plantations. As the statistics indicate 660,146 quintals of sugar worth 111,773,918 birr was exported between September 2001 and August 2002. (CSA, External Trade Statistics).

Summary Table V-7 sheds some light on the production of Sugar cane in Afar Region. The crops covered a nonsignificant area.

SUMMARY TABLE V-7 AREA AND PRODUCTION OF PERMANENT CROPS BY CROP TYPE FOR PRIVATE PEASANT HOLDINGS

Afar Region

Crop Type	All				Rural		Urban		
	Area in Crop (ha)	%	Production in Quintal	%	Area in Crop (ha)	Production in Quintal	Area in Crop(ha)	%	
Total Permanent	*				*				
Fruit Crops	*	*	-	-	*	-	-	-	
Avocados	-	-	-	-	-	-	-	-	
Bananas	*	*	-	-	*	-	-	-	
Guavas	*	*	-	-	*	-	-	-	
Lemons	4.81	*	-	-	4.81	-	-	-	

Mangoes	-	-	-	-	-	-	-	-	
Oranges	*	*	-	-	*	-	-	-	
Papayas	1.07	*	-	-	1.07	-	-	-	
Pineapples	-	-	-	-	-	-	-	-	
Stimulant Crops	7.15	100	-	-	7.15	-	-	-	
Chat	*	*	-	-	*	-	-	-	
Coffee	0.53	7.41	-	-	0.53	-	-	-	
Hops	3.88	54.27	-	-	3.88	-	-	-	
Other Permanent	2.96	100	-	-	2.96	-	-	-	
Sugar Cane	2.96	100	-	-	2.96	-	-	-	

SUMMARY TABLE V-8 AREA AND PRODUCTION OF PERMANENT CROPS BY CROP TYPE FOR PRIVATE PEASANT HOLDINGS

ZONE 1

Crop Type	All				Rural		Urban		
	Area in Crop (ha)	%	Production in Quintal	%	Area in Crop (ha)	Production in Quintal	Area in Crop(ha)	%	
Total Permanent	*	*			*				
Fruit Crops	*	*	-	-	*	-	-	-	
Avocados	-	-	-	-	-	-	-	-	
Bananas	*	*	-	-	*	-	-	-	
Guavas	*	*	-	-	*	-	-	-	

Lemons	*	*	-	-	*	-	-	-	
Mangoes	-	-	-	-	-	-	-	-	
Oranges	-	-	-	-	-	-	-	-	
Papayas	*	*	-	-	*	-	-	-	
Pineapples	-	-	-	-	-	-	-	-	
Stimulant Crops	-	-	-	-	-	-	-	-	
Chat	-	-	-	-	-	-	-	-	
Coffee	-	-	-	-	-	-	-	-	
Hops	-	-	-	-	-	-	-	-	
Other Permanent	-	-	-	-	-	-	-	-	
Sugar Cane	-	-	-	-	-	-	-	-	

SUMMARY TABLE V-9 AREA AND PRODUCTION OF PERMANENT CROPS BY CROP TYPE FOR PRIVATE PEASANT HOLDINGS

ZONE 3

Crop Type	All				Rural		Urban		
	Area in Crop (ha)	%	Production in Quintal	%	Area in Crop (ha)	Production in Quintal	Area in Crop(ha)	%	
Total Permanent	*				*				
Fruit Crops	*	*	-	-	*	-	-	-	
Avocados	-	-	-	-	-	-	-	-	
Bananas	*	*	-	-	*	-	-	-	

Guavas	*	*	-	-	*	-	-	-	
Lemons	3.12	*	-	-	3.12	-	-	-	
Mangoes	-	-	-	-	-	-	-	-	
Oranges	*	*	-	-	*	-	-	-	
Papayas	1.04	*	-	-	1.04	-	-	-	
Pineapples	-	-	-	-	-	-	-	-	
Stimulant Crops	7.15	100	-	-	7.15	-	-	-	
Chat	*	*	-	-	*	-	-	-	
Coffee	0.53	7.41	-	-	0.53	-	-	-	
Hops	3.88	54.27	-	-	3.88	-	-	-	
Other Permanent	2.96	100	-	-	2.96	-	-	-	
Sugar Cane	2.96	100	-	-	2.96	-	-	-	

Figure V-4 Area Under Permanent Crops

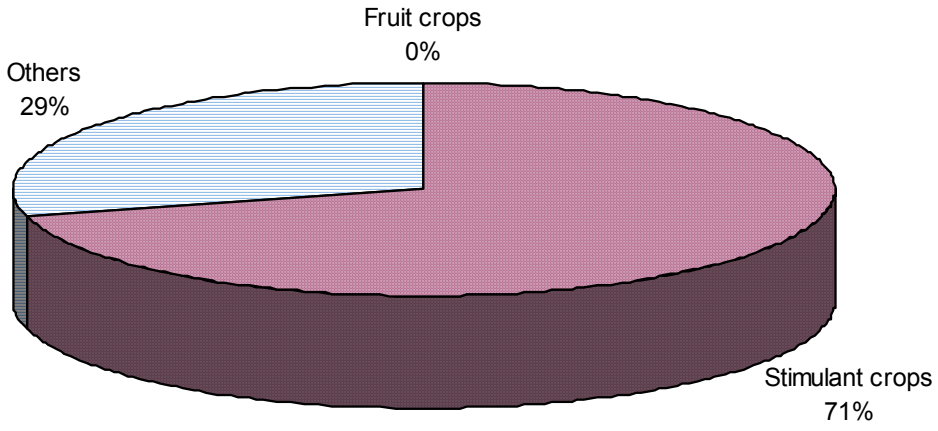


Figure V-5 Area Of Permanent Crops

4. Crop Utilization

Agriculture is the livelihood of the overwhelming majority of the Ethiopians. It is the source of food and cash for those who are engaged in it and others. Most agricultural holders acquire the food they eat 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 they produce which will be indicative of the fact whether the holders have enough or little to sell in order to meet other expenses for living. For use in the census taking, crop utilization was defined as the amount of agricultural produce used for own consumption, sale, seed, and 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 utilization experience in percent based on common practice. Summary Tables V-10 to V-12 convey this information to shed some light on how holders utilize their crop produce. Information was sought for each crop type produced during the census 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 tables for simplicity and analogy.

In Afar Region about 54% of the cereals produced were used for household consumption. About 28 % and 15 % were used for sale and seed, respectively. The remaining 3 % of the cereals produced was used for other purposes like paying wages, animal feed, etc. When the utilization is considered by crop type, it is easy to realize that between 54% and 80% of the crops in the cereals group were used for own consumption and between 1% and 29% of these crops were used for sale. Moreover, between 6% and 21% of the same crops in the same group were used for seed.

As shown in Summary Table V-10 the data reveal that more than 78% of pulses were used for household consumption, 8% were used for sale and 14% for seed. Considering utilization by crop type within the pulses group,

between 7% and 100% of the crops were utilized for household consumption and between 2% and 61% of the same crops in the same group were sold in 2001/02 (1994 E.C.). Moreover, between 8% and 32% of these crops in the pulses group were also used for seed in the same year.

Moreover, about 64%, 29% and 4% of the oilseeds were used for household consumption, for sale and for seed purposes, respectively. Taking utilization by crop type into account, between 35% and 100% of each crop type in the oilseeds category were used for household consumption, between 11%-50% for sale and between 4% - 15% for seed. It may reasonably be summed up that more of the oilseeds produced are used for household consumption.

About 11% and 81% of the vegetables produced were used for household consumption and sale, respectively. The remaining percent were used for seed, wages, animal feed and others. The percent used by crop type with in the vegetables group were between 9% - 96% for household consumption, between 1% - 86% for sale, between and 2% - 5% were used for seed. For details, refer to Summary Table V-10.

The utilization of root crop production has the same pattern with vegetables as indicated in the Summary Table V-10. Thus about 9 % of the root crops were used for household

Consumption, 84% used for sale and 1% for seed. The ranges of percent utilized by crop type within the root crops category fall between 8% - 22% for consumption, 16% - 87% for sale and 1% - 5% for seed.

In Zone 1, the percent of cereals used were 53% for household consumption, 29% for sale and 16% for seed. Crop utilization in the zone for each crop in the cereal category ranged between 53% and 87% for household consumption, 29% for sale and 14% - 16% for seed.

About 9% of the oilseeds grown in the zone were used for consumption at home, 77% for sale and 8% for seed. The usage of oilseeds by crop type within the category for household consumption, 77% for sale and 8% for seed.

The census result reveals that in Zone 3 about 79% of cereals were used for household consumption, 9% for sale and about 9% for seed. The percent of utilization of each crop in the cereal category ranged between 64% and 85% for household consumption, 1% - 21% for sale and 5% - 16% for seed.

Concerning pulses about 78% of the pulses were used for household consumption, 8% for sale and 14% for seed. The percent of utilization by crop type within the pulses category were between 7% - 100% for household consumption, between 2% - 61% for sale and between 8% - 32% for seed.

As shown in Summary Table V-12, about 67% of the oil seeds were consumed 27% for sale and 4% for seed. The percent utilized by crop type within the oil seed category fall between 35% - 100% for 11% - 50% for sale and 4%-15% for seed.

As mentioned earlier data on the pattern of crop utilization of vegetables and root crops was collected. The result shows that about 11% of the vegetables grown were used for household consumption and 81% for sale and 3% for seed. The percent utilized by crop type in the vegetable category varied from 35% - 100% for household consumption and 1% - 86% for sale and between 2% - 5% for seed in Zone 3.

In Zone 3 the data show that about 9% of the root crops were used for household consumption and 1% for seed and 84% for sale. The percent utilized by crop type within the group fluctuated from 8% - 22% for household consumption and 1% - 5% for seed and 16% - 87% for sale.

SUMMARY TABLE V-10 - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

Afar Region

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Total Grain Crops	77313.28	54.05	15.26	28.35	0.69	0.8	0.85
Cereals	76235.81	53.96	15.3	28.36	0.73	0.8	0.85
Teff	3496.02	63.78	8.35	26.14	0.34	-	1.39
Barley	162.55	79.58	18.39	1.06	-	0.65	0.33
Wheat	196.55	76.94	21.02	1.81	-	-	0.23
Maize	61440.1	53.55	15.44	28.64	0.74	0.81	0.83
Sorghum	10940.59	79.33	6.09	10.23	0.47	1.07	2.81
Finger millet	-	-	-	-	-	-	-
Oats “Aja”	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	329.85	78.23	13.5	8.18	-	-	0.08
Horse beans	*	100	-	-	-	-	-
Field peas	*	80	20	-	-	-	-
Haricot beans	176.64	90.76	7.57	1.67	-	-	-
Chick – peas	142.55	68.43	19.43	11.94	-	-	0.2
Lentils	0.32	7.26	31.9	60.84	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	747.61	64.19	4.48	29.14	2.16	-	0.03
Neug	1.46	82.04	-	17.96	-	-	-
Linseed	*	100	-	-	-	-	-
Groundnuts	*	35	15	50	-	-	-
Safflower	32.83	84.86	3.95	11.19	-	-	-
Sesame	*	59.93	4.05	32.98	3	-	0.04
Rapeseed	-	-	-	-	-	-	-
Vegetables	10424.05	10.95	2.84	80.91	3.51	-	1.8
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	0.03	20	5	20	50	-	5
Tomatoes	10173.63	9.39	2.68	86.37	-	-	1.55
Green peppers	*	33.35	2.15	60.04	-	-	4.46
Red peppers	86.58	96.05	1.84	0.79	-	-	1.32
Swiss chard	-	-	-	-	-	-	-
Root Crops	32510.62	9.03	1.03	83.71	5.45	-	0.77
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	32373.21	8.43	0.82	87.45	3.03	-	0.27
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / Godere	-	-	-	-	-	-	-
Sweet potatoes	*	22.3	4.93	15.96	47.34	-	9.47
Permanent crops	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapple	-	-	-	-	-	-	-

Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

SUMMARY TABLE V-11 - 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
Total							
Grain Crops	50716.24	52.93	15.57	29.17	0.72	0.81	0.81
Cereals	50548.32	52.93	15.57	29.15	0.73	0.81	0.81
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	49723.89	52.92	15.57	29.16	0.73	0.81	0.8
Sorghum	824.43	82.7	14.38	-	-	-	2.92
Finger millet	-	-	-	-	-	-	-
Oats “Aja”	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	167.92	8.83	7.71	76.64	6.2	-	0.62
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	*	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	167.5	8.83	7.71	76.64	6.2	-	0.62
Rapeseed	-	-	-	-	-	-	-
Vegetables	*	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	*	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / Godere	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-

Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapple	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

SUMMARY TABLE V-12 - 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
Total							
Grain Crops	26597.04	78.14	8.67	10.89	-	0.54	1.77
Cereals	25687.49	78.88	8.65	9.22	0.65	0.61	2
Teff	3496.02	63.78	8.35	26.14	0.34	-	1.39
Barley	162.55	79.58	18.39	1.06	-	0.65	0.33
Wheat	196.55	76.94	21.02	1.81	-	-	0.23
Maize	11716.21	85.27	8.6	2.42	0.96	0.64	2.1
Sorghum	10116.15	79.19	5.74	10.66	0.49	1.12	2.8
Finger millet	-	-	-	-	-	-	-
Oats “Aja”	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	329.85	78.23	13.5	8.18	-	-	0.08
Horse beans	*	100	-	-	-	-	-
Field peas	*	80	20	-	-	-	-
Haricot beans	176.64	90.76	7.57	1.67	-	-	-
Chick – peas	142.55	68.43	19.43	11.94	-	-	0.2
Lentils	0.32	7.26	31.9	60.84	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	*	66.95	4.32	26.77	1.96	-	-
Neug	1.46	82.04	-	17.96	-	-	-
Linseed	*	100	-	-	-	-	-
Groundnuts	*	35	15	50	-	-	-
Safflower	32.83	84.86	3.95	11.19	-	-	-
Sesame	*	63.53	3.79	29.9	2.78	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	10418.91	10.95	2.84	80.91	3.51	-	1.8
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	0.03	20	5	20	50	-	5
Tomatoes	10173.63	9.39	2.68	86.37	-	-	1.55
Green peppers	*	33.35	2.15	60.04	-	-	4.46
Red peppers	81.44	96.05	1.84	0.79	-	-	1.32
Swiss chard	-	-	-	-	-	-	-
Root Crops	32510.62	9.03	1.03	83.71	5.45	-	0.77
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	32373.21	8.43	0.82	87.45	3.03	-	0.27
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / Godere	-	-	-	-	-	-	-

Sweet potatoes	*	22.3	4.93	15.96	47.34	-	9.47
Permanent crops	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapple	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

Figure V-6 Percent of grain crops Utilized

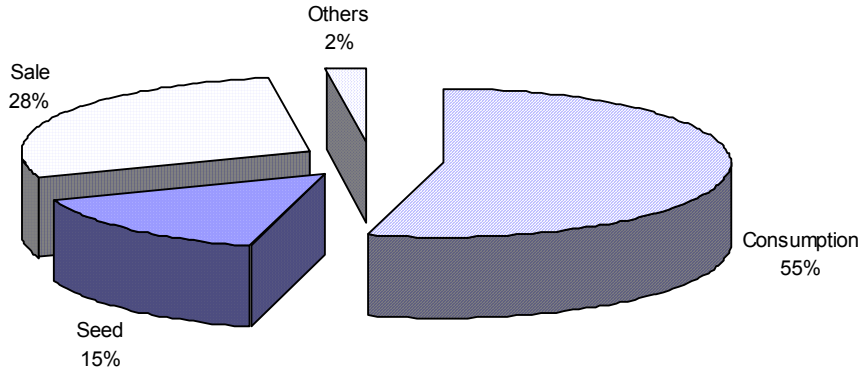


TABLE 5.1- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

Afar Region

Crop	Number of Holders	Area		Production		Yield
		Hectares	%	Quintals	%	QT / HA
TOTAL	9508	8836.75		116757.7		
Grain Crops	9202	8536.06	100	76279.25	100	
Cereals	9060	8290.75	97.13	75243.5	98.64	
Teff	1822	694.64	8.14	3433.15	4.5	4.94
Barley	330	21.41	0.25	159.83	0.21	7.47
Wheat	343	50.16	0.59	194.31	0.25	3.87
Maize	8252	6100.41	71.47	60515.64	79.33	9.92
Sorghum	2304	1404.78	16.46	10940.59	14.34	7.79
Finger Millet	*	*	*	-	-	-
Oats / “Aja”	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulses	741	103.2	1.21	288.14	0.38	
Horse beans	*	*	*	*	*	*

Field peas	*	*	*	*	*	*
Haricot beans	463	35.05	0.41	139.29	0.18	3.97
Chick – peas	321	59.56	0.7	138.19	0.18	2.32
Lentils	66	3.17	0.04	0.32	-	0.1
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	*	*	*	-	-	-
Gibto.	-	-	-	-	-	-
Oilseeds	847	142.1	1.66	747.61	0.98	
Neug.	33	0.58	-	1.46	-	2.52
Linseed	29	*	*	*	*	*
Groundnuts	*	*	*	*	*	*
Sunflower	208	10.76	0.13	32.83	0.04	3.05
Sesame	592	*	*	*	*	*
Rapeseed	-	-	-	-	-	-
Vegetables	582	*	*	*	*	
Lettuce	-	-	*	-	*	-
Head cabbage	-	-	*	-	*	-
Ethiopian cabbage	97	*	*	-	*	-
Tomatoes	203	*	*	*	*	*
Green peppers	115	2.04	*	*	*	*
Red peppers	293	5.48	*	86.55	*	15.79
Swiss chard	-	-	*	-	*	-
Root Crops	388	235.78	100	31781.74	100	
Beetroot	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	330	234.4	99.41	31644.38	99.57	135
Potatoes	*	*	*	-	-	-
Garlic	-	-	-	-	-	-
Taro / “Godere”	-	-	-	-	-	-
Sweet po	*	*	*	*	*	*

TABLE 5.1.1. - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

ZONE 1

Crop	Number of Holders	Area		Production		Yield
		Hectares	%	Quintals	%	QT / HA
TOTAL	5224	5267.79		49814.04		
Grain Crops	5224	5266.35	100	49808.9	100	
Cereals	5205	5234.07	99.39	49640.98	99.66	
Teff	-	-	-	-	-	-
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	5161	5150.66	97.8	48816.55	98.01	9.48
Sorghum	158	64.05	1.22	824.43	1.66	12.87
Finger Millet	*	*	*	-	-	-
Oats / “Aja”	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulses	*	*	*	-	-	

Horse beans	-		-		-	-		-	
Field peas	-		-		-	-		-	
Haricot beans	*		*		*	-		-	
Chick – peas	-		-		-	-		-	
Lentils	-		-		-	-		-	
Vetch	-		-		-	-		-	
Soya beans	-		-		-	-		-	
Fenugreek	-		-		-	-		-	
Gibto	-		-		-	-		-	
Oilseeds		99		26.28	0.5	167.92	0.34		
Neug	-		-		-	-		-	
Linseed	*		*		*	-		-	
Groundnuts	*		*		*	*		*	
Safflower	-		-		-	-		-	
Sesame		64		19.5	0.37	167.5	0.34		8.59
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	-		-		-	-		-	-

TABLE 5.1.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

Zone 3

Crop	Number of Holders	Area		Production		Yield
		Hectares	%	Quintals	%	QT / HA
TOTAL	4283	3568.97		66943.66		
Grain Crops	3977	3269.71	100	26470.35	100	
Cereals	3855	3056.68	93.48	25602.52	96.72	
Teff	1822	694.64	21.24	3433.15	12.97	4.94
Barley	330	21.41	0.65	159.83	0.6	7.47
Wheat	343	50.16	1.53	194.31	0.73	3.87
Maize	3091	949.75	29.05	11699.09	44.2	12.32
Sorghum	2146	1340.72	41	10116.15	38.22	7.55
Finger Millet	-	-	-	-	-	-
Oats / “Aja”	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulses	721	97.2	2.97	288.14	1.09	
Horse beans	*	*	*	*	*	*
Field peas	*	*	*	*	*	*
Haricot beans	443	29.04	0.89	139.29	0.53	4.8
Chick – peas	321	59.56	1.82	138.19	0.52	2.32
Lentils	66	3.17	0.1	0.32	-	0.1
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	*	*	*	-	-	-
Gibto	-	-	-	-	-	-
Oilseeds	748	*	*	*	*	
Neug	33	0.58	0.02	1.46	-	2.52
Linseed	*	*	*	*	*	*
Groundnuts	*	*	*	*	*	*
Safflower	208	10.76	0.33	32.83	0.12	3.05
Sesame	528	*	*	*	*	*
Rapeseed	-	-	-	-	-	-
Vegetables	542	*	*	*	*	
Lettuce	-	-	*	-	*	-
Head cabbage	-	-	*	-	*	-
Ethiopian cabbage	97	*	*	-	*	-
Tomatoes	203	*	*	*	*	*
Green peppers	111	*	*	*	*	*
Red peppers	258	4.46	*	81.41	*	18.25
Swiss chard	-	-	*	-	*	-
Root Crops	388	235.78	100	31781.74	100	
Beetroot	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	330	234.4	99.41	31644.38	99.57	135
Potatoes	*	*	*	-	-	-
Garlic	-	-	-	-	-	-
Taro / “Godere”	-	-	-	-	-	-
Sweet potatoes	*	*	*	*	*	*

TABLE 5.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARYCROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

TEMPORARY CROPS

Geographic Area	Number of Holders	Area Hectares	Production Quintals
Afar.	9508	8836.75	116757.7
Zone 1.	5224	5267.79	49814.04
Dubti	342	334.08	3444.07
Asayita . . .	3069	2866.51	35171.92
Afambo. . . .	1813	2067.2	11198.05
Zone 3.	4283	3568.97	66943.66
Amibara . . .	*	-	-
Awash Fentale	876	722.09	40332.37
Argoba Liyu .	2529	2540.78	15682.69

TABLE 5.2.1- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

GRAINS

Geographic Area	Number of Holders	Area Hectares	Production Quintals
Afar.	9202	8536.06	76279.25
Zone 1.	5224	5266.35	49808.9
Dubti	342	334.08	3444.07
Asayita . . .	3069	2866.11	35171.92
Afambo. . . .	1813	2066.17	11192.91
Zone 3.	3977	3269.71	26470.35
Amibara . . .	*	*	*
Awash Fentale	673	489.4	8581.34
Argoba Liyu .	2529	2537.08	15556.72

TABLE 5.2.1.1- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARYCROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

CEREALS

Geographic Area	Number of Holders	Area Hectares	Production Quintals
Afar.	9060	8290.75	75243.5
Zone 1.	5205	5234.07	49640.98
Dubti	339	326	3368.98
Asayita . . .	3053	2854.87	35171.92
Afambo. . . .	1813	2053.2	11100.08
Zone 3.	3855	3056.68	25602.52
Amibara . . .	*	*	*
Awash Fentale	650	483.39	8547.49
Argoba Liyu .	2529	2395.74	15061.18

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

TEFF

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	1822	694.64	3433.15	4.94
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	1822	694.64	3433.15	4.94
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	1822	694.64	3433.15	4.94

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

BARLEY

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	330	21.41	159.83	7.47
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	330	21.41	159.83	7.47
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	330	21.41	159.83	7.47

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

WHEAT

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	343	50.16	194.31	3.87
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	343	50.16	194.31	3.87
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	343	50.16	194.31	3.87

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

MAIZE

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	8252	6100.41	60515.64	9.92
Zone 1.	5161	5150.66	48816.55	9.48
Dubti	339	326	3368.98	10.33
Asayita . . .	3034	2835.51	35171.92	12.4
Afambo. . . .	1788	1989.14	10275.65	5.17
Zone 3.	3091	949.75	11699.09	12.32
Amibara . . .	*	*	*	*
Awash Fentale	650	483.39	8547.49	17.68
Argoba Liyu .	1765	288.81	1157.74	4.01

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

SORGHUM

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	2304	1404.78	10940.59	7.79
Zone 1.	158	64.05	824.43	12.87
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	158	64.05	824.43	12.87
Zone 3.	2146	1340.72	10116.15	7.55
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	2146	1340.72	10116.15	7.55

TABLE F- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

FINGER MILLET

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	-	-
Zone 1.	*	*	-	-
Dubti	-	-	-	-
Asayita . . .	*	*	-	-
Afambo. . . .	-	-	-	-
Zone 3.	-	-	-	-
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	-	-	-	-

TABLE 5.2.1.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

PULSES

Geographic Area	Number of Holders	Area Hectares	Production Quintals
Afar.	741	103.2	288.14
Zone 1.	*	*	-
Dubti	-	-	-
Asayita . . .	*	*	-
Afambo. . . .	*	*	-
Zone 3.	721	97.2	288.14
Amibara . . .	*	*	*
Awash Fentale	-	-	-
Argoba Liyu .	686	96.54	286.9

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

HORSE BEANS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	*	*
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	*	*	*	*
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	*	*	*	*

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

FIELD PEAS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Gambela Killil. .	*	*	-	-
Zone 1.	-	-	-	-
Jikawo.	-	-	-	-
Itang	-	-	-	-
Gambella. . . .	-	-	-	-
Zone 2.	*	*	-	-
Abobo	*	*	-	-
Jor	*	*	-	-
Jog	-	-	-	-
Godare.	*	*	-	-

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

HARICOT BEANS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	463	35.05	139.29	3.97
Zone 1.	*	*	-	-
Dubti	-	-	-	-
Asayita . . .	*	*	-	-
Afambo. . . .	*	*	-	-
Zone 3.	443	29.04	139.29	4.8
Amibara . . .	*	*	*	*
Awash Fentale	-	-	-	-
Argoba Liyu .	408	28.38	138.04	4.86

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

CHICK-PEAS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	321	59.56	138.19	2.32
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	321	59.56	138.19	2.32
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	321	59.56	138.19	2.32

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

LENTILS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	66	3.17	0.32	0.1
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	66	3.17	0.32	0.1
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	66	3.17	0.32	0.1

TABLE F- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

FENUGREEK

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	-	-
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	*	*	-	-
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	*	*	-	-

TABLE 5.2.1.3 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

OILSEEDS

Geographic Area	Number of Holders	Area Hectares	Production Quintals
Afar.	847	142.1	747.61
Zone 1.	99	26.28	167.92
Dubti	*	*	*
Asayita . . .	*	*	-
Afambo. . . .	71	*	*
Zone 3.	748	*	*
Amibara . . .	*	*	*
Awash Fentale	*	*	*
Argoba Liyu .	532	44.81	208.64

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

NEUG

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	33	0.58	1.46	2.52
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	33	0.58	1.46	2.52
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	33	0.58	1.46	2.52

TABLE B- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

LINSEED

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	29	*	*	*
Zone 1.	*	*	-	-
Dubti	-	-	-	-
Asayita . . .	*	*	-	-
Afambo. . . .	-	-	-	-
Zone 3.	*	*	*	*
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	*	*	*	*

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

GROUNDNUTS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	*	*
Zone 1.	*	*	*	*
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	*	*	*	*
Zone 3.	*	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	-	-	-	-

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

SUNFLOWER

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	208	10.76	32.83	3.05
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	208	10.76	32.83	3.05
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	208	10.76	32.83	3.05

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

SESAME

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	592	*	*	*
Zone 1.	64	19.5	167.5	8.59
Dubti	*	*	*	*
Asayita . . .	-	-	-	-
Afambo. . . .	53	*	*	*
Zone 3.	528	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	358	33.33	174.14	5.22

TABLE 5.2.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

VEGETABLES

Geographic Area	Number of Holders	Area Hectares	Production Quintals
Afar.	582	*	*
Zone 1.	*	*	*
Dubti	-	-	-
Asayita . . .	*	*	-
Afambo. . . .	*	*	*
Zone 3.	542	*	*
Amibara . . .	114	*	*
Awash Fentale	*	*	*
Argoba Liyu .	300	3.52	107.36

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

ETHIOPIAN CABBAGE

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	97	*	-	-
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	97	*	-	-
Amibara . . .	*	*	-	-
Awash Fentale	*	*	-	-
Argoba Liyu .	*	*	-	-

TABLE B- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

TOMATOES

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	203	*	*	*
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	203	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	*	*	*	*

TABLE C- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

GREEN PEPPERS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	115	2.04	*	*
Zone 1.	*	*	-	-
Dubti	-	-	-	-
Asayita . . .	*	*	-	-
Afambo. . . .	-	-	-	-
Zone 3.	111	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	-	-	-	-
Argoba Liyu .	57	0.58	57.72	99.52

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

RED PEPPERS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	293	5.48	86.55	15.79
Zone 1.	*	*	*	*
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	*	*	*	*
Zone 3.	258	4.46	81.41	18.25
Amibara . . .	-	-	-	-
Awash Fentale	*	*	*	*
Argoba Liyu .	242	2.85	40.71	14.28

TABLE 5.2.3 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

ROOT CROPS

Geographic Area	Number of Holders	Area Hectares	Production Quintals
Afar.	388	235.78	31781.74
Zone 1.	-	-	-
Dubti	-	-	-
Asayita . . .	-	-	-
Afambo. . . .	-	-	-
Zone 3.	388	235.78	31781.74
Amibara . . .	*	*	*
Awash Fentale	249	*	*
Argoba Liyu .	59	0.18	18.61

TABLE A- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

ONION

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	330	234.4	31644.38	135
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	330	234.4	31644.38	135
Amibara . . .	*	*	*	*
Awash Fentale	249	*	*	*

Argoba Liyu .	42	0.04	4.87	121.75

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION ANDYIELDOFTEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

POTATOES

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	-	-
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	*	*	-	-
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	*	*	-	-

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

RURAL HOLDINGS

SWEET POTATOES

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	*	*
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	*	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	-	-	-	-
Argoba Liyu .	25	0.14	13.74	98.14

TABLE 5.3 ESTIMATES OF HOLDERS, AREA PRODUCTION AND YIEDL OF TEMPORARY CROP FOR PRIVATE PEASANT HOLDERS FOR

BELG SEASON 2001/02 (1994 E.C.)

Afar Region

Crop	Holders	Area Hectares	%	Quintals	%	Production Yield QT/HA
TOTAL	2002	929.17		300.57		
Grain Crop	1768	766.89	100	110.93	100	
Cereals	1686	715.04	93.24	69.21	62.39	
Teff	634	122.31	15.95	62.88	56.68	0.51
Barley	31	0.91	0.12	*	*	*
Wheat	63	6.58	0.86	2.24	2.02	0.34
Maize	1059	584.34	76.2	1.36	1.23	*
Sorghum	*	*	*	-	-	-
Finger Millet	-	-	-	-	-	-
Oats/'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulses	315	51.7	6.74	*	*	
Horse beans	*	*	*	-	-	-
Field peas	-	-	-	-	-	-
Haricot beans	204	26.79	3.49	*	*	*
Chick-peas	140	23.22	3.03	*	*	*
Lentils	-	-	-	-	-	-
Vetch	-	-	-	-	-	-
Soya bean	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oilseeds	*	*	*	*	*	
Neug	*	*	*	*	*	*
Linseed	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-
Sunflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	*	*	*	*	*	
Lettuce	-	-	*	-	*	-
Head Cabbage	*	*	*	-	*	-
Ethiopian	-	-	*	-	*	-
Tomatoes	*	*	*	*	*	*
Green pepper	28	*	*	-	*	-
Red pepper	*	*	*	*	*	*
Swiss chan	-	-	*	-	*	-
Root crops	125	48.75	100	14.02	100	
Beetroot	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	79	46.45	95.28	14.02	100	0.3
Potatoes	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro/Godere	-	-	-	-	-	-
Sweet potatoes	*	*	*	-	-	-

TABLE 5.3.1 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

Zone 3

Crop	Number of Holders	Area		Production		Yield
		Hectares	%	Quintals	%	QT / HA
TOTAL	2002	929.17		300.57		
Grain Crops	1768	766.89	100	110.93	100	
Cereals					62.3	
	1686	715.04	93.24	69.21	9	
Teff					56.6	
	634	122.31	15.95	62.88	8	0.51
Barley	31	0.91	0.12	*	*	*
Wheat	63	6.58	0.86	2.24	2.02	0.34
Maize	1059	584.34	76.2	1.36	1.23	*
Sorghum	*	*	*	-	-	-
Finger Millet	-	-	-	-	-	-
Oats / 'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulses	315	51.7	6.74	*	*	
Horse beans	*	*	*	-	-	-
Field peas	-	-	-	-	-	-
Haricot beans	204	26.79	3.49	*	*	*
Chick – peas	140	23.22	3.03	*	*	*
Lentils	-	-	-	-	-	-
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oilseeds	*	*	*	*	*	
Neug	*	*	*	*	*	*
Linseed	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	*	*	*	*	*	
Lettuce	-	-	*	-	*	-
Head cabbage	*	*	*	-	*	-
Ethiopian cabbage	-	-	*	-	*	-
Tomatoes	*	*	*	*	*	*
Green peppers	28	*	*	-	*	-
Red peppers	*	*	*	*	*	*
Swiss chard	-	-	*	-	*	-
Root Crops	125	48.75	100	14.02	100	
Beetroot	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	79	46.45	95.28	14.02	100	0.3
Potatoes	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-
Sweet potatoes	*	*	*	-	-	-

TABLE 5.4 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

TEMPORARY CROPS

Geographic Area	Number of Holders	Area Hectares	Production Quintals
Afar.	2002	929.17	300.57
Zone 1.	*	-	-
Dubti	*	-	-
Asayita . . .	*	-	-
Afambo. . . .	*	-	-
Zone 3.	2002	929.17	300.57
Amibara . . .	535	251.94	175.59
Awash Fentale	685	469.19	0.99
Argoba Liyu .	782	208.03	123.99

TABLE 5.4.1 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

GRAINS

Geographic Area	Number of Holders	Area Hectares	Production Quintals
Afar.	1768	766.89	110.93
Zone 1.	*	*	*
Dubti	*	*	*
Asayita . . .	*	*	*
Afambo. . . .	*	*	*
Zone 3.	1768	766.89	110.93
Amibara . . .	354	154.79	*
Awash Fentale	663	429.56	0.99
Argoba Liyu .	751	182.55	109.94

TABLE 5.4.1.1 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

CEREALS

Geographic Area	Number of Holders	Area Hectares	Production Quintals
Afar.	1768	766.89	110.93
Zone 1.	*	*	*
Dubti	*	*	*
Asayita . . .	*	*	*
Afambo. . . .	*	*	*
Zone 3.	1768	766.89	110.93
Amibara . . .	354	154.79	*
Awash Fentale	663	429.56	0.99
Argoba Liyu .	751	182.55	109.94

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

TEFF

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	634	122.31	62.88	0.51
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*
Zone 3.	634	122.31	62.88	0.51
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	634	122.31	62.88	0.51

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

BARLEY

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	31	0.91	2.73	3
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*
Zone 3.	31	0.91	2.73	3
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	31	0.91	2.73	3

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

WHEAT

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	63	6.58	2.24	0.34
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*
Zone 3.	63	6.58	2.24	0.34
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	63	6.58	2.24	0.34

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

MAIZE

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	1059	584.34	1.36	*
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*
Zone 3.	1059	584.34	1.36	*
Amibara . . .	354	154.79	*	*
Awash Fentale	663	428.27	0.99	*
Argoba Liyu .	42	1.28	0.38	0.3

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

SORGHUM

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	5	0.91	*	*
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*
Zone 3.	5	0.91	*	*
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	5	0.91	*	*

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

MILLET

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	*	*
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*
Zone 3.	*	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	*	*	*	*

TABLE G - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

OATS/AJA

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	*	*
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*
Zone 3.	*	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	*	*	*	*

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

RICE

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	*	*
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*
Zone 3.	*	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	*	*	*	*

TABLE 5.4.1.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

PULSES

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	315	51.7	41.71	0.81
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*
Zone 3.	315	51.7	41.71	0.81
Amibara . . .	*	*	*	*
Awash Fentale	13	1.29	*	*
Argoba Liyu .	302	50.41	41.71	0.83

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

HORSE BEANS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	17	1.68	*	*
Zone 1.	*	*	*	*
Dubti	*	*	*	*

Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*
Zone 3.	17	1.68	*	*
Amibara . . .	*	*	*	*
Awash Fentale	13	1.29	*	*
Argoba Liyu .	4	0.4	*	*

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

FIELD PEAS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	*	*
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*
Zone 3.	*	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	*	*	*	*

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

HARICOT BEANS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	204	26.79	37.35	1.39
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*
Zone 3.	204	26.79	37.35	1.39
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	204	26.79	37.35	1.39

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

CHICK PEAS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	140	23.22	4.36	0.19
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*
Zone 3.	140	23.22	4.36	0.19
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	140	23.22	4.36	0.19

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

LENTILS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	*	*
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*
Zone 3.	*	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	*	*	*	*

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

VETCH

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	*	*
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*
Zone 3.	*	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	*	*	*	*

TABLE G - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

SOYA BEANS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	*	*
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*
Zone 3.	*	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	*	*	*	*

TABLE H - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

FENUGREEK

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	*	*
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*

Zone 3.	*	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	*	*	*	*

TABLE I - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

GIBTO

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	*	*
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*
Zone 3.	*	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	*	*	*	*

TABLE 5.4.1.3 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

OILSEEDS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	6	0.16	0.01	0.06
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*
Zone 3.	6	0.16	0.01	0.06
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	6	0.16	0.01	0.06

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

NEUG

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	6	0.16	0.01	0.06
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*
Zone 3.	6	0.16	0.01	0.06
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	6	0.16	0.01	0.06

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

LIN SEED

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	*	*
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*
Zone 3.	*	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	*	*	*	*

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

GROUND NUTS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	*	*
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*
Zone 3.	*	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	*	*	*	*

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

SUNFLOWER

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	*	*
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*
Zone 3.	*	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	*	*	*	*

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

SESAME

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	*	*
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*

Zone 3.	*	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	*	*	*	*

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

RAPESEED

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	*	*
Zone 1.	*	*	*	*
Dubti	*	*	*	*
Asayita . . .	*	*	*	*
Afambo. . . .	*	*	*	*
Zone 3.	*	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	*	*	*	*

TABLE 5.4.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

VEGETABLES

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	*	*
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	*	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	*	*	-	-
Argoba Liyu .	43	0.55	*	*

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

HEAD CABBAGE

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	-	-
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	*	*	-	-
Amibara . . .	-	-	-	-

Awash Fentale	*	*	-	-
Argoba Liyu .	-	-	-	-

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

TOMATOES

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	*	*
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	*	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	*	*	-	-
Argoba Liyu .	-	-	-	-

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

GREEN PEPPERS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	28	*	-	-
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	28	*	-	-
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	28	*	-	-

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

RED PEPPERS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	*	*
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	*	*	*	*
Amibara . . .	*	*	-	-
Awash Fentale	*	*	-	-
Argoba Liyu .	15	*	*	*

TABLE 5.4.3 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

ROOT CROPS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	125	48.75	14.02	0.29
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	125	48.75	14.02	0.29
Amibara . . .	-	-	-	-
Awash Fentale	81	*	-	-
Argoba Liyu .	44	24.93	14.02	0.56

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

ONION

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	79	46.45	14.02	0.3
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	79	46.45	14.02	0.3
Amibara . . .	-	-	-	-
Awash Fentale	*	*	-	-
Argoba Liyu .	44	24.93	14.02	0.56

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BELG SEASON

RURAL HOLDINGS

SWEET POTATOES

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	-	-
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	*	*	-	-
Amibara . . .	-	-	-	-
Awash Fentale	*	*	-	-
Argoba Liyu .	-	-	-	-

TABLE 5.5 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

URBAN HOLDINGS

Afar Region

Crop	Number of Holders	Area		Production		Yield
		Hectares	%	Quintals	%	QT / HA
TOTAL	578	626.96		3189.67		
Grain Crops	527	508.46	100	923.1	100	
Cereals	527	508.46	100	923.1	100	
Teff	-	-	-	-	-	-
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	527	508.46	100	923.1	100	1.82
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	37	59.44	100	1551.72	100	
Lettuce	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-
Ethiopian cabbage	1	0.33	0.56	0.03	-	0.09
Tomatoes	36	59.11	99.44	1551.69	100	26.25
Green peppers	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-
Root Crops	56	59.06	100	714.86	100	
Beetroot	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	56	58.72	99.42	714.81	99.99	12.17
Potatoes	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-
Sweet potatoes	1	0.34	0.58	0.05	-	0.15

TABLE 5.5.1 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

URBAN HOLDINGS

ZONE 1

Crop	Number of Holders	Area		Production		Yield
		Hectares	%	Quintals	%	QT / HA
TOTAL	517	504.29		907.34		
Grain Crops	517	504.29	100	907.34	100	
Cereals	517	504.29	100	907.34	100	
Teff	-	-	-	-	-	-
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	517	504.29	100	907.34	100	1.8
Sorghum	-	-	-	-	-	-
Finger Millet	-	-	-	-	-	-
Oats / 'Aja'	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulses	-	-	-	-	-	
Horse beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	
Neug	-	-	-	-	-	-
Linseed	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-
Safflower	-	-	-	-	-	-
Sesame	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-
Vegetables	-	-	-	-	-	
Lettuce	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-
Root Crops	-	-	-	-	-	
Beetroot	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-

TABLE 5.5.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

URBAN HOLDINGS

ZONE 3

Crop	Number of Holders	Area		Production		Yield
		Hectares	%	Quintals	%	QT / HA
TOTAL	61	122.66		2282.33		
Grain Crops	*	*	*	15.76	100	
Cereals	*	*	*	15.76	100	
Teff	-	-	-	-	-	-
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	*	*	*	15.76	100	*
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	37	59.44	100	1551.72	100	
Lettuce	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-
Ethiopian cabbage	1	0.33	0.56	0.03	-	0.09
Tomatoes	36	59.11	99.44	1551.69	100	26.25
Green peppers	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-
Root Crops	56	59.06	100	714.86	100	
Beetroot	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	56	58.72	99.42	714.81	99.99	12.17
Potatoes	-	-	-	-	-	-
Garlic	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-
Sweet potatoes	1	0.34	0.58	0.05	-	0.15

TABLE 5.6 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

URBAN HOLDINGS

TEMPORARY CROPS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	578	626.96	3189.67	5.09
Zone 1.	517	504.29	907.34	1.8
Dubti	-			
Asayita . . .	517	504.29	907.34	1.8
Zone 3.	61	122.66	2282.33	18.61
Amibara . . .	9	8.67	550.08	63.45
Awash Fentale	52	114	1732.25	15.2

TABLE 5.6.1- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

URBAN HOLDINGS

GRAINS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	527	508.46	923.1	1.82
Zone 1.	517	504.29	907.34	1.8
Dubti	-	-	-	-
Asayita . . .	517	504.29	907.34	1.8
Zone 3.	*	*	15.76	*
Amibara . . .	1	0.39	15	38.46
Awash Fentale	*	*	*	*

TABLE 5.6.1.1 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

URBAN HOLDINGS

CEREALS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	527	508.46	923.1	1.82
Zone 1.	517	504.29	907.34	1.8
Dubti	-	-	-	-
Asayita . . .	517	504.29	907.34	1.8
Zone 3.	*	*	15.76	*
Amibara . . .	1	0.39	15	38.46
Awash Fentale	*	*	*	*

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

URBAN HOLDINGS

MAIZE

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	527	508.46	923.1	1.82
Zone 1.	517	504.29	907.34	1.8
Dubti	-	-	-	-
Asayita . . .	517	504.29	907.34	1.8
Zone 3.	*	*	15.76	*
Amibara . . .	1	0.39	15	38.46
Awash Fentale	*	*	*	*

TABLE 5.6.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

URBAN HOLDINGS

VEGETABLES

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	37	59.44	1551.72	26.11
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Zone 3.	37	59.44	1551.72	26.11
Amibara . . .	8	4.1	147.88	36.07
Awash Fentale	29	55.33	*	*

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

URBAN HOLDINGS

ETHIOPIAN CABBAGE

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	1	0.33	0.03	0.09
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Zone 3.	1	0.33	0.03	0.09
Amibara . . .	1	0.33	0.03	0.09
Awash Fentale	-	-	-	-

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

URBAN HOLDINGS

TOMATOES

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	36	59.11	1551.69	26.25
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Zone 3.	36	59.11	1551.69	26.25
Amibara . . .	7	3.77	147.85	39.22
Awash Fentale	29	55.33	*	*

TABLE 5.6.3 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

URBAN HOLDINGS

ROOT CROPS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	56	59.06	714.86	12.1
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Zone 3.	56	59.06	714.86	12.1
Amibara . . .	4	4.17	387.2	92.85
Awash Fentale	52	54.89	327.66	5.97

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR MEHER SEASON

URBAN HOLDINGS

SWEET POTATES

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	1	0.34	0.05	0.15
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Zone 3.	1	0.34	0.05	0.15
Amibara . . .	1	0.34	0.05	0.15
Awash Fentale	-	-	-	-

TABLE 5.7 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

Afar Region

Crop	Number of Holders	Area		Production		Yield
		Hectares	%	Quintals	%	QT / HA
TOTAL	10450	10392.88		120247.9		
Grain Crops	10020	9811.41	100	77313.28	100	
Cereals	9879	9514.25	96.97	76235.81	98.61	
Teff	1958	816.96	8.33	3496.02	4.52	4.28
Barley	356	22.31	0.23	162.55	0.21	7.29
Wheat	400	56.73	0.58	196.55	0.25	3.46
Maize	9071	7193.21	73.31	61440.1	79.47	8.54
Sorghum	2304	1405.68	14.33	10940.59	14.15	7.78
Finger Millet	*	*	*	-	-	-
Oats / “Aja”	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulses	902	154.9	1.58	329.85	0.43	
Horse beans	28	1.99	0.02	*	*	*
Field peas	*	*	*	*	*	*
Haricot beans	609	61.83	0.63	176.64	0.23	2.86
Chick – peas	422	82.78	0.84	142.55	0.18	1.72
Lentils	66	3.17	0.03	0.32	-	0.1
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	*	*	*	-	-	-
Gibto.	-	-	-	-	-	-
Oilseeds	847	142.26	1.45	747.61	0.97	
Neug.	39	0.74	-	1.46	-	1.97
Linseed	29	*	*	*	*	*
Groundnuts	*	*	*	*	*	*
Safflower	208	10.76	0.11	32.83	0.04	3.05
Sesame	592	*	*	*	*	*
Rapeseed	-	-	-	-	-	-
Vegetables	891	237.88	100	10424.05	100	
Lettuce	-	-	-	-	-	-
Head cabbage	*	*	*	-	-	-
Ethiopian cabbage	98	*	*	0.03	-	*
Tomatoes	467	215.88	90.75	10173.63	97.6	47.13
Green peppers	143	2.42	1.02	*	*	*
Red peppers	346	*	*	86.58	0.83	*
Swiss chard	-	-	-	-	-	-
Root Crops	546	343.59	100	32510.62	100	
Beetroot	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	442	339.57	98.83	32373.21	99.58	95.34
Potatoes	*	*	*	-	-	-
Garlic	-	-	-	-	-	-
Taro / “Godere”	-	-	-	-	-	-
Sweet potatoes	113	*	*	*	*	*

TABLE 5.7.1 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

Zone 1

Crop	Number of Holders	Area		Production		Yield
		Hectares	%	Quintals	%	QT / HA
TOTAL	5741	5772.08		50721.38		
Grain Crops	5741	5770.64	100	50716.24	100	
Cereals	5722	5738.36	99.44	50548.32	99.67	
Teff	-	-	-	-	-	-
Barley	-	-	-	-	-	-
Wheat	-	-	-	-	-	-
Maize	5678	5654.95	98	49723.89	98.04	8.79
Sorghum	158	64.05	1.11	824.43	1.63	12.87
Finger Millet	*	*	*	-	-	-
Oats / “Aja”	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulses	*	*	*	-	-	
Horse beans	-	-	-	-	-	-
Field peas	-	-	-	-	-	-
Haricot beans	*	*	*	-	-	-
Chick – peas	-	-	-	-	-	-
Lentils	-	-	-	-	-	-
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-
Gibto	-	-	-	-	-	-
Oilseeds	99	26.28	0.46	167.92	0.33	
Neug	-	-	-	-	-	-
Linseed	*	*	*	-	-	-
Groundnuts	*	*	*	*	*	*
Safflower	-	-	-	-	-	-
Sesame	64	19.5	0.34	167.5	0.33	8.59
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	-	-	-	-	-	-

TABLE 5.7.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

Zone 3

Crop	Number of Holders	Area		Production		Yield
		Hectares	%	Quintals	%	QT / HA
TOTAL	4709	4620.79		69526.56		
Grain Crops	4279	4040.76	100	26597.04	100	
Cereals	4157	3775.88	93.44	25687.49	96.58	
Teff	1958	816.96	20.22	3496.02	13.14	4.28
Barley	356	22.31	0.55	162.55	0.61	7.29
Wheat	400	56.73	1.4	196.55	0.74	3.46
Maize	3392	1538.25	38.07	11716.21	44.05	7.62
Sorghum	2146	1341.63	33.2	10116.15	38.03	7.54
Finger Millet	-	-	-	-	-	-
Oats / “Aja”	-	-	-	-	-	-
Rice	-	-	-	-	-	-
Pulses	881	148.89	3.68	329.85	1.24	
Horse beans	28	1.99	0.05	*	*	*
Field peas	*	*	*	*	*	*
Haricot beans	588	55.83	1.38	176.64	0.66	3.16
Chick – peas	422	82.78	2.05	142.55	0.54	1.72
Lentils	66	3.17	0.08	0.32	-	0.1
Vetch	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-
Fenugreek	*	*	*	-	-	-
Gibto	-	-	-	-	-	-
Oilseeds	748	*	*	*	*	
Neug	39	0.74	0.02	1.46	-	1.97
Linseed	*	*	*	*	*	*
Groundnuts	*	*	*	*	*	*
Safflower	208	10.76	0.27	32.83	0.12	3.05
Sesame	528	*	*	*	*	*
Rapeseed	-	-	-	-	-	-
Vegetables	851	236.45	100	10418.91	100	
Lettuce	-	-	-	-	-	-
Head cabbage	*	*	*	-	-	-
Ethiopian cabbage	98	*	*	0.03	-	*
Tomatoes	467	215.88	91.3	10173.63	97.65	47.13
Green peppers	139	2.01	0.85	*	*	*
Red peppers	311	*	*	81.44	0.78	*
Swiss chard	-	-	-	-	-	-
Root Crops	546	343.59	100	32510.62	100	
Beetroot	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onion	442	339.57	98.83	32373.21	99.58	95.34
Potatoes	*	*	*	-	-	-
Garlic	-	-	-	-	-	-
Taro / “Godere”	-	-	-	-	-	-
Sweet potatoes	113	*	*	*	*	*

TABLE 5.8 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

TEMPORARY CROPS

Geographic Area	Number of Holders	Area Hectares	Production Quintals
Afar.	10450	10392.88	120247.9
Zone 1.	5741	5772.08	50721.38
Dubti	342	334.08	3444.07
Asayita . . .	3586	3370.8	36079.26
Afambo. . . .	1813	2067.2	11198.05
Zone 3.	4709	4620.79	69526.56
Amibara . . .	*	-	-
Awash Fentale	1149	1305.28	42065.61
Argoba Liyu .	2529	2748.81	15806.68

TABLE 5.8.1- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

GRAINS

Geographic Area	Number of Holders	Area Hectares	Production Quintals
Afar.	10020	9811.41	77313.28
Zone 1.	5741	5770.64	50716.24
Dubti	342	334.08	3444.07
Asayita . . .	3586	3370.4	36079.26
Afambo. . . .	1813	2066.17	11192.91
Zone 3.	4279	4040.76	26597.04
Amibara . . .	*	*	*
Awash Fentale	903	922.73	8583.09
Argoba Liyu .	2529	2719.63	15666.66

TABLE 5.8.1.1- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

CEREALS

Geographic Area	Number of Holders	Area Hectares	Production Quintals
Afar.	9879	9514.25	76235.81
Zone 1.	5722	5738.36	50548.32
Dubti	339	326	3368.98
Asayita . . .	3570	3359.16	36079.26
Afambo. . . .	1813	2053.2	11100.08
Zone 3.	4157	3775.88	25687.49
Amibara . . .	*	*	*
Awash Fentale	880	915.43	8549.24
Argoba Liyu .	2529	2527.71	15129.4

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS

ALL HOLDINGS

TEFF

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA

Afar.	1958	816.96	3496.02	4.28
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	1958	816.96	3496.02	4.28
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	1958	816.96	3496.02	4.28

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

BARLEY

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	356	22.31	162.55	7.29
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	356	22.31	162.55	7.29
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	356	22.31	162.55	7.29

TABLE C- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

WHEAT

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	400	56.73	196.55	3.46
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	400	56.73	196.55	3.46
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	400	56.73	196.55	3.46

TABLE D- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

MAIZE

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	9071	7193.21	61440.1	8.54
Zone 1.	5678	5654.95	49723.89	8.79
Dubti	339	326	3368.98	10.33
Asayita . . .	3551	3339.8	36079.26	10.8
Afambo. . . .	1788	1989.14	10275.65	5.17
Zone 3.	3392	1538.25	11716.21	7.62
Amibara . . .	*	*	*	*
Awash Fentale	880	915.43	8549.24	9.34
Argoba Liyu .	1765	290.08	1158.12	3.99

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

SORGHUM

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	2304	1405.68	10940.59	7.78
Zone 1.	158	64.05	824.43	12.87
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	158	64.05	824.43	12.87
Zone 3.	2146	1341.63	10116.15	7.54
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	2146	1341.63	10116.15	7.54

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

FINGER MILLET

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	-	-
Zone 1.	*	*	-	-
Dubti	-	-	-	-
Asayita . . .	*	*	-	-
Afambo. . . .	-	-	-	-
Zone 3.	-	-	-	-
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	-	-	-	-

TABLE 5.8.1.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

PULSES

	Number of	Area	Production

Geographic Area	Holders	Hectares	Quintals
Afar.	902	154.9	329.85
Zone 1.	*	*	-
Dubti	-	-	-
Asayita . . .	*	*	-
Afambo. . . .	*	*	-
Zone 3.	881	148.89	329.85
Amibara . . .	*	*	*
Awash Fentale	*	*	-
Argoba Liyu .	833	146.95	328.61

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

HORSE BEANS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	28	1.99	*	*
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	28	1.99	*	*
Amibara . . .	-	-	-	-
Awash Fentale	*	*	-	-
Argoba Liyu .	15	0.71	*	*

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

FIELD PEAS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	*	*
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	*	*	*	*
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	*	*	*	*

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

HARICOT BEANS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	609	61.83	176.64	2.86
Zone 1.	*	*	-	-
Dubti	-	-	-	-
Asayita . . .	*	*	-	-
Afambo. . . .	*	*	-	-
Zone 3.	588	55.83	176.64	3.16
Amibara . . .	*	*	*	*
Awash Fentale	-	-	-	-
Argoba Liyu .	553	55.17	175.39	3.18

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

CHICK-PEAS

	Number of	Area	Production	Yield

Geographic Area	Holders	Hectares	Quintals	QT / HA
Afar.	422	82.78	142.55	1.72
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	422	82.78	142.55	1.72
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	422	82.78	142.55	1.72

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

LENTILS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	422	82.78	142.55	1.72
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	422	82.78	142.55	1.72
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	422	82.78	142.55	1.72

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

FENUGREEK

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	-	-
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	*	*	-	-
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	*	*	-	-

TABLE 5.8.1.3 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

OILSEEDS

Geographic Area	Number of Holders	Area Hectares	Production Quintals
Afar.	847	142.26	747.61
Zone 1.	99	26.28	167.92

Dubti	*	*	*
Asayita . . .	*	*	-
Afambo. . . .	71	*	*
Zone 3.	748	*	*
Amibara . . .	*	*	*
Awash Fentale	*	*	*
Argoba Liyu .	532	44.97	208.65

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

NEUG

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	39	0.74	1.46	1.97
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	39	0.74	1.46	1.97
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	39	0.74	1.46	1.97

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

LINSEED

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	29	*	*	*
Zone 1.	*	*	-	-
Dubti	-	-	-	-
Asayita . . .	*	*	-	-
Afambo. . . .	-	-	-	-
Zone 3.	*	*	*	*
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	*	*	*	*

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARYCROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

GROUNDNUTS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	*	*
Zone 1.	*	*	*	*
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	*	*	*	*
Zone 3.	*	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*

Argoba Liyu .	-	-	-	-

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

SUNFLOWER

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	208	10.76	32.83	3.05
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	208	10.76	32.83	3.05
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	208	10.76	32.83	3.05

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

SESAME

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	592	*	*	*
Zone 1.	64	19.5	167.5	8.59
Dubti	*	*	*	*
Asayita . . .	-	-	-	-
Afambo. . . .	53	*	*	*
Zone 3.	528	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	*	*	*	*
Argoba Liyu .	358	33.33	174.14	5.22

TABLE 5.8.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

VEGETABLES

Geographic Area	Number of Holders	Area Hectares	Production Quintals
Afar.	891	237.88	10424.05
Zone 1.	*	*	*
Dubti	-	-	-
Asayita . . .	*	*	-
Afambo. . . .	*	*	*
Zone 3.	851	236.45	10418.91
Amibara . . .	338	*	*
Awash Fentale	170	116.04	*
Argoba Liyu .	343	4.08	107.39

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF

TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

HEAD CABBAGE

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	-	-
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	*	*	-	-
Amibara . . .	-	-	-	-
Awash Fentale	*	*	-	-
Argoba Liyu .	-	-	-	-

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

ETHIOPIAN CABBAGE

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	98	*	0.03	*
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	98	*	0.03	*
Amibara . . .	*	0.47	0.03	0.06
Awash Fentale	*	*	-	-
Argoba Liyu .	*	*	-	-

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGSFOR BOTH SEASONS

ALL HOLDINGS

TOMATOES

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	467	215.88	10173.63	47.13
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	467	215.88	10173.63	47.13
Amibara . . .	*	*	*	*
Awash Fentale	155	107.57	*	*
Argoba Liyu .	*	*	*	*

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

GREEN PEPPERS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	143	2.42	*	*
Zone 1.	*	*	-	-

Dubti	-	-	-	-
Asayita . . .	*	*	-	-
Afambo. . . .	-	-	-	-
Zone 3.	139	2.01	*	*
Amibara . . .	*	*	*	*
Awash Fentale	-	-	-	-
Argoba Liyu .	85	0.95	57.72	60.76

TABLE E - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

RED PEPPERS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	346	*	86.58	*
Zone 1.	*	*	*	*
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	*	*	*	*
Zone 3.	311	*	81.44	*
Amibara . . .	*	*	-	-
Awash Fentale	*	*	*	*
Argoba Liyu .	258	3.03	40.74	13.45

TABLE 5.8.3 - ESTIMATES OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

ROOT CROPS

Geographic Area	Number of Holders	Area Hectares	Production Quintals
Afar.	546	343.59	32510.62
Zone 1.	-	-	-
Dubti	-	-	-
Asayita . . .	-	-	-
Afambo. . . .	-	-	-
Zone 3.	546	343.59	32510.62
Amibara . . .	84	*	*
Awash Fentale	359	266.5	*
Argoba Liyu .	103	25.11	32.63

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

ONIONS

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	442	339.57	32373.21	95.34
Zone 1.	-	-	-	-
Dubti	-	-	-	-

Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	442	339.57	32373.21	95.34
Amibara . . .	*	*	*	*
Awash Fentale	313	264.2	*	*
Argoba Liyu .	86	24.97	18.89	0.76

TABLE B - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF EMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

POTATOES

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	*	*	-	-
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	*	*	-	-
Amibara . . .	-	-	-	-
Awash Fentale	-	-	-	-
Argoba Liyu .	*	*	-	-

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF TEMPORARY CROPS FOR PRIVATE PEASANT HOLDINGS FOR BOTH SEASONS

ALL HOLDINGS

SWEET POTATOES

Geographic Area	Number of Holders	Area Hectares	Production Quintals	Yield QT / HA
Afar.	113	*	*	*
Zone 1.	-	-	-	-
Dubti	-	-	-	-
Asayita . . .	-	-	-	-
Afambo. . . .	-	-	-	-
Zone 3.	113	*	*	*
Amibara . . .	*	*	*	*
Awash Fentale	*	*	-	-
Argoba Liyu .	25	0.14	13.74	98.14

TABLE 5.9 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS

RURAL HOLDINGS

Afar Region

PERMANENT CROPS	NUMBER OF HOLDERS REPORTING	AREA IN CROP (HA)	%	TOTAL NUMBER OF TREES	NUMBER OF TREES PER HECTARE	NUMBER OF TREES BEARING	PRODUCTION (QT)	%	YIELD (QT / HA)
ALL	*	*							
Fruit Crops	*	*	*	*	*	*	-	-	
Avocados	-	-	-	-	-	-	-	-	-
Bananas	*	*	*	*	*	*	-	-	-
Guavas	*	*	*	*	*	*	-	-	-
Lemons	*	4.81	*	*	*	*	-	-	-
Mangoes	-	-	-	-	-	-	-	-	-
Oranges	*	*	*	*	*	*	-	-	-
Papayas	220	1.07	*	*	*	683	-	-	-
Pineapples	-	-	-	-	-	-	-	-	-
Stimulant Crops	149	7.15	100	1280	179	961	-	-	
Chat	*	*	*				-	-	-
Coffee	30	0.53	7.41				-	-	-
Hops (Gesho)	127	3.88	54.27	1192	307	909	-	-	-
Other Permanent	229	2.96	100	*	*	*	-	-	
Enset	-	-	-	-	-	-	-	-	-
Sugar Cane	229	2.96	100		*	*	-	-	-

TABLE 5.9.1- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS

RURAL HOLDINGS

Zone 1

PERMANENT CROPS	NUMBER OF HOLDERS REPORTING	AREA IN CROP (HA)	%	TOTAL NUMBER OF TREES	NUMBER OF TREES PER HECTARE	NUMBER OF TREES BEARING	PRODUCTION (QT)	%	YIELD (QT / HA)
ALL	*	*							
Fruit Crops	*	*	*	*	*	*	-	-	
Avocados	-	-	-	-	-	-	-	-	-
Bananas	*	*	*	*	*	*	-	-	-
Guavas	*	*	*	*	*	*	-	-	-
Lemons	*	*	*	*	*	*	-	-	-
Mangoes	-	-	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-	-	-
Papayas	*	*	*	*	*	*	-	-	-
Pineapples	-	-	-	-	-	-	-	-	-
Stimulant Crops	-	-	-	-	-	-	-	-	
Chat	-	-	-				-	-	-
Coffee	-	-	-				-	-	-
Hops (Gesho)	-	-	-	-	-	-	-	-	-
Other Permanent	-	-	-	-	-	-	-	-	
Enset	-	-	-	-	-	-	-	-	-
Sugar Cane	-	-	-		-	-	-	-	-

TABLE 5.9.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FORPRIVATE PEASANT HOLDINGS

RURAL HOLDINGS

Zone 3

PERMANENT CROPS	NUMBER OF HOLDERS REPORTING	AREA IN CROP (HA)	%	TOTAL NUMBER OF TREES	NUMBER OF TREES PER HECTARE	NUMBER OF TREES BEARING	PRODUCTION (QT)	%	YIELD (QT / HA)
ALL	*	*							
Fruit Crops	*	*	*	*	*	*	-	-	
Avocados	-	-	-	-	-	-	-	-	-
Bananas	*	*	*	*	*	*	-	-	-
Guavas	*	*	*	*	*	*	-	-	-
Lemons	*	3.12	*	*	*	*	-	-	-
Mangoes	-	-	-	-	-	-	-	-	-
Oranges	*	*	*	*	*	*	-	-	-
Papayas	195	1.04	*	*	*	633	-	-	-
Pineapples	-	-	-	-	-	-	-	-	-
Stimulant Crops	149	7.15	100	1280	179	961	-	-	
Chat	*	*	*				-	-	-
Coffee	30	0.53	7.41				-	-	-
Hops (Gesho)	127	3.88	54.2 7	1192	307	909	-	-	-
Other Permanent	229	2.96	100	*	*	*	-	-	
Enset	-	-	-	-	-	-	-	-	-
Sugar Cane	229	2.96	100		*	*	-	-	-

TABLE 5.10 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS

RURAL HOLDINGS

PERMANENT CROPS

Geographic Area	Number Of Holders Reporting	Area In Crop (Ha)	Total Number Of Trees	Number Of Trees Per Hectare	Number of Trees Bearing	Production (Qt)
Afar	1550	172.8	127717	739	44684	-
Zone 1	49	3.54	1723	487	580	-
Dubti	-	-	-	-	-	-
Asayita	9	1.22	1318	1080	218	-
Afambo	40	2.32	406	175	362	-
Zone 3	1501	169.26	125993	744	44104	-
Amibara	1119	148.74	117459	790	38113	-
Awash Fental	15	0.03	61	2033	46	-
Argoba Liyu	366	20.49	8474	414	5946	-

TABLE 5.10.1 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS

RURAL HOLDINGS

FRUIT CROPS

Geographic Area	Number Of Holders Reporting	Area In Crop (Ha)	Total Number Of Trees	Number Of Trees Per Hectare	Number Of Trees Bearing	Production (Qt)
Afar	1321	162.69	125496	771	43019	-
Zone 1	49	3.54	1723	487	580	-
Dubti	-	-	-	-	-	-
Asayita	9	1.22	1318	1080	218	-
Afambo	40	2.32	406	175	362	-
Zone 3	1272	159.15	123772	778	42439	-
Amibara	1008	146.33	116595	797	37409	-
Awash Fental	15	0.03	61	2033	46	-
Argoba Liyu	249	12.79	7117	556	4985	-

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS

RURAL HOLDINGS

BANANAS

Geographic Area	Number Of Holders Reporting	Area In Crop (Ha)	Total Number Of Trees	Number Of Trees Per Hectare	Number Of Trees Bearing	Production (Qt)	Yield (Qt / Ha)
Afar	1071	155.79	123679	794	41894	-	-
Zone 1	34	0.9	1390	1544	413	-	-
Dubti	-	-	-	-	-	-	-
Asayita	9	0.81	1166	1440	190	-	-
Afambo	25	0.09	224	2489	224	-	-
Zone 3	1036	154.9	122289	789	41480	-	-
Amibara	899	144.94	115607	798	36859	-	-
Awash Fental	-	-	-	-	-	-	-
Argoba Liyu	138	9.96	6682	671	4621	-	-

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS

RURAL HOLDINGS

GUAVAS

Geographic Area	Number Of Holders Reporting	Area In Crop (Ha)	Total Number Of Trees	Number Of Trees Per Hectare	Number Of Trees Bearing	Production (Qt)	Yield (Qt / Ha)
Afar	37	0.95	179	188	56	-	-
Zone 1	24	0.91	166	182	43	-	-
Dubti	-	-	-	-	-	-	-
Asayita	9	0.41	152	371	28	-	-
Afambo	15	0.51	15	29	15	-	-
Zone 3	12	0.04	12	300	12	-	-
Amibara	12	0.04	12	300	12	-	-
Awash Fental	-	-	-	-	-	-	-
Argoba Liyu	-	-	-	-	-	-	-

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FORPRIVATE PEASANT HOLDINGS

RURAL HOLDINGS

LEMONS

Geographic Area	Number Of Holders Reporting	Area In Crop (Ha)	Total Number Of Trees	Number Of Trees Per Hectare	Number Of Trees Bearing	Production (Qt)	Yield (Qt / Ha)
Afar	186	4.81	476	99	345	-	-
Zone 1	15	1.7	117	69	73	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	15	1.7	117	69	73	-	-
Zone 3	171	3.12	359	115	272	-	-
Amibara	112	0.82	286	349	199	-	-
Awash Fental	-	-	-	-	-	-	-
Argoba Liyu	60	2.3	73	32	73	-	-

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPSFOR PRIVATE PEASANT HOLDINGS

RURAL HOLDINGS

ORANGES

Geographic Area	Number Of Holders Reporting	Area In Crop (Ha)	Total Number Of Trees	Number Of Trees Per Hectare	Number Of Trees Bearing	Production (Qt)	Yield (Qt / Ha)
Afar	17	0.05	42	840	42	-	-
Zone 1	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3	17	0.05	42	840	42	-	-
Amibara	12	0.05	37	740	37	-	-
Awash Fental	-	-	-	-	-	-	-
Argoba Liyu	4	-	4	-	4	-	-

TABLE G - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS

RURAL HOLDINGS

PAPAYAS

Geographic Area	Number Of Holders Reporting	Area In Crop (Ha)	Total Number Of Trees	Number Of Trees Per Hectare	Number Of Trees Bearing	Production (Qt)	Yield (Qt / Ha)
Afar	220	1.07	1120	1047	683	-	-
Zone 1	25	0.03	50	1667	50	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	25	0.03	50	1667	50	-	-
Zone 3	195	1.04	1070	1029	633	-	-
Amibara	83	0.48	652	1358	301	-	-
Awash Fental	15	0.03	61	2033	46	-	-
Argoba Liyu	97	0.53	357	674	286	-	-

TABLE 5.13 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS
RURAL HOLDINGS

Afar Region

PERMANENT CROPS	NUMBER OF HOLDERS REPORTING	AREA IN CROP (HA)	%	TOTAL NUMBER OF TREES	NUMBER OF TREES PER HECTARE	NUMBER OF TREES BEARING	PRODUCTION (QT)	%	YIELD (QT / HA)
ALL	*	*							
Fruit Crops	*	*	*	*	*	*	-	-	
Avocados	-	-	-	-	-	-	-	-	-
Bananas	*	*	*	*	*	*	-	-	-
Guavas	*	*	*	*	*	*	-	-	-
Lemons	*	4.81	*	*	*	*	-	-	-
Mangoes	-	-	-	-	-	-	-	-	-
Oranges	*	*	*	*	*	*	-	-	-
Papayas	220	1.07	*	*	*	683	-	-	-
Pineapples	-	-	-	-	-	-	-	-	-
Stimulant Crops	149	7.15	100	1280	179	961	-	-	
Chat	*	*	*				-	-	-
Coffee	30	0.53	7.41				-	-	-
Hops (Gesho)	127	3.88	54.27	1192	307	909	-	-	-
Other Permanent	229	2.96	100	*	*	*	-	-	
Enset	-	-	-	-	-	-	-	-	-
Sugar Cane	229	2.96	100		*	*	-	-	-

TABLE 5.13.1- ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS

RURAL HOLDINGS

Zone 1

PERMANENT CROPS	NUMBER OF HOLDERS REPORTING	AREA IN CROP (HA)	%	TOTAL NUMBER OF TREES	NUMBER OF TREES PER HECTARE	NUMBER OF TREES BEARING	PRODUCTION (QT)	%	YIELD (QT / HA)
ALL	*	*							
Fruit Crops	*	*	*	*	*	*	-	-	
Avocados	-	-	-	-	-	-	-	-	-
Bananas	*	*	*	*	*	*	-	-	-
Guavas	*	*	*	*	*	*	-	-	-
Lemons	*	*	*	*	*	*	-	-	-
Mangoes	-	-	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-	-	-
Papayas	*	*	*	*	*	*	-	-	-
Pineapples	-	-	-	-	-	-	-	-	-
Stimulant Crops	-	-	-	-	-	-	-	-	
Chat	-	-	-				-	-	-
Coffee	-	-	-				-	-	-
Hops (Gesho)	-	-	-	-	-	-	-	-	-
Other Permanent	-	-	-	-	-	-	-	-	
Enset	-	-	-	-	-	-	-	-	-
Sugar Cane	-	-	-		-	-	-	-	-

TABLE 5.13.2 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FORPRIVATE PEASANT HOLDINGS

RURAL HOLDINGS

Zone 3

PERMANENT CROPS	NUMBER OF HOLDERS REPORTING	AREA IN CROP (HA)	%	TOTAL NUMBER OF TREES	NUMBER OF TREES PER HECTARE	NUMBER OF TREES BEARING	PRODUCTION (QT)	%	YIELD (QT / HA)
ALL	*	*							
Fruit Crops	*	*	*	*	*	*	-	-	
Avocados	-	-	-	-	-	-	-	-	-
Bananas	*	*	*	*	*	*	-	-	-
Guavas	*	*	*	*	*	*	-	-	-
Lemons	*	3.12	*	*	*	*	-	-	-
Mangoes	-	-	-	-	-	-	-	-	-
Oranges	*	*	*	*	*	*	-	-	-
Papayas	195	1.04	*	*	*	633	-	-	-
Pineapples	-	-	-	-	-	-	-	-	-
Stimulant Crops	149	7.15	100	1280	179	961	-	-	
Chat	*	*	*				-	-	-
Coffee	30	0.53	7.41				-	-	-
Hops (Gesho)	127	3.88	54.2 7	1192	307	909	-	-	-
Other Permanent	229	2.96	100	*	*	*	-	-	
Enset	-	-	-	-	-	-	-	-	-
Sugar Cane	229	2.96	100		*	*	-	-	-

TABLE 5.14 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS

ALL HOLDINGS

PERMANENT CROPS

Geographic Area	Number Of Holders Reporting	Area In Crop (Ha)	Total Number Of Trees	Number Of Trees Per Hectare	Number of Trees Bearing	Production (Qt)
Afar	1550	172.8	127717	739	44684	-
Zone 1	49	3.54	1723	487	580	-
Dubti	-	-	-	-	-	-
Asayita	9	1.22	1318	1080	218	-
Afambo	40	2.32	406	175	362	-
Zone 3	1501	169.26	125993	744	44104	-
Amibara	1119	148.74	117459	790	38113	-
Awash Fental	15	0.03	61	2033	46	-
Argoba Liyu	366	20.49	8474	414	5946	-

TABLE 5.14.1 - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS

ALL HOLDINGS

FRUIT CROPS

Geographic Area	Number Of Holders Reporting	Area In Crop (Ha)	Total Number Of Trees	Number Of Trees Per Hectare	Number Of Trees Bearing	Production (Qt)
Afar	1321	162.69	125496	771	43019	-
Zone 1	49	3.54	1723	487	580	-
Dubti	-	-	-	-	-	-
Asayita	9	1.22	1318	1080	218	-
Afambo	40	2.32	406	175	362	-
Zone 3	1272	159.15	123772	778	42439	-
Amibara	1008	146.33	116595	797	37409	-
Awash Fental	15	0.03	61	2033	46	-
Argoba Liyu	249	12.79	7117	556	4985	-

TABLE A - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS

ALL HOLDINGS

BANANAS

Geographic Area	Number Of Holders Reporting	Area In Crop (Ha)	Total Number Of Trees	Number Of Trees Per Hectare	Number Of Trees Bearing	Production (Qt)	Yield (Qt / Ha)
Afar	1071	155.79	123679	794	41894	-	-
Zone 1	34	0.9	1390	1544	413	-	-
Dubti	-	-	-	-	-	-	-
Asayita	9	0.81	1166	1440	190	-	-
Afambo	25	0.09	224	2489	224	-	-
Zone 3	1036	154.9	122289	789	41480	-	-
Amibara	899	144.94	115607	798	36859	-	-
Awash Fental	-	-	-	-	-	-	-
Argoba Liyu	138	9.96	6682	671	4621	-	-

TABLE C - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS

ALL HOLDINGS

GUAVAS

Geographic Area	Number Of Holders Reporting	Area In Crop (Ha)	Total Number Of Trees	Number Of Trees Per Hectare	Number Of Trees Bearing	Production (Qt)	Yield (Qt / Ha)
Afar	37	0.95	179	188	56	-	-
Zone 1	24	0.91	166	182	43	-	-
Dubti	-	-	-	-	-	-	-
Asayita	9	0.41	152	371	28	-	-
Afambo	15	0.51	15	29	15	-	-
Zone 3	12	0.04	12	300	12	-	-
Amibara	12	0.04	12	300	12	-	-
Awash Fental	-	-	-	-	-	-	-
Argoba Liyu	-	-	-	-	-	-	-

TABLE D - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FORPRIVATE PEASANT HOLDINGS

ALL HOLDINGS

LEMONS

Geographic Area	Number Of Holders Reporting	Area In Crop (Ha)	Total Number Of Trees	Number Of Trees Per Hectare	Number Of Trees Bearing	Production (Qt)	Yield (Qt / Ha)
Afar	186	4.81	476	99	345	-	-
Zone 1	15	1.7	117	69	73	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	15	1.7	117	69	73	-	-
Zone 3	171	3.12	359	115	272	-	-
Amibara	112	0.82	286	349	199	-	-
Awash Fental	-	-	-	-	-	-	-
Argoba Liyu	60	2.3	73	32	73	-	-

TABLE F - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPSFOR PRIVATE PEASANT HOLDINGS

ALL HOLDINGS

ORANGES

Geographic Area	Number Of Holders Reporting	Area In Crop (Ha)	Total Number Of Trees	Number Of Trees Per Hectare	Number Of Trees Bearing	Production (Qt)	Yield (Qt / Ha)
Afar	17	0.05	42	840	42	-	-
Zone 1	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3	17	0.05	42	840	42	-	-
Amibara	12	0.05	37	740	37	-	-
Awash Fental	-	-	-	-	-	-	-
Argoba Liyu	4	-	4	-	4	-	-

TABLE G - ESTIMATE OF HOLDERS, AREA, PRODUCTION AND YIELD OF PERMANENT CROPS FOR PRIVATE PEASANT HOLDINGS

ALL HOLDINGS

PAPAYAS

Geographic Area	Number Of Holders Reporting	Area In Crop (Ha)	Total Number Of Trees	Number Of Trees Per Hectare	Number Of Trees Bearing	Production (Qt)	Yield (Qt / Ha)
Afar	220	1.07	1120	1047	683	-	-
Zone 1	25	0.03	50	1667	50	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	25	0.03	50	1667	50	-	-
Zone 3	195	1.04	1070	1029	633	-	-
Amibara	83	0.48	652	1358	301	-	-
Awash Fental	15	0.03	61	2033	46	-	-
Argoba Liyu	97	0.53	357	674	286	-	-

TABLE 5.15 - CROP PRODUCTION AND PERCENT OF UTILIZATION

RURAL HOLDINGS

Afar Region

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Total							
Grain Crops	76390.18	71.67	8.48	16.6	-	0.87	2.38
Cereals	75312.71	71.78	8.45	15.3	0.84	0.98	2.66
Teff	3496.02	63.78	8.35	26.14	0.34	-	1.39
Barley	162.55	79.58	18.39	1.06	-	0.65	0.33
Wheat	196.55	76.94	21.02	1.81	-	-	0.23
Maize	60517	70.41	8.1	15.45	1.29	1.38	3.36
Sorghum	10940.59	79.33	6.09	10.23	0.47	1.07	2.81
Finger millet	-	-	-	-	-	-	-
Oats “Aja”	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	329.85	78.23	13.5	8.18	-	-	0.08
Horse beans	*	100	-	-	-	-	-
Field peas	*	80	20	-	-	-	-
Haricot beans	176.64	90.76	7.57	1.67	-	-	-
Chick – peas	142.55	68.43	19.43	11.94	-	-	0.2
Lentils	0.32	7.26	31.9	60.84	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	747.61	64.19	4.48	29.14	2.16	-	0.03
Neug	1.46	82.04	-	17.96	-	-	-
Linseed	*	100	-	-	-	-	-
Groundnuts	*	35	15	50	-	-	-
Safflower	32.83	84.86	3.95	11.19	-	-	-
Sesame	*	59.93	4.05	32.98	3	-	0.04
Rapeseed	-	-	-	-	-	-	-
Vegetables	*	62.19	1.65	33.47	-	-	2.69
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	*	32.76	1.14	62.53	-	-	3.58
Green peppers	*	33.35	2.15	60.04	-	-	4.46
Red peppers	86.58	96.05	1.84	0.79	-	-	1.32
Swiss chard	-	-	-	-	-	-	-
Root Crops	31795.76	16.87	0.25	64.22	18.66	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	31658.4	16.87	0.25	64.22	18.66	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / Godere	-	-	-	-	-	-	-
Sweet potatoes	*	63.25	3.67	33.08	-	-	-
Permanent crops	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapple	-	-	-	-	-	-	-

Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 5.15.1 - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

ZONE 1

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Total							
Grain Crops	49808.9	62.47	8.91	24.44	-	1.42	2.77
Cereals	49640.98	63.02	8.92	23.02	0.82	1.43	2.79
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	48816.55	62.37	8.74	23.78	0.85	1.48	2.78
Sorghum	824.43	82.7	14.38	-	-	-	2.92
Finger millet	-	-	-	-	-	-	-
Oats “Aja”	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	167.92	8.83	7.71	76.64	6.2	-	0.62
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	*	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	167.5	8.83	7.71	76.64	6.2	-	0.62
Rapeseed	-	-	-	-	-	-	-
Vegetables	*	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	*	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / Godere	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-

Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapple	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 5.15.2 - CROP PRODUCTION AND PERCENT OF UTILIZATION

RURAL HOLDINGS

ZONE 3

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Total							
Grain Crops	26581.28	75.05	8.32	13.72	-	0.67	2.23
Cereals							
Teff	25671.73	75.5	8.24	12.02	0.84	0.79	2.6
Barley	3496.02	63.78	8.35	26.14	0.34	-	1.39
Wheat	162.55	79.58	18.39	1.06	-	0.65	0.33
Maize	196.55	76.94	21.02	1.81	-	-	0.23
Sorghum	11700.45	80.77	7.27	4.72	1.87	1.26	4.11
Finger millet	10116.15	79.19	5.74	10.66	0.49	1.12	2.8
Oats “Aja”	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-
Horse beans	329.85	78.23	13.5	8.18	-	-	0.08
Field peas	*	100	-	-	-	-	-
Haricot beans	*	80	20	-	-	-	-
Chick – peas	176.64	90.76	7.57	1.67	-	-	-
Lentils	142.55	68.43	19.43	11.94	-	-	0.2
Vetch	0.32	7.26	31.9	60.84	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-	-
Neug	*	66.95	4.32	26.77	1.96	-	-
Linseed	1.46	82.04	-	17.96	-	-	-
Groundnuts	*	100	-	-	-	-	-
Safflower	*	35	15	50	-	-	-
Sesame	32.83	84.86	3.95	11.19	-	-	-
Rapeseed	*	63.53	3.79	29.9	2.78	-	-
Vegetables	-	-	-	-	-	-	-
Lettuce	*	62.19	1.65	33.47	-	-	2.69
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	*	32.76	1.14	62.53	-	-	3.58
Red peppers	*	33.35	2.15	60.04	-	-	4.46
Swiss chard	81.44	96.05	1.84	0.79	-	-	1.32
Root Crops	-	-	-	-	-	-	-
Beetroot	31795.76	16.87	0.25	64.22	18.66	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	31658.4	16.87	0.25	64.22	18.66	-	-
Garlic	-	-	-	-	-	-	-
Taro / Godere	-	-	-	-	-	-	-

Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	*	63.25	3.67	33.08	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapple	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 5.16 - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

GRAIN CROPS

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	76390.18	71.67	8.48	16.6	-	0.87	2.38
Zone 1 Zone	49808.9	62.47	8.91	24.44	-	1.42	2.77
Dubti	3444.07	70.16	7.92	18.61	-	0.13	3.17
Asayita	35171.92	53.94	6.72	33.84	-	2.51	2.98
Afambo	11192.91	74.06	12.52	11.09	-	-	2.34
Zone 3 Zone	26581.28	75.05	8.32	13.72	-	0.67	2.23
Amibara	*	69.27	9.5	17.45	-	1.76	2.02
Awash Fentale	8582.33	76.36	4.4	11.1	-	0.17	7.97
Argoba Liyu	15666.66	75.55	8.65	13.62	-	0.61	1.58

5.16.1 - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

CEREALS

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	75312.71	71.78	8.45	15.3	0.84	0.98	2.66
Zone 1 Zone	49640.98	63.02	8.92	23.02	0.82	1.43	2.79
Dubti	3368.98	71.93	7.91	8.71	8.11	0.13	3.21
Asayita	35171.92	53.94	6.72	33.48	0.36	2.51	2.98
Afambo	11100.08	75.52	12.62	9.47	-	-	2.39
Zone 3 Zone	25671.73	75.5	8.24	12.02	0.84	0.79	2.6
Amibara	*	77.61	11.18	5.97	-	2.45	2.8
Awash Fentale	8548.48	80.51	4.68	0.66	5.48	0.18	8.49
Argoba Liyu	15129.4	74.65	8.43	14.06	0.32	0.71	1.82

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

TEFF

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	3496.02	63.78	8.35	26.14	0.34	-	1.39
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	3496.02	63.78	8.35	26.14	0.34	-	1.39
Amibara	-	-	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	3496.02	63.78	8.35	26.14	0.34	-	1.39

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION

RURAL HOLDINGS

BARLEY

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	162.55	79.58	18.39	1.06	-	0.65	0.33
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	162.55	79.58	18.39	1.06	-	0.65	0.33
Amibara	-	-	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	162.55	79.58	18.39	1.06	-	0.65	0.33

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

MAIZE

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	196.55	76.94	21.02	1.81	-	-	0.23
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	196.55	76.94	21.02	1.81	-	-	0.23
Amibara	-	-	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	196.55	76.94	21.02	1.81	-	-	0.23

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

SORGHUM

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	10940.59	79.33	6.09	10.23	0.47	1.07	2.81
Zone 1 Zone	824.43	82.7	14.38	-	-	-	2.92
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	824.43	82.7	14.38	-	-	-	2.92
Zone 3 Zone	10116.15	79.19	5.74	10.66	0.49	1.12	2.8
Amibara	-	-	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	10116.15	79.19	5.74	10.66	0.49	1.12	2.8

TABLE 5.16.2 - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

PULSES

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	329.85	78.23	13.5	8.18	-	-	0.08
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	329.85	78.23	13.5	8.18	-	-	0.08
Amibara	*	100	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	328.61	76.7	14.45	8.76	-	-	0.09

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

HORSE BEANS

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	*	100	-	-	-	-	-
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	*	100	-	-	-	-	-
Amibara	-	-	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	*	100	-	-	-	-	-

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

HARICOT BEANS

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	*	80	20	-	-	-	-
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	*	80	20	-	-	-	-
Amibara	-	-	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	*	80	20	-	-	-	-

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

CHICK PEAS

		Percent Utilized For

Geographic Area	Total Production (Quintal)	Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	142.55	68.43	19.43	11.94	-	-	0.2
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	142.55	68.43	19.43	11.94	-	-	0.2
Amibara	-	-	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	142.55	68.43	19.43	11.94	-	-	0.2

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

LENTILS

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	0.32	7.26	31.9	60.84	-	-	-
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	0.32	7.26	31.9	60.84	-	-	-
Amibara	-	-	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	0.32	7.26	31.9	60.84	-	-	-

TABLE 5.16.3 - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

OILSEEDS

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	747.61	64.19	4.48	29.14	2.16	-	0.03
Zone 1 Zone	167.92	8.83	7.71	76.64	6.2	-	0.62
Dubti	*	24.58	8.24	43.38	21.63	-	2.16
Asayita	-	-	-	-	-	-	-
Afambo	*	2.5	7.5	90	-	-	-
Zone 3 Zone	*	66.95	4.32	26.77	1.96	-	-
Amibara	*	36.13	6.3	57.57	-	-	-
Awash Fentale	*	12.5	-	62.5	25	-	-
Argoba Liyu	208.65	86.91	3.99	9.1	-	-	-

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

NEUG

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	1.46	82.04	-	17.96	-	-	-
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	1.46	82.04	-	17.96	-	-	-
Amibara	-	-	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	1.46	82.04	-	17.96	-	-	-

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

LINE SEED

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	*	100	-	-	-	-	-
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	*	100	-	-	-	-	-
Amibara	-	-	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	*	100	-	-	-	-	-

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

GROUND NUTS

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	*	35	15	50	-	-	-
Zone 1 Zone	*	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	*	-	-	-	-	-	-
Zone 3 Zone	*	35	15	50	-	-	-
Amibara	*	35	15	50	-	-	-
Awash Fentale	*	-	-	-	-	-	-
Argoba Liyu	-	-	-	-	-	-	-

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

SUN FLOWER

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	32.83	84.86	3.95	11.19	-	-	-

Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	32.83	84.86	3.95	11.19	-	-	-
Amibara	-	-	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	32.83	84.86	3.95	11.19	-	-	-

TABLE E - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

SESAME

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	*	59.93	4.05	32.98	3	-	0.04
Zone 1 Zone	167.5	8.83	7.71	76.64	6.2	-	0.62
Dubti	*	24.58	8.24	43.38	21.63	-	2.16
Asayita	-	-	-	-	-	-	-
Afambo	*	2.5	7.5	90	-	-	-
Zone 3 Zone	*	63.53	3.79	29.9	2.78	-	-
Amibara	*	36.45	3.83	59.72	-	-	-
Awash Fentale	*	12.5	-	62.5	25	-	-
Argoba Liyu	174.14	87.56	4.5	7.94	-	-	-

TABLE 5.17 - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

VEGETABLES

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	*	62.19	1.65	33.47	-	-	2.69
Zone 1 Zone	*	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	*	-	-	-	-	-	-
Zone 3 Zone	*	62.19	1.65	33.47	-	-	2.69
Amibara	*	32.35	2	60.94	-	-	4.72
Awash Fentale	*	40.31	-	59.69	-	-	-
Argoba Liyu	107.39	95.54	1.88	0.81	-	-	1.78

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

TOMATOES

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	*	32.76	1.14	62.53	-	-	3.58
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	*	32.76	1.14	62.53	-	-	3.58
Amibara	*	36.44	1.71	56.49	-	-	5.37
Awash Fentale	*	-	-	100	-	-	-
Argoba Liyu	*	100	-	-	-	-	-

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

GREEN PEPPERS

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	*	33.35	2.15	60.04	-	-	4.46
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	*	33.35	2.15	60.04	-	-	4.46
Amibara	*	26.59	2.4	67.21	-	-	3.8
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	57.72	90	-	-	-	-	10

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

RED PEPPERS

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	86.58	96.05	1.84	0.79	-	-	1.32
Zone 1 Zone	*	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	*	-	-	-	-	-	-
Zone 3 Zone	81.44	96.05	1.84	0.79	-	-	1.32
Amibara	-	-	-	-	-	-	-
Awash Fentale	*	100	-	-	-	-	-
Argoba Liyu	40.74	95.48	2.11	0.9	-	-	1.51

TABLE 5.18 - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

ROOT CROPS

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	31795.76	16.87	0.25	64.22	18.66	-	-
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	31795.76	16.87	0.25	64.22	18.66	-	-
Amibara	*	39.23	-	57.25	3.52	-	-
Awash Fentale	*	1	-	74	25	-	-
Argoba Liyu	32.63	76.76	1.69	21.55	-	-	-

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

ONION

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	31658.4	16.87	0.25	64.22	18.66	-	-
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	31658.4	16.87	0.25	64.22	18.66	-	-
Amibara	*	39.23	-	57.25	3.52	-	-
Awash Fentale	*	1	-	74	25	-	-
Argoba Liyu	18.89	76.76	1.69	21.55	-	-	-

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
RURAL HOLDINGS

SWEET POTATOES

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	*	63.25	3.67	33.08	-	-	-
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	*	63.25	3.67	33.08	-	-	-
Amibara	*	33.36	6.66	59.98	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	13.74	100	-	-	-	-	-

TABLE 5.20 - CROP PRODUCTION AND PERCENT OF UTILIZATION

URBAN HOLDINGS

Afar Region

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Total							
Grain Crops	923.1	53.16	15.61	28.95	0.72	0.79	0.77
Cereals	923.1	53.16	15.61	28.95	0.72	0.79	0.77
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	923.1	53.16	15.61	28.95	0.72	0.79	0.77
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	1551.72	10	2.86	81.79	3.57	-	1.79
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	0.03	20	5	20	50	-	5
Tomatoes	1551.69	9.23	2.69	86.54	-	-	1.54
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	714.86	8.9	1.05	84.03	5.24	-	0.79
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	714.81	8.29	0.83	87.85	2.76	-	0.28
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / Godere	-	-	-	-	-	-	-
Sweet potatoes	0.05	20	5	15	50	-	10
Permanent crops	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapple	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 5.20.1 - CROP PRODUCTION AND PERCENT OF UTILIZATION
URBAN HOLDINGS

ZONE 1

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Total							
Grain Crops	907.34	52.8	15.66	29.23	0.73	0.8	0.78
Cereals	907.34	52.8	15.66	29.23	0.73	0.8	0.78
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	907.34	52.8	15.66	29.23	0.73	0.8	0.78
Sorghum	-	-	-	-	-	-	-
Finger millet	-	-	-	-	-	-	-
Oats “Aja”	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-

Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	-	-	-	-	-	-	-
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	-	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	-	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / Godere	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapple	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 5.20.2 - CROP PRODUCTION AND PERCENT OF UTILIZATION

URBAN HOLDINGS

ZONE 3

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Total							
Grain Crops	15.76	90	10	-	-	-	-
Cereals	15.76	90	10	-	-	-	-
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	15.76	90	10	-	-	-	-
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	1551.72	10	2.86	81.79	3.57	-	1.79
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	0.03	20	5	20	50	-	5
Tomatoes	1551.69	9.23	2.69	86.54	-	-	1.54
Green peppers	-	-	-	-	-	-	-
Red peppers	-	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	714.86	8.9	1.05	84.03	5.24	-	0.79
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	714.81	8.29	0.83	87.85	2.76	-	0.28
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / Godere	-	-	-	-	-	-	-
Sweet potatoes	0.05	20	5	15	50	-	10
Permanent crops	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapple	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops	-	-	-	-	-	-	-
Enset	-	-	-	-	-	-	-
Sugar cane							

TABLE 5.21 - CROP PRODUCTION AND PERCENT OF UTILIZATION

URBAN HOLDINGS

GRAIN CROPS

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	923.1	53.16	15.61	28.95	0.72	0.79	0.77
Zone 1 Zone	907.34	52.8	15.66	29.23	0.73	0.8	0.78
Dubti	-	-	-	-	-	-	-
Asayita	907.34	52.8	15.66	29.23	0.73	0.8	0.78
Zone 3 Zone	15.76	90	10	-	-	-	-
Amibara	15	100	-	-	-	-	-
Awash Fentale	*	80	20	-	-	-	-

TABLE 5.21.1 - CROP PRODUCTION AND PERCENT OF UTILIZATION

URBAN HOLDINGS

CEREALS

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	923.1	53.16	15.61	28.95	0.72	0.79	0.77
Zone 1 Zone	907.34	52.8	15.66	29.23	0.73	0.8	0.78
Dubti	-	-	-	-	-	-	-
Asayita	907.34	52.8	15.66	29.23	0.73	0.8	0.78
Zone 3 Zone	15.76	90	10	-	-	-	-
Amibara	15	100	-	-	-	-	-
Awash Fentale	*	80	20	-	-	-	-

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION

URBAN HOLDINGS

MAIZE

Geographic Area	Total Production (Quintal)	Percent Utilized For: Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	923.1	53.16	15.61	28.95	0.72	0.79	0.77
Zone 1 Zone	907.34	52.8	15.66	29.23	0.73	0.8	0.78
Dubti	-	-	-	-	-	-	-
Asayita	907.34	52.8	15.66	29.23	0.73	0.8	0.78
Zone 3 Zone	15.76	90	10	-	-	-	-
Amibara	15	100	-	-	-	-	-
Awash Fentale	*	80	20	-	-	-	-

TABLE 5.22 - CROP PRODUCTION AND PERCENT OF UTILIZATION

URBAN HOLDINGS

VEGETABLES

Geographic Area	Total Production (Quintal)	Percent Utilized For: Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	1551.72	10	2.86	81.79	3.57	-	1.79
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Zone 3 Zone	1551.72	10	2.86	81.79	3.57	-	1.79
Amibara	147.88	14.29	5.71	69.29	7.14	-	3.57
Awash Fentale	*	5.71	-	94.29	-	-	-

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION

URBAN HOLDINGS

ETHIOPIAN CABBAGE

Geographic Area	Total Production (Quintal)	Percent Utilized For: Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	0.03	20	5	20	50	-	5
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Zone 3 Zone	0.03	20	5	20	50	-	5
Amibara	0.03	20	5	20	50	-	5
Awash Fentale	-	-	-	-	-	-	-

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION

URBAN HOLDINGS

TOMATOES

	Total Production	Percent Utilized For: Household			Wages	Animal	

Geographic Area	(Quintal)	Consumption	Seed	Sale	In kind	Feed	Others
Afar Killil	1551.69	9.23	2.69	86.54	-	-	1.54
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Zone 3 Zone	1551.69	9.23	2.69	86.54	-	-	1.54
Amibara	147.85	13.33	5.83	77.5	-	-	3.33
Awash Fentale	*	5.71	-	94.29	-	-	-

TABLE 5.23 - CROP PRODUCTION AND PERCENT OF UTILIZATION

URBAN HOLDINGS

ROOT CROPS

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	714.86	8.9	1.05	84.03	5.24	-	0.79
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Zone 3 Zone	714.86	8.9	1.05	84.03	5.24	-	0.79
Amibara	387.2	13	4	60	20	-	3
Awash Fentale	327.66	7.45	-	92.55	-	-	-

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION

URBAN HOLDINGS

ONION

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	714.81	8.29	0.83	87.85	2.76	-	0.28
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Zone 3 Zone	714.81	8.29	0.83	87.85	2.76	-	0.28
Amibara	387.15	11.25	3.75	71.25	12.5	-	1.25
Awash Fentale	327.66	7.45	-	92.55	-	-	-

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION

URBAN HOLDINGS

SWEET POTATOES

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	0.05	20	5	15	50	-	10
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Zone 3 Zone	0.05	20	5	15	50	-	10
Amibara	0.05	20	5	15	50	-	10
Awash Fentale	-	-	-	-	-	-	-

TABLE 5.25 - CROP PRODUCTION AND PERCENT OF UTILIZATION

ALL HOLDINGS

Type of Crop	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Total							
Grain Crops	77313.28	54.05	15.26	28.35	0.69	0.8	0.85
Cereals	76235.81	53.96	15.3	28.36	0.73	0.8	0.85
Teff	3496.02	63.78	8.35	26.14	0.34	-	1.39
Barley	162.55	79.58	18.39	1.06	-	0.65	0.33
Wheat	196.55	76.94	21.02	1.81	-	-	0.23
Maize	61440.1	53.55	15.44	28.64	0.74	0.81	0.83
Sorghum	10940.59	79.33	6.09	10.23	0.47	1.07	2.81
Finger millet	-	-	-	-	-	-	-
Oats “Aja”	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	329.85	78.23	13.5	8.18	-	-	0.08
Horse beans	*	100	-	-	-	-	-
Field peas	*	80	20	-	-	-	-
Haricot beans	176.64	90.76	7.57	1.67	-	-	-

Chick – peas	142.55	68.43	19.43	11.94	-	-	0.2
Lentils	0.32	7.26	31.9	60.84	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	747.61	64.19	4.48	29.14	2.16	-	0.03
Neug	1.46	82.04	-	17.96	-	-	-
Linseed	*	100	-	-	-	-	-
Groundnuts	*	35	15	50	-	-	-
Safflower	32.83	84.86	3.95	11.19	-	-	-
Sesame	*	59.93	4.05	32.98	3	-	0.04
Rapeseed	-	-	-	-	-	-	-
Vegetables	10424.05	10.95	2.84	80.91	3.51	-	1.8
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	0.03	20	5	20	50	-	5
Tomatoes	10173.63	9.39	2.68	86.37	-	-	1.55
Green peppers	*	33.35	2.15	60.04	-	-	4.46
Red peppers	86.58	96.05	1.84	0.79	-	-	1.32
Swiss chard	-	-	-	-	-	-	-
Root Crops	32510.62	9.03	1.03	83.71	5.45	-	0.77
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	32373.21	8.43	0.82	87.45	3.03	-	0.27
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / Godere	-	-	-	-	-	-	-
Sweet potatoes	*	22.3	4.93	15.96	47.34	-	9.47
Permanent crops	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapple	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 5.25.1 - 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
Total							
Grain Crops	50716.24	52.93	15.57	29.17	0.72	0.81	0.81
Cereals	50548.32	52.93	15.57	29.15	0.73	0.81	0.81
Teff	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-
Maize	49723.89	52.92	15.57	29.16	0.73	0.81	0.8
Sorghum	824.43	82.7	14.38	-	-	-	2.92
Finger millet	-	-	-	-	-	-	-
Oats “Aja”	-	-	-	-	-	-	-

Rice	-	-	-	-	-	-	-
Pulses	-	-	-	-	-	-	-
Horse beans	-	-	-	-	-	-	-
Field peas	-	-	-	-	-	-	-
Haricot beans	-	-	-	-	-	-	-
Chick – peas	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	167.92	8.83	7.71	76.64	6.2	-	0.62
Neug	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-
Groundnuts	*	-	-	-	-	-	-
Safflower	-	-	-	-	-	-	-
Sesame	167.5	8.83	7.71	76.64	6.2	-	0.62
Rapeseed	-	-	-	-	-	-	-
Vegetables	*	-	-	-	-	-	-
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-
Red peppers	*	-	-	-	-	-	-
Swiss chard	-	-	-	-	-	-	-
Root Crops	-	-	-	-	-	-	-
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	-	-	-	-	-	-	-
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / Godere	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-
Permanent crops	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapple	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 5.25.2 - 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
Total							
Grain Crops	26597.04	78.14	8.67	10.89	-	0.54	1.77
Cereals	25687.49	78.88	8.65	9.22	0.65	0.61	2
Teff	3496.02	63.78	8.35	26.14	0.34	-	1.39
Barley	162.55	79.58	18.39	1.06	-	0.65	0.33

Wheat	196.55	76.94	21.02	1.81	-	-	0.23
Maize	11716.21	85.27	8.6	2.42	0.96	0.64	2.1
Sorghum	10116.15	79.19	5.74	10.66	0.49	1.12	2.8
Finger millet	-	-	-	-	-	-	-
Oats “Aja”	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-
Pulses	329.85	78.23	13.5	8.18	-	-	0.08
Horse beans	*	100	-	-	-	-	-
Field peas	*	80	20	-	-	-	-
Haricot beans	176.64	90.76	7.57	1.67	-	-	-
Chick – peas	142.55	68.43	19.43	11.94	-	-	0.2
Lentils	0.32	7.26	31.9	60.84	-	-	-
Vetch	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-
Oilseeds	*	66.95	4.32	26.77	1.96	-	-
Neug	1.46	82.04	-	17.96	-	-	-
Linseed	*	100	-	-	-	-	-
Groundnuts	*	35	15	50	-	-	-
Safflower	32.83	84.86	3.95	11.19	-	-	-
Sesame	*	63.53	3.79	29.9	2.78	-	-
Rapeseed	-	-	-	-	-	-	-
Vegetables	10418.91	10.95	2.84	80.91	3.51	-	1.8
Lettuce	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-
Ethiopian cabbage	0.03	20	5	20	50	-	5
Tomatoes	10173.63	9.39	2.68	86.37	-	-	1.55
Green peppers	*	33.35	2.15	60.04	-	-	4.46
Red peppers	81.44	96.05	1.84	0.79	-	-	1.32
Swiss chard	-	-	-	-	-	-	-
Root Crops	32510.62	9.03	1.03	83.71	5.45	-	0.77
Beetroot	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-
Onion	32373.21	8.43	0.82	87.45	3.03	-	0.27
Potatoes	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-
Taro / Godere	-	-	-	-	-	-	-
Sweet potatoes	*	22.3	4.93	15.96	47.34	-	9.47
Permanent crops	-	-	-	-	-	-	-
Avocados	-	-	-	-	-	-	-
Bananas	-	-	-	-	-	-	-
Guavas	-	-	-	-	-	-	-
Lemons	-	-	-	-	-	-	-
Mangoes	-	-	-	-	-	-	-
Oranges	-	-	-	-	-	-	-
Papayas	-	-	-	-	-	-	-
Pineapple	-	-	-	-	-	-	-
Chat	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
Hops	-	-	-	-	-	-	-
Sugar cane	-	-	-	-	-	-	-

TABLE 5.26 - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

GRAIN CROPS

Geographic Area	Total Production (Quintal)	Percent Utilized For: Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	77313.28	54.05	15.26	28.35	0.69	0.8	0.85
Zone 1 Zone	50716.24	52.93	15.57	29.17	0.72	0.81	0.81
Dubti	3444.07	70.16	7.92	18.61	-	0.13	3.17
Asayita	36079.26	52.81	15.59	29.27	0.72	0.82	0.8
Afambo	11192.91	74.06	12.52	11.09	-	-	2.34
Zone 3 Zone	26597.04	78.14	8.67	10.89	-	0.54	1.77
Amibara	*	87.32	3.92	7.2	-	0.73	0.83
Awash Fentale	8583.09	78.45	13.36	4.73	-	0.07	3.39
Argoba Liyu	15666.66	75.55	8.65	13.62	-	0.61	1.58

TABLE 5.26.1 - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

CEREALS

Geographic Area	Total Production (Quintal)	Percent Utilized For: Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	76235.81	53.96	15.3	28.36	0.73	0.8	0.85
Zone 1 Zone	50548.32	52.93	15.57	29.15	0.73	0.81	0.81
Dubti	3368.98	71.93	7.91	8.71	8.11	0.13	3.21
Asayita	36079.26	52.81	15.59	29.26	0.73	0.82	0.8
Afambo	11100.08	75.52	12.62	9.47	-	-	2.39
Zone 3 Zone	25687.49	78.88	8.65	9.22	0.65	0.61	2
Amibara	*	92.47	3.76	2.01	-	0.82	0.94
Awash Fentale	8549.24	80.21	13.71	0.27	2.25	0.08	3.48
Argoba Liyu	15129.4	74.65	8.43	14.06	0.32	0.71	1.82

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

TEFF

Geographic Area	Total Production (Quintal)	Percent Utilized For: Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	3496.02	63.78	8.35	26.14	0.34	-	1.39
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	3496.02	63.78	8.35	26.14	0.34	-	1.39
Amibara	-	-	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	3496.02	63.78	8.35	26.14	0.34	-	1.39

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

BARLEY

	Total Production	Percent Utilized For: Household			Wages	Animal	

Geographic Area	(Quintal)	Consumption	Seed	Sale	In kind	Feed	Others
Afar Killil	162.55	79.58	18.39	1.06	-	0.65	0.33
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	162.55	79.58	18.39	1.06	-	0.65	0.33
Amibara	-	-	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	162.55	79.58	18.39	1.06	-	0.65	0.33

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

WHEAT

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	196.55	76.94	21.02	1.81	-	-	0.23
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	196.55	76.94	21.02	1.81	-	-	0.23
Amibara	-	-	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	196.55	76.94	21.02	1.81	-	-	0.23

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

MAIZE

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	61440.1	53.55	15.44	28.64	0.74	0.81	0.83
Zone 1 Zone	49723.89	52.92	15.57	29.16	0.73	0.81	0.8
Dubti	3368.98	71.93	7.91	8.71	8.11	0.13	3.21
Asayita	36079.26	52.81	15.59	29.26	0.73	0.82	0.8
Afambo	10275.65	74.82	12.45	10.39	-	-	2.34
Zone 3 Zone	11716.21	85.27	8.6	2.42	0.96	0.64	2.1
Amibara	*	92.47	3.76	2.01	-	0.82	0.94
Awash Fentale	8549.24	80.21	13.71	0.27	2.25	0.08	3.48
Argoba Liyu	1158.12	82.77	7.08	7.18	0.11	1.42	1.44

TABLE E - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

SORGHUM

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	10940.59	79.33	6.09	10.23	0.47	1.07	2.81
Zone 1 Zone	824.43	82.7	14.38	-	-	-	2.92
Dubti	-	-	-	-	-	-	-

Asayita	-	-	-	-	-	-	-
Afambo	824.43	82.7	14.38	-	-	-	2.92
Zone 3 Zone	10116.15	79.19	5.74	10.66	0.49	1.12	2.8
Amibara	-	-	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	10116.15	79.19	5.74	10.66	0.49	1.12	2.8

TABLE 5.26.2 - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

PULSES

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	329.85	78.23	13.5	8.18	-	-	0.08
Zone 1	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	329.85	78.23	13.5	8.18	-	-	0.08
Amibara	*	100	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	328.61	76.7	14.45	8.76	-	-	0.09

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

HORSE BEANS

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	*	100	-	-	-	-	-
Zone 1	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	*	100	-	-	-	-	-
Amibara	-	-	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	*	100	-	-	-	-	-

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

FIELD PEAS

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	*	80	20	-	-	-	-
Zone 1	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	*	80	20	-	-	-	-
Amibara	-	-	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-

Argoba Liyu	*	80	20	-	-	-	-
Afar Killil	*	80	20	-	-	-	-
Zone 1 Zone	-	-	-	-	-	-	-

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

HARICOT BEANS

		Percent Utilized For					
Geographic Area	Total Production (Quintal)	Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	176.64	90.76	7.57	1.67	-	-	-
Zone 1	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	176.64	90.76	7.57	1.67	-	-	-
Amibara	*	100	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	175.39	89.45	8.64	1.91	-	-	-

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

CHICK PEAS

		Percent Utilized For					
Geographic Area	Total Production (Quintal)	Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	142.55	68.43	19.43	11.94	-	-	0.2
Zone 1	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	142.55	68.43	19.43	11.94	-	-	0.2
Amibara	-	-	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	142.55	68.43	19.43	11.94	-	-	0.2
Afar Killil	*	80	20	-	-	-	-
Zone 1 Zone	-	-	-	-	-	-	-

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

HARICOT BEANS

		Percent Utilized For					
Geographic Area	Total Production (Quintal)	Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	0.32	7.26	31.9	60.84	-	-	-
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	0.32	7.26	31.9	60.84	-	-	-
Amibara	-	-	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	0.32	7.26	31.9	60.84	-	-	-

TABLE 5.26.3 - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

OILSEEDS

		Percent Utilized For					
	Total Production	Household			Wages	Animal	

Geographic Area	(Quintal)	Consumption	Seed	Sale	In kind	Feed	Others
Afar Killil	747.61	64.19	4.48	29.14	2.16	-	0.03
Zone 1	167.92	8.83	7.71	76.64	6.2	-	0.62
Dubti	*	24.58	8.24	43.38	21.63	-	2.16
Asayita	-	-	-	-	-	-	-
Afambo	*	2.5	7.5	90	-	-	-
Zone 3	*	66.95	4.32	26.77	1.96	-	-
Amibara	*	36.13	6.3	57.57	-	-	-
Awash Fentale	*	12.5	-	62.5	25	-	-
Argoba Liyu	208.65	86.91	3.99	9.1	-	-	-

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

LINSEED

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	*	100	-	-	-	-	-
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	*	100	-	-	-	-	-
Amibara	-	-	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	*	100	-	-	-	-	-

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

GROUNDNUTS

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	*	35	15	50	-	-	-
Zone 1 Zone	*	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	*	-	-	-	-	-	-
Zone 3 Zone	*	35	15	50	-	-	-
Amibara	*	35	15	50	-	-	-
Awash Fentale	*	-	-	-	-	-	-
Argoba Liyu	-	-	-	-	-	-	-

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

SUN FLOWER

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	32.83	84.86	3.95	11.19	-	-	-
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	32.83	84.86	3.95	11.19	-	-	-

Amibara	-	-	-	-	-	-	-
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	32.83	84.86	3.95	11.19	-	-	-

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

SESAME

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	*	59.93	4.05	32.98	3	-	0.04
Zone 1 Zone	167.5	8.83	7.71	76.64	6.2	-	0.62
Dubti	*	24.58	8.24	43.38	21.63	-	2.16
Asayita	-	-	-	-	-	-	-
Afambo	*	2.5	7.5	90	-	-	-
Zone 3 Zone	*	63.53	3.79	29.9	2.78	-	-
Amibara	*	36.45	3.83	59.72	-	-	-
Awash Fentale	*	12.5	-	62.5	25	-	-
Argoba Liyu	174.14	87.56	4.5	7.94	-	-	-

TABLE 5.27 - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

VEGETABLES

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	10424.05	10.95	2.84	80.91	3.51	-	1.8
Zone 1 Zone	*	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	*	-	-	-	-	-	-
Zone 3 Zone	10418.91	10.95	2.84	80.91	3.51	-	1.8
Amibara	*	14.55	5.66	69.16	7.04	-	3.59
Awash Fentale	*	5.9	-	94.1	-	-	-
Argoba Liyu	107.39	95.54	1.88	0.81	-	-	1.78

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

ETHIOPIAN CABBAGE

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	0.03	20	5	20	50	-	5
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	0.03	20	5	20	50	-	5
Amibara	0.03	20	5	20	50	-	5
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	-	-	-	-	-	-	-

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

TOMATOES

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	10173.63	9.39	2.68	86.37	-	-	1.55
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	10173.63	9.39	2.68	86.37	-	-	1.55
Amibara	*	13.56	5.79	77.29	-	-	3.35
Awash Fentale	*	5.7	-	94.3	-	-	-
Argoba Liyu	*	100	-	-	-	-	-

TABLE C - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

GREEN PEPPERS

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	*	33.35	2.15	60.04	-	-	4.46
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	*	33.35	2.15	60.04	-	-	4.46
Amibara	*	26.59	2.4	67.21	-	-	3.8
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	57.72	90	-	-	-	-	10

TABLE D - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

RED PEPPERS

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	86.58	96.05	1.84	0.79	-	-	1.32
Zone 1 Zone	*	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	*	-	-	-	-	-	-
Zone 3 Zone	81.44	96.05	1.84	0.79	-	-	1.32
Amibara	-	-	-	-	-	-	-
Awash Fentale	*	100	-	-	-	-	-
Argoba Liyu	40.74	95.48	2.11	0.9	-	-	1.51

TABLE 5.28 - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

ROOT CROPS

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	32510.62	9.03	1.03	83.71	5.45	-	0.77
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	32510.62	9.03	1.03	83.71	5.45	-	0.77
Amibara	*	13.2	3.97	59.98	19.87	-	2.98
Awash Fentale	*	7.35	-	92.26	0.39	-	-
Argoba Liyu	32.63	76.76	1.69	21.55	-	-	-

TABLE A - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

ONIONS

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	32373.21	8.43	0.82	87.45	3.03	-	0.27
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	32373.21	8.43	0.82	87.45	3.03	-	0.27
Amibara	*	11.52	3.71	71.12	12.41	-	1.24
Awash Fentale	*	7.35	-	92.26	0.39	-	-
Argoba Liyu	18.89	76.76	1.69	21.55	-	-	-

TABLE B - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

ONION

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	*	22.3	4.93	15.96	47.34	-	9.47
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	*	22.3	4.93	15.96	47.34	-	9.47
Amibara	*	20.4	5.05	16.35	48.49	-	9.7
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	13.74	100	-	-	-	-	-

TABLE F - CROP PRODUCTION AND PERCENT OF UTILIZATION
ALL HOLDINGS

SWEET POTATOES

Geographic Area	Total Production (Quintal)	Percent Utilized For					
		Household Consumption	Seed	Sale	Wages In kind	Animal Feed	Others
Afar Killil	*	22.3	4.93	15.96	47.34	-	9.47
Zone 1 Zone	-	-	-	-	-	-	-
Dubti	-	-	-	-	-	-	-
Asayita	-	-	-	-	-	-	-
Afambo	-	-	-	-	-	-	-
Zone 3 Zone	*	22.3	4.93	15.96	47.34	-	9.47
Amibara	*	20.4	5.05	16.35	48.49	-	9.7
Awash Fentale	-	-	-	-	-	-	-
Argoba Liyu	13.74	100	-	-	-	-	-

Annex Table 5.1

Estimate of Area, Production and their Standard Errors and Coefficients of Variation for Temporary Crops

All Holdings

GAMBELA REGION

Crop	Holders	S.E.	C.V.	Area	S.E.	C.V	Production	S.E.	C.V.
Total	10450	707	7	10392.88	597	6	120247.9	19114	16
Grain Crops	10020	670	7	9811.41	545	6	77313.28	4869	6
Cereals	9879	669	7	9514.25	537	6	76235.81	4847	6
Teff	1958	51	3	816.96	42	5	3496.02	190	5
Barley	356	32	9	22.31	3	12	162.55	21	13
Wheat	400	32	8	56.73	7	12	196.55	24	12
Maize	9071	670	7	7193.21	532	7	61440.1	4795	8
Sorghum	2304	78	3	1405.68	64	5	10940.59	527	5
Finger millet	19	13	69	19.36	15	80	-	-	-
Oats / 'Aja'	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-

Pulses	902	60	7	154.9	14	9	329.85	45	14
Horse beans	28	12	41	1.99	1	48	3.19	2	60
Field peas	10	8	81	5.11	4	81	7.16	6	81
Haricot beans	609	56	9	61.83	8	12	176.64	39	22
Chick-peas	422	36	8	82.78	9	11	142.55	19	14
Lentils	66	19	28	3.17	1	34	0.32	0	34
Vetch	-	-	-	-	-	-	-	-	-
Soya beans	-	-	-	-	-	-	-	-	-
Fenugreek	6	6	91	0.01	0	100	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oilseeds	847	121	14	142.26	62	44	747.61	362	48
Neug	39	12	30	0.74	0	36	1.46	1	41
Linseed	29	13	45	6.7	4	62	0.22	0	59
Groundnuts	122	77	63	6.61	6	95	10.45	7	71
Safflower	208	29	14	10.76	2	20	32.83	7	22
Sesame	592	101	17	117.45	62	52	702.65	362	52
Rapeseed	-	-	-	-	-	-	-	-	-
Vegetables	891	180	20	237.88	80	33	10424.05	4908	47
Lettuce	-	-	-	-	-	-	-	-	-
Head cabbage	13	9	69	0.67	0	69	-	-	-
Ethiopian cabbage	98	45	46	1.41	1	51	0.03	-	-
Tomatoes	467	170	36	215.88	76	35	10173.63	4888	48
Green peppers	143	49	34	2.42	1	42	163.8	92	56
Red peppers	346	49	14	17.5	9	51	86.58	35	41
Swiss chard	-	-	-	-	-	-	-	-	-
Root crops	546	131	24	343.59	122	36	32510.62	15507	48
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onion	442	127	29	339.57	122	36	32373.21	15509	48
Potatoes	4	3	79	-	-	79	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Taro / 'Godere'	-	-	-	-	-	-	-	-	-
Sweet potatoes	113	44	39	4.01	2	53	137.41	140	102

Annex Table 5.2

Estimates of Holders, Area, Production and their Standard Errors and Coefficients of Variations for Permanent crops

All Holdings

GAMBELA REGION

Crop	Holders	S.E.	C.V.	Area	S.E	C.V	Production	S.E.	C.V.
Avocados	-	-	-	-	-	-	-	-	-
Bananas	1071	809	76	156	138	88	-	-	-
Guavas	37	24	66	1	1	71	-	-	-
Lemons	186	101	55	5	2	47	-	-	-

Mangoes	-	-	-	-	-	-	-	-	-
Oranges	17	16	96	-	-	119	-	-	-
Papayas	220	68	31	1	-	43	-	-	-
Pineapples	-	-	-	-	-	-	-	-	-
Chat	12	8	65	3	3	93	-	-	-
Coffee	30	10	34	1	-	39	-	-	-
Hops	127	23	18	4	2	42	-	-	-
Sugar cane	229	68	30	3	1	44	-	-	-