

CHAPTER VI

FARM MANAGEMENT PRACTICES

1. INTRODUCTION

Agriculture and allied activities have been described as the main sources of much of the raw materials, investment capital, foreign exchange and labor needed for the economic growth. In this regard, improving the performance of the agriculture sector is of critical importance for fast development of the country's economy.

However, agriculture in Ethiopia is characterized by its low productivity. The reason for this is the use of limited modern agricultural techniques and traditional practices as well as the declining soil fertility due to continuous cropping. Among traditional practices used to increase the crop productivity, the most widely used practice has been maintaining soil fertility through long fallow periods and use of dung and crop residue. These gradually become impossible due to the prevailing rapid and uncontrolled population growth, which led to reduction of the fallow lands and fuel wood deficit in the country. The other practice to increase crop production was based on expanding cultivable cropland. However, this scheme has been in practice for a long time and as a result most of the highlands suitable for cropping has already been exhausted.

As a result, increasing productivity on various field crops is the only realistic option to raise the living standards of the rural population, and to ensure food security and poverty alleviation. There are many modern techniques and technologies of achieving enhanced crop productivity. Accordingly, the major factors behind achieving high level of crop productivity increases are greater and more efficient use of fertilizers, wide spread uses of improved variety seeds, pesticides, expanded use of irrigation and effective extension services. Thus, during the 2001/02 Agricultural Sample Enumeration, basic data on agricultural inputs and practices were collected, processed and the results are presented in this chapter.

In general, this chapter deals with the agricultural census data that indicates the type of inputs applied, quantity of inputs applied, the irrigated cropland area, estimates of cropland area damage, number of holders who applied different agricultural inputs and farm management practices, and number of holders covered by extension package programs in Benishangul-Gumuz Region. Data are presented for private holdings in rural areas for both Meher and Belg seasons, and urban areas of holdings for Meher season. For urban areas, data are collected and presented only to the inputs applied and the irrigated cropland area and number of holders who applied

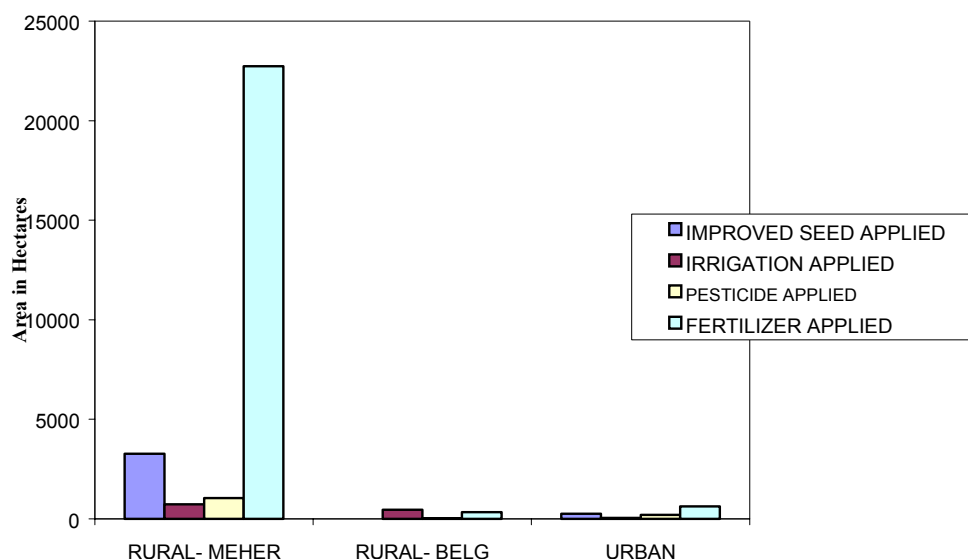
farm inputs. With the exception of urban areas in Kemashi Zone, data are presented for all zones and weredas of Benishangul-Gumuz Region in Statistical Tables 6.1 – 6.65. Also, Estimates, Standard Errors (S.E.) and Coefficients of Variation (C.V.) are given in Annex Tables 6.1 and 6.2 for some relevant variables.

2. CROPLAND AREA UNDER AGRICULTURAL INPUTS AND FARM MANAGEMENT PRACTICES

This section deals with the agricultural inputs applied and the irrigated cropland area for both rural and urban areas of Benishangul-Gumuz Region. Agricultural holders in the sampled households were asked whether they have applied agricultural inputs on their fields or not and the area of all plots operated by the holders were actually measured objectively for private holdings in rural areas. While in urban areas all types of data on farm practices were obtained by interview methods. This helped to estimate area under total crop, irrigated land, fertilizers, pesticides and improved seeds used during the agricultural year. Following data on area under agricultural farm inputs for Benishangul-Gumuz Region are briefly discussed.

The census data show that Benishangul Gumuz Region predominantly produces grain crops and the major crops either in terms of the magnitude of area and volume of production includes sorghum, maize and finger millet, that accounted for about 64% of the area cultivated under all crops (Summary Table VI.2). On the other hand, vegetables, root crops and permanent crops are not widely grown as grains in the region in terms of both area coverage and production obtained. As a result, the agricultural inputs were applied to a great extent on the area under grain crops in order to increase the volume of production. Among different types of agricultural inputs that were applied, it is found that fertilizers application had relatively high coverage of area under crops. Moreover, the census data indicate that vast majority of agricultural holders have used agricultural inputs on small size of holdings. In general, the holders in the region as a whole have practiced modern agricultural techniques and technologies but in a much smaller extent.

Fig VI.1 Area under Improved Farm Management Practices in Rural and Urban Areas, for Private Holdings



2.1 Fertilized Cropland Areas

Fertilizers refer to anything added to the soil with the intention of increasing the amount of plant nutrients available for crop growth. In the census, data on application, type and quantity of natural and chemical fertilizers were collected. The Natural fertilizers consisted of animal dung and compost while chemical fertilizers consisted of DAP (Di-Ammonium phosphate) and UREA (Ammonium Nitrate).

Although fertilizers are one of the very important agricultural inputs to increase the level of production, in Benishangul-Gumuz Region, fertilizers were applied on only 24 thousand hectares (16% of the total cultivated cropland area). Of this total area fertilized cropland, the share of rural and urban areas was found to be 97% and 3%, respectively. Moreover, the proportion of total fertilized cropland areas in rural areas for Meher season was 22,730 hectares (96%) as compared to only 331 hectares (1%) for Belg season. Regarding private holdings in urban areas, data are collected and presented only for Meher season. For details, refer to Summary Table VI.1 and Fig VI.1.

Furthermore, out of the total fertilized cropland areas, 78% were under cereals, 7% under pulses, 8% under oil seeds, 4% under vegetables and root crops, and 3% under permanent crops. Most of the fertilized cropland areas in the region were allotted to cereals in both rural and urban areas (See Summary Table VI.1)

With regard to a specific crop, maize is the most important fertilized crop that comprised an area of 37% of the total cropland area under fertilizers. The second important fertilized crop is sorghum covering 16% of the total cropland area under fertilizers. Teff ranks third taking up 14% of the total cropland area under fertilizers. For details, refer to Summary Table VI.2

The result of the census data indicate that Metekel Zone has relatively the highest share from the total cropland areas with application of fertilizers (50%). It is also seen that the percent of cropland areas under fertilizers was 34 and 16 percent for Asosa Zone and Kemashi Zone, respectively. Moreover, the application of fertilizers in Meher season constituted relatively higher proportion for all the zones as compared to Belg season. (For details, refer to Summary Table VI.3).

2.2 Cropland Areas Treated with Pesticides

Pesticides are chemicals that are used for the control of mitigation or elimination of pests that are detrimental to crops. Examples of pesticides are insecticides, herbicides and fungicides. Summary Table VI.1 reveals that the total cropland area treated with pesticides was estimated to be 1.3 thousand hectares. This indicates that less than one percent of the total cultivated cropland areas were treated with pesticides. Of the total cropland areas treated with pesticides, the share of rural and urban areas was found to be 85% and 15%, respectively. Thus, private holdings in rural areas had the highest share, while the contribution of the urban areas to the total pesticide applied cropland area was limited in scale. Moreover, the total pesticides applied cropland areas in rural areas of the region for Meher season was 82 percent as compared to only 2 percent for the Belg season.

Furthermore, most of the pesticide applied land areas in the region were under cereal crops (about 93%), whereas only 7% of the fields under pulses, oilseeds, vegetables, root crops, and permanent crops were treated with pesticides. Out of all cropland areas on which pesticides are applied, finger millet accounts for about 648 hectares followed by Teff and maize, accounting for about 217 and 173 hectares, respectively. For Details, see Summary Tables VI.1 and VI.2.

As it is presented in Summary Table VI.3, the total cropland area with application of pesticides was the highest in Metekel Zone (80%) followed by Asosa Zone (19%). The percent of cropland area under pesticides for Kemashi Zone is negligible.

2.3 Cropland Areas on which Improved Seeds are Used

Improved seeds are defined as crop varieties that give significantly higher yield and better quality compared to locally produced varieties of seeds. As illustrated in Summary Table VI.1, the total cultivated cropland area was estimated at 147 thousand hectares. Of this total, only 3.6 thousand hectares (2.4%) was sown with improved variety of seeds. The share of rural and urban areas was found to be 93 percent and 7 percent of the total cropland areas on which improved seeds are used, respectively. Like other inputs, the private holdings in the rural areas during Meher season had the highest share; while the contribution of the private holdings in urban areas to the total improved seeds applied cropland area in the region was limited in scale. The share of Belg season to the total improved seed applied cropland area is also negligible (For details, refer to Fig VI.1)

Summary Table VI.1 also presents the total cropland area with application of improved agricultural practices and inputs by crop category for private holdings in rural and urban areas. The data in this table indicate that 87%, 6% and 3 % of the total area under improved seeds was reported to be under cereals, pulses and oil seeds, respectively. While the remaining three percent of the land area on which improved seeds are applied was covered by coffee. In both the rural and urban areas of private holdings, land areas under cereals constituted the highest proportion of improved seeds as compared to other crops.

As can be seen in Summary Table VI.3, the total cropland area under improved seeds shows variation among the zones. Thus, Metekel Zone (48%) constituted the highest share from the total cropland area under improved seeds. It is also observed that the percent of cropland area under improved seeds in Asosa Zone and Kemashi Zone were 29 and 23 percent, respectively.

2.4 Cropland Areas Under Irrigation

Irrigated cropland areas refer to the practice where an area of land is purposely and actually provided with water, other than the precipitation obtained from rain to improve the production of crops. The uncontrolled flooding of land by the overflow of rivers or streams is not considered to be as practice of irrigation.

The census data show that the cropland areas that are actually irrigated was only 1.2 thousand hectares and this accounted for about one percent of the total cropland areas. Of the total irrigated cropland areas, the share of the rural and urban areas was found to be 96% and 4%,

respectively. Thus, there is large difference in the size of the total irrigated cropland area between rural and urban area. Moreover, of the total irrigated cropland areas in rural areas, the Meher season constituted 59 percent compared to 37 percent for Belg season.

As indicated in Summary Table VI.1, out of the total irrigated cropland areas in the region 32% were under cereals, 5.7% under pulses, 3.0% under vegetables, 6.8% under root crops, 9.7% under fruits, 39.9% under stimulant and 2.2% under other permanent crops. In other words, the proportions under irrigation for cereals and stimulant crops were the highest accountings for about 32% and 40% of the total irrigated cropland in rural areas, respectively. On the other hand, in urban areas, the total irrigated area under permanent crops (28 hectares) was relatively higher as compared to grains. With regard to specific crops, coffee with 445 hectares and maize at 357 hectares reported the largest hectares of irrigated cropland areas (For details, refer to Summary Tables VI.1 and VI.2).

The census data in Summary Table VI.3 indicate that irrigated cropland area was relatively highest in Metekel Zone (56%). The irrigated cropland area in Asosa Zone and Kemashi Zone were 38 and 6 percent in the region, respectively.

SUMMARY TABLE VI.1: Total Area Under Improved Farm Management Practices
by Crop Categories in Rural and Urban Areas, Both Seasons, for Private Holdings.

ITEM	Area in Hectares									
	Total	Grains				Vegetables	Root Crops	Permanent Crops		
		Cereals	Pulses	Oilseeds	Others			Fruits	Stimulant	Other
Total Area										
Rural and Urban ..	147368	107884	6968	26861	394	1587	1171	1171	1256	74
Rural	141717	104321	6789	25244	385	1485	1152	1058	1212	69
Meher.....	140812	103942	6684	25244	379	1448	775	1058	1212	69
Belg.....	905	379	105	-	*	37	377	-	-	-
Urban (Meher).....	5651	3563	179	1617	*	102	19	113	44	5
Improved Seeds										
Rural and Urban ..	3554	3082	197	116	-	8	*	8	108	-
Percent..	100.00	86.72	5.54	3.26	-	0.23	*	0.23	3.04	-
Rural	3302	2860	185	116	-	4	*	7	98	-
Percent..	92.91	86.61	5.60	3.51	-	0.12	*	0.21	2.97	-
Meher.....	3265	2856	185	116	*	1	*	7	98	*
Percent..	91.87	87.47	5.67	3.55	*	0.03	*	0.21	3.00	*
Belg.....	*	*	*	-	-	*	-	-	-	-
Percent..	*	*	*	-	-	-	-	-	-	-
Urban (Meher).....	253	223	12	-	-	*	*	*	11	-
Percent..	7.12	88.14	4.74	-	-	*	*	*	4.35	-
Irrigation										
Rural and Urban ..	1226	392	70	3	*	37	83	119	489	27
Percent..	100.00	31.97	5.71	0.24	*	3.02	6.77	9.71	39.89	2.20
Rural	1183	381	70	3	*	36	83	111	468	26

Percent..	96.49	32.21	5.92	0.25	*	3.04	7.02	9.38	39.56	2.20
Meher.....	726	96	*	3	*	9	9	111	468	26
Percent..	59.22	13.22	*	0.41	*	1.24	1.24	15.29	64.46	3.58
Belg.....	457	285	67	*	*	27	74	-	-	-
Percent..	37.28	62.36	14.66	*	*	5.91	16.19	-	-	-
Urban (Meher)....	43	11	-	-	-	1	-	8	21	1
Percent..	3.51	25.58	-	-	-	2.33	-	18.60	48.84	2.33
Fertilizer										
Rural and Urban ..	23687	18456	1655	1909	37	539	429	304	326	30
Percent..	100.00	77.92	6.99	8.06	0.16	2.28	1.81	1.28	1.38	0.13
Rural	23061	17971	1570	1905	37	532	413	295	307	30
Percent..	97.36	77.93	6.81	8.26	0.16	2.31	1.79	1.28	1.33	0.13
Meher.....	22730	17851	1549	1905	37	515	241	295	307	30
Percent..	95.96	78.53	6.81	8.38	0.16	2.27	1.06	1.30	1.35	0.13
Belg.....	331	120	21	*	*	17	172	-	-	-
Percent..	1.40	36.25	6.34	*	*	5.14	51.96	-	-	-
Urban (Meher)....	626	485	*	*	-	7	16	9	19	-
Percent..	2.64	77.48	*	*	-	1.12	2.56	1.44	3.04	-
Pesticides										
Rural and Urban ..	1269	1184	10	61	-	6	*	2	*	-
Percent..	100.00	93.30	0.79	4.81	-	0.47	*	0.16	*	-
Rural	1074	1001	10	50	-	6	*	1	*	-
Percent..	84.63	93.20	0.93	4.66	-	0.56	*	0.09	*	-
Meher.....	1044	974	*	50	-	5	*	1	*	-
Percent..	82.27	93.30	*	4.79	-	0.48	*	0.10	*	-
Belg.....	30	27	*	-	-	2	*	-	-	-
Percent..	2.36	90.00	*	-	-	6.67	*	-	-	-
Urban (Meher)....	195	183	-	11	-	-	-	*	-	-
Percent..	15.37	93.85	-	5.64	-	-	-	*	-	-

**SUMMARY TABLE VI.2: Total Area Under Improved Seed, Irrigation, Fertilizer, and Pesticide
by Type of Crops in Rural and Urban Areas, for Private Holdings**

TYPE OF CROP	Total Crop	Improved Seed		Irrigation		Fertilizer		Pesticide	
	Hectares	Hectares	%	Hectares	%	Hectares	%	Hectares	%
TOTAL	147367	3554	2.41	1225	0.83	23687	16.07	1269	0.86
Grain Crops	142109	3397	2.39	470	0.33	22059	15.52	1256	0.88
Cereals	107884	3082	2.86	391	0.36	18456	17.11	1184	1.1
Teff	10994	*	*	*	*	3325	30.24	217	1.97
Barley	1086	*	*	-	-	361	33.24	-	-
Wheat	898	*	*	-	-	419	46.66	*	*
Maize	21531	2737	12.71	357	1.66	8709	40.45	173	0.8
Sorghum	53842	139	0.26	*	*	3799	7.06	135	0.25
Finger millet	18361	156	0.85	*	*	1761	9.59	648	3.53
Oats ('Aja')	28	-	-	-	-	9	32.14	-	-
Rice	1145	23	2.01	*	*	73	6.38	*	*
Pulses	6969	197	2.83	70	1	1656	23.76	*	*
Horse beans	586	*	*	*	*	241	41.13	*	*
Field peas	736	*	*	-	-	262	35.6	-	-
Haricot beans	3955	43	1.09	67	1.69	370	9.36	1	0.03
Chick peas	377	*	*	*	*	49	13	*	*
Lentils	42	-	-	*	*	17	40.48	-	-
Vetch	20	-	-	-	-	2	10	-	-
Soya	1212	149	12.29	*	*	704	58.09	*	*
Fenugreek	*	-	-	*	*	*	*	-	-
Gibto	36	-	-	-	-	*	*	-	-
Oil Seeds	26861	116	0.43	4	0.01	1910	7.11	61	0.23
Neug	13886	*	*	*	*	852	6.14	44	0.32
Linseed	201	-	-	*	*	23	11.44	*	*
Ground nuts	2724	*	*	*	*	44	1.62	*	*
Sufflower	95	*	*	-	-	*	*	-	-
Sesame	9853	77	0.78	*	*	924	9.38	*	*
Rapeseed	101	*	*	*	*	62	61.39	*	*
Other Grains	395	*	*	*	*	37	9.37	-	-
Vegetables	1587	8	0.5	37	2.33	539	33.96	7	0.44
Lettuce	*	-	-	*	*	*	*	*	*
Head cabbage	2	*	*	*	*	1	50	-	-
Kale	*	*	*	10	*	12	*	*	*
Tomatoes	24	2	8.33	12	50	8	33.33	*	*
Green peppers	27	*	*	3	11.11	14	51.85	-	-
Red peppers	921	*	*	10	1.09	336	36.48	4	0.43
Swiss chard	*	*	*	*	*	*	*	-	-
Others	565	*	*	*	*	166	29.38	*	*
Root Crops	1171	*	*	83	7.09	430	36.72	*	*
Beet root	*	*	*	*	*	*	*	-	-
Carrot	2	*	*	*	*	1	50	-	-
Onions	33	1	3.03	15	45.45	17	51.52	*	*
Potatoes	479	*	*	57	11.9	224	46.76	-	-
Garlic	24	*	*	4	16.67	14	58.33	-	-
Taro	9	-	-	*	*	5	55.56	-	-
Sweet potatoes	249	-	-	*	*	90	36.14	-	-
Others	374	*	*	*	*	79	21.12	*	*
Permanent Crops	2501	117	4.68	636	25.43	660	26.39	5	0.2
Fruit Crops	1171	8	0.68	119	10.16	304	25.96	2	0.17
Avocado	8	*	*	*	*	*	*	-	-
Bananas	408	2	0.49	84	20.59	94	23.04	*	*
Guava	17	*	*	*	*	5	29.41	-	-
Lemons	30	*	*	*	*	9	30	*	*
Mangoes	558	4	0.72	20	3.58	127	22.76	1	0.18
Oranges	26	*	*	3	11.54	9	34.62	*	*
Papayas	113	*	*	4	3.54	53	46.9	-	-
Pineapples	*	-	-	*	*	*	*	-	-
Others	11	*	*	*	*	5	45.45	-	-
Stimulant Crops	1256	108	8.6	489	38.93	326	25.96	*	*
Chat	125	-	-	32	25.6	37	29.6	*	*
Coffee	1066	108	10.13	445	41.74	257	24.11	*	*
Hops	66	-	-	12	18.18	32	48.48	*	*
Others	*	-	-	-	-	*	*	-	-
Other Permanent	73	*	*	27	36.99	30	41.1	-	-
Enset	4	*	*	*	*	2	50	-	-
Sugar Cane	55	*	*	27	49.09	24	43.64	-	-
Others	14	-	-	*	*	3	21.43	-	-

SUMMARY TABLE VI.3: Area Under Agricultural Inputs and Irrigation Practices by Season and Zones in Rural and Urban Areas, for Private Holdings

Practices	Area under Agricultural Inputs and Irrigation in Hectares							
	Rural and Urban	Percent	Rural Meher	Rural Belg	Rural	Percent	Urban Meher	Percent
Benshangul-Gumuz								
Irrigation.....	1226	100	726	457	1183	100	43	100
Improved Seeds.....	3555	100	3265	*	3303	100	252	100
Pesticides.....	1269	100	1044	30	1074	100	195	100
Fertilizers	23687	100	22730	331	23061	100	626	100
Metekel Zone								
Irrigation.....	682	55.63	518	135	653	55.20	29	67.44
Improved Seeds.....	1717	48.30	1447	*	1481	44.84	236	93.65
Pesticides.....	1009	79.51	839	1	840	78.21	169	86.67
Fertilizers	11867	50.10	11076	221	11297	48.99	570	91.05
Asosa Zone								
Irrigation.....	465	37.93	174	277	451	38.12	14	32.56
Improved Seeds.....	1015	28.55	996	*	999	30.25	16	6.35
Pesticides.....	240	18.91	188	25	213	19.83	27	13.85
Fertilizers	7930	33.48	7770	104	7874	34.14	56	8.95
Kemashi Zone								
Irrigation.....	77	6.28	33	44	77	6.51		
Improved Seeds.....	823	23.15	821	-	823	24.92		
Pesticides.....	21	1.65	17	4	21	1.96		
Fertilizers	3890	16.42	3884	6	3890	16.87		

3. HOLDERS APPLYING FERTILIZERS, AREA, AND QUANTITY OF FERTILIZERS APPLIED

In 2001/02 Agricultural Sample Enumeration, the total number of holders applying fertilizers in Benishangul-Gumuz Regional State, is estimated to be about 59 thousands. Of these total private holders, about 58 thousand holders (98%) were in rural and about 2% in urban areas. The application of fertilizers in Meher and Belg seasons for private holdings in rural areas shows a great variation, that is, 97% of the holders applied fertilizers in Meher season while only 9 percent applied in Belg season (See Summary Tables VI.4 and VI.5).

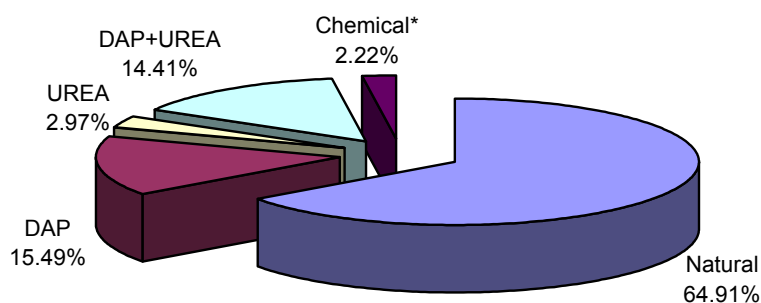
With regard to the type of fertilizers applied, the great majority of holder's applied natural fertilizers (54 thousands). When we come to the utilization of commercial fertilizers, about 7 thousand of the holders applied mixture of DAP and UREA followed by only DAP (5 thousands) and only UREA (3 thousands). However, the application of chemical fertilizers for Belg season was not reported in census enumeration. In urban areas for private holdings, a total of 997 holders applied natural and chemical fertilizers.

Among the types of fertilizers used, natural fertilizers were applied in larger cultivated cropland area, which is about 15 thousand hectares (that is, 65% of the fertilized cropland area). Next to natural fertilizers, considerable amount of cropland area was also covered by DAP which is 3.7 thousand hectares (15.5%) and a mixture of DAP and UREA was applied on 3.4 thousand hectares (14.4%) (For details, refer to Fig VI.2 and Summary Table VI.4).

Furthermore, the data in Summary Table VI.4 indicates that the total quantity of chemical fertilizers applied by holders in the rural areas was estimated at about 6.5 thousand quintals, of which, the share of the DAP and UREA mixture was the highest accounting for about 66 percent of the total quantity of chemical fertilizers applied. This is followed by DAP accounting for about 30 percent (For details, refer to Fig VI.3 and Summary Table VI.4).

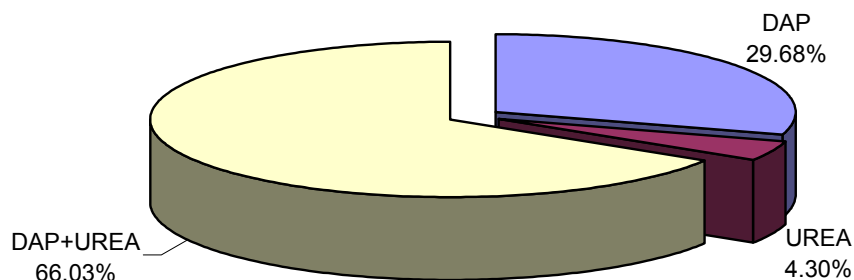
Total amount of fertilizers applied by zone is presented in Summary Table VI.8. The data in the table shows that the highest quantity of chemical fertilizers application was reported in Metekel Zone accounted for about 63%. The application in Kemashi Zone and Assosa Zone were 21 and 16 percent, respectively.

Fig Vi.2 Fertilizers Applied on Cropland Area by Type in Rural and Urban Areas, for Private Holdings



* Cropland area under chemical fertilizers by percent of the total fertilized cropland is only for urban areas

Fig.VI.3 Quantity of Fertilizers Applied by Type in Rural Areas, for Private Holdings.



3.1 Application of Natural Fertilizers in the Rural and Urban Areas

According to the census findings, about 54 thousand holders in rural areas and 427 holders in urban areas applied natural fertilizers on 15 thousand hectares of cropland (comprising 65% of the total fertilized land area). Of the total cropland area on which natural fertilizers are applied, the share of Meher and Belg seasons in rural areas was 63 and one percent, respectively. Moreover, of the total land area on which natural fertilizers are applied 74% was under cereals, 6% under pulses, and 11% under oilseeds, 3% under vegetables, 3% under root crops and 4% under permanent crops. For details, refer to Summary Tables VI.4 to VI.6.

3.2 Application of DAP in the Rural Areas

As illustrated in Summary Table VI.4, about 5 thousand holders in rural areas have applied DAP on about 4 thousand hectares, which is about 16% of the total fertilized land area. The application of DAP varied markedly from one group of crops to another, i.e., 79% of the total DAP was applied for cereals, 17% for pulses, 3% for oil seeds, and the remaining 1 percent is for other crops. Variations with respect to specific crops are also considerable, i.e., relatively higher for Teff at 1.7 thousand hectares and finger millet at 809 hectares (For details, refer to Summary Tables VI.4 and VI.5).

Furthermore, the total quantity of DAP applied in rural areas is estimated to be about two thousand quintals, which is 30% of the total quantity of chemical fertilizers applied. In general, the quantity of DAP applied was the highest for cereals which was about 1.3 thousand quintals followed by pulses that amounted to 584 quintals.

3.3 Application of UREA in the Rural Areas

Although chemical fertilizers have been widely promoted, only 3 thousand holders in rural areas applied UREA, and the cropland areas applied occupy 704 hectares, which is 3% of the total fertilizers applied. Out of the total area on which UREA was applied, it is reported that 71 % was under cereals and 8% was under vegetables. These values indicate that UREA was applied in a very small proportion of area under other group of crops as compared to cereals and vegetables. Among all crops, the largest UREA applied area was under finger millet at 143 hectares and Teff at 123 hectares. Moreover, the data in the table shows that the total quantity of UREA applied was about 277 quintals in which the highest amount was applied for cereals at 211 quintals followed by vegetables at 25 quintals (For details, refer to Summary Tables VI.4 and VI.5)

3.4 Application of a Mixture of DAP and UREA in the Rural Areas

The census findings depicts the fact that quite significant number of holders have applied a mixture of DAP and UREA on their crop fields. As presented in Summary Table VI.4 there were about 7 thousand holders in rural areas who applied a mixture of DAP and UREA on 3.4 thousand hectares, which is 14% of the total area on which fertilizers were applied. The application of a mixture of DAP and UREA to cereals was on 3 thousand hectares. It was observed that the application of a mixture of UREA and DAP is low in other crops relative to cereals. For instance, the application of a mixture of DAP and UREA for pulses, oilseeds, vegetables, root crops and fruit crops were only 44, 72, 29, 18 and 26 hectares, respectively.

In addition, out of the total quantity of chemical fertilizers applied, the amount of a mixture of DAP and UREA was 4 thousand quintals, which is 66% of the total quantity of chemical fertilizers. The application of a mixture of DAP and UREA to cereals, oilseeds and vegetables amounted to about 4 thousand, 71 and 13 quintals, in that order. Of the total quantity of mixed chemical fertilizers are applied, maize took the highest proportion accounting for about 85% (3.6 thousand quintals). For details, refer to Summary Tables VI.4 and VI.5.

**SUMMARY TABLE VI.4: Number of Holders Applying Fertilizers, Area Under Fertilizers
and Quantity of Fertilizers Applied by Type in Rural and Urban Areas, for Private Holdings**

Type of Fertilizer	Number of Holders Applying Fertilizer by Type									
	Total	Grains				Vegetables	Root Crops	Permanent Crops		
		Cereals	Pulses	Oilseeds	Others			Fruits	Stimulant	Other
Rural and Urban	59029	50198	11773	9409	2692	18594	14185	18437	131179	266
Percent..	100.00									
Natural	53995	44186	10337	8740	2542	16635	13788	17866	13061	2162
Chemical (Urban)	670	453	171	3	-	7	52	8	14	-
DAP	5018	3844	1003	327	*	385	175	69	*	61
UREA	2952	1222	*	204	*	1589	168	267	*	*
DAP+UREA	6765	6409	334	188	*	606	304	483	127	-
Urban	997	693	191	*	-	39	75	102	77	*
Percent..	1.69									
Natural	427	291	24	*	-	32	28	102	66	*
Chemical	670	453	*	*	-	*	52	8	*	-
Rural Meher	57398	48932	10525	9316	2660	17740	12078	18335	13102	2263
Percent..	97.24									
Natural	52648	43132	9236	8650	2511	15608	11643	17764	12995	2160
DAP	5018	3844	1003	327	*	385	175	69	*	61
UREA	2952	1222	*	204	*	1589	168	267	*	*
DAP+UREA	6765	6409	334	188	*	606	304	483	127	-
Rural Belg										
Natural	5255	2356	1156	*	*	1636	3294	-	-	-
Percent..	8.90									
Area in Hectares										
Rural and Urban	23689	18456	1655	1910	36	538	430	305	326	30
Percent..	100.00	77.91	6.99	8.06	0.15	2.27	1.82	1.29	1.38	0.13
Natural	15379	11399	885	1620	35	435	382	271	318	29
Percent..	64.92	74.12	5.75	10.53	0.23	2.83	2.48	1.76	2.07	0.19
Chemical	8310	7057	770	290	1	103	48	34	8	1
Percent..	35.08	84.92	9.27	3.49	0.01	1.24	0.58	0.41	0.10	0.01
Urban	625	485	*	*	-	6	17	9	19	-
Percent..	2.64	77.60	*	*	-	0.96	2.72	1.44	3.04	-
Natural	100	60	6	*	-	4	*	5	16	-
Percent..	0.42	60.00	6.00	*	-	4.00	*	5.00	16.00	-
Chemical (Urban)	525	425	*	-	-	*	13	*	*	-
Percent..	2.22	80.95	*	-	-	*	2.48	*	*	-
Rural Meher	22729	17851	1549	1906	36	515	241	296	307	30
Percent..	95.95	78.54	6.82	8.39	0.16	2.27	1.06	1.30	1.35	0.13
Natural	14944	11219	858	1616	35	414	206	266	302	29
Percent..	63.08	75.07	5.74	10.81	0.23	2.77	1.38	1.78	2.02	0.19
Chemical	7785	6632	691	290	1	101	35	30	5	1
Percent..	32.86	85.19	8.88	3.73	0.01	1.30	0.45	0.39	0.06	0.01
DAP	3668	2913	625	99	*	18	9	1	*	-
Percent..	15.48	79.42	17.04	2.70	*	0.49	0.25	0.03	*	-
UREA	704	496	*	*	*	54	*	3	*	*
Percent..	2.97	70.45	*	*	*	7.67	*	0.43	*	*
DAP+UREA	3413	3223	44	72	*	29	18	26	*	-
Percent..	14.41	94.43	1.29	2.11	*	0.85	0.53	0.76	*	-
Rural Belg										
Natural	335	120	21	*	*	17	172	-	-	-
Percent..	1.41	36.25	6.34	*	*	5.14	51.96	-	-	-
Quantity in Quintals										
Rural Meher	6449	5630	624	122	-	45	16	7	4	1
Percent..	100.00	87.30	9.68	1.89	-	0.70	0.25	0.11	0.06	0.02
DAP	1914	1278	584	37	*	7	4	*	*	-
Percent..	29.68	66.77	30.51	1.93	*	0.37	0.21	*	*	-
UREA	277	211	*	14	*	25	*	6	*	*
Percent..	4.30	76.17	*	5.05	*	9.03	*	2.17	*	*
DAP+UREA	4258	4141	*	71	*	13	*	*	*	-
Percent..	66.03	97.25	*	1.67	*	0.31	*	*	*	-

To avoid duplication number of holders that applied fertilizers in rural and urban areas for private holdings do not add up to the totals. Hence, the sum of estimates may not be equal to the totals.

**SUMMARY TABLE VI.5: Number of Holders Applying Fertilizers, Fertilized Area,
and Quantity of Fertilizers by Crop Type in Rural Areas, for Private Holdings**

CROP	Application of total Fertilizers		Application of Fertilizers by Type and Quantity				
	Holders	Hectares	Natural		Chemical – DAP		
			Holders	Hectares	Holders	Hectares	Quintals
TOTAL	58032	23061	53568	15275	5018	3668	1914
Grain Crops	52049	21484	46394	13869	4682	3638	1899
Cereals	49505	17971	43895	11339	3844	2913	1278
Teff	5068	3281	2247	1030	2223	1691	633
Barley.....	1512	360	1298	251	127	59	38
Wheat.....	1027	416	667	168	238	145	114
Maize	43455	8343	38747	5627	755	166	134
Sorghum.....	10647	3790	10314	3670	111	32	9
Finger millet	2451	1699	1246	579	852	809	337
Oats ('Aja').....	218	9	203	7	*	*	*
Rice	177	72	*	*	*	*	*
Pulses.....	11582	1571	10313	879	1003	625	584
Horse beans	2133	241	2102	233	*	*	*
Field peas	1177	256	1088	227	67	*	17
Haricot beans	7181	368	6839	332	93	*	*
Chick peas	527	46	517	45	*	*	*
Lentils	423	17	405	16	*	*	*
Vetch.....	77	2	77	2	-	-	-
Soya	1145	630	316	17	786	575	550
Fenugreek	103	*	103	*	-	-	-
Gibto	*	*	*	*	-	-	-
Oil Seeds	9400	1906	8734	1617	327	99	37
Neug.....	2450	849	2336	787	56	*	*
Linseed.....	506	23	486	21	*	*	*
Ground nuts	1013	44	951	38	*	*	*
Sunflower	156	*	109	*	*	*	-
Sesame	4109	924	3712	710	164	71	26
Rapeseed	2164	62	2061	58	83	*	*
Other Grains	2692	37	2542	35	*	*	*
Vegetables	18555	532	16603	431	385	18	7
Lettuce	*	*	*	*	-	-	-
Head cabbage.....	391	1	353	1	*	*	*
Kale.....	1373	12	1329	10	*	*	-
Tomatoes	1126	8	1126	8	-	-	-
Green peppers.....	1250	14	1153	12	*	*	*
Red peppers	11245	329	9375	243	310	17	5
Swiss chard	*	*	*	*	-	-	-
Others.....	6154	166	5922	157	*	*	*
Root Crops	14110	413	13760	378	175	9	4
Beet root	283	*	283	*	-	-	-
Carrot.....	383	1	383	1	-	-	-
Onions.....	1788	17	1740	13	39	*	*
Potatoes.....	3787	209	3668	197	*	*	*
Garlic	2446	13	2324	12	58	*	*
Taro ('Godere')	395	5	364	4	-	-	-
Sweet potatoes	5724	90	5618	84	*	2	*
Others.....	2805	79	2700	67	-	-	-
Permanent Crops.....	23126	632	22471	597	191	3	*
Fruit Crops	18335	295	17764	266	69	1	*
Avocado.....	328	*	328	*	-	-	-
Bananas.....	6916	92	6737	85	*	*	*
Guava (Zeytuna)	1080	5	1080	5	-	-	-
Lemons	1006	8	970	8	-	-	-
Mangoes.....	9227	124	8765	105	41	1	*
Oranges.....	1417	9	1384	8	-	-	-
Papayas	7641	52	7537	51	*	*	*
Pineapples.....	*	*	*	*	-	-	-
Others.....	264	2	233	2	*	*	*
Stimulant Crops.....	13102	307	12995	302	*	*	*
Chat.....	4030	37	3977	36	*	*	*
Coffee	9855	239	9735	235	*	*	*
Hops	4904	31	4881	31	*	*	*
Others.....	*	*	*	*	-	-	-
Other Permanent	2263	30	2160	29	61	*	*
Enset	163	2	137	2	18	*	-
Sugar Cane.....	1630	24	1630	24	-	-	-
Others.....	489	3	412	3	*	*	*

SUMMARY TABLE VI.5 Contd.

CROP	Application of Fertilizers by Type and Quantity					
	Chemical – UREA			Chemical - DAP and UREA		
	Holders	Hectares	Quintals	Holders	Hectares	Quintals
TOTAL	2952	704	277	6765	3413	4258
Grain Crops	1428	638	237	6485	3339	4239
Cereals	1222	496	211	6409	3223	4141

Teff	271	123	40	627	437	313
Barley	*	*	*	*	*	*
Wheat	*	*	*	96	58	32
Maize	549	91	70	5641	2459	3609
Sorghum	125	52	*	140	37	*
Finger millet	228	143	54	142	*	*
Oats ('Aja')	-	-	-	-	-	-
Rice	*	*	*	65	*	*
Pulses	*	*	*	334	44	*
Horse beans	-	-	-	-	-	-
Field peas	-	-	-	*	*	*
Haricot beans	-	-	-	284	22	*
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	*	*	*
Vetch	-	-	-	-	-	-
Soya	*	*	*	*	*	*
Fenugreek	-	-	-	-	-	-
Gibto	-	-	-	*	*	*
Oil Seeds	204	*	14	188	72	71
Neug	-	-	-	*	*	*
Linseed	-	-	-	*	*	*
Ground nuts	*	*	*	44	3	*
Sufflower	*	*	*	-	-	-
Sesame	174	*	11	62	27	*
Rapeseed	*	*	*	*	*	*
Other Grains	*	*	*	*	*	*
Vegetables	1589	54	25	606	29	13
Lettuce	-	-	-	-	-	-
Head cabbage	*	*	*	*	*	*
Kale	*	*	*	*	*	*
Tomatoes	*	*	*	*	*	*
Green peppers	*	*	*	*	*	*
Red peppers	1532	52	24	317	17	13
Swiss chard	-	-	-	-	-	-
Others	*	*	*	188	8	*
Root Crops	168	*	*	304	18	*
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onions	*	*	*	*	*	*
Potatoes	*	*	*	*	*	*
Garlic	*	*	*	*	*	*
Taro	*	*	*	*	*	*
Sweet potatoes	*	*	*	*	*	*
Others	*	*	*	*	*	*
Permanent Crops	360	5	7	539	28	*
Fruit Crops	267	3	6	483	26	*
Avocado	-	-	-	-	-	-
Bananas	*	*	*	176	7	*
Guava	-	-	-	-	-	-
Lemons	-	-	-	*	*	*
Mangoes	164	1	3	352	17	*
Oranges	*	*	*	*	*	*
Papayas	*	*	*	84	*	*
Pineapples	*	*	*	-	-	-
Others	*	*	*	*	*	*
Stimulant Crops	*	*	*	127	*	*
Chat	*	*	*	*	*	*
Coffee	*	*	*	107	*	*
Hops	-	-	-	-	-	-
Others	-	-	-	-	-	-
Other Permanent	*	*	*	-	-	-
Enset	*	*	*	-	-	-
Sugar Cane	*	*	*	-	-	-
Others	*	*	*	-	-	-

SUMMARY TABLE VI.6: Number of Holders Applying Fertilizer, Fertilized Area, and Quantity of Fertilizers by Crop Type for Urban Areas in Meher Season, for Private Holdings

CROP	Application of Total Fertilizers		Application of Fertilizers by Type and Quantity					
			Natural		Chemical		Natural and Chemical	
	Holders	Hectares	Holders	Hectares	Holders	Hectares	Holders	Hectares
TOTAL	997	626	427	100	642	506	28	19
Grain Crops	855	575	309	70	594	490	19	*
Cereals	693	485	291	60	434	413	19	12
Teff	87	44	*	*	71	35	*	*
Barley	6	1	6	1	-	-	-	-
Wheat	*	*	-	-	*	*	*	*

Maize	600	366	290	54	323	311	*	*
Sorghum	13	9	*	*	5	*	*	*
Finger millet	76	62	-	-	76	62	-	-
Oats ('Aja')	-	-	-	-	-	-	-	-
Rice	*	*	-	-	*	*	-	-
Pulses	191	*	24	6	*	*	*	*
Horse beans	*	*	*	*	-	-	-	-
Field peas	17	6	13	*	-	-	*	*
Haricot beans	*	*	*	*	-	-	-	-
Chick peas	*	*	-	-	*	*	-	-
Lentils	-	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-	-
Soya	*	*	-	-	*	*	-	-
Fenugreek	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-
Oil Seeds	*	*	*	*	*	*	-	-
Neug	*	*	*	*	*	*	-	-
Linseed	*	*	*	*	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-
Sufflower	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-
Other Grains	-	-	-	-	-	-	-	-
Vegetables	39	7	32	4	*	*	-	-
Lettuce	-	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-	-
Kale	-	-	-	-	-	-	-	-
Tomatoes	-	-	-	-	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-
Red peppers	39	7	32	4	*	*	-	-
Swiss chard	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-
Root Crops	75	16	28	*	28	7	24	6
Beet root	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-
Onions	*	*	*	*	*	*	-	-
Potatoes	60	15	*	*	23	7	24	6
Garlic	26	1	20	1	*	*	-	-
Taro	-	-	-	-	-	-	-	-
Sweet potatoes	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-
Permanent Crops	161	28	152	22	20	*	-	-
Fruit Crops	102	9	102	5	8	*	-	-
Avocado	*	*	*	*	-	-	-	-
Bananas	47	1	47	1	-	-	-	-
Guava	*	*	*	*	-	-	-	-
Lemons	*	*	*	*	-	-	-	-
Mangoes	70	3	64	2	8	*	-	-
Oranges	*	*	*	*	-	-	-	-
Papayas	32	*	32	*	-	-	-	-
Pineapples	-	-	-	-	-	-	-	-
Others	*	*	*	*	*	*	-	-
Stimulant Crops	77	19	66	16	*	*	-	-
Chat	*	*	*	*	-	-	-	-
Coffee	47	18	40	15	*	*	-	-
Hops	27	*	21	*	*	*	-	-
Others	-	-	-	-	-	-	-	-
Other Permanent	*	*	*	*	-	-	-	-
Enset	-	-	-	-	-	-	-	-
Sugar Cane	*	*	*	*	-	-	-	-
Others	-	-	-	-	-	-	-	-

4. HOLDERS UTILIZING IMPROVED SEEDS AND QUANTITY OF IMPROVED SEEDS USED

In the 2001/02 Agricultural Sample Enumeration, data on number of holders that have used improved seeds and quantity of seeds used was collected. Hence, the number of holders that have used improved variety seeds and quantity of improved cereals, pulses and oil seeds are presented in Summary Table VI.7.

4.1 Number of Holders using Improved Seeds.

As portrayed in Summary Table VI.7 the use of improved seeds is limited to only 15 thousand holders in rural and 378 holders in urban areas of the region. Of the total holders using improved seeds, 42% used utilized improved maize seed, 4% improved sorghum seed, 4% improved haricot beans seed, and 46% improved variety of coffee seeds. The utilization of improved sorghum seeds is very low considering the area it covers that amounts to about 37% of the total cultivated land area in the region.

4.2 Quantity of Improved Seeds Used

Information on quantity of improved varieties of seeds is limited to grain crops only. As can be seen from Summary Table VI.7, the total quantity of improved seeds was estimated to be 859 quintals. The total quantity of improved seeds used has been low for private holdings in rural areas of the region. As can be seen from the data, the utilization of improved seeds is very low that indicates the holders' continued reliance on low yielding local/traditional seeds.

Considering the total quantity of improved seeds utilized, about 74% accounted for maize followed by about 18% for pulse group. In the case of oil seeds, the quantity of improved seeds used was insignificant. Details are given in Summary Table VI.7

Total amount of improved seeds used by zone is presented in Summary Table VI.8. The data in the table shows that the highest quantity of improved seeds used was reported in Metekel Zone, accounted for about 55%. While, the total quantity of improved seeds used in Kemashi Zone and Assosa Zone were 22% each, respectively.

SUMMARY TABLE VI.7: Number of Holders Utilizing Improved Seeds and Quantity of Improved Seeds Applied by Crop Type in Rural and Urban Areas, for Private Holdings

Type of Crop	Holders Applying Improved Seeds					Quantity in Quintals			
	Total	%	Rural		Urban	Rural	%	Meher	Belg
			Meher	Belg	Meher				
Total.....	15838	100.00	15101	459	378	859	100.00	858	*
Grains	8157	51.50	7852	*	250	859	100.00	858	*
Cereals	7429	46.91	7133	*	241	705	82.12	705	*
Teff	*	*	*	-	*	14	1.57	*	-
Barley	*	*	*	-	-	0	0.05	*	-
Wheat.....	*	*	*	-	-	5	0.60	*	-
Maize	6613	41.75	6345	*	236	632	73.52	631	*
Sorghum	678	4.28	678	-	-	8	0.97	8	-
Finger millet	406	2.53	401	-	*	10	1.12	*	-
Oats ('Aja')	-	-	-	-	-	-	-	-	-
Rice.....	115	0.73	92	-	-	37	4.29	37	-
Pulses	905	5.71	859	*	23	151	17.62	151	-
Horse beans	*	*	*	-	-	0	0.02	*	-

Field peas.....	*	*	*	-	-	-	-	-
Haricot beans.....	600	3.79	577	*	6	0.67	*	-
Chick peas	12	0.08	*	-	1	0.06	*	-
Lentils	-	-	-	-	-	-	-	-
Vetch.....	-	-	-	-	-	-	-	-
Soya	229	1.36	215	-	14	145	16.87	145
Fenugreek	-	-	-	-	-	-	-	-
Oil Seeds	689	4.35	689	-	2	0.26	*	-
Neug	68	0.43	68	-	0	0.01	*	-
Linseed	-	-	-	-	-	-	-	-
Ground nuts	112	0.71	112	-	1	0.16	*	-
Sufflower	*	*	*	-	-	-	-	-
Sesame	448	2.83	448	-	1	0.10	1	-
Rapeseed.....	*	*	*	-	-	-	-	-
Other Grains	*	*	*	-	-	-	-	-
Vegetables	292	1.82	118	171	*	-	-	-
Lettuce	-	-	-	-	-	-	-	-
Head cabbage	*	*	*	-	-	-	-	-
Kale.....	*	*	*	*	-	-	-	-
Tomatoes	150	0.95	-	150	-	-	-	-
Green peppers.....	*	*	*	*	-	-	-	-
Red peppers	*	*	*	*	*	-	-	-
Swiss chard.....	*	*	*	-	-	-	-	-
Others	*	*	*	-	-	-	-	-
Root Crops	398	2.42	109	275	-	-	-	-
Beet root	*	*	*	*	-	-	-	-
Carrot.....	*	*	*	*	-	-	-	-
Onions	158	0.93	*	85	-	-	-	-
Potatoes	*	*	*	*	*	-	-	-
Garlic	18	0.11	18	-	-	-	-	-
Taro ('Godere') ..	-	-	-	-	-	-	-	-
Sweet potatoes....	-	-	-	-	-	-	-	-
Others	*	*	*	-	-	-	-	-
Permanent Crops ..	7836	49.48	7711	-	125	-	-	-
Fruit Crops	900	5.32	842	-	58	-	-	-
Avocado.....	287	1.64	259	-	29	-	-	-
Bananas	219	1.37	217	-	*	-	-	-
Guava (Zeytuna) ..	*	*	*	-	*	-	-	-
Lemons	*	*	*	-	-	-	-	-
Mangoes	227	1.29	205	-	22	-	-	-
Oranges.....	*	*	*	-	-	-	-	-
Papayas.....	77	0.47	74	-	*	-	-	-
Pineapples.....	-	-	-	-	-	-	-	-
Others	*	*	*	-	*	-	-	-
Stimulant Crops.....	7300	45.67	7233	-	67	-	-	-
Chat.....	-	-	-	-	-	-	-	-
Coffee	7300	45.67	7233	-	67	-	-	-
Other Permanent Crops.	*	*	*	-	-	-	-	-

Summary Table VI.8 Quantity of Chemical Fertilizers Applied and Improved Seeds Used by Zone and Season in Rural Areas, for Private Holdings

Item	Quantity in Quintals			
	Total	Metekel	Asosa	Kemashi
Chemical Fertilizers				
Total	6449	4053	1043	1353
Percent	100.00	62.85	16.17	20.98
Meher	6449	4053	1043	1353
Belg	-	-	-	-
Improved seeds				
Total	859	474	193	192
Percent	100.00	55.14	22.42	22.40
Meher	858	473	193	192
Percent	100.00	55.11	22.43	22.42
Belg	*	*	-	-
Percent	*	*	-	-

5. FARM MANAGEMENT PRACTICES AND EDUCATIONAL ATTAINMENT OF HOLDERS

This section of the report presents data on educational attainment of holders in relation to their farm management practices. At the time of enumeration all holders in the sampled households were asked to state their educational attainment. As presented in Summary Table VI.9 data on literacy status and highest grade completed for literate holders were collected.

The census findings indicate that the level of educational attainment of the holders in Benshangul-Gumuz Region is very low and this may have a direct impact on the level of awareness of the holders with respect to improved farming activities and is a typical characteristic of peasant community in developing countries. A large number of holders (68% in rural and 40 % in urban areas) were found to be illiterate while 9% in rural and 13% in urban areas have participated in informal education. Moreover, the data shows that 19% of the holders in rural and 27% of holders in urban areas have completed grades 1 to 6 and only 3% of the holders in rural and 18 % in urban areas have completed grades 7-12. Furthermore, around 0.2% of the holders in rural and 2% in urban areas had completed an educational level of above grade 12 (i.e. college/university). These estimates show that holders in urban areas are relatively more literate than those in the rural areas. This could probably be attributed to better access to school and/or better awareness of the importance of education among the holders in the urban than those in the rural areas.

Extension packages are outreach programs operating in rural areas for private holdings aiming to transfer modern agricultural technologies to increase crop and livestock productivity. The programs are usually undertaken by follow-up and advisory services by the agricultural development agents. The total number of holders participating in the agricultural extension package programs was 5.7 thousands, which is only about five percent of the total holders in the region. Of the total holders participating in the extension programs, 5.6 thousand holders were in Meher season and 211 holders were in Belg season. The distribution of extension package program participants by educational status shows that 48% were illiterate, 17% have participated in informal education, 29% have completed grades 1 to 6 and 5% have completed grades 7-12 .

As a result of insignificant number of holders who have been exposed to extension packages as well as to education the impact of education on the use of improved farm practices was not clearly exhibited by the census data. The data indicates that out of all holders who have used improved seeds, practiced irrigation, and applied fertilizers and pesticides, 51, 52, 61 and 51 percents were illiterate, respectively (For details, refer to Summary Table VI.9).

The total number of holders applying agricultural inputs and irrigation practice by zone for private holdings in rural and urban areas are presented in Summary Table VI.9. In each zone, the proportion of the total holders who have applied fertilizers were the highest as compared to other inputs and irrigation. Thus, fertilizers are the most important input and it is used by 29.8 thousand holders (50%) in Asosa Zone compared to 21.9 thousands (37%) in Metekel Zone and 7.4 thousands (13%) in Kemashi Zone. The second most widely used input was improved seeds and is used by 10 thousand holders (64%) in Asosa Zone. The corresponding figures are 4 thousands (25%) in Metekel Zone and 1.8 thousands (11%) in Kemashi Zone. The total number of holders who have followed irrigation schemes in Asosa, Metekel, and Kemashi Zones were 64, 31 and 5 percent, respectively. The proportion of holders that applied pesticides was higher in Asosa Zone (68%) compared to Metekel (29%) and Kemashi (3%) Zones. For details, refer to Summary Table VI.10.

SUMMARY TABLE VI.9: Holders Applying Agricultural Inputs and Participating in Extension Programs by Level of Education in Rural and Urban Areas, for Private Holdings

Place of Residence/Season	Total		Educational Level of Holders									
			Illiterate		Literate, but no Formal Education		Grade 1 - 6		Grade 7 - 12		Above Grade 12	
	Numb	%	Number	%	Numbe	%	Numbe	%	Number	%	Number	%
All Crop Holders												
Rural and Urban	127570	100.00	85847	67.29	11704	9.17	24884	19.51	4804	3.77	331	0.26
Rural	123726	100.00	84304	68.14	11218	9.07	23851	19.28	4097	3.31	255	0.21
Meher	123726	100.00	84304	68.14	11218	9.07	23851	19.28	4097	3.31	255	0.21
Belg	11268	100.00	6593	58.51	1605	14.24	2659	23.60	330	2.93	-	-
Urban	3826	100.00	1541	40.28	485	12.68	1032	26.97	690	18.03	76	1.99
Improved Seeds												
Rural and Urban	15838	12.42	8077	51.00	2544	16.06	3943	24.90	1231	7.77	43	0.27
Rural	15460	12.50	7952	51.44	2461	15.92	3849	24.90	1169	7.56	29	0.19
Meher	15101	12.21	7784	51.55	2450	16.22	3711	24.57	1127	7.46	29	0.19
Belg	459	4.07	229	49.89	*	*	*	*	*	-	-	-
Urban	379	9.91	125	32.98	83	21.90	95	25.07	*	*	15	3.96

Irrigation												
Rural and Urban	11115	8.71	5772	51.93	1905	17.14	2867	25.79	565	5.08	*	*
Rural	10854	8.77	5667	52.21	1873	17.26	2816	25.94	*	*	-	-
Meher	6780	5.48	3223	47.54	1198	17.67	2013	29.69	*	*	-	-
Belg	6411	56.90	3410	53.19	1196	18.66	1526	23.80	247	3.85	*	*
Urban	261	6.82	105	40.23	32	12.26	51	19.54	*	*	*	*
Fertilizer												
Rural and Urban	59029	46.27	36076	61.12	7248	12.28	12725	21.56	2807	4.76	175	0.30
Rural	58032	46.90	35714	61.54	7126	12.28	12453	21.46	2587	4.46	151	0.26
Meher	57398	46.39	35243	61.40	7076	12.33	12363	21.54	2565	4.47	151	0.26
Belg	5255	46.64	3156	60.06	734	13.97	1124	21.39	*	*	*	-
Urban	998	26.08	363	36.37	122	12.22	269	26.95	220	22.04	24	2.40
Pesticides												
Rural and Urban	4302	3.37	2179	50.65	860	19.99	1153	26.80	*	*	-	-
Rural	4159	3.36	2113	50.81	835	20.08	1120	26.93	*	*	-	-
Meher	2802	2.26	1351	48.22	656	23.41	726	25.91	*	*	-	-
Belg	1458	12.94	783	53.70	221	15.16	432	29.63	*	*	-	-
Urban	143	3.74	66	46.15	24	16.78	33	23.08	*	*	-	-
Extension Program												
Rural	5738	4.64	2765	48.19	959	16.71	1684	29.35	312	5.44	*	*
Meher	5563	4.50	2718	48.86	888	15.96	1649	29.64	290	5.21	*	*
Belg	211	*	*	*	*	*	*	*	*	*	-	-

SUMMARY TABLE VI.10: Holders Applying Agricultural Inputs and Practices in Rural and Urban Areas and Zones, for Private Holdings

Data Items	Number of Holders							
	Total	Percent	Rural Meher	Rural Belg	Rural	Percent	Urban Meher	Percent
Benshangul-Gumuz								
Irrigation	11115	100	6778	6412	10854	100	261	100
Improved Seeds.....	15838	100	15101	459	15460	100	378	100
Pesticides.....	4302	100	2802	1456	4159	100	143	100
Fertilizers	59030	100	57398	5255	58032	100	998	100
Metekel Zone								
Irrigation	3478	31.29	2775	1296	3310	30.50	168	64.37
Improved Seeds.....	3972	25.08	3454	278	3690	23.87	282	74.60
Pesticides.....	1227	28.52	1096	*	1138	27.36	89	62.24
Fertilizers	21871	37.05	20664	2506	21000	36.19	871	87.27
Asosa Zone								
Irrigation	7110	63.97	3778	4784	7017	64.65	93	35.63
Improved Seeds.....	10085	63.68	9897	*	9989	64.61	96	25.40
Pesticides.....	2944	68.43	1612	1376	2889	69.46	55	38.46
Fertilizers	29761	50.42	29375	2699	29635	51.07	126	12.63
Kemashi Zone								
Irrigation	527	4.74	225	332	527	4.86		
Improved Seeds.....	1781	11.25	1749	32	1781	11.52		

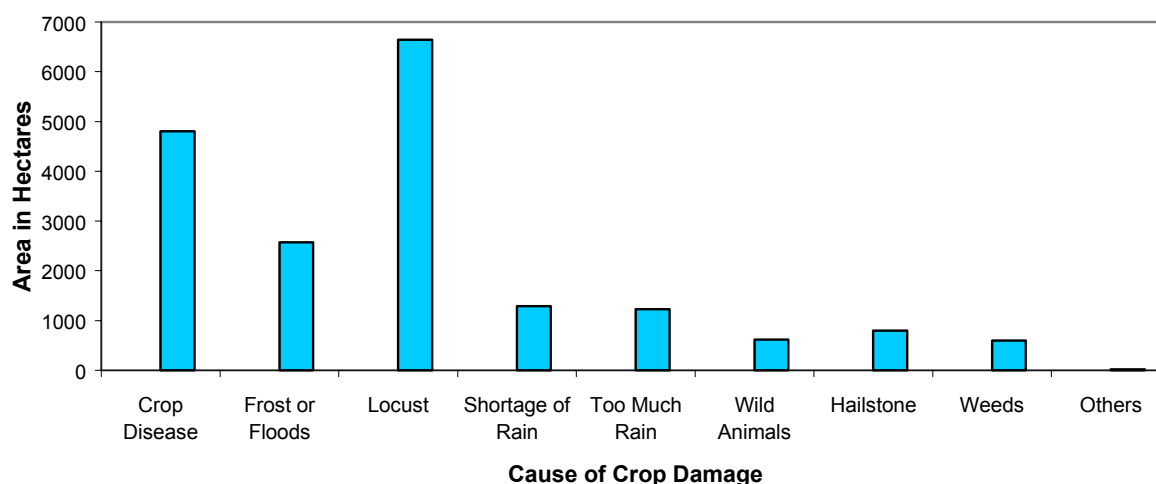
Pesticides.....	133	3.09	94	*	133	3.20		
Fertilizers.....	7397	12.53	7359	50	7397	12.75		

6. DAMAGED CROPLAND AREAS AND SIZE OF HOLDINGS IN RURAL AREAS

This section of the chapter deals with the estimates of damaged cropland areas by size of holdings in Benishangul-Gumuz Region. Cropland area damage includes any cropland planted or sown with intention to harvest crops, but failed to produce crop partly or fully due to various reasons. Out of the total cultivated cropland area, 13.2% in Meher and 3.4% in Belg seasons were affected by crop damage. The cropland area damage that accounted for 69% fall under holders in rural areas who had holding size that ranges from 1.0 and 5 hectares. On the other hand, holders in rural areas who had holding size of between 0.51 and 1 hectare accounted for 17.4% of the cropland area damage. It was also indicated that holders in rural areas who had relatively large holdings (5.01 and more hectares) comprised about 5.5% of the total cropland area damage.

With regard to the causes of crop damage, it is reported that 36% was damaged due to locusts, 26% was caused by crop disease, 14% was due to frost or flood, 7% each was due to too much rain and shortage of rain, and the remaining 10% was reported due to all other causes of crop damage (For details see Summary Table VI.11 and Fig VI.4).

Fig VI.4 Damaged Cropland Area by Causes of Damage in Rural Areas, for Private Holdings



7. FARM MANAGEMENT PRACTICES OF HOLDERS IN RURAL AREAS

In order to obtain more detailed information concerning the various types of farm management practices of holders in rural areas, data were collected subjectively by interviewing sampled agricultural holders on the sources of water for irrigation schemes, method to improve soil fertility, method of plowing and soil conservation, participation in extension package programs, and use of credit or advisory services. Hence, the total number of holders reporting different farm management practices and their percentage distribution by type of farm management practices is presented in Summary Table VI.12. Following are discussions of the major findings with respect to these data.

**SUMMARY TABLE VI.11: Causes of Damage of Cropland Area by Size of Holdings and
Seasons in Rural Areas, for Private Holdings**

Cause of Damage	Size of Holding (Hectares)							
	Total	Under 0.1	0.1 – 0.5	0.51 – 1.0	1.01 – 2.0	2.01 – 5.00	5.01 – 10.0	Over 10
	Both Seasons							
Total	18616	91	1438	3229	6344	6500	804	211
Percent.,	100.00	0.49	7.72	17.35	34.08	34.92	4.32	1.13
Crop Disease	4805	22	459	969	1605	1502	204	*
Percent.,	25.81	0.46	9.55	20.17	33.40	31.26	4.25	*
Frost or Floods	2574	6	225	507	870	845	96	*
Percent.,	13.83	0.23	8.74	19.70	33.80	32.83	3.73	*
Locust	6642	41	470	1050	2321	2454	276	*
Percent.,	35.68	0.62	7.08	15.81	34.94	36.95	4.16	*
Shortage of Rain	1289	3	56	179	496	463	82	*
Percent.,	6.92	0.23	4.34	13.89	38.48	17.99	3.19	*
Too Much Rain	1226	5	76	220	398	387	63	*
Percent.,	6.59	0.41	6.20	17.94	32.46	31.57	5.14	*
Wild Animals	617	6	50	102	233	201	25	-
Percent.,	3.31	0.97	8.10	16.53	37.76	32.58	4.05	-
Birds	-	-	-	-	-	-	-	-
Percent.,	-	-	-	-	-	-	-	-
Hailstone	798	3	28	94	225	430	18	-
Percent.,	4.29	0.38	3.51	11.78	28.20	53.88	2.26	-
Pests and Insects	51	-	5	2	15	25	-	*
Percent.,	0.27	-	10.00	4.00	30.00	50.00	-	*
Weeds	599	2	67	105	178	186	40	*
Percent.,	3.22	0.33	11.19	17.53	29.72	31.05	6.68	*
Others	16	3	*	*	*	*	-	-
Percent.,	0.09	18.75	12.50	6.25.0	18.75	43.75	-	-
Meher Season								
Total	18586	78	1424	3226	6344	6500	804	211
Crop Disease	4797	20	455	967	1605	1502	204	*
Frost or Floods	2571	5	223	507	870	845	96	*
Locust	6633	38	465	1049	2321	2454	276	*
Shortage of Rain	1287	1	56	179	496	463	82	*
Too Much Rain	1225	4	76	220	398	387	63	*
Wild Animals	617	6	50	102	233	201	25	-
Birds	-	-	-	-	-	-	-	-
Hailstone	798	3	28	94	225	430	18	-
Pests and Insects	50	-	5	2	15	25	-	*
Weeds	597	1	66	105	178	186	40	*
Others	11	-	-	*	*	*	-	-
Belg Season								
Total	31	12	14	*	-	-	-	-
Crop Disease	8	2	4	*	-	-	-	-
Frost or Floods	3	*	*	-	-	-	-	-
Locust	9	3	5	*	-	-	-	-
Shortage of Rain	2	*	-	-	-	-	-	-
Too Much Rain	*	*	-	-	-	-	-	-
Wild Animals	-	-	-	-	-	-	-	-
Birds	-	-	-	-	-	-	-	-
Hailstone	-	-	-	-	-	-	-	-
Pests and Insects	-	-	-	-	-	-	-	-
Weeds	1	*	*	-	-	-	-	-
Others	5	3	2	-	-	-	-	-

7.1 Sources of Water for Irrigation Schemes

In a country like Ethiopia, where the amount, timing and distribution of rainfall is irregular, use of irrigation would significantly improve and raise the level of production. However, irrigation is not extensive in Benishangul-Gumuz Region. As presented earlier, coffee, banana, and maize are relatively sizable crops that are grown by irrigation in this region. The census data reveals that of the total holder in the rural areas only 9.4% reported to have used irrigation practices. Among these holders who practice different sources of water, 84 percent and 12 percent of the holders have used rivers and lakes, respectively. Utilization of other sources of water for irrigation is limited in the region. It should be noted that data on the number of holders that practice irrigation schemes and the number of holders reporting the sources of water for irrigation were collected in different period of time during the 2001/02 agricultural activities. In an enumeration area a total of 30 households were systematically sampled that mainly resulted about 30 holders. Thus, the data on number of holders practicing irrigation was collected in September (for ten households) and December (for twenty households). However, data on the holders reporting the sources of water for irrigation was collected only in March. Hence, some discrepancy is observed in the total numbers of holders who have reported the use of irrigation practices presented in Summary Table VI.9 and VI.12.

During the 2001/02 EASE, an attempt has also been made to assess the extent of irrigation practice in urban areas. Thus, sources of water for irrigation under permanent crops in urban areas for Meher season have been assessed and the data are presented in Summary Table VI.13. The data in the table shows that only 7 percent of the total holders reported as practicing irrigation during the Meher season and of these holders the sources of water for irrigation were 56, 22, 13 and 11 percent from rivers, lakes, tap water and other sources, respectively. However, holders that use well are very few. In the same summary table, it was observed that out of the total holders only 101 (2.6 percent) holders in urban areas practiced Belg crop production in the past three years prior to 2002/03 (1995 E.C.).

7.2 Methods Used to Improve Soil Fertility

The fertility of the soil in Ethiopia is being depleted slowly as time passes because of continuous cropping. In the census, holders were asked to state their method of improving soil fertility, that is whether they use crop rotation or burning of soil. Hence, the data showed that of the total holders about 58% have reported practicing crop rotation, while 9% reported practicing burning of soil as their main method for improving soil fertility.

7.3 Application of Chemical Fertilizers and Reasons for not Applying Fertilizers

In section 3, it was indicated that about 47% of the holders have applied both natural and chemical fertilizers. However, it was less than 12% of the total holders that applied chemical fertilizers. In order to gauge the attitude of holders who did not use chemical fertilizers, sampled households were asked the reasons for not using chemical fertilizers. The data in Summary Table VI.12, indicates that the majority of the holders did not use chemical fertilizers due to various reasons. A total of about 66 thousand holders which is the highest did not use chemical fertilizers due to shortage of money, about 34 thousand holders due to lack of knowledge about the advantage, about 11 thousand holders due to insufficient supply of fertilizers in their area, about 13 thousand holders due to the high cost of fertilizer, 2 thousand holders reported suspecting the efficiency of the fertilizers and absence of credit service to purchase fertilizers, and about 21 thousand holders mentioned “other reasons” for not using chemical fertilizers.

7.4 Method of Ploughing

One aspect to increase agricultural production is through mechanization. The replacement of hand digging and ox/horse driven ploughing method by tractor is of paramount importance for increasing the volume of agricultural production. In light of this, an attempt has been made to collect some basic information on method of ploughing by the holders at the time of the census enumeration. Thus, the majority of the holders (54%) reported to have used hand digging method and 25% of the holders that used ox/horse driven ploughing methods. Besides, holders who used both hand dug and ox/horse driven methods are accounted for about 19%. On the other hand, none of the holders have used tractor-only for ploughing. This ascertained the fact that the use of a tractor for ploughing among the holders in the rural areas of the region is not common or does not exist.

7.5 Methods Used for Soil Conservation

According to the data in Summary Table VI.12, the majority of the holders reported using different methods of soil conservation. Of which, 31, 9, 4 and 0.2 percent of holders have practiced ploughing along the contour, water catchments, terracing and afforestation, respectively. Moreover, 3% of the total holders reported that they have other methods for soil conservation.

7.6 Extension Packages and Use of Agricultural Credit and Advisory Services

Extension packages are outreach programs operating in rural areas for private holdings aiming to transfer modern agricultural technologies to increase crop and livestock productivity. The programs are usually undertaken by follow-up and advisory services by the agricultural development agents. A holder is said to be a participant of this program if and only if he/she obtains agricultural advices and apply the recommended inputs and related services such as close follow up by the development agents, supervision from wereda and Zonal Agricultural Bureaus...etc. on a regular basis. The prevalence of different types of extension packages were assessed during the enumeration. These include, rain shortage area packages, rain abundant area packages, post harvest technology packages, ...etc. Thus, the data showed that about 7% of the agricultural holders were covered by rain abundant area extension packages. The total agricultural holders covered by all other types of extension packages listed in the table are insignificant. In response to why they have not been covered by these extension packages since the program started, holders reported the reasons as follows: 49% of the holders reported shortage of money, 21% reported no knowledge about the advantage, 7% reported program not available, 4% each were suspicious of its efficiency and other reasons, and 3% reported not sufficient arable land available.

In the country, there are institutions that provide credit and assist peasants by furnishing short and intermediate term loans for the purchase of chemical fertilizers, improved variety seeds and pesticides. These institutions not only give great emphasis to making loans to peasants but also aiding them with advice on farming practices. Then, data are collected by interviewing sampled holders on use of credit and advisory services and are presented in Summary Table VI.12. Thus, the data in this table showed that about 7 percent of holders

SUMMARY TABLE VI.12: Number of Holders by Type of Farm Management Practices

in Rural Areas, for Private Holdings

Farm Practices	Number of Holders Reporting	Percentage
Total Crop Holders	123726	100.00
Source of Water for Irrigation		
Holders who Practice Irrigation	11626	9.40
River	9816	84.43
Lake	1344	11.56
Pond	271	2.33
Other	195	1.68
Method to Improve Soil Fertility		
Crop Rotation	71931	58.14

Burning of Soil	10679	8.63
Reason for Not Using Chemical Fertilizer		
Do Not Know Advantages	34066	
Too Expensive	12459	
Shortage of Money	66023	
Insufficient Supply	10606	
No Credit Service	548	
Suspicious of Efficacy	1265	
Other	20783	
Method of Ploughing		
Hand Dug	66984	54.14
Ox/Horse Driven	30664	24.78
Tractor	-	-
Hand Dug and Ox/Horse Driven	23116	18.68
Tractor and Ox/Horse Driven	*	*
Method of Soil Conservation		
Terracing	4586	3.71
Water Catchments	10895	8.81
Afforestation	247	0.20
Plowing Along the Contour	37784	30.54
Others	3520	2.84
All Holders	129549	100.00
Participation in Extension Package by Type		
Rain Shortage Areas Package	1137	0.88
Rain Abundant Areas Package	9156	7.07
Post Harvest Technology Package	658	0.51
Livestock Development Package	*	*
Economically Important Crops Package	979	0.76
Any Two or More Packages	240	0.19
Reason For Not Participating in Extension Packages		
Do Not Know the Advantages	27334	21.10
Shortage of Money	63435	48.97
Suspicious of Efficacy	5058	3.90
Programs Not Available	8643	6.67
Not Sufficient Arable Land	3212	2.48
Others	4624	3.57
Use of Credit or Advisory Services		
Credit Services	8396	6.48
Advisory Services	17458	13.48

used agricultural credit services and about 14 percent of the holders have obtained advice on agricultural practices. This shows that the use of credit and advisory services were limited in scope.

Summary Table VI.13 Holders who Practice Irrigation by Sources of Water in Meher Season and Holders who Practice Belg From 1999/2000 to 2001/02 in Urban Areas

Sources of Water	Number of Holders	Percent
Those who Practice Irrigation in Meher Season (2001/02)		
Crop Holders.....	3826	100.00
Holders who Practice Irrigation Sources	261	6.82

River.....	147	56.32
Lake.....	57	21.84
Well.....	*	*
Tap Water.....	33	12.64
Others.....	29	11.11
Not Stated.....	*	*
Those who Practice Belg from 1999/2000 to 2001/02		
Crop Holders.....	3826	100.00
Holders who Practice Belg.....	101	2.63
Male.....	96	2.51
Female.....	*	*

7.7 Sources and Cost of Chemical Fertilizers.

As illustrated in Summary Table V1.14, it is estimated that a total of 13 thousand holders (11%) reported “Government” as their major sources of chemical fertilizers, while about 2.6 thousand (2.1%) and 458 holders (0.4%) mentioned traders and private organization as their major sources of chemical fertilizers, respectively. Regardless of the source, the average cost was 293 Birr/Quintal for DAP and 257 Birr/Quintal for UREA.

8. USES OF CROP SPECIFIC EXTENSION PACKAGE PROGRAMS

Extension package is one of the means by which productivity improves and thereby food production increases. Moreover, Agricultural Development Agents (ADA) assist the peasants by operating demonstration plots to provide information to agricultural holders on improved seed varieties, on use of fertilizers and pesticides, and improvements in production practices to increase yields. Further, advisory services are provided to holders who are willing to participate in the extension package programs.

Summary Table VI.14: Holders by Sources of Chemical Fertilizers and Cost of Chemical Fertilizers in Rural Areas for Private Holdings.

Sources and Type of Fertilizers	Number of Holders	Percent
Crop Holders.....	123726	100.00
Sources		
Government.....	13052	10.55
Private Organization	458	0.37
Traders.....	2555	2.07
Others.....	*	*
Do not Buy.....	104326	84.32
Not Reported.....	2323	1.88
Type of Fertilizers	Cost in Birr/Quintal	
DAP.....	293	
UREA.....	257	

8.1 Holders Participating in Crop Specific Extension Package Programs

In rural areas the distributions of holders participating in crop specific extension package programs are presented in Summary Table VI.15. Accordingly, about 5 thousand holders have been participating in crop specific package, that is, maize, followed by about 563, 444, 214 and 203 holders who considered haricot beans, sorghum, sesame and Teff, respectively. Moreover, about 172 holders took red peppers, 137 holders neug and 114 holders considered tomatoes from crop specific extension packages.

8.2 Area Under Crop Specific Extension Package Programs

In the 2001/02 EASE, data on cropland area under extension package programs was collected. Thus, Summary Table VI.15 shows that a total of 2.4 thousand hectares (2% of the total cropland area) was under extension package programs. Out of the total cropland area under extension package programs, 81.7% was observed under maize, followed by nine percent for sorghum. Moreover, the census data revealed that 2.9% for teff, 2.3% for haricot beans and 1.7% for sesame were also under extension package programs in the region. As can be observed from the data in the table, most of this extension package programs were mainly practiced in Meher season and the participation of holders in these programs are insignificant in Belg season. For details, see Summary Table VI.15

Summary Table VI.15: Number of Holders Participating Crop Specific Extension Package Program and Area under Crop Specific Extension Package Program
By Season in Rural Areas, for Private Holdings.

Area in Hectares

Ext. Package by Crop	Rural				Meher		Belg	
	Holder	%	Area	%	Holder	Area	Holder	Area
Total	5738	100.00	2351	100.00	5563	2347	211	4
Teff	203	3.54	68	2.89	203	68	-	-
Barley	52	0.91	*	*	52	*	-	-
Wheat	*		*	*	*	*	-	-
Maize	4990	86.96	1920	81.67	4885	1919	*	*
Sorghum	444	7.74	205	8.72	444	205	-	-
Rice	*		*	*	*	*	-	-
Field peas	-	-	-	-	-	-	-	-
Haricot beans	563	9.81	53	2.25	541	53	*	*
Chick peas	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-
Nueg	137	2.39	21	0.89	137	21	-	-
Linseed	*		*	*	*	*	-	-
Ground nuts	42	0.73	*	*	42	*	-	-
Sesame	214	3.73	39	1.66	214	39	-	-
Rapeseed	*	*	*	*	*	*	-	-
Other Grains	*	*	*	*	*	*	-	-
Tomatoes	114	1.99	2	0.09	-	-	114	2
Red Papper	172	3.00	3	0.13	136	2	*	*
Onion	55	0.96	*	*	*	*	46	-
Potatoes	*	*	*	*	*	*	-	*
Sweet potatoes	*	*	*	*	*	*	*	*
Enset	-	-	-	-	-	-	-	-
Other Permanent	-	-	-	-	-	-	-	-

TABLE 6.1: AREA OF CROPLAND UNDER IMPROVED FARM MANAGEMENT PRACTICES BY TYPE OF CROPS IN RURAL AREAS, BOTH SEASONS, FOR PRIVATE HOLDINGS

TYPE OF CROP	Total Crop	Improved Seed		Irrigation		Fertilizer		Pesticide	
	Hectares	Hectares	%	Hectares	%	Hectares	%	Hectares	%
TOTAL	141716	3302	2.33	1182	0.83	23061	16.27	1074	0.76
Grain Crops	136741	3162	2.31	459	0.34	21484	15.71	1062	0.78
Cereals	104321	2860	2.74	381	0.37	17971	17.23	1001	0.96
Teff	10737	*	*	*	*	3281	30.56	207	1.93
Barley	1047	*	*	-	-	360	34.38	-	-
Wheat	891	*	*	-	-	416	46.69	*	*
Maize	20861	2534	12.15	346	1.66	8343	39.99	163	0.78
Sorghum	52375	139	0.27	*	*	3790	7.24	124	0.24
Finger millet	17279	142	0.82	*	*	1699	9.83	495	2.86
Oats ('Aja')	28	-	-	-	-	9	32.14	-	-
Rice	1103	23	2.09	-	-	72	6.53	*	*
Pulses	6790	185	2.72	70	1.03	1571	23.14	*	*
Horse beans	585	*	*	*	*	241	41.2	*	*
Field peas	719	*	*	-	-	256	35.61	-	-
Haricot beans	3883	43	1.11	67	1.73	368	9.48	1	0.03
Chick peas	368	*	*	*	*	46	12.5	-	-
Lentils	42	-	-	*	*	17	40.48	-	-
Vetch	20	-	-	-	-	2	10	-	-
Soya	1132	140	12.37	*	*	630	55.65	*	*
Fenugreek	*	-	-	*	*	*	*	-	-
Gibto	36	-	-	-	-	*	*	-	-
Oil Seeds	25244	116	0.46	4	0.02	1906	7.55	50	0.2
Neug	13433	*	*	*	*	849	6.32	*	*
Linseed	200	-	-	*	*	23	11.5	*	*
Ground nuts	2388	*	*	*	*	44	1.84	*	*
Sufflower	94	*	*	-	-	*	*	-	-
Sesame	9028	77	0.85	*	*	924	10.23	*	*
Rapeseed	101	*	*	*	*	62	61.39	*	*
Other Grains	386	*	*	*	*	37	9.59	-	-
Vegetables	1485	4	0.27	36	2.42	532	35.82	7	0.47
Lettuce	*	-	-	*	*	*	*	*	*
Head cabbage	2	*	*	*	*	1	50	-	-
Kale	*	*	*	10	*	12	*	*	*

Tomatoes	22	2	9.09	11	50	8	36.36	*	*
Green peppers	27	*	*	3	11.11	14	51.85	-	-
Red peppers	821	*	*	10	1.22	329	40.07	4	0.49
Swiss chard	*	*	*	*	*	*	*	-	-
Others	565	*	*	*	*	166	29.38	*	*
Root Crops	1152	*	*	83	7.2	413	35.85	*	*
Beet root	*	*	*	*	*	*	*	-	-
Carrot	2	*	*	*	*	1	50	-	-
Onions	33	1	3.03	15	45.45	17	51.52	*	*
Potatoes	463	*	*	57	12.31	209	45.14	-	-
Garlic	23	*	*	4	17.39	13	56.52	-	-
Taro ('Godere')	9	-	-	*	*	5	55.56	-	-
Sweet potatoes	248	-	-	*	*	90	36.29	-	-
Others	374	*	*	*	*	79	21.12	*	*
Permanent Crops	2339	105	4.49	605	25.87	632	27.02	4	0.17
Fruit Crops	1058	7	0.66	111	10.49	295	27.88	1	0.09
Avocado	6	*	*	*	*	*	*	-	-
Bananas	389	2	0.51	79	20.31	92	23.65	-	-
Guava (Zeytuna)	14	*	*	*	*	5	35.71	-	-
Lemons	28	*	*	*	*	8	28.57	*	*
Mangoes	489	3	0.61	18	3.68	124	25.36	*	*
Oranges	22	*	*	3	13.64	9	40.91	*	*
Papayas	101	*	*	3	2.97	52	51.49	-	-
Pineapples	*	-	-	*	*	*	*	-	-
Others	8	*	*	*	*	2	25	-	-
Stimulant Crops	1212	98	8.09	468	38.61	307	25.33	*	*
Chat	123	-	-	32	26.02	37	30.08	*	*
Coffee	1032	98	9.5	424	41.09	239	23.16	*	*
Hops	58	-	-	12	20.69	31	53.45	*	*
Others	*	-	-	-	-	*	*	-	-
Other Permanent Crops	69	*	*	26	37.68	30	43.48	-	-
Enset	4	*	*	*	*	2	50	-	-
Sugar Cane	53	*	*	26	49.06	24	45.28	-	-
Others	12	-	-	*	*	3	25	-	-

TABLE 6.1.1: RURAL MEHER

TYPE OF CROP	Total Crop	Improved Seed		Irrigation		Fertilizer		Pesticide	
	Hectares	Hectares	%	Hectares	%	Hectares	%	Hectares	%
TOTAL	140811	3265	2.32	726	0.52	22730	16.14	1044	0.74
Grain Crops	136250	3159	2.32	103	0.08	21342	15.66	1035	0.76
Cereals	103942	2856	2.75	96	0.09	17851	17.17	974	0.94
Teff	10737	*	*	*	*	3281	30.56	207	1.93
Barley	1047	*	*	-	-	360	34.38	-	-
Wheat	891	*	*	-	-	416	46.69	*	*
Maize	20482	2530	12.35	62	0.3	8223	40.15	136	0.66
Sorghum	52375	139	0.27	*	*	3790	7.24	124	0.24
Finger millet	17279	142	0.82	*	*	1699	9.83	495	2.86
Oats ('Aja')	28	-	-	-	-	9	32.14	-	-
Rice	1103	23	2.09	-	-	72	6.53	*	*
Pulses	6684	185	2.77	*	*	1549	23.17	*	*
Horse beans	583	*	*	-	-	241	41.34	*	*
Field peas	719	*	*	-	-	256	35.61	-	-
Haricot beans	3779	43	1.14	*	*	347	9.18	*	*
Chick peas	368	*	*	*	*	46	12.5	-	-
Lentils	42	-	-	*	*	17	40.48	-	-
Vetch	20	-	-	-	-	2	10	-	-
Soya	1132	140	12.37	*	*	630	55.65	*	*
Fenugreek	*	-	-	*	*	*	*	*	*
Gibto	36	-	-	-	-	*	*	-	-
Oil Seeds	25244	116	0.46	3	0.01	1905	7.55	50	0.2
Neug	13433	*	*	*	*	849	6.32	*	*
Linseed	200	-	-	*	*	23	11.5	*	*
Ground nuts	2388	*	*	*	*	44	1.84	*	*
Sufflower	94	*	*	-	-	*	*	-	-
Sesame	9028	77	0.85	*	*	924	10.23	*	*
Rapeseed	100	*	*	*	*	62	62	*	*
Other Grains	379	*	*	*	*	37	9.76	-	-
Vegetables	1448	1	0.07	9	0.62	515	35.57	5	0.35
Lettuce	*	-	-	*	*	*	*	-	-
Head cabbage	2	*	*	-	-	1	50	-	-
Kale	*	*	*	-	-	5	*	-	-
Tomatoes	5	-	-	*	*	2	40	-	-

Green peppers	25	*	*	*	*	13	52	-	-
Red peppers	816	*	*	6	0.74	327	40.07	4	0.49
Swiss chard	*	*	*	-	-	*	*	-	-
Others	565	*	*	*	*	166	29.38	*	*
Root Crops	775	*	*	9	1.16	241	31.1	*	*
Beet root	*	*	*	-	-	*	*	-	-
Carrot	1	*	*	-	-	1	100.00	-	-
Onions	19	*	*	1	5.26	9	47.37	-	-
Potatoes	102	*	*	*	*	46	45.1	-	-
Garlic	21	*	*	*	*	12	57.14	-	-
Taro ('Godere')	9	-	-	*	*	5	55.56	-	-
Sweet potatoes	248	-	-	*	*	90	36.29	-	-
Others	373	*	*	*	*	79	21.18	*	*
Permanent Crops	2339	105	4.49	605	25.87	632	27.02	4	0.17
Fruit Crops	1058	7	0.66	111	10.49	295	27.88	1	0.09
Avocado	6	*	*	*	*	*	*	-	-
Bananas	389	2	0.51	79	20.31	92	23.65	-	-
Guava (Zeytuna)	14	*	*	*	*	5	35.71	-	-
Lemons	28	*	*	*	*	8	28.57	*	*
Mangoes	489	3	0.61	18	3.68	124	25.36	*	*
Oranges	22	*	*	3	13.64	9	40.91	*	*
Papayas	101	*	*	3	2.97	52	51.49	-	-
Pineapples	*	-	-	*	*	*	*	-	-
Others	8	*	*	*	*	2	25	-	-
Stimulant Crops	1212	98	8.09	468	38.61	307	25.33	*	*
Chat	123	*	*	32	26.02	37	30.08	*	*
Coffee	1032	98	9.5	424	41.09	239	23.16	*	*
Hops	58	*	*	12	20.69	31	53.45	*	*
Others	*	-	-	-	-	*	*	-	-
Other Permanent Crops	69	*	*	26	37.68	30	43.48	-	-
Enset	4	*	*	*	*	2	50	-	-
Sugar Cane	53	*	*	26	49.06	24	45.28	-	-
Others	12	-	-	*	*	3	25	-	-

TABLE 6.1.2: RURAL BELG

TYPE OF CROP	Total Crop	Improved Seed		Irrigation		Fertilizer		Pesticide	
	Hectares	Hectares	%	Hectares	%	Hectares	%	Hectares	%
TOTAL	905	*	*	456	50.39	331	36.57	30	3.31
Grain Crops	491	*	*	356	72.51	142	28.92	27	5.5
Cereals	379	*	*	285	75.2	120	31.66	27	7.12
Teff	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	379	*	*	285	75.2	120	31.66	27	7.12
Sorghum	*	-	-	*	*	-	-	-	-
Finger millet	-	-	-	-	-	-	-	-	-
Oats ('Aja')	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	-	-	-	-
Pulses	105	*	*	67	63.81	21	20	*	*
Horse beans	*	-	-	*	*	-	-	-	-
Field peas	-	-	-	-	-	-	-	-	-
Haricot beans	104	*	*	66	63.46	21	20.19	*	*
Chick peas	-	-	-	-	-	-	-	-	-
Lentils	-	-	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-	-	-
Soya	-	-	-	-	-	-	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	*	-	-	*	*	*	*	-	-
Neug	-	-	-	-	-	-	-	-	-
Linseed	-	-	-	-	-	-	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-
Sufflower	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-
Rapeseed	*	-	-	*	*	*	*	-	-
Other Grains	*	-	-	*	*	*	*	-	-

Vegetables	37	*	*	27	72.97	17	45.95	2	5.41
Lettuce	*	-	-	*	*	*	*	*	*
Head cabbage	*	-	-	*	*	*	*	-	-
Kale	12	*	*	10	83.33	7	58.33	*	*
Tomatoes	17	-	-	10	58.82	6	35.29	*	*
Green peppers	2	*	*	2	100.00	*	*	-	-
Red peppers	5	*	*	4	80	2	40	*	*
Swiss chard	*	*	*	*	*	*	*	-	-
Others	-	-	-	-	-	-	-	-	-
Root Crops	377	1	0.27	74	19.63	172	45.62	*	*
Beet root	*	*	*	*	*	*	*	-	-
Carrot	*	*	*	*	*	*	*	-	-
Onions	15	1	6.67	14	93.33	7	46.67	*	*
Potatoes	360	-	-	57	15.83	163	45.28	-	-
Garlic	2	-	-	2	100.00	1	50	-	-
Taro ('Godere')	-	-	-	-	-	-	-	-	-
Sweet potatoes	*	-	-	*	*	*	*	-	-
Others	*	-	-	*	*	*	*	*	*

TABLE 6.2: AREA OF CROPLAND UNDER IMPROVED FARM MANAGEMENT PRACTICES BY TYPE OF CROPS IN URBAN AREAS, MEHER SEASON

TYPE OF CROP	Total Crop	Improved Seed		Irrigation		Fertilizer		Pesticide	
	Hectares	Hectares	%	Hectares	%	Hectares	%	Hectares	%
TOTAL	5651	252	4.46	43	0.76	626	11.08	195	3.45
Grain Crops	5368	235	4.38	11	0.2	575	10.71	194	3.61
Cereals	3563	223	6.26	11	0.31	485	13.61	183	5.14
Teff	257	*	*	-	-	44	17.12	*	*
Barley	*	-	-	-	-	1	*	-	-
Wheat	*	-	-	-	-	*	*	-	-
Maize	669	204	30.49	11	1.64	366	54.71	*	*
Sorghum	1467	-	-	-	-	9	0.61	*	*
Finger millet	1081	*	*	-	-	62	5.74	152	14.06
Oats ('Aja')	-	-	-	-	-	-	-	-	-
Rice	42	-	-	*	*	*	*	-	-
Pulses	179	12	6.7	*	*	*	*	*	*
Horse beans	*	-	-	-	-	*	*	-	-
Field peas	17	-	-	-	-	6	35.29	-	-
Haricot beans	72	-	-	*	*	*	*	-	-
Chick peas	9	*	*	-	-	*	*	*	*
Lentils	-	-	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-	-	-
Soya	*	9	*	-	-	*	*	-	-
Fenugreek	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-
Oil Seeds	1617	-	-	-	-	*	*	11	0.68
Neug	454	-	-	-	-	*	*	11	2.42
Linseed	*	-	-	-	-	*	*	-	-
Ground nuts	336	-	-	-	-	-	-	-	-
Sufflower	*	-	-	-	-	-	-	-	-
Sesame	*	-	-	-	-	-	-	-	-
Rapeseed	-	-	-	-	-	-	-	-	-
Other Grains	*	-	-	-	-	-	-	-	-
Vegetables	102	*	*	*	*	7	6.86	-	-
Lettuce	-	-	-	-	-	-	-	-	-
Head cabbage	-	-	-	-	-	-	-	-	-
Kale	*	-	-	*	*	-	-	-	-
Tomatoes	2	-	-	*	*	-	-	-	-
Green peppers	-	-	-	-	-	-	-	-	-
Red peppers	100	*	*	-	-	7	7	-	-
Swiss chard	-	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-
Root Crops	19	*	*	*	*	16	84.21	-	-
Beet root	-	-	-	-	-	-	-	-	-
Carrot	-	-	-	-	-	-	-	-	-
Onions	*	*	*	-	-	*	*	-	-
Potatoes	16	*	*	*	*	15	93.75	-	-
Garlic	1	-	-	-	-	1	100.00	-	-
Taro ('Godere')	-	-	-	-	-	-	-	-	-
Sweet potatoes	*	-	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-	-	-
Permanent Crops	162	12	7.41	31	19.14	28	17.28	*	*
Fruit Crops	113	1	0.88	8	7.08	9	7.96	*	*
Avocado	*	*	*	*	*	*	*	-	-
Bananas	20	*	*	5	25	1	5	*	*

Guava (Zevtuna).....	3	*	*	*	*	*	*	*	*
Lemons	2	-	-	*	*	*	*	*	*
Mangoes	69	*	*	2	2.9	3	4.35	*	*
Oranges	4	-	-	*	*	*	*	*	*
Papayas	11	*	*	1	9.09	*	*	-	-
Pineapples	-	-	-	-	-	-	-	-	-
Others	*	*	*	*	*	*	*	-	-
Stimulant Crops.....	44	11	25	21	47.73	19	43.18	*	*
Chat.....	*	-	-	*	*	*	*	*	*
Coffee	34	11	32.35	21	61.76	18	52.94	-	-
Hops	*	-	-	*	*	*	*	-	-
Others	-	-	-	-	-	-	-	-	-
Other Permanent Crops...	5	-	-	1	20	*	*	-	-
Enset	-	-	-	-	-	-	-	-	-
Sugar Cane	3	-	-	1	33.33	*	*	-	-
Others	*	-	-	-	-	-	-	-	-

TABLE 6:3 AREA OF CROPLAND UNDER IMPROVED FARM MANAGEMENT PRACTICES BY CROP CATEGORY IN RURAL AND URBAN AREAS, BOTH SEASONS, FOR PRIVATE HOLDINGS

Geographic Area	All Crops								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	147367	3554	2.41	1225	0.83	23687	16.07	1269	0.86
Metekel Zone	69975	1717	2.45	683	0.98	11867	16.96	1009	1.44
Dangur	7856	283	3.6	8	0.1	1350	17.18	88	1.12
Guba	3152	47	1.49	1	0.03	79	2.51	*	*
Wenbera	11096	210	1.89	605	5.45	4480	40.37	*	*
Mandura	6636	216	3.25	*	*	471	7.1	*	*
Dibate	19725	475	2.41	*	*	2371	12.02	619	3.14
Pawe	13471	432	3.21	17	0.13	1922	14.27	85	0.63
Bulen	8039	54	0.67	*	*	1194	14.85	*	*
Asosa Zone	56404	1015	1.8	465	0.82	7930	14.06	239	0.42
Menge	8405	60	0.71	2	0.02	541	6.44	10	0.12
Kurmak	3179	*	*	*	*	436	13.72	*	*
Asosa	20686	469	2.27	313	1.51	3299	15.95	138	0.67
Sherkole	2117	*	*	*	*	324	15.3	*	*
Bambasi	10976	108	0.98	98	0.89	1591	14.5	24	0.22
Oda Godere	5003	61	1.22	*	*	1052	21.03	*	*
Komesha	2665	97	3.64	12	0.45	255	9.57	*	*
Mao Komo Special	3372	176	5.22	23	0.68	431	12.78	34	1.01
Kemeshi Zone	20988	823	3.92	77	0.37	3890	18.53	20	0.1
Yaso	3240	18	0.56	*	*	355	10.96	*	*
Sirba Abay	2135	34	1.59	*	*	581	27.21	*	*
Kamashi	4639	111	2.39	7	0.15	892	19.23	6	0.13
Agalo Meti	3105	12	0.39	47	1.51	582	18.74	*	*
Belo Jegonfo	7869	648	8.23	*	*	1479	18.8	*	*

TABLE 6.3.1:RURAL HOLDINGS

Geographic Area	All Crops								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	141716	3302	2.33	1182	0.83	23061	16.27	1074	0.76
Metekel Zone	65466	1481	2.26	654	1	11297	17.26	841	1.28
Dangur	7114	*	*	*	*	1231	17.3	39	0.55
Guba	2980	47	1.58	*	*	79	2.65	*	*
Wenbera	10980	192	1.75	585	5.33	4404	40.11	*	*
Mandura	6502	214	3.29	*	*	461	7.09	*	*
Dibate	19240	454	2.36	*	*	2332	12.12	507	2.64
Pawe	10943	373	3.41	15	0.14	1703	15.56	85	0.78
Bulen	7706	40	0.52	*	*	1087	14.11	*	*
Asosa Zone	55262	999	1.81	451	0.82	7874	14.25	212	0.38
Menge	8363	58	0.69	2	0.02	539	6.45	*	*
Kurmak	3134	*	*	*	*	435	13.88	*	*
Asosa	20203	463	2.29	311	1.54	3277	16.22	123	0.61
Sherkole	2117	*	*	*	*	324	15.3	*	*
Bambasi	10404	102	0.98	86	0.83	1561	15	16	0.15

Oda Godere	5003	61	1.22	*	*	1052	21.03	*	*
Komesha	2665	97	3.64	12	0.45	255	9.57	*	*
Mao Komo Special	3372	176	5.22	23	0.68	431	12.78	34	1.01
Kemeshi Zone	20988	823	3.92	77	0.37	3890	18.53	20	0.1
Yaso	3240	18	0.56	*	*	355	10.96	*	*
Sirba Abay	2135	34	1.59	*	*	581	27.21	*	*
Kamashi	4639	111	2.39	7	0.15	892	19.23	6	0.13
Agalo Meti	3105	12	0.39	47	1.51	582	18.74	*	*
Belo Jigonfoy	7869	648	8.23	*	*	1479	18.8	*	*

TABLE 6.3.2 RURAL MEHER

Geographic Area	All Crops								
	Total Crop	Improved Seed		Irrigated		Fertilizer		Pesticide	
	Area	Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	140811	3265	2.32	726	0.52	22730	16.14	1044	0.74
Metekel Zone	65022	1447	2.23	518	0.8	11076	17.03	839	1.29
Dangur	7042	*	*	*	*	1183	16.8	39	0.55
Guba	2980	47	1.58	*	*	79	2.65	*	*
Wenbera	10614	160	1.51	457	4.31	4231	39.86	*	*
Mandura	6502	214	3.29	*	*	461	7.09	*	*
Dibate	19240	454	2.36	*	*	2332	12.12	507	2.64
Pawe	10938	372	3.4	10	0.09	1702	15.56	84	0.77
Bulen	7706	40	0.52	*	*	1087	14.11	*	*
Asosa Zone	54851	997	1.82	174	0.32	7770	14.17	188	0.34
Menge	8362	58	0.69	2	0.02	539	6.45	*	*
Kurmak	3134	*	*	*	*	435	13.88	*	*
Asosa	19979	462	2.31	125	0.63	3199	16.01	110	0.55
Sherkole	2117	*	*	*	*	324	15.3	*	*
Bambasi	10260	102	0.99	13	0.13	1553	15.14	*	*
Oda Godere	4997	61	1.22	*	*	1051	21.03	*	*
Komesha	2655	97	3.65	*	*	251	9.45	*	*
Mao Komo Special	3346	175	5.23	*	*	418	12.49	31	0.93
Kemeshi Zone	20938	821	3.92	33	0.16	3884	18.55	17	0.08
Yaso	3240	18	0.56	*	*	355	10.96	*	*
Sirba Abay	2135	34	1.59	*	*	581	27.21	*	*
Kamashi	4626	110	2.38	1	0.02	892	19.28	6	0.13
Agalo Meti	3068	12	0.39	*	*	576	18.77	-	-
Belo Jigonfoy	7869	648	8.23	*	*	1479	18.8	*	*

TABLE 6.3.3 RURAL BELG

Geographic Area	All Crops								
	Total Crop	Improved Seed		Irrigated		Fertilizer		Pesticide	
	Area	Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	905	*	*	456	50.39	331	36.57	30	3.31
Metekel Zone	444	*	*	135	30.41	221	49.77	*	*
Dangur	73	-	-	*	*	48	65.75	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	366	*	*	128	34.97	172	46.99	*	*
Mandura	-	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-	-	-
Pawe	5	*	*	5	100	*	*	*	*
Bulen	-	-	-	-	-	-	-	-	-
Asosa Zone	411	*	*	277	67.4	104	25.3	25	6.08
Menge	*	-	-	*	*	-	-	*	*
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	224	*	*	187	83.48	78	34.82	13	5.8
Sherkole	-	-	-	-	-	-	-	-	-
Bambasi	144	-	-	73	50.69	8	5.56	8	5.56
Oda Godere	*	-	-	*	*	*	*	-	-
Komesha	9	*	*	6	66.67	4	44.44	1	11.11
Mao Komo Special	26	*	*	*	*	*	*	*	*
Kemeshi Zone	51	*	*	44	86.27	6	11.76	*	*
Yaso	-	-	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-	-	-
Kamashi	13	*	*	6	46.15	-	-	-	-

Agalo Meti	37	-	-	37	100.00	6	16.22	*	*
Belo Jefonfoy	-	-	-	-	-	-	-	-	-

TABLE 6.3.4 URBAN HOLDING

Geographic Area	All Crops								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	5651	252	4.46	43	0.76	626	11.08	195	3.45
Metekel Zone	4509	236	5.23	29	0.64	570	12.64	169	3.75
Dangur	742	123	16.58	3	0.4	119	16.04	48	6.47
Guba	172	-	-	*	*	*	*	-	-
Wenbera	116	18	15.52	20	17.24	76	65.52	*	*
Mandura	133	2	1.5	-	-	9	6.77	-	-
Dibate	485	21	4.33	2	0.41	38	7.84	*	*
Pawe	2528	59	2.33	2	0.08	219	8.66	*	*
Bulen	333	13	3.9	*	*	107	32.13	*	*
Asosa Zone	1142	16	1.4	14	1.23	56	4.9	27	2.36
Menge	43	3	6.98	*	*	3	6.98	3	6.98
Kurmak	45	1	2.22	-	-	1	2.22	1	2.22
Asosa	483	*	*	*	*	23	4.76	*	*
Bambasi	572	*	*	12	2.1	30	5.24	*	*

TABLE 6.4 AREA OF CROPLAND UNDER IMPROVED FARM PRACTICES BY CROP CATEGORY IN RURAL AND URBAN AREAS, BOTH SEASONS, FOR PRIVATE HOLDINGS

Geographic Area	Grain Crops								
	Total Crop	Improved Seed		Irrigated		Fertilizer		Pesticide	
	Area	Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	142109	3397	2.39	470	0.33	22059	15.52	1256	0.88
Metekel Zone	68103	1663	2.44	125	0.18	11232	16.49	1006	1.48
Dangur	7632	279	3.66	*	*	1282	16.8	88	1.15
Guba	3105	47	1.51	-	-	78	2.51	*	*
Wenbera	10176	171	1.68	92	0.9	4149	40.77	*	*
Mandura	6604	216	3.27	*	*	464	7.03	*	*
Dibate	19444	465	2.39	*	*	2239	11.52	619	3.18
Pawe	13210	431	3.26	4	0.03	1859	14.07	84	0.64
Bulen	7931	53	0.67	*	*	1162	14.65	*	*
Asosa Zone	53526	916	1.71	295	0.55	7085	13.24	231	0.43
Menge	8126	59	0.73	*	*	505	6.21	9	0.11
Kurmak	3109	*	*	-	-	423	13.61	*	*
Asosa	19759	394	1.99	191	0.97	2909	14.72	133	0.67
Sherkole	2017	*	*	*	*	296	14.68	*	*
Bambasi	10254	90	0.88	69	0.67	1366	13.32	23	0.22
Oda Godere	4794	61	1.27	*	*	978	20.4	*	*
Komesha	2515	96	3.82	*	*	232	9.22	*	*
Mao Komo Special	2952	174	5.89	19	0.64	375	12.7	34	1.15
Kemeshi Zone	20480	818	3.99	49	0.24	3741	18.27	20	0.1
Yaso	3193	18	0.56	-	-	345	10.8	*	*
Sirba Abay	2081	34	1.63	*	*	544	26.14	*	*
Kamashi	4571	110	2.41	*	*	874	19.12	6	0.13
Agalo Meti	3045	12	0.39	45	1.48	565	18.56	*	*
Belo Jefonfov	7591	645	8.5	*	*	1414	18.63	*	*

TABLE 6.4.1 RURAL HOLDING

Geographic Area	Grain Crops								
	Total Crop	Improved Seed		Irrigated		Fertilizer		Pesticide	
	Area	Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	136741	3162	2.31	459	0.34	21484	15.71	1062	0.78
Metekel Zone	63764	1438	2.26	122	0.19	10703	16.79	838	1.31
Dangur	6916	*	*	*	*	1163	16.82	39	0.56
Guba	2946	47	1.6	-	-	78	2.65	*	*
Wenbera	10098	*	*	92	0.91	4104	40.64	*	*
Mandura									
	6472	214	3.31	*	*	454	7.01	*	*

Dibate	18965	445	2.35	*	*	2202	11.61	507	2.67
Pawe	10747	372	3.46	4	0.04	1641	15.27	84	0.78
Bulen	7620	40	0.52	-	-	1062	13.94	*	*
Asosa Zone	52496	906	1.73	288	0.55	7039	13.41	204	0.39
Menge	8102	56	0.69	*	*	503	6.21	*	*
Kurmak	3064	*	*	-	-	422	13.77	*	*
Asosa	19332	393	2.03	190	0.98	2890	14.95	117	0.61
Sherkole	2017	*	*	*	*	296	14.68	*	*
Bambasi	9720	84	0.86	62	0.64	1343	13.82	15	0.15
Oda Godere	4794	61	1.27	*	*	978	20.4	*	*
Komesha	2515	96	3.82	*	*	232	9.22	*	*
Mao Komo Special	2952	174	5.89	19	0.64	375	12.7	34	1.15
Kemeshi Zone	20480	818	3.99	49	0.24	3741	18.27	20	0.1
Yaso	3193	18	0.56	-	-	345	10.8	*	*
Sirba Abay	2081	34	1.63	*	*	544	26.14	*	*
Kamashi	4571	110	2.41	*	*	874	19.12	6	0.13
Agalo Meti	3045	12	0.39	45	1.48	565	18.56	*	*
Belo Jegonfov	7591	645	8.5	*	*	1414	18.63	*	*

Geographic Area	Grain Crops								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	136250	3159	2.32	103	0.08	21342	15.66	1035	0.76
Metekel Zone	63676	1436	2.26	38	0.06	10649	16.72	837	1.31
Dangur	6916	*	*	*	*	1163	16.82	39	0.56
Guba	2946	47	1.6	-	-	78	2.65	*	*
Wenbera	10013	158	1.58	*	*	4050	40.45	*	*
Mandura	6472	214	3.31	*	*	454	7.01	*	*
Dibate	18965	445	2.35	*	*	2202	11.61	507	2.67
Pawe	10744	372	3.46	*	*	1641	15.27	84	0.78
Bulen	7620	40	0.52	-	-	1062	13.94	*	*
Asosa Zone	52137	905	1.74	52	0.1	6958	13.35	181	0.35
Menge	8102	56	0.69	-	-	503	6.21	*	*
Kurmak	3064	*	*	-	-	422	13.77	*	*
Asosa	19132	392	2.05	25	0.13	2829	14.79	106	0.55
Sherkole	2017	*	*	*	*	296	14.68	*	*
Bambasi	9594	84	0.88	*	*	1336	13.93	*	*
Oda Godere	4788	61	1.27	*	*	977	20.41	*	*
Komesha	2514	96	3.82	*	*	231	9.19	*	*
Mao Komo Special	2927	174	5.94	*	*	364	12.44	31	1.06
Kemeshi Zone	20437	818	4	13	0.06	3735	18.28	16	0.08
Yaso	3193	18	0.56	-	-	345	10.8	*	*
Sirba Abay	2081	34	1.63	*	*	544	26.14	*	*
Kamashi	4564	110	2.41	-	-	874	19.15	6	0.13
Agalo Meti	3009	12	0.4	*	*	559	18.58	-	-
Belo Jegonfov	7591	645	8.5	*	*	1414	18.63	*	*

[illegible]

Asosa	200	*	*	*	*	61	30.5	12	6
Sherkole	-	-	-	-	-	-	-	-	-
Bambasi	127	-	-	61	48.03	7	5.51	8	6.3
Oda Godere	*	-	-	*	*	*	*	-	-
Komesha	*	-	-	*	*	*	*	*	*
Mao Komo Special	25	-	-	*	*	*	*	*	*
Kemeshi Zone	43	-	-	37	86.05	6	13.95	*	*
Yaso	-	-	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-	-	-
Kamashi	7	-	-	*	*	-	-	-	-
Agalo Meti	37	-	-	37	100	6	16.22	*	*
Belo Jegonfov	-	-	-	-	-	-	-	-	-

TABLE 6.4.4 URBAN HOLDING

Geographic Area	Grain Crops								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	5368	235	4.38	11	0.2	575	10.71	194	3.61
Metekel Zone	4339	225	5.19	3	0.07	529	12.19	168	3.87
Dangur	716	120	16.76	*	*	119	16.62	48	6.7
Guba	159	-	-	-	-	-	-	-	-
Wenbera	78	11	14.1	*	*	45	57.69	*	*
Mandura	132	2	1.52	-	-	9	6.82	-	-
Dibate	480	21	4.38	*	*	37	7.71	*	*
Pawe	2463	59	2.4	*	*	218	8.85	-	-
Bulen	312	13	4.17	*	*	100	32.05	-	-
Asosa Zone	1030	10	0.97	*	*	46	4.47	27	2.62
Menge	23	3	13.04	-	-	3	13.04	3	13.04
Kurmak	45	1	2.22	-	-	1	2.22	1	2.22
Asosa	427	*	*	*	*	19	4.45	*	*
Bambasi	534	*	*	*	*	23	4.31	*	*

TABLE 6.5 AREA OF CROPLAND UNDER IMPROVED FARM PRACTICES BY CROP CATEGORY IN RURAL AND URBAN AREAS, BOTH SEASONS, FOR PRIVATE HOLDINGS

Geographic Area	Cereals								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	107884	3082	2.86	391	0.36	18456	17.11	1184	1.1
Metekel Zone	51213	1411	2.76	122	0.24	9249	18.06	959	1.87
Dangur	6264	269	4.29	*	*	1127	17.99	84	1.34
Guba	2301	24	1.04	-	-	63	2.74	*	*
Wenbera	8478	162	1.91	91	1.07	3606	42.53	*	*
Mandura	6126	206	3.36	*	*	437	7.13	*	*
Dibate	14259	462	3.24	*	*	2126	14.91	614	4.31
Pawe	7782	236	3.03	4	0.05	978	12.57	68	0.87
Bulen	6003	51	0.85	*	*	913	15.21	*	*
Asosa Zone	40509	879	2.17	221	0.55	6112	15.09	210	0.52
Menge	6865	50	0.73	*	*	456	6.64	9	0.13
Kurmak	2566	*	*	-	-	313	12.2	*	*
Asosa	13691	394	2.88	143	1.04	2464	18	128	0.93
Sherkole	1631	*	*	*	*	248	15.21	*	*
Bambasi	7133	83	1.16	45	0.63	1186	16.63	8	0.11
Oda Godere	3858	56	1.45	*	*	869	22.52	*	*
Komesha	2205	91	4.13	*	*	219	9.93	*	*
Mao Komo Special	2559	169	6.6	17	0.66	358	13.99	34	1.33
Kemeshi Zone	16163	792	4.9	48	0.3	3095	19.15	16	0.1
Yaso	2593	16	0.62	-	-	306	11.8	*	*
Sirba Abay	1815	29	1.6	-	-	452	24.9	*	*
Kamashi	4137	105	2.54	-	-	817	19.75	5	0.12
Agalo Meti	2779	10	0.36	44	1.58	493	17.74	*	*
Belo Jegonfo	4840	632	13.06	*	*	1026	21.2	*	*

TABLE 6.5.1 RURAL HOLDINGS

	Cereals
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Wenbera	3180	*	*	-	-	2033	63.93	*	*
Mandura	71	*	*	-	-	*	*	-	-
Dibate	2139	-	-	-	-	65	3.04	161	7.53
Pawe	-	-	-	-	-	-	-	-	-
Bulen	399	-	-	-	-	*	*	*	*
Asosa Zone	3317	*	*	*	*	481	14.5	*	*
Menge	25	-	-	-	-	*	*	-	-
Kurmak	*	-	-	-	-	-	-	-	-
Asosa	2400	*	*	-	-	452	18.83	*	*
Sherkole	2	-	-	-	-	*	*	-	-
Bambasi	388	-	-	-	-	9	2.32	-	-
Oda Godere	107	-	-	-	-	*	*	*	*
Komesha	*	-	-	-	-	*	*	-	-
Mao Komo Special	375	-	-	*	*	*	*	*	*
Kemeshi Zone	770	*	*	-	-	219	28.44	-	-
Yaso	357	*	*	-	-	33	9.24	-	-
Sirba Abay	*	-	-	-	-	*	*	-	-
Kamashi	235	-	-	-	-	137	58.3	-	-
Agalo Meti	144	-	-	-	-	45	31.25	-	-
Belo Jigonfoy	14	-	-	-	-	-	-	-	-

TABLE 6.5.2b Barley

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	1047	*	*	-	-	360	34.38	-	-
Metekel Zone	977	*	*	-	-	357	36.54	-	-
Dangur	136	-	-	-	-	87	63.97	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	528	-	-	-	-	268	50.76	-	-
Mandura	*	-	-	-	-	-	-	-	-
Dibate	*	-	-	-	-	-	-	-	-
Pawe	*	*	*	-	-	*	*	-	-
Bulen	*	-	-	-	-	*	*	-	-
Asosa Zone	69	-	-	-	-	*	*	-	-
Menge	*	-	-	-	-	-	-	-	-
Kurmak	*	-	-	-	-	*	*	-	-
Asosa	*	-	-	-	-	-	-	-	-
Sherkole	-	-	-	-	-	-	-	-	-
Bambasi	*	-	-	-	-	-	-	-	-
Oda Godere	*	-	-	-	-	*	*	-	-
Komesha	-	-	-	-	-	-	-	-	-
Mao Komo Special	67	-	-	-	-	*	*	-	-
Kemeshi Zone	*	-	-	-	-	*	*	-	-
Yaso	-	-	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-	-	-
Agalo Meti	*	-	-	-	-	*	*	-	-
Belo Jigonfoy	*	-	-	-	-	*	*	-	-

TABLE 6.5.2c Wheat

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	891	*	*	-	-	416	46.69	*	*
Metekel Zone	740	*	*	-	-	410	55.41	-	-
Dangur	8	-	-	-	-	*	*	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	708	*	*	-	-	407	57.49	-	-
Mandura	-	-	-	-	-	-	-	-	-
Dibate	*	-	-	-	-	*	*	-	-
Pawe	*	-	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-	-	-
Asosa Zone	152	-	-	-	-	*	*	*	*
Menge	*	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	*	-	-	-	-	-	-	-	-

Sherkole	-	-	-	-	-	-	-
Bambasi	*	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-	-
Komesha	-	-	-	-	-	-	-
Mao Komo Special	144	-	-	-	*	*	*
Kemeshi Zone	-	-	-	-	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jegonfoy	-	-	-	-	-	-	-

TABLE 6.5.2d Maize

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	20482	2530	12.35	62	0.3	8223	40.15	136	0.66
Metekel Zone	5339	949	17.77	28	0.52	3061	57.33	41	0.77
Dangur	704	*	*	-	-	322	45.74	*	*
Guba	20	*	*	-	-	*	*	-	-
Wenbera	598	*	*	*	*	430	71.91	-	-
Mandura	434	70	16.13	-	-	238	54.84	*	*
Dibate	1959	435	22.21	*	*	1207	61.61	*	*
Pawe	976	134	13.73	*	*	547	56.05	*	*
Bulen	648	31	4.78	-	-	316	48.77	*	*
Asosa Zone	9855	823	8.35	29	0.29	3524	35.76	86	0.87
Menge	1423	35	2.46	-	-	293	20.59	-	-
Kurmak	162	*	*	-	-	51	31.48	*	*
Asosa	2605	388	14.89	*	*	1294	49.67	*	*
Sherkole	40	*	*	*	*	11	27.5	-	-
Bambasi	2591	75	2.89	*	*	887	34.23	-	-
Oda Godere	1341	39	2.91	-	-	517	38.55	*	*
Komesha	722	91	12.6	*	*	179	24.79	*	*
Mao Komo Special	971	168	17.3	*	*	293	30.18	*	*
Kemeshi Zone	5289	758	14.33	*	*	1637	30.95	9	0.17
Yaso	796	11	1.38	-	-	204	25.63	-	-
Sirba Abay	265	22	8.3	-	-	118	44.53	*	*
Kamashi	1088	95	8.73	-	-	407	37.41	3	0.28
Agalo Meti	635	-	-	*	*	136	21.42	-	-
Belo Jegonfoy	2505	630	25.15	*	*	773	30.86	*	*

TABLE 6.5.2e Sorghum

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	52375	139	0.27	*	*	3790	7.24	124	0.24
Metekel Zone	18158	65	0.36	*	*	778	4.28	58	0.32
Dangur	3453	*	*	-	-	*	*	*	*
Guba	2139	24	1.12	-	-	63	2.95	*	*
Wenbera	3280	*	*	*	*	*	*	-	-
Mandura	2575	*	*	-	-	59	2.29	*	*
Dibate	2916	-	-	-	-	70	2.4	-	-
Pawe	1822	*	*	-	-	18	0.99	*	*
Bulen	1973	*	*	-	-	*	*	-	-
Asosa Zone	25011	40	0.16	*	*	1934	7.73	63	0.25.0
Menge	5395	*	*	-	-	161	2.98	*	*
Kurmak	2366	-	-	-	-	261	11.03	*	*
Asosa	7689	-	-	*	*	646	8.4	35	0.46
Sherkole	1588	*	*	*	*	236	14.86	*	*
Bambasi	3287	*	*	-	-	220	6.69	-	-
Oda Godere	2388	17	0.71	*	*	342	14.32	-	-
Komesha	1452	*	*	-	-	38	2.62	*	*
Mao Komo Special	845	*	*	*	*	30	3.55	-	-
Kemeshi Zone	9207	33	0.36	*	*	1078	11.71	3	0.03
Yaso	1057	4	0.38	-	-	50	4.73	*	*

Sirba Abay	1529	*	*	-	-	329	21.52	-	-
Kamashi	2570	10	0.39	-	-	155	6.03	*	*
Agalo Meti	1922	10	0.52	*	*	301	15.66	-	-
Belo Jefonfoy	2128	*	*	-	-	244	11.47	-	-

TABLE 6.5.2f Finger Millet

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	17279	142	0.82	*	*	1699	9.83	495	2.86
Metekel Zone	15380	137	0.89	*	*	1489	9.68	492	3.2
Dangur	569	*	*	-	-	*	*	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	*	-	-	-	-	-	-	-	-
Mandura	2739	107	3.91	*	*	128	4.67	*	*
Dibate	6653	*	*	-	-	745	11.2	326	4.9
Pawe	2650	*	*	-	-	192	7.25	48	1.81
Bulen	2731	*	*	-	-	*	*	*	*
Asosa Zone	1049	*	*	*	*	59	5.62	*	*
Menge	*	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	481	*	*	*	*	*	*	*	*
Sherkole	-	-	-	-	-	-	-	-	-
Bambasi	401	-	-	-	-	43	10.72	-	-
Oda Godere	12	-	-	-	-	*	*	-	-
Komesha	14	-	-	-	-	-	-	-	-
Mao Komo Special	140	*	*	-	-	*	*	*	*
Kemeshi Zone	851	1	0.12	-	-	151	17.74	-	-
Yaso	383	1	0.26	-	-	20	5.22	-	-
Sirba Abay	*	-	-	-	-	*	*	-	-
Kamashi	235	-	-	-	-	116	49.36	-	-
Agalo Meti	42	-	-	-	-	*	*	-	-
Belo Jefonfoy	191	-	-	-	-	9	4.71	-	-

TABLE 6.5.2g Oats

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	28	-	-	-	-	9	32.14	-	-
Metekel Zone	20	-	-	-	-	*	*	-	-
Dangur	-	-	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	17	-	-	-	-	*	*	-	-
Mandura	-	-	-	-	-	-	-	-	-
Dibate	*	-	-	-	-	-	-	-	-
Pawe	*	-	-	-	-	-	-	-	-
Bulen	*	-	-	-	-	*	*	-	-
Asosa Zone	4	-	-	-	-	2	50	-	-
Menge	-	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	*	-	-	-	-	*	*	-	-
Sherkole	*	-	-	-	-	*	*	-	-
Bambasi	-	-	-	-	-	-	-	-	-
Oda Godere	2	-	-	-	-	*	*	-	-
Komesha	1	-	-	-	-	*	*	-	-
Mao Komo Special	-	-	-	-	-	-	-	-	-
Kemeshi Zone	3	-	-	-	-	2	66.67	-	-
Yaso	*	-	-	-	-	-	-	-	-
Sirba Abay	*	-	-	-	-	*	*	-	-
Kamashi	*	-	-	-	-	*	*	-	-
Agalo Meti	-	-	-	-	-	-	-	-	-
Belo Jefonfoy	*	-	-	-	-	-	-	-	-

[illegible][illegible]

TABLE 6.5.4 URBAN HOLDINGS

Geographic Area	Cereals								
	Total Crop	Improved Seed		Irrigated		Fertilizer		Pesticide	
	Area	Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	3563	223	6.26	11	0.31	485	13.61	183	5.14
Metekel Zone	2759	213	7.72	3	0.11	442	16.02	164	5.94
Dangur	453	111	24.5	*	*	113	24.94	48	10.6
Guba	142	-	-	-	-	-	-	-	-
Wenbera	46	*	*	*	*	32	69.57	*	*
Mandura	124	2	1.61	-	-	8	6.45	-	-
Dibate	401	21	5.24	*	*	37	9.23	*	*
Pawe	1355	59	4.35	*	*	151	11.14	-	-
Bulen	238	13	5.46	*	*	100	42.02	-	-
Asosa Zone	804	10	1.24	*	*	43	5.35	*	*
Menge	20	3	15	-	-	3	15	3	15
Kurmak	33	1	3.03	-	-	1	3.03	1	3.03
Asosa	373	*	*	*	*	19	5.09	*	*
Bambasi	379	*	*	*	*	21	5.54	-	-

TABLE 6.6: AREA OF CROPLAND UNDER IMPROVED FARM PRACTICES BY CROP CATEGORY IN RURAL AND URBAN AREAS, BOTH SEASONS, FOR PRIVATE HOLDINGS

Geographic Area	Pulses								
	Total Crop	Improved Seed		Irrigated		Fertilizer		Pesticide	
	Area	Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	6969	197	2.83	70	1	1656	23.76	*	*
Metekel Zone	4482	178	3.97	*	*	1291	28.8	*	*
Dangur	452	9	1.99	*	*	115	25.44	*	*
Guba	241	10	4.15	-	-	6	2.49	-	-
Wenbera	1009	*	*	*	*	409	40.54	-	-
Mandura	106	*	*	*	*	7	6.6	-	-
Dibate	1581	*	*	*	*	52	3.29	-	-
Pawe	868	147	16.94	-	-	683	78.69	*	*
Bulen	225	*	*	-	-	19	8.44	-	-
Asosa Zone	2079	15	0.72	66	3.17	243	11.69	*	*
Menge	287	*	*	-	-	17	5.92	-	-
Kurmak	211	-	-	-	-	53	25.12	-	-
Asosa	780	*	*	*	*	72	9.23	*	*
Sherkole	57	*	*	-	-	2	3.51	-	-
Bambasi	409	*	*	19	4.65	56	13.69	*	*
Oda Godere	98	*	*	-	-	21	21.43	-	-
Komesha	75	*	*	*	*	9	12	-	-
Mao Komo Special	161	*	*	*	*	12	7.45	-	-
Kemeshi Zone	408	4	0.98	*	*	121	29.66	*	*
Yaso	49	*	*	-	-	20	40.82	-	-
Sirba Abay	85	*	*	-	-	33	38.82	-	-
Kamashi	116	1	0.86	-	-	31	26.72	*	*
Agalo Meti	83	1	1.2	*	*	29	34.94	-	-
Belo Jigonfoy	75	*	*	-	-	8	10.67	-	-

TABLE 6.6.1 RURAL HOLDINGS

Geographic	Pulses				
	Total Crop	Improved Seed	Irrigated	Fertilizer	Pesticide

Area	Area	Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	6790	185	2.72	70	1.03	1571	23.14	*	*
Metekel Zone	4334	166	3.83	*	*	1208	27.87	*	*
Dangur	437	*	*	*	*	110	25.17	*	*
Guba	241	10	4.15	-	-	6	2.49	-	-
Wenbera	992	*	*	*	*	400	40.32	-	-
Mandura	105	6	5.71	*	*	*	*	-	-
Dibate	1535	*	*	*	*	52	3.39	-	-
Pawe	801	147	18.35	-	-	616	76.9	*	*
Bulen	224	*	*	-	-	19	8.48	-	-
Asosa Zone	2048	15	0.73	66	3.22	241	11.77	*	*
Menge	285	*	*	-	-	17	5.96	-	-
Kurmak	208	-	-	-	-	53	25.48	-	-
Asosa	776	*	*	*	*	72	9.28	*	*
Sherkole	57	*	*	-	-	2	3.51	-	-
Bambasi	387	*	*	19	4.91	54	13.95	*	*
Oda Godere	98	*	*	-	-	21	21.43	-	-
Komesha	75	*	*	*	*	9	12	-	-
Mao Komo Special	161	*	*	*	*	12	7.45	-	-
Kemeshi Zone	408	4	0.98	*	*	121	29.66	*	*
Yaso	49	*	*	-	-	20	40.82	-	-
Sirba Abay	85	*	*	-	-	33	38.82	-	-
Kamashi	116	1	0.86	-	-	31	26.72	*	*
Agalo Meti	83	1	1.2	*	*	29	34.94	-	-
Belo Jegonfoy	75	*	*	-	-	8	10.67	-	-

TABLE 6.6.2 RURAL MEHER

Geographic Area	Pulses								
	Total Crop	Improved Seed		Irrigated		Fertilizer		Pesticide	
	Area	Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	6684	185	2.77	*	*	1549	23.17	*	*
Metekel Zone	4334	166	3.83	*	*	1208	27.87	*	*
Dangur	437	*	*	*	*	110	25.17	*	*
Guba	241	10	4.15	-	-	6	2.49	-	-
Wenbera	992	*	*	*	*	400	40.32	-	-
Mandura	105	6	5.71	*	*	*	*	-	-
Dibate	1535	*	*	*	*	52	3.39	-	-
Pawe	801	147	18.35	-	-	616	76.9	*	*
Bulen	224	*	*	-	-	19	8.48	-	-
Asosa Zone	1944	15	0.77	*	*	220	11.32	-	-
Menge	285	*	*	-	-	17	5.96	-	-
Kurmak	208	-	-	-	-	53	25.48	-	-
Asosa	719	-	-	*	*	56	7.79	-	-
Sherkole	57	*	*	-	-	2	3.51	-	-
Bambasi	348	*	*	-	-	52	14.94	-	-
Oda Godere	98	*	*	-	-	21	21.43	-	-
Komesha	75	*	*	-	-	9	12	-	-
Mao Komo Special	154	*	*	-	-	*	*	-	-
Kemeshi Zone	407	4	0.98	-	-	121	29.73	*	*
Yaso	49	*	*	-	-	20	40.82	-	-
Sirba Abay	85	*	*	-	-	33	38.82	-	-
Kamashi	116	1	0.86	-	-	31	26.72	*	*
Agalo Meti	82	1	1.22	-	-	29	35.37	-	-
Belo Jegonfoy	75	*	*	-	-	8	10.67	-	-

TABLE 6.6.2a Horse beans

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	583	*	*	-	-	241	41.34	*	*
Metekel Zone	516	*	*	-	-	237	45.93	*	*
Dangur	180	-	-	-	-	67	37.22	*	*
Guba	-	-	-	-	-	-	-	-	-
Wenbera	282	*	*	-	-	157	55.67	-	-
Mandura	*	-	-	-	-	-	-	-	-

Dibate	30	-	-	-	-	*	*	-	-
Pawe	*	-	-	-	-	-	-	-	-
Bulen	*	*	*	-	-	*	*	-	-
Asosa Zone	66	*	*	-	-	*	*	-	-
Menge	-	-	-	-	-	-	-	-	-
Kurmak	*	-	-	-	-	-	-	-	-
Asosa	*	-	-	-	-	*	*	-	-
Sherkole	-	-	-	-	-	-	-	-	-
Bambasi	*	-	-	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-	-	-	-
Komesha	-	-	-	-	-	-	-	-	-
Mao Komo Special	63	*	*	-	-	*	*	-	-
Kemeshi Zone	*	-	-	-	-	*	*	-	-
Yaso	*	-	-	-	-	*	*	-	-
Sirba Abay	*	-	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-	-	-
Belo Jefonfoy	-	-	-	-	-	-	-	-	-

TABLE 6.6.2b Field peas

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	719	-	-	-	-	256	35.61	-	-
Metekel Zone	709	*	*	-	-	253	35.68	-	-
Dangur	155	-	-	-	-	35	22.58	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	552	-	-	-	-	217	39.31	-	-
Mandura	-	-	-	-	-	-	-	-	-
Dibate	*	*	*	-	-	*	*	-	-
Pawe	-	-	-	-	-	-	-	-	-
Bulen	*	-	-	-	-	*	*	-	-
Asosa Zone	9	*	*	-	-	*	*	-	-
Menge	-	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	*	-	-	-	-	-	-	-	-
Sherkole	-	-	-	-	-	-	-	-	-
Bambasi	*	*	*	-	-	*	*	-	-
Oda Godere	*	-	-	-	-	*	*	-	-
Komesha	-	-	-	-	-	-	-	-	-
Mao Komo Special	*	-	-	-	-	*	*	-	-
Kemeshi Zone	*	-	-	-	-	*	*	-	-
Yaso	-	-	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-	-	-
Agalo Meti	*	-	-	-	-	*	*	-	-
Belo Jefonfoy	-	-	-	-	-	-	-	-	-

TABLE 6.6.2C Haricot beans

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	3779	43	1.14	*	*	347	9.18	*	*
Metekel Zone	2102	25	1.19	*	*	64	3.04	-	-
Dangur	18	*	*	*	*	*	*	-	-
Guba	241	10	4.15	-	-	6	2.49	-	-
Wenbera	107	-	-	*	*	*	*	-	-
Mandura	102	6	5.88	*	*	*	*	-	-
Dibate	1408	-	-	-	-	*	*	-	-
Pawe	27	*	*	-	-	*	*	-	-
Bulen	199	*	*	-	-	*	*	-	-
Asosa Zone	1288	14	1.09	-	-	167	12.97	-	-

Menge	284	*	*	-	-	17	5.99	-	-
Kurmak	186	-	-	-	-	52	27.96	-	-
Asosa	377	-	-	-	-	45	11.94	-	-
Sherkole	56	*	*	-	-	2	3.57	-	-
Bambasi	134	*	*	-	-	*	*	-	-
Oda Godere	96	*	*	-	-	19	19.79	-	-
Komesha	75	*	*	-	-	9	12	-	-
Mao Komo Special	80	*	*	-	-	*	*	-	-
Kemeshi Zone	389	4	1.03	-	-	115	29.56	*	*
Yaso	34	*	*	-	-	14	41.18	-	-
Sirba Abay	82	*	*	-	-	33	40.24	-	-
Kamashi	116	1	0.86	-	-	31	26.72	*	*
Agalo Meti	81	1	1.23	-	-	29	35.8	-	-
Belo Jegonfoy	75	*	*	-	-	8	10.67	-	-

TABLE 6.6.2d Chick peas

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	368	*	*	*	*	46	12.5	-	-
Metekel Zone	202	*	*	*	*	11	5.45	-	-
Dangur	*	-	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-	-	-
Dibate	92	-	-	*	*	11	11.96	-	-
Pawe	51	*	*	-	-	-	-	-	-
Bulen	*	-	-	-	-	*	*	-	-
Asosa Zone	152	-	-	*	*	29	19.08	-	-
Menge	-	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	*	-	-	*	*	*	*	-	-
Sherkole	*	-	-	-	-	*	*	-	-
Bambasi	94	-	-	-	-	*	*	-	-
Oda Godere	*	-	-	-	-	*	*	-	-
Komesha	*	-	-	-	-	*	*	-	-
Mao Komo Special	*	-	-	-	-	-	-	-	-
Kemeshi Zone	14	-	-	-	-	5	35.71	-	-
Yaso	14	-	-	-	-	5	35.71	-	-
Sirba Abay	-	-	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-	-	-
Belo Jegonfoy	-	-	-	-	-	-	-	-	-

TABLE 6.6.2e Lentils

Geographic Area	Lentils								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	42	-	-	-	-	17	40.48	-	-
Metekel Zone	39	-	-	*	*	17	43.59	-	-
Dangur	*	-	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	37	-	-	*	*	17	45.95	-	-
Mandura	-	-	-	-	-	-	-	-	-
Dibate	*	-	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-	-	-
Bulen	*	-	-	-	-	*	*	-	-
Asosa Zone	*	-	-	-	-	-	-	-	-
Menge	*	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	*	-	-	-	-	-	-	-	-

Sherkole	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-
Komesha	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-
Kemeshi Zone	-	-	-	-	-	-
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-
Belo Jefonfov	-	-	-	-	-	-

TABLE 6.6.2f Vetch

[illegible]

TABLE 6.6.2g Soya beans

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	1132	140	12.37	-	-	630	55.65	*	*
Metekel Zone	737	140	19	-	-	617	83.72	*	*
Dangur	*	-	-	-	-	*	*	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-	-	-
Dibate	*	*	*	-	-	*	*	-	-
Pawe	709	138	19.46	-	-	607	85.61	*	*
Bulen	*	-	-	-	-	*	*	-	-
Asosa Zone	394	*	*	*	*	13	3.3	-	-
Menge	*	-	-	-	-	-	-	-	-
Kurmak	7	-	-	-	-	*	*	-	-
Asosa	276	-	-	*	*	*	*	-	-
Sherkole	-	-	-	-	-	-	-	-	-
Bambasi	111	*	*	-	-	*	*	-	-
Oda Godere	-	-	-	-	-	-	-	-	-
Komesha	*	-	-	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-	-	-	-
Kemeshi Zone	*	-	-	-	-	*	*	-	-
Yaso	-	-	-	-	-	-	-	-	-
Sirba Abay	*	-	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-	-	-
Belo Jegonfoy	*	-	-	-	-	*	*	-	-

TABLE 6.6.2h Gibto

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	36	-	-	-	-	*	*	-	-
Metekel Zone	25	-	-	-	-	*	*	-	-
Dangur	-	-	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	14	-	-	-	-	*	*	-	-
Mandura	-	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-	-	-
Pawe	*	-	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-	-	-
Asosa Zone	*	-	-	-	-	*	*	-	-
Menge	-	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	*	-	-	-	-	-	-	-	-
Sherkole	*	-	-	-	-	-	-	-	-
Bambasi	*	-	-	-	-	*	*	-	-
Oda Godere	-	-	-	-	-	-	-	-	-
Komesha	-	-	-	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-	-	-	-
Kemeshi Zone	*	-	-	-	-	*	*	-	-
Yaso	-	-	-	-	-	-	-	-	-
Sirba Abay	*	-	-	-	-	*	*	-	-
Kamashi	-	-	-	-	-	-	-	-	-
Agalo Meti	*	-	-	-	-	-	-	-	-
Belo Jegonfoy	-	-	-	-	-	-	-	-	-

TABLE 6.6.3 RURAL BELG

Geographic	Pulses				
	Total Crop	Improved Seed	Irrigated	Fertilizer	Pesticide

Area	Area	Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	105	*	*	67	63.81	21	20	*	*
Metekel Zone	*	-	-	*	*	*	*	-	-
Dangur	-	-	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	*	-	-	*	*	*	*	-	-
Mandura	-	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-	-	-
Asosa Zone	104	*	*	66	63.46	21	20.19	*	*
Menge	-	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	58	*	*	*	*	16	27.59	*	*
Sherkole	-	-	-	-	-	-	-	-	-
Bambasi	39	-	-	19	48.72	*	*	*	*
Oda Godere	-	-	-	-	-	-	-	-	-
Komesha	*	-	-	*	*	*	*	-	-
Mao Komo Special	7	-	-	*	*	*	*	-	-
Kemeshi Zone	*	-	-	*	*	-	-	-	-
Yaso	-	-	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-	-	-
Agalo Meti	*	-	-	*	*	-	-	-	-
Belo Jegonfoy	-	-	-	-	-	-	-	-	-

TABLE 6.6.4 URBAN HOLDINGS

Geographic Area	Pulses								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	179	12	6.7	*	*	*	*	*	*
Metekel Zone	148	12	8.11	-	-	*	*	-	-
Dangur	15	9	60	-	-	*	*	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	17	*	*	-	-	9	52.94	-	-
Mandura	2	-	-	-	-	2	100	-	-
Dibate	46	-	-	-	-	-	-	-	-
Pawe	*	-	-	-	-	*	*	-	-
Bulen	*	-	-	-	-	-	-	-	-
Asosa Zone	31	-	-	*	*	*	*	*	*
Menge	2	-	-	-	-	-	-	-	-
Kurmak	3	-	-	-	-	-	-	-	-
Asosa	*	-	-	*	*	*	*	-	-
Bambasi	22	-	-	-	-	*	*	*	*

TABLE 6.7: AREA OF CROPLAND UNDER IMPROVED FARM PRACTICES BY CROP CATEGORY IN RURAL AND URBAN AREAS, BOTH SEASONS, FOR PRIVATE HOLDINGS

Geographic Area	Oil Seeds								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	26861	116	0.43	4	0.01	1910	7.11	61	0.23
Metekel Zone	12244	73	0.6	*	*	679	5.55	37	0.3
Dangur	902	*	*	*	*	*	*	-	-

Guba	562	13	2.31	-	-	9	1.6	-	-
Wenbera	688	*	*	-	-	132	19.19	*	*
Mandura	338	*	*	*	*	*	*	*	*
Dibate	3543	*	*	-	-	*	*	*	*
Pawe	4548	*	*	*	*	197	4.33	*	*
Bulen	1663	*	*	-	-	*	*	-	-
Asosa Zone	10789	21	0.19	3	0.03	713	6.61	20	0.19
Menge	945	*	*	-	-	32	3.39	-	-
Kurmak	326	*	*	-	-	57	17.48	-	-
Asosa	5271	-	-	*	*	370	7.02	*	*
Sherkole	284	*	*	*	*	39	13.73	-	-
Bambasi	2687	*	*	*	*	119	4.43	15	0.56
Oda Godere	835	*	*	*	*	88	10.54	-	-
Komesha	231	5	2.16	-	-	4	1.73	*	*
Mao Komo Special	208	*	*	*	*	5	2.4	*	*
Kemeshi Zone	3828	22	0.57	*	*	518	13.53	*	*
Yaso	517	1	0.19	-	-	18	3.48	*	*
Sirba Abay	180	*	*	*	*	57	31.67	-	-
Kamashi	292	4	1.37	*	*	26	8.9	-	-
Agalo Meti	168	*	*	-	-	37	22.02	-	-
Belo Jegonfoy	2671	11	0.41	-	-	380	14.23	*	*

TABLE 6.7.1 RURAL HOLDINGS

Geographic Area	Oil Seeds								
	Total Crop	Improved Seed		Irrigated		Fertilizer		Pesticide	
	Area	Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	25244	116	0.46	4	0.02	1906	7.55	50	0.2
Metekel Zone	10819	73	0.67	*	*	675	6.24	*	*
Dangur	654	*	*	*	*	*	*	-	-
Guba	545	13	2.39	-	-	9	1.65	-	-
Wenbera	673	*	*	-	-	129	19.17	-	-
Mandura	333	*	*	*	*	*	*	*	*
Dibate	3510	*	*	-	-	*	*	*	*
Pawe	3507	*	*	*	*	197	5.62	*	*
Bulen	1597	*	*	-	-	*	*	-	-
Asosa Zone	10597	21	0.2	3	0.03	713	6.73	*	*
Menge	943	*	*	-	-	32	3.39	-	-
Kurmak	318	*	*	-	-	57	17.92	-	-
Asosa	5220	-	-	*	*	369	7.07	*	*
Sherkole	284	*	*	*	*	39	13.73	-	-
Bambasi	2557	*	*	*	*	119	4.65	*	*
Oda Godere	835	*	*	*	*	88	10.54	-	-
Komesha	231	5	2.16	-	-	4	1.73	*	*
Mao Komo Special	208	*	*	*	*	5	2.4	*	*
Kemeshi Zone	3828	22	0.57	*	*	518	13.53	*	*
Yaso	517	1	0.19	-	-	18	3.48	*	*
Sirba Abay	180	*	*	*	*	57	31.67	-	-
Kamashi	292	4	1.37	*	*	26	8.9	-	-
Agalo Meti	168	*	*	-	-	37	22.02	-	-
Belo Jegonfoy	2671	11	0.41	-	-	380	14.23	*	*

TABLE 6.7.2 RURAL MEHER

Geographic Area	Oil Seeds								
	Total Crop	Improved Seed		Irrigated		Fertilizer		Pesticide	
	Area	Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	25244	116	0.46	3	0.01	1905	7.55	50	0.2
Metekel Zone	10819	73	0.67	*	*	675	6.24	*	*
Dangur	654	*	*	*	*	*	*	-	-
Guba	545	13	2.39	-	-	9	1.65	-	-
Wenbera	673	*	*	-	-	129	19.17	-	-
Mandura	333	*	*	*	*	*	*	*	*
Dibate	3510	*	*	-	-	*	*	*	*
Pawe	3507	*	*	*	*	197	5.62	*	*

Bulen	1597	*	*	-	-	*	*	-	-
Asosa Zone	10597	21	0.2	3	0.03	712	6.72	*	*
Menge	943	*	*	-	-	32	3.39	-	-
Kurmak	318	*	*	-	-	57	17.92	-	-
Asosa	5220	-	-	*	*	369	7.07	*	*
Sherkole	284	*	*	*	*	39	13.73	-	-
Bambasi	2557	*	*	*	*	119	4.65	*	*
Oda Godere	835	*	*	*	*	88	10.54	-	-
Komesha	231	5	2.16	-	-	4	1.73	*	*
Mao Komo Special	208	*	*	-	-	5	2.4	*	*
Kemeshi Zone	3828	22	0.57	*	*	518	13.53	*	*
Yaso	517	1	0.19	-	-	18	3.48	*	*
Sirba Abay	180	*	*	*	*	57	31.67	-	-
Kamashi	292	4	1.37	-	-	26	8.9	-	-
Agalo Meti	168	*	*	-	-	37	22.02	-	-
Belo Jegonfoy	2671	11	0.41	-	-	380	14.23	*	*

TABLE 6.7.2a Nueg

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	13433	*	*	*	*	849	6.32	*	*
Metekel Zone	5874	*	*	*	*	395	6.72	*	*
Dangur	34	*	*	-	-	*	*	-	-
Guba	65	*	*	-	-	*	*	-	-
Wenbera	495	*	*	-	-	98	19.8	-	-
Mandura	252	-	-	-	-	*	*	*	*
Dibate	3229	-	-	-	-	*	*	*	*
Pawe	325	*	*	*	*	*	*	-	-
Bulen	1474	-	-	-	-	*	*	-	-
Asosa Zone	7048	-	-	-	-	403	5.72	*	*
Menge	89	-	-	-	-	*	*	-	-
Kurmak	51	-	-	-	-	*	*	-	-
Asosa	4599	-	-	-	-	336	7.31	*	*
Sherkole	10	-	-	-	-	3	30	-	-
Bambasi	2082	-	-	-	-	59	2.83	*	*
Oda Godere	19	-	-	-	-	*	*	-	-
Komesha	142	-	-	-	-	*	*	*	*
Mao Komo Special	56	-	-	-	-	*	*	-	-
Kemeshi Zone	510	*	*	-	-	51	10	*	*
Yaso	163	-	-	-	-	7	4.29	-	-
Sirba Abay	*	-	-	-	-	*	*	-	-
Kamashi	113	*	*	-	-	18	15.93	-	-
Agalo Meti	18	-	-	-	-	*	*	-	-
Belo Jegonfoy	215	-	-	-	-	24	11.16	*	*

TABLE 6.7.2b Linseed

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	200	-	-	*	*	23	11.5	*	*
Metekel Zone	93	-	-	-	-	11	11.83	-	-
Dangur	18	-	-	-	-	*	*	-	-
Guba	*	-	-	-	-	-	-	-	-
Wenbera	65	-	-	-	-	9	13.85	-	-
Mandura	-	-	-	-	-	-	-	-	-
Dibate	8	-	-	-	-	-	-	-	-
Pawe	*	-	-	-	-	-	-	-	-
Bulen	*	-	-	-	-	*	*	-	-
Asosa Zone	99	-	-	*	*	8	8.08	*	*
Menge	*	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	49	-	-	*	*	*	*	-	-

Sherkole	*	-	-	-	-	-	-
Bambasi	24	-	-	-	-	*	*
Oda Godere	*	-	-	-	-	*	*
Komesha	3	-	-	-	-	*	*
Mao Komo Special	17	-	-	-	-	*	*
Kemeshi Zone	8	-	-	-	-	*	*
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	*	-	-	-	-	-	-
Agalo Meti	*	-	-	-	-	-	-
Belo Jefonfov	7	-	-	-	-	*	*

TABLE 6.7.2C Groundnuts

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	2388	*	*	*	*	44	1.84	*	*
Metekel Zone	1917	*	*	-	-	28	1.46	*	*
Dangur	*	-	-	-	-	*	*	-	-
Guba	10	-	-	-	-	*	*	-	-
Wenbera	*	-	-	-	-	-	-	-	-
Mandura	*	-	-	-	-	-	-	*	*
Dibate	225	*	*	-	-	*	*	*	*
Pawe	1306	*	*	-	-	22	1.68	*	*
Bulen	*	*	*	-	-	-	-	-	-
Asosa Zone	439	*	*	*	*	15	3.42	*	*
Menge	75	*	*	-	-	*	*	-	-
Kurmak	38	-	-	-	-	1	2.63	-	-
Asosa	246	-	-	*	*	*	*	*	*
Sherkole	7	-	-	-	-	*	*	-	-
Bambasi	19	-	-	-	-	*	*	-	-
Oda Godere	17	-	-	-	-	1	5.88	-	-
Komesha	29	-	-	-	-	1	3.45	-	-
Mao Komo Special	7	-	-	-	-	*	*	-	-
Kemeshi Zone	33	*	*	-	-	1	3.03	-	-
Yaso	*	-	-	-	-	-	-	-	-
Sirba Abay	3	*	*	-	-	*	*	-	-
Kamashi	5	*	*	-	-	*	*	-	-
Agalo Meti	4	-	-	-	-	1	25	-	-
Belo Jigonfov	21	-	-	-	-	-	-	-	-

TABLE 6.7.2d Sufflower

[illegible]

Mao Komo Special	-	-	-	-	-	-	-
Kemeshi Zone	*	-	-	-	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	*	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jegonfoy	*	-	-	-	-	-	-

TABLE 6.7.2e Sesame

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	9028	77	0.85	*	*	924	10.23	*	*
Metekel Zone	2792	38	1.36	*	*	198	7.09	*	*
Dangur	225	*	*	-	-	*	*	-	-
Guba	469	12	2.56	-	-	7	1.49	-	-
Wenbera	86	-	-	-	-	*	*	-	-
Mandura	76	*	*	*	*	*	*	-	-
Dibate	*	-	-	-	-	*	*	-	-
Pawe	1823	*	*	-	-	160	8.78	*	*
Bulen	85	*	*	-	-	-	-	-	-
Asosa Zone	2960	18	0.61	*	*	264	8.92	*	*
Menge	776	*	*	-	-	30	3.87	-	-
Kurmak	228	*	*	-	-	55	24.12	-	-
Asosa	306	-	-	-	-	*	*	-	-
Sherkole	266	*	*	*	*	35	13.16	-	-
Bambasi	430	*	*	*	*	57	13.26	*	*
Oda Godere	775	*	*	*	*	81	10.45	-	-
Komesha	57	5	8.77	-	-	*	*	*	*
Mao Komo Special	121	*	*	-	-	-	-	-	-
Kemeshi Zone	3277	21	0.64	*	*	462	14.1	*	*
Yaso	352	1	0.28	-	-	11	3.13	*	*
Sirba Abay	176	*	*	*	*	57	32.39	-	-
Kamashi	174	3	1.72	-	-	7	4.02	-	-
Agalo Meti	145	*	*	-	-	35	24.14	-	-
Belo Jegonfoy	2429	11	0.45	-	-	352	14.49	-	-

TABLE 6.7.2f Rapeseed

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	100	*	*	*	*	62	62	*	*
Metekel Zone	72	*	*	*	*	40	55.56	*	*
Dangur	18	-	-	*	*	6	33.33	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	22	*	*	-	-	20	90.91	-	-
Mandura	*	*	*	-	-	*	*	*	*
Dibate	20	-	-	-	-	*	*	-	-
Pawe	*	-	-	-	-	*	*	-	-
Bulen	*	-	-	-	-	*	*	-	-
Asosa Zone	28	-	-	*	*	22	78.57	-	-
Menge	-	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	*	-	-	*	*	*	*	-	-
Sherkole	-	-	-	-	-	-	-	-	-
Bambasi	*	-	-	-	-	*	*	-	-
Oda Godere	*	-	-	-	-	*	*	-	-
Komesha	*	-	-	-	-	-	-	-	-
Mao Komo Special	6	-	-	-	-	*	*	-	-
Kemeshi Zone	*	*	*	-	-	-	-	-	-
Yaso	-	-	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-	-	-
Kamashi	*	*	*	-	-	-	-	-	-

Agalo Meti	-	-	-	-	-	-	-
Belo Jigonfoy	*	-	-	-	-	-	-

TABLE 6.7.3 URBAN HOLDINGS

Geographic Area	Oil Seeds								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	1617	-	-	-	-	*	*	11	0.68
Metekel Zone	1425	-	-	-	-	*	*	*	*
Dangur	247	-	-	-	-	-	-	-	-
Guba	17	-	-	-	-	-	-	-	-
Wenbera	15	-	-	-	-	*	*	*	*
Mandura	6	-	-	-	-	-	-	-	-
Dibate	33	-	-	-	-	-	-	-	-
Pawe	*	-	-	-	-	-	-	-	-
Bulen	66	-	-	-	-	-	-	-	-
Asosa Zone	192	-	-	-	-	*	*	*	*
Menge	2	-	-	-	-	-	-	-	-
Kurmak	8	-	-	-	-	-	-	-	-
Asosa	51	-	-	-	-	*	*	-	-
Bambasi	131	-	-	-	-	-	-	*	*

TABLE 6.8 AREA OF CROPLAND UNDER IMPROVED FARM PRACTICES BY CROP CATEGORY IN RURAL AND URBAN AREAS, BOTH SEASONS, FOR PRIVATE HOLDINGS

Geographic Area	Other Grains									
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide		
		Area	%	Area	%	Area	%	Area	%	
Benshangul-Gumuz	395	*	*	*	*	37	9.37	-	-	
Metekel Zone	164	*	*	*	*	13	7.93	-	-	
Dangur	*	-	-	-	-	*	*	-	-	
Guba	1	-	-	-	-	-	-	-	-	
Wenbera	*	-	-	-	-	*	*	-	-	
Mandura	33	*	*	*	*	*	*	-	-	
Dibate	61	-	-	*	*	*	*	-	-	
Pawe	12	-	-	-	-	2	16.67	-	-	
Bulen	*	-	-	-	-	*	*	-	-	
Asosa Zone	150	*	*	*	*	17	11.33	-	-	
Menge	28	-	-	-	-	*	*	-	-	
Kurmak	5	-	-	-	-	*	*	-	-	
Asosa	17	-	-	*	*	3	17.65	-	-	
Sherkole	46	*	*	-	-	7	15.22	-	-	
Bambasi	25	*	*	*	*	5	20	-	-	
Oda Godere	3	-	-	-	-	*	*	-	-	
Komesha	3	-	-	-	-	*	*	-	-	
Mao Komo Special	23	-	-	-	-	*	*	-	-	
Kemeshi Zone	81	-	-	*	*	7	8.64	-	-	
Yaso	35	-	-	-	-	1	2.86	-	-	
Sirba Abay	2	-	-	-	-	*	*	-	-	
Kamashi	25	-	-	-	-	*	*	-	-	
Agalo Meti	15	-	-	*	*	6	40	-	-	
Belo Jigonfoy	4	-	-	-	-	*	*	-	-	

TABLE 6.8.1 RURAL HOLDINGS

Geographic Area	Other Grains								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	386	*	*	*	*	37	9.59	-	-
Metekel Zone	157	*	*	*	*	13	8.28	-	-
Dangur	*	-	-	-	-	*	*	-	-
Guba	1	-	-	-	-	-	-	-	-
Wenbera	*	-	-	-	-	*	*	-	-
Mandura	33	*	*	*	*	*	*	-	-
Dibate	61	-	-	*	*	*	*	-	-
Pawe	12	-	-	-	-	2	16.67	-	-
Bulen	*	-	-	-	-	*	*	-	-
Asosa Zone	147	*	*	*	*	17	11.56	-	-
Menge	28	-	-	-	-	*	*	-	-
Kurmak	5	-	-	-	-	*	*	-	-
Asosa	17	-	-	*	*	3	17.65	-	-
Sherkole	46	*	*	-	-	7	15.22	-	-
Bambasi	23	*	*	*	*	5	21.74	-	-
Oda Godere	3	-	-	-	-	*	*	-	-
Komesha	3	-	-	-	-	*	*	-	-
Mao Komo Special	23	-	-	-	-	*	*	-	-
Kemeshi Zone	81	-	-	*	*	7	8.64	-	-
Yaso	35	-	-	-	-	1	2.86	-	-
Sirba Abay	2	-	-	-	-	*	*	-	-
Kamashi	25	-	-	-	-	*	*	-	-
Agalo Meti	15	-	-	*	*	6	40	-	-
Belo Jefonfoy	4	-	-	-	-	*	*	-	-

TABLE 6.8.2 RURAL MEHER

Geographic Area	Other Grains								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	379	*	*	*	*	37	9.76	-	-
Metekel Zone	157	*	*	*	*	13	8.28	-	-
Dangur	*	-	-	-	-	*	*	-	-
Guba	1	-	-	-	-	-	-	-	-
Wenbera	*	-	-	-	-	*	*	-	-
Mandura	33	*	*	*	*	*	*	-	-
Dibate	61	-	-	*	*	*	*	-	-
Pawe	12	-	-	-	-	2	16.67	-	-
Bulen	*	-	-	-	-	*	*	-	-
Asosa Zone	141	*	*	*	*	16	11.35	-	-
Menge	28	-	-	-	-	*	*	-	-
Kurmak	5	-	-	-	-	*	*	-	-
Asosa	17	-	-	*	*	3	17.65	-	-
Sherkole	46	*	*	-	-	7	15.22	-	-
Bambasi	16	*	*	-	-	5	31.25	-	-
Oda Godere	3	-	-	-	-	*	*	-	-
Komesha	3	-	-	-	-	*	*	-	-
Mao Komo Special	23	-	-	-	-	*	*	-	-
Kemeshi Zone	81	-	-	*	*	7	8.64	-	-
Yaso	35	-	-	-	-	1	2.86	-	-
Sirba Abay	2	-	-	-	-	*	*	-	-
Kamashi	25	-	-	-	-	*	*	-	-
Agalo Meti	15	-	-	*	*	6	40	-	-
Belo Jefonfoy	4	-	-	-	-	*	*	-	-

TABLE 6.9 AREA OF CROPLAND UNDER IMPROVED FARM PRACTICES BY CROP CATEGORY IN RURAL AND URBAN AREAS, BOTH SEASONS, FORPRIVATE HOLDINGS

Geographic Area	Vegetables								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%

Benshangul-Gumuz	1587	8	0.5	37	2.33	539	33.96	7	0.44
Metekel Zone	608	*	*	10	1.64	154	25.33	*	*
Dangur	100	*	*	*	*	7	7	-	-
Guba	29	*	*	-	-	*	*	-	-
Wenbera	26	*	*	*	*	*	*	-	-
Mandura	24	*	*	-	-	7	29.17	*	*
Dibate	168	-	-	*	*	81	48.21	-	-
Pawe	183	*	*	2	1.09	36	19.67	*	*
Bulen	78	*	*	-	-	16	20.51	-	-
Asosa Zone	799	1	0.13	25	3.13	307	38.42	5	0.63
Menge	79	*	*	*	*	16	20.25	*	*
Kurmak	18	-	-	-	-	5	27.78	*	*
Asosa	183	*	*	17	9.29	89	48.63	*	*
Sherkole	43	-	-	*	*	12	27.91	-	-
Bambasi	310	*	*	4	1.29	138	44.52	*	*
Oda Godere	124	*	*	*	*	40	32.26	*	*
Komesha	19	*	*	2	10.53	3	15.79	*	*
Mao Komo Special	22	*	*	*	*	6	27.27	-	-
Kemeshi Zone	179	1	0.56	2	1.12	78	43.58	-	-
Yaso	38	-	-	-	-	9	23.68	-	-
Sirba Abay	41	-	-	-	-	33	80.49	-	-
Kamashi	14	1	7.14	2	14.29	3	21.43	-	-
Agalo Meti	11	-	-	*	*	6	54.55	-	-
Belo Jegonfoy	75	*	*	*	*	27	36	-	-

TABLE 6.9.1 RURAL HOLDINGS

Geographic Area	Vegetables								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	1485	4	0.27	36	2.42	532	35.82	7	0.47
Metekel Zone	531	1	0.19	10	1.88	154	29	*	*
Dangur	85	-	-	*	*	7	8.24	-	-
Guba	29	*	*	-	-	*	*	-	-
Wenbera	26	*	*	*	*	*	*	-	-
Mandura	24	*	*	-	-	7	29.17	*	*
Dibate	167	-	-	*	*	81	48.5	-	-
Pawe	127	*	*	2	1.57	36	28.35	*	*
Bulen	73	*	*	-	-	16	21.92	-	-
Asosa Zone	774	1	0.13	24	3.1	301	38.89	5	0.65
Menge	79	*	*	*	*	16	20.25	*	*
Kurmak	18	-	-	-	-	5	27.78	*	*
Asosa	182	*	*	17	9.34	89	48.9	*	*
Sherkole	43	-	-	*	*	12	27.91	-	-
Bambasi	287	*	*	3	1.05	131	45.64	*	*
Oda Godere	124	*	*	*	*	40	32.26	*	*
Komesha	19	*	*	2	10.53	3	15.79	*	*
Mao Komo Special	22	*	*	*	*	6	27.27	-	-
Kemeshi Zone	179	1	0.56	2	1.12	78	43.58	-	-
Yaso	38	-	-	-	-	9	23.68	-	-
Sirba Abay	41	-	-	-	-	33	80.49	-	-
Kamashi	14	1	7.14	2	14.29	3	21.43	-	-
Agalo Meti	11	-	-	*	*	6	54.55	-	-
Belo Jegonfoy	75	*	*	*	*	27	36	-	-

TABLE 6.9.2 RURAL MEHER

Geographic Area	Vegetables								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	1448	1	0.07	9	0.62	515	35.57	5	0.35
Metekel Zone	525	*	*	*	*	149	28.38	*	*
Dangur	85	-	-	-	-	7	8.24	-	-
Guba	29	*	*	-	-	*	*	-	-
Wenbera	*	-	-	*	*	*	*	-	-

Mandura	24	*	*	-	-	7	29.17	*	*
Dibate	167	-	-	*	*	81	48.5	-	-
Pawe	124	-	-	-	-	35	28.23	*	*
Bulen	73	*	*	-	-	16	21.92	-	-
Asosa Zone	745	*	*	*	*	288	38.66	4	0.54
Menge	78	*	*	*	*	16	20.51	*	*
Kurmak	18	-	-	-	-	5	27.78	*	*
Asosa	168	*	*	*	*	79	47.02	*	*
Sherkole	43	-	-	*	*	12	27.91	-	-
Bambasi	279	-	-	*	*	131	46.95	*	*
Oda Godere	124	*	*	*	*	40	32.26	*	*
Komesha	14	*	*	-	-	2	14.29	-	-
Mao Komo Special	21	*	*	*	*	5	23.81	-	-
Kemeshi Zone	178	*	*	1	0.56	78	43.82	-	-
Yaso	38	-	-	-	-	9	23.68	-	-
Sirba Abay	41	-	-	-	-	33	80.49	-	-
Kamashi	13	-	-	*	*	3	23.08	-	-
Agalo Meti	11	-	-	*	*	6	54.55	-	-
Belo Jefonfoy	75	*	*	*	*	27	36	-	-

TABLE 6.9.2a Head cabbage

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	2	*	*	-	-	1	50	-	-
Metekel Zone	*	-	-	-	-	*	*	-	-
Dangur	-	-	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	*	-	-	-	-	*	*	-	-
Mandura	-	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-	-	-
Asosa Zone	2	*	*	-	-	1	50	-	-
Menge	*	-	-	-	-	*	*	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	1	*	*	-	-	*	*	-	-
Sherkole	-	-	-	-	-	-	-	-	-
Bambasi	*	-	-	-	-	*	*	-	-
Oda Godere	-	-	-	-	-	-	-	-	-
Komesha	*	*	*	-	-	*	*	-	-
Mao Komo Special	-	-	-	-	-	-	-	-	-
Kemeshi Zone	*	*	*	-	-	*	*	-	-
Yaso	-	-	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-	-	-
Belo Jefonfoy	*	*	*	-	-	*	*	-	-

TABLE 6.9.2b Kale

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	*	*	*	-	-	5	*	-	-
Metekel Zone	5	*	*	-	-	4	80	-	-
Dangur	-	-	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-	-	-
Mandura	*	-	-	-	-	*	*	-	-
Dibate	*	-	-	-	-	*	*	-	-
Pawe	4	-	-	-	-	*	*	-	-

Bulen	*	*	*	-	-	-	-	-
Asosa Zone	*			-	-	*	*	
Menge	-	-		-	-	-	-	-
Kurmak	-	-		-	-	-	-	-
Asosa	*	-	-	-	-	*	*	-
Sherkole	-	-	-	-	-	-	-	-
Bambasi	*	-	-	-	-	*	*	-
Oda Godere	*	-	-	-	-	*	*	-
Komesha	*	-		-	-	-	-	-
Mao Komo Special	*	-	-	-	-	-	-	-
Kemeshi Zone	*	-	-	-	-	*	*	-
Yaso		-	-	-	-	-	-	-
Sirba Abay	-		-	-	-	-	-	-
Kamashi	*	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-	-
Belo Jigonfo	*	-	-	-	-	*	*	-

TABLE 6.9.2c Tomatoes

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	5	-	-	*	*	2	40	-	-
Metekel Zone	*	-	-	*	*	*	*	-	-
Dangur	-	-	-	-	-	-	-	-	-
Guba	*	-	-	-	-	*	*	-	-
Wenbera	*	-	-	*	*	*	*	-	-
Mandura	*	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-	-	-
Pawe	*	-	-	-	-	*	*	-	-
Bulen	-	-	-	-	-	-	-	-	-
Asosa Zone	4	-	-	*	*	*	*	-	-
Menge	*	-	-	*	*	*	*	-	-
Kurmak	*	-	-	-	-	*	*	-	-
Asosa	*	-	-	*	*	*	*	-	-
Sherkole	*	-	-	-	-	*	*	-	-
Bambasi	*	-	-	-	-	-	-	-	-
Oda Godere	*	-	-	-	-	*	*	-	-
Komesha	*	-	-	-	-	*	*	-	-
Mao Komo Special	*	-	-	-	-	*	*	-	-
Kemeshi Zone	*	-	-	-	-	*	*	-	-
Yaso	*	-	-	-	-	-	-	-	-
Sirba Abay	*	-	-	-	-	*	*	-	-
Kamashi	*	-	-	-	-	-	-	-	-
Agalo Meti	*	-	-	-	-	*	*	-	-
Belo Jigonfov	*	-	-	-	-	*	*	-	-

TABLE 6.9.2d Green peppers

[illegible]

Asosa	*	-	-	-	-	*	*	-	-
Sherkole	*	-	-	-	-	-	-	-	-
Bambasi	1	-	-	*	*	*	*	-	-
Oda Godere	*	-	-	-	-	*	*	-	-
Komesha	*	-	-	-	-	*	*	-	-
Mao Komo Special	1	-	-	-	-	*	*	-	-
Kemeshi Zone	10	*	*	-	-	5	50	-	-
Yaso	1	-	-	-	-	1	100.00	-	-
Sirba Abay	-	-	-	-	-	-	-	-	-
Kamashi	*	-	-	-	-	-	-	-	-
Agalo Meti	1	-	-	-	-	*	*	-	-
Belo Jegonfoy	8	*	*	-	-	4	50	-	-

TABLE 6.9.2e Red peppers

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	816	*	*	6	0.74	327	40.07	4	0.49
Metekel Zone	363	*	*	*	*	114	31.4	*	*
Dangur	30	-	-	-	-	*	*	-	-
Guba	*	-	-	-	-	-	-	-	-
Wenbera	2	-	-	*	*	*	*	-	-
Mandura	9	*	*	-	-	2	22.22	*	*
Dibate	145	-	-	*	*	69	47.59	-	-
Pawe	107	-	-	-	-	24	22.43	*	*
Bulen	69	-	-	-	-	14	20.29	-	-
Asosa Zone	384	-	-	*	*	188	48.96	*	*
Menge	3	-	-	-	-	*	*	-	-
Kurmak	*	-	-	-	-	*	*	-	-
Asosa	99	-	-	*	*	53	53.54	*	*
Sherkole	*	-	-	-	-	*	*	-	-
Bambasi	268	-	-	-	-	128	47.76	*	*
Oda Godere	12	-	-	*	*	6	50	-	-
Komesha	*	-	-	-	-	*	*	-	-
Mao Komo Special	2	-	-	-	-	1	50	-	-
Kemeshi Zone	69	-	-	*	*	25	36.23	-	-
Yaso	17	-	-	-	-	7	41.18	-	-
Sirba Abay	1	-	-	-	-	*	*	-	-
Kamashi	7	-	-	*	*	1	14.29	-	-
Agalo Meti	1	-	-	*	*	*	*	-	-
Belo Jegonfoy	43	-	-	-	-	15	34.88	-	-

TABLE 6.9.2f Other Vegetables

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	565	*	*	*	*	166	29.38	*	*
Metekel Zone	145	*	*	*	*	24	16.55	-	-
Dangur	55	-	-	-	-	*	*	-	-
Guba	29	*	*	-	-	*	*	-	-
Wenbera	*	-	-	-	-	*	*	-	-
Mandura	12	*	*	-	-	3	25	-	-
Dibate	18	-	-	*	*	*	*	-	-
Pawe	10	-	-	-	-	6	60	-	-
Bulen	*	-	-	-	-	*	*	-	-
Asosa Zone	321	*	*	*	*	94	29.28	*	*
Menge	74	*	*	-	-	16	21.62	*	*
Kurmak	17	-	-	-	-	4	23.53	*	*
Asosa	41	-	-	-	-	23	56.1	-	-
Sherkole	43	-	-	*	*	11	25.58	-	-
Bambasi	6	-	-	-	-	2	33.33	-	-
Oda Godere	111	-	-	-	-	33	29.73	*	*
Komesha	12	-	-	-	-	2	16.67	-	-
Mao Komo Special	18	*	*	*	*	3	16.67	-	-
Kemeshi Zone	98	-	-	*	*	48	48.98	-	-

Yaso	20	-	-	-	-	1	5	-	-
Sirba Abay	40	-	-	-	-	32	80	-	-
Kamashi	6	-	-	-	-	*	*	-	-
Agalo Meti	9	-	-	-	-	5	55.56	-	-
Belo Jefonfoy	23	-	-	*	*	8	34.78	-	-

TABLE 6.9.3 RURAL BELG

Geographic Area	Vegetables								
	Total Crop	Improved Seed		Irrigated		Fertilizer		Pesticide	
	Area	Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	37	*	*	27	72.97	17	45.95	2	5.41
Metekel Zone	6	*	*	6	100.00	*	*	*	
Dangur	*	-	-	*	*	-	-	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	*	-	-	*	*	*	*	-	-
Mandura	-	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-	-	-
Pawe	2	*	*	2	100	*	*	*	*
Bulen	-	-	-	-	-	-	-	-	-
Asosa Zone	29	*	*	19	65.52	13	44.83	2	6.9
Menge	*	-	-	*	*	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	14	*	*	13	92.86	10	71.43	*	*
Sherkole	-	-	-	-	-	-	-	-	-
Bambasi	8	-	-	3	37.5	1	12.5	*	*
Oda Godere	*	-	-	*	*	-	-	-	-
Komesha	*	-	-	2	*	*	*	*	*
Mao Komo Special	*	*	*	*	*	*	*	-	-
Kemeshi Zone	2	*	*	2	100	-	-	-	-
Yaso	-	-	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-	-	-
Kamashi	1	*	*	1	100	-	-	-	-
Agalo Meti	*	-	-	*	*	-	-	-	-
Belo Jefonfoy	-	-	-	-	-	-	-	-	-

TABLE 6.9.4 URBAN HOLDINGS

Geographic Area	Vegetables								
	Total Crop	Improved Seed		Irrigated		Fertilizer		Pesticide	
	Area	Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz Killil	102	*	*	*	*	7	6.86	-	-
Metekel Zone	*	*	*	-	-	*	*	-	-
Dangur	14	*	*	-	-	-	-	-	-
Guba	*	-	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-	-	-
Dibate	*	-	-	-	-	-	-	-	-
Pawe	*	-	-	-	-	-	-	-	-
Bulen	*	-	-	-	-	*	*	-	-
Asosa Zone	25	-	-	*	*	6	24	-	-
Menge	1	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	*	-	-	-	-	*	*	-	-
Bambasi	23	-	-	*	*	6	26.09	-	-

TABLE 6.10.AREA OF CROPLAND UNDER IMPROVED FARM PRACTICES BY CROP CATEGORY IN RURALAND URBAN AREAS, BOTH SEASONS, FOR PRIVATE HOLDINGS

Geographic Area	Root Crops								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	1171	*	*	83	7.09	430	36.72	*	*
Metekel Zone	488	*	*	47	9.63	243	49.8	-	-
Dangur	85	-	-	*	*	54	63.53	-	-
Guba	*	-	-	-	-	-	-	-	-
Wenbera	349	*	*	46	13.18	172	49.28	-	-
Mandura	*	-	-	-	-	-	-	-	-
Dibate	31	-	-	*	*	*	*	-	-
Pawe	20	-	-	-	-	9	45	-	-
Bulen	*	*	*	-	-	*	*	-	-
Asosa Zone	592	*	*	29	4.9	154	26.01	*	*
Menge	92	*	*	*	*	5	5.43	-	-
Kurmak	28	-	-	-	-	6	21.43	-	-
Asosa	244	*	*	15	6.15	84	34.43	*	*
Sherkole	36	-	-	*	*	10	27.78	-	-
Bambasi	60	-	-	10	16.67	16	26.67	-	-
Oda Godere	49	*	*	*	*	23	46.94	-	-
Komesha	58	*	*	3	5.17	7	12.07	*	*
Mao Komo Special	25	*	*	*	*	5	20	-	-
Kemeshi Zone	91	*	*	7	7.69	32	35.16	-	-
Yaso	6	-	-	-	-	*	*	-	-
Sirba Abay	6	-	-	-	-	2	33.33	-	-
Kamashi	33	*	*	5	15.15	14	42.42	-	-
Agalo Meti	24	-	-	*	*	8	33.33	-	-
Belo Jegonfoy	22	*	*	-	-	7	31.82	-	-

TABLE 6.10.1 RURAL HOLDINGS

Geographic Area	Root Crops								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	1152	*	*	83	7.2	413	35.85	*	*
Metekel Zone	471	*	*	47	9.98	227	48.2	-	-
Dangur	85	-	-	*	*	54	63.53	-	-
Guba	*	-	-	-	-	-	-	-	-
Wenbera	331	*	*	46	13.9	155	46.83	-	-
Mandura	*	-	-	-	-	-	-	-	-
Dibate	31	-	-	*	*	*	*	-	-
Pawe	20	-	-	-	-	9	45	-	-
Bulen	*	*	*	-	-	*	*	-	-
Asosa Zone	591	*	*	29	4.91	154	26.06	*	*
Menge	92	*	*	*	*	5	5.43	-	-
Kurmak	28	-	-	-	-	6	21.43	-	-
Asosa	244	*	*	15	6.15	84	34.43	*	*
Sherkole	36	-	-	*	*	10	27.78	-	-
Bambasi	59	-	-	10	16.95	16	27.12	-	-
Oda Godere	49	*	*	*	*	23	46.94	-	-
Komesha	58	*	*	3	5.17	7	12.07	*	*
Mao Komo Special	25	*	*	*	*	5	20	-	-
Kemeshi Zone	91	*	*	7	7.69	32	35.16	-	-
Yaso	6	-	-	-	-	*	*	-	-
Sirba Abay	6	-	-	-	-	2	33.33	-	-
Kamashi	33	*	*	5	15.15	14	42.42	-	-
Agalo Meti	24	-	-	*	*	8	33.33	-	-
Belo Jegonfoy	22	*	*	-	-	7	31.82	-	-

TABLE 6.10.2 RURAL MEHER

Geographic Area	Root Crops								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	775	*	*	9	1.16	241	31.1	*	*
Metekel Zone	121	*	*	*	*	64	52.89	-	-
Dangur	12	-	-	*	*	6	50	-	-
Guba	*	-	-	-	-	-	-	-	-
Wenbera	54	*	*	*	*	40	74.07	-	-
Mandura	*	-	-	-	-	-	-	-	-
Dibate	31	-	-	*	*	*	*	-	-
Pawe	20	-	-	-	-	9	45	-	-
Bulen	*	*	*	-	-	*	*	-	-
Asosa Zone	568	*	*	*	*	145	25.53	*	*
Menge	92	*	*	*	*	5	5.43	-	-
Kurmak	28	-	-	-	-	6	21.43	-	-
Asosa	234	-	-	*	*	78	33.33	-	-
Sherkole	36	-	-	*	*	10	27.78	-	-
Bambasi	50	-	-	*	*	16	32	-	-
Oda Godere	49	*	*	*	*	23	46.94	-	-
Komesha	55	*	*	*	*	4	7.27	*	*
Mao Komo Special	25	*	*	-	-	5	20	-	-
Kemeshi Zone	85	*	*	*	*	32	37.65	-	-
Yaso	6	-	-	-	-	*	*	-	-
Sirba Abay	6	-	-	-	-	2	33.33	-	-
Kamashi	28	-	-	-	-	14	50	-	-
Agalo Meti	24	-	-	*	*	8	33.33	-	-
Belo Jigonfo	22	*	*	-	-	7	31.82	-	-

TABLE 6.10.2a Carrot

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	1	*	*	-	-	1	100.00	-	-
Metekel Zone	*	-	-	-	-	-	-	-	-
Dangur	*	-	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-	-	-
Mandura	*	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-	-	-
Asosa Zone	1	*	*	-	-	*	*	-	-
Menge	*	-	-	-	-	*	*	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	*	-	-	-	-	*	*	-	-
Sherkole	-	-	-	-	-	-	-	-	-
Bambasi	*	-	-	-	-	*	*	-	-
Oda Godere	*	*	*	-	-	*	*	-	-
Komesha	*	-	-	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-	-	-	-
Kemeshi Zone	*	*	*	-	-	*	*	-	-
Yaso	-	-	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-	-	-
Belo Jigonfo	*	*	*	-	-	*	*	-	-

TABLE 6.10.2b Onions

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	19	*	*	1	5.26	9	47.37	-	-

Metekel Zone	3	*	*	*	*	2	66.67	-
Dangur	1	-	-	*	*	*	*	-
Guba	-	-	-	-	-	-	-	-
Wenbera	2	*	*	*	*	1	50	-
Mandura	-	-	-	-	-	-	-	-
Dibate	*	-	-	-	-	*	*	-
Pawe	-	-	-	-	-	-	-	-
Bulen	*	*	*	-	-	-	-	-
Asosa Zone	14	*	*	*	*	7	50	-
Menge	*	-	-	*	*	*	*	-
Kurmak	*	-	-	-	-	*	*	-
Asosa	*	-	-	-	-	*	*	-
Sherkole	*	-	-	-	-	-	-	-
Bambasi	*	-	-	-	-	*	*	-
Oda Godere	2	-	-	-	-	1	50	-
Komesha	4	*	*	*	*	1	25	-
Mao Komo Special	5	-	-	-	-	1	20	-
Kemeshi Zone	1	*	*	*	*	1	100	-
Yaso	*	-	-	-	-	*	*	-
Sirba Abay	-	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-	-
Agalo Meti	*	-	-	*	*	*	*	-
Bejo Jegonfov	*	*	*	-	-	*	*	-

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	102	*	*	*	*	46	45.1	-	-
Metekel Zone	65	-	-	*	*	35	53.85	-	-
Dangur	*	-	-	-	-	*	*	-	-
Guba	*	-	-	-	-	-	-	-	-
Wenbera	41	-	-	*	*	32	78.05	-	-
Mandura	-	-	-	-	-	-	-	-	-
Dibate	19	-	-	-	-	*	*	-	-
Pawe	*	-	-	-	-	*	*	-	-
Bulen	*	-	-	-	-	*	*	-	-
Asosa Zone	20	*	*	-	-	6	30	-	-
Menge	5	-	-	-	-	*	*	-	-
Kurmak	*	-	-	-	-	-	-	-	-
Asosa	*	-	-	-	-	*	*	-	-
Sherkole	*	-	-	-	-	-	-	-	-
Bambasi	3	-	-	-	-	2	66.67	-	-
Oda Godere	4	-	-	-	-	2	50	-	-
Komesha	*	-	-	-	-	-	-	-	-
Mao Komo Special	4	*	*	-	-	*	*	-	-
Kemeshi Zone	17	-	-	-	-	5	29.41	-	-
Yaso	2	-	-	-	-	-	-	-	-
Sirba Abay	*	-	-	-	-	*	*	-	-
Kamashi	8	-	-	-	-	3	37.5	-	-
Agalo Meti	4	-	-	-	-	*	*	-	-
Belo Jegonfoy	3	-	-	-	-	*	*	-	-

[illegible]

Dibate	*	-	-	*	*	*	*	-	-
Pawe	-	-	-	-	-	-	-	-	-
Bulen	*	-	-	-	-	*	*	-	-
Asosa Zone	3	-	-	-	-	1	33.33	-	-
Menge	*	-	-	-	-	*	*	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	*	-	-	-	-	*	*	-	-
Sherkole	-	-	-	-	-	-	-	-	-
Bambasi	*	-	-	-	-	*	*	-	-
Oda Godere	*	-	-	-	-	*	*	-	-
Komesha	*	-	-	-	-	*	*	-	-
Mao Komo Special	*	-	-	-	-	*	*	-	-
Kemeshi Zone	*	*	*	*	*	*	*	-	-
Yaso	*	-	-	-	-	*	*	-	-
Sirba Abay	*	-	-	-	-	*	*	-	-
Kamashi	*	-	-	-	-	-	-	-	-
Agalo Meti	*	-	-	*	*	*	*	-	-
Belo Jegonfoy	*	*	*	-	-	*	*	-	-

TABLE 6.10.2e Taro ('Godere')

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	9	-	-	*	*	5	55.56	-	-
Metekel Zone	6	-	-	*	*	3	50	-	-
Dangur	*	-	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	*	-	-	*	*	*	*	-	-
Mandura	-	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-	-	-
Pawe	5	-	-	-	-	3	60	-	-
Bulen	-	-	-	-	-	-	-	-	-
Asosa Zone	*	-	-	*	*	1	*	-	-
Menge	-	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	*	-	-	-	-	*	*	-	-
Sherkole	-	-	-	-	-	-	-	-	-
Bambasi	*	-	-	-	-	*	*	-	-
Oda Godere	*	-	-	*	*	*	*	-	-
Komesha	*	-	-	-	-	-	-	-	-
Mao Komo Special	*	-	-	-	-	-	-	-	-
Kemeshi Zone	1	-	-	-	-	*	*	-	-
Yaso	-	-	-	-	-	-	-	-	-
Sirba Abay	*	-	-	-	-	-	-	-	-
Kamashi	*	-	-	-	-	-	-	-	-
Agalo Meti	*	-	-	-	-	*	*	-	-
Belo Jegonfoy	1	-	-	-	-	*	*	-	-

TABLE 6.10.2f Sweet potatoes

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	248	-	-	*	*	90	36.29	-	-
Metekel Zone	20	-	-	-	-	7	35	-	-
Dangur	*	-	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-	-	-
Mandura	*	-	-	-	-	-	-	-	-
Dibate	4	-	-	-	-	1	25	-	-
Pawe	15	-	-	-	-	6	40	-	-
Bulen	-	-	-	-	-	-	-	-	-
Asosa Zone	166	-	-	*	*	57	34.34	-	-
Menge	13	-	-	-	-	*	*	-	-

Kurmak	*	-	-	-	-	-	-	-	-
Asosa	85	-	-	*	*	38	44.71	-	-
Sherkole	*	-	-	-	-	*	*	-	-
Bambasi	25	-	-	*	*	10	40	-	-
Oda Godere	9	-	-	-	-	4	44.44	-	-
Komesha	17	-	-	-	-	2	11.76	-	-
Mao Komo Special	15	-	-	-	-	2	13.33	-	-
Kemeshi Zone	62	-	-	-	-	26	41.94	-	-
Yaso	4	-	-	-	-	*	*	-	-
Sirba Abay	4	-	-	-	-	1	25	-	-
Kamashi	20	-	-	-	-	11	55	-	-
Agalo Meti	16	-	-	-	-	7	43.75	-	-
Belo Jegonfoy	17	-	-	-	-	6	35.29	-	-

TABLE 6.10.2g Other root crops

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	373	*	*	4	1	79	21.18	*	*
Metekel Zone	*	-	-	-	-	*	*	-	-
Dangur	*	-	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-	-	-
Mandura	*	-	-	-	-	-	-	-	-
Dibate	*	-	-	-	-	*	*	-	-
Pawe	-	-	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-	-	-
Asosa Zone	360	*	*	*	*	73	20.28	*	*
Menge	74	*	*	-	-	4	5.41	-	-
Kurmak	26	-	-	-	-	5	19.23	-	-
Asosa	*	-	-	*	*	*	*	-	-
Sherkole	33	-	-	*	*	9	27.27	-	-
Bambasi	20	-	-	-	-	*	*	-	-
Oda Godere	33	-	-	*	*	15	45.45	-	-
Komesha	33	-	-	-	-	*	*	*	*
Mao Komo Special	1	-	-	-	-	*	*	-	-
Kemeshi Zone	*	-	-	-	-	*	*	-	-
Yaso	-	-	-	-	-	-	-	-	-
Sirba Abay	*	-	-	-	-	*	*	-	-
Kamashi	-	-	-	-	-	-	-	-	-
Agalo Meti	*	-	-	-	-	-	-	-	-
Belo Jegonfoy	*	-	-	-	-	*	*	-	-

TABLE 6.10.3 RURAL BELG

Geographic Area	Root Crops								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	377	1	0.27	74	19.63	172	45.62	*	*
Metekel Zone	349	*	*	46	13.18	163	46.7	-	-
Dangur	73	-	-	*	*	48	65.75	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	277	*	*	44	15.88	115	41.52	-	-
Mandura	-	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-	-	-
Asosa Zone	23	*	*	22	95.65	9	39.13	*	*
Menge	*	-	-	*	*	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	10	*	*	10	100	6	60	*	*
Sherkole	-	-	-	-	-	-	-	-	-
Bambasi	10	-	-	9	90	*	*	-	-

Oda Godere	-	-	-	-	-	-	-	-	-
Komesha	3	*	*	3	100	2	66.67	*	*
Mao Komo Special	*	-	-	*	*	-	-	-	-
Kemeshi Zone	6	*	*	6	100	-	-	-	-
Yaso	-	-	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-	-	-
Kamashi	5	*	*	5	100	-	-	-	-
Agalo Meti	*	-	-	*	*	-	-	-	-
Belo Jegonfoy	-	-	-	-	-	-	-	-	-

TABLE 6.10.4 URBAN HOLDINGS

Geographic Area	Root Crops								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz Killil	19	*	*	*	*	16	84.21	-	-
Metekel Zone	18	*	*	-	-	16	88.89	-	-
Dangur	-	-	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	18	*	*	-	-	16	88.89	-	-
Mandura	-	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-	-	-
Asosa Zone	*	-	-	*	*	*	*	-	-
Menge	-	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	*	-	-	*	*	*	*	-	-
Bambasi	*	-	-	-	-	-	-	-	-

TABLE 6.11 AREA OF CROPLAND UNDER IMPROVED FARM PRACTICES BY CROP CATEGORY IN RURAL AND URBAN AREAS, MEHER SEASON, FOR PRIVATE HOLDINGS

Geographic Area	Permanent Crops								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	2501	117	4.68	636	25.43	660	26.39	5	0.2
Metekel Zone	776	17	2.19	500	64.43	238	30.67	*	*
Dangur	40	*	*	*	*	8	20	*	*
Guba	17	*	*	1	5.88	1	5.88	-	-
Wenbera	546	*	*	461	84.43	153	28.02	*	*
Mandura	4	*	*	*	*	*	*	-	-
Dibate	83	*	*	14	16.87	43	51.81	*	*
Pawe	58	*	*	11	18.97	18	31.03	*	*
Bulen	28	1	3.57	*	*	*	*	*	*
Asosa Zone	1487	97	6.52	117	7.87	383	25.76	*	*
Menge	109	*	*	1	0.92	15	13.76	*	*
Kurmak	25	-	-	*	*	3	12	-	-
Asosa	500	75	15	90	18	218	43.6	*	*
Sherkole	21	*	*	*	*	6	28.57	*	*
Bambasi	351	18	5.13	16	4.56	71	20.23	*	*
Oda Godere	36	*	*	*	*	12	33.33	-	-
Komesha	72	*	*	*	*	13	18.06	*	*
Mao Komo Special	373	*	*	3	0.8	45	12.06	*	*

Kemeshi Zone	238	*	*	*	*	39	16.39	*	*
Yaso	4	-	-	*	*	*	*	-	-
Sirba Abay	7	*	*	*	*	*	*	-	-
Kamashi	22	-	-	*	*	2	9.09	-	-
Agalo Meti	25	*	*	*	*	3	12	-	-
Belo Jegonfoy	181	*	*	*	*	31	17.13	*	*

TABLE 6.11.1 RURAL MEHER

Geographic Area	Permanent Crops								
	Total Crop	Improved Seed		Irrigated		Fertilizer		Pesticide	
	Area	Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	2339	105	4.49	605	25.87	632	27.02	4	0.17
Metekel Zone	700	*	*	475	67.86	213	30.43	*	*
Dangur	28	*	*	*	*	8	28.57	*	*
Guba	5	*	*	*	*	*	*	-	-
Wenbera	526	*	*	441	83.84	138	26.24	*	*
Mandura	3	*	*	*	*	*	*	-	-
Dibate	78	*	*	*	*	42	53.85	*	*
Pawe	49	*	*	10	20.41	17	34.69	-	-
Bulen	*	*	*	*	*	*	*	-	-
Asosa Zone	1401	91	6.5	111	7.92	379	27.05	*	*
Menge	90	*	*	*	*	15	16.67	*	*
Kurmak	25	-	-	*	*	3	12	-	-
Asosa	445	70	15.73	89	20	214	48.09	*	*
Sherkole	21	*	*	*	*	6	28.57	*	*
Bambasi	338	18	5.33	11	3.25	71	21.01	*	*
Oda Godere	36	*	*	*	*	12	33.33	-	-
Komesha	72	*	*	*	*	13	18.06	*	*
Mao Komo Special	373	*	*	3	0.8	45	12.06	*	*
Kemeshi Zone	238	*	*	*	*	39	16.39	*	*
Yaso	4	-	-	*	*	*	*	-	-
Sirba Abay	7	*	*	*	*	*	*	-	-
Kamashi	22	-	-	*	*	2	9.09	-	-
Agalo Meti	25	*	*	*	*	3	12	-	-
Belo Jegonfoy	181	*	*	*	*	31	17.13	*	*

TABLE 6.11.2 URBAN HOLDINGS

Geographic Area	Permanent Crops								
	Total Crop	Improved Seed		Irrigated		Fertilizer		Pesticide	
	Area	Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	162	12	7.41	31	19.14	28	17.28	*	*
Metekel Zone	75	*	*	25	33.33	24	32	*	*
Dangur	12	*	*	2	16.67	-	-	-	-
Guba	*	-	-	*	*	*	*	-	-
Wenbera	20	*	*	20	100.00	15	75	-	-
Mandura	1	-	-	-	-	*	*	-	-
Dibate	5	*	*	1	20	*	*	*	*
Pawe	9	*	*	2	22.22	*	*	*	*
Bulen	16	1	6.25	*	*	*	*	*	*
Asosa Zone	87	*	*	6	6.9	*	*	*	*
Menge	18	-	-	*	*	-	-	-	-
Kurmak	*	-	-	-	-	-	-	-	-
Asosa	55	*	*	*	*	*	*	*	*
Bambasi	13	*	*	5	38.46	*	*	-	-

TABLE 6.12 AREA OF CROPLAND UNDER IMPROVED FARM PRACTICES BY CROP CATEGORY IN RURAL AND URBAN AREAS, MEHER SEASON, FOR PRIVATE HOLDINGS

Geographic	Fruit Crops				
	Total Crop	Improved Seed	Irrigated	Fertilizer	Pesticide

Area	Area	Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	1171	8	0.68	119	10.16	304	25.96	2	0.17
Metekel Zone	189	2	1.06	61	32.28	68	35.98	*	*
Dangur	13	*	*	2	15.38	*	*	-	-
Guba	17	*	*	1	5.88	*	*	-	-
Wenbera	43	*	*	36	83.72	17	39.53	-	-
Mandura	2	*	*	*	*	*	*	-	-
Dibate	45	*	*	*	*	20	44.44	*	*
Pawe	50	*	*	9	18	16	32	*	*
Bulen	20	*	*	*	*	*	*	*	*
Asosa Zone	775	6	0.77	57	7.35	200	25.81	1	0.13
Menge	102	*	*	*	*	14	13.73	*	*
Kurmak	24	-	-	*	*	2	8.33	-	-
Asosa	322	4	1.24	40	12.42	110	34.16	*	*
Sherkole	20	*	*	*	*	6	30	*	*
Bambasi	160	1	0.63	11	6.88	39	24.38	*	*
Oda Godere	33	*	*	*	*	11	33.33	-	-
Komesha	68	-	-	*	*	12	17.65	*	*
Mao Komo Special	46	*	*	*	*	6	13.04	*	*
Kemeshi Zone	206	*	*	1	0.49	36	17.48	*	*
Yaso	4	-	-	*	*	*	*	-	-
Sirba Abay	6	*	*	*	*	*	*	-	-
Kamashi	20	-	-	*	*	*	*	-	-
Agalo Meti	15	*	*	*	*	2	13.33	-	-
Belo Jigonfo	162	*	*	*	*	31	19.14	*	*

TABLE 6.12.1 RURAL MEHER

Geographic Area	Fruit Crops								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	1058	7	0.66	111	10.49	295	27.88	1	0.09
Metekel Zone	148	1	0.68	57	38.51	60	40.54	-	-
Dangur	5	*	*	*	*	*	*	-	-
Guba	4	*	*	*	*	*	*	-	-
Wenbera	43	*	*	36	83.72	17	39.53	-	-
Mandura	1	*	*	*	*	*	*	-	-
Dibate	41	*	*	*	*	20	48.78	-	-
Pawe	42	*	*	8	19.05	14	33.33	-	-
Bulen	*	*	*	*	*	*	*	-	-
Asosa Zone	704	6	0.85	53	7.53	200	28.41	*	*
Menge	84	*	*	*	*	14	16.67	*	*
Kurmak	24	-	-	*	*	2	8.33	-	-
Asosa	276	4	1.45	39	14.13	110	39.86	-	-
Sherkole	20	*	*	*	*	6	30	*	*
Bambasi	152	1	0.66	7	4.61	39	25.66	*	*
Oda Godere	33	*	*	*	*	11	33.33	-	-
Komesha	68	-	-	*	*	12	17.65	*	*
Mao Komo Special	46	*	*	*	*	6	13.04	*	*
Kemeshi Zone	206	*	*	1	0.49	36	17.48	*	*
Yaso	4	-	-	*	*	*	*	-	-
Sirba Abay	6	*	*	*	*	*	*	-	-
Kamashi	20	-	-	*	*	*	*	-	-
Agalo Meti	15	*	*	*	*	2	13.33	-	-
Belo Jigonfo	162	*	*	*	*	31	19.14	*	*

TABLE 6.12.1a Avocado

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	6	*	*	*	*	*	*	-	-
Metekel Zone	*	-	-	*	*	*	*	-	-
Dangur	-	-	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-	-	-
Mandura	*	-	-	*	*	-	-	-	-
Dibate	-	-	-	-	-	-	-	-	-
Pawe	*	-	-	-	-	*	*	-	-
Bulen	*	-	-	*	*	*	*	-	-
Asosa Zone	3	*	*	*	*	*	*	-	-
Menge	-	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	*	*	*	*	*	*	*	-	-
Sherkole	-	-	-	-	-	-	-	-	-
Bambasi	1	*	*	*	*	*	*	-	-
Oda Godere	-	-	-	-	-	-	-	-	-
Komesha	*	-	-	-	-	-	-	-	-
Mao Komo Special	*	-	-	-	-	-	-	-	-
Kemeshi Zone	2	-	-	-	-	*	*	-	-
Yaso	-	-	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-	-	-
Kamashi	1	-	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-	-	-
Belo Jigonfoy	1	-	-	-	-	*	*	-	-

TABLE 6.12.1b Bananas

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	389	2	0.51	79	20.31	92	23.65	-	-
Metekel Zone	81	*	*	36	44.44	31	38.27	-	-
Dangur	*	*	*	*	*	*	*	-	-
Guba	*	-	-	*	*	-	-	-	-
Wenbera	29	-	-	24	82.76	14	48.28	-	-
Mandura	*	-	-	*	*	-	-	-	-
Dibate	25	*	*	*	*	12	48	-	-
Pawe	17	*	*	8	47.06	2	11.76	-	-
Bulen	*	-	-	*	*	*	*	-	-
Asosa Zone	237	*	*	42	17.72	53	22.36	-	-
Menge	9	-	-	*	*	*	*	-	-
Kurmak	13	-	-	*	*	-	-	-	-
Asosa	94	*	*	30	31.91	30	31.91	-	-
Sherkole	*	-	-	*	*	*	*	-	-
Bambasi	69	*	*	6	8.7	13	18.84	-	-
Oda Godere	8	-	-	-	-	*	*	-	-
Komesha	14	-	-	*	*	2	14.29	-	-
Mao Komo Special	27	*	*	*	*	4	14.81	-	-
Kemeshi Zone	71	*	*	1	1.41	8	11.27	-	-
Yaso	3	-	-	*	*	*	*	-	-
Sirba Abay	3	-	-	*	*	*	*	-	-
Kamashi	16	-	-	*	*	*	*	-	-
Agalo Meti	10	*	*	*	*	1	10	-	-
Belo Jigonfoy	38	*	*	-	-	7	18.42	-	-

TABLE 6.12.1c Guava (Zeytuna)

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	14	*	*	*	*	5	35.71	-	-

Metekel Zone	2	-	-	-	-	*	*	-
Dangur	*	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-	-
Dibate	*	-	-	-	-	*	*	-
Pawe	2	-	-	-	-	*	*	-
Bulen	-	-	-	-	-	-	-	-
Asosa Zone	10	*	*	*	*	4	40	-
Menge	1	-	-	*	*	*	*	-
Kurmak	*	-	-	*	*	-	-	-
Asosa	4	*	*	*	*	*	*	-
Sherkole	*	-	-	-	-	*	*	-
Bambasi	4	*	*	-	-	2	50	-
Oda Godere	*	-	-	-	-	-	-	-
Komesha	1	-	-	-	-	*	*	-
Mao Komo Special	-	-	-	-	-	-	-	-
Kemeshi Zone	1	-	-	-	-	-	-	-
Yaso	-	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-	-
Belo Jigonfov	1	-	-	-	-	-	-	-

TABLE 6.12.1d Lemons

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	28	*	*	*	*	8	28.57	*	
Metekel Zone	9	*	*	*	*	*	*	-	
Dangur	*	-	-	*	*	*	*	-	
Guba	1	-	-	-	-	-	-	-	
Wenbera	*	-	-	*	*	*	*	-	
Mandura	*	-	-	*	*	*	*	-	
Dibate	1	-	-	*	*	*	*	-	
Pawe	2	-	-	*	*	*	*	-	
Bulen	*	*	*	*	*	*	*	-	
Asosa Zone	17	*	*	*	*	5	29.41	*	
Menge	3	*	*	*	*	1	33.33	-	
Kurmak	1	-	-	-	-	*	*	-	
Asosa	*	-	-	-	-	1	*	-	
Sherkole	2	-	-	*	*	*	*	*	
Bambasi	*	-	-	*	*	*	*	-	
Oda Godere	*	-	-	-	-	*	*	-	
Komesha	3	-	-	*	*	1	33.33	-	
Mao Komo Special	*	-	-	-	-	*	*	-	
Kemeshi Zone	2	-	-	-	-	*	*	-	
Yaso	*	-	-	-	-	*	*	-	
Sirba Abay	*	-	-	-	-	*	*	-	
Kamashi	*	-	-	-	-	*	*	-	
Agalo Meti	1	-	-	-	-	*	*	-	
Belo Jegonfo	*	-	-	-	-	*	*	-	

TABLE 6.12.1e Mangoes

[illegible]

Mandura	*	-	-	*	*	*	*	-	-
Dibate	7	*	*	*	*	*	*	-	-
Pawe	6	-	-	*	*	4	66.67	-	-
Bulen	*	-	-	*	*	*	*	-	-
Asosa Zone	339	3	0.88	*	*	88	25.96	*	*
Menge	60	*	*	*	*	8	13.33	-	-
Kurmak	8	-	-	*	*	1	12.5	-	-
Asosa	132	*	*	*	*	50	37.88	-	-
Sherkole	11	-	-	*	*	3	27.27	-	-
Bambasi	56	*	*	*	*	13	23.21	*	*
Oda Godere	17	-	-	-	-	*	*	-	-
Komesha	43	-	-	*	*	7	16.28	-	-
Mao Komo Special	12	-	-	-	-	*	*	-	-
Kemeshi Zone	125	-	-	*	*	26	20.8	*	*
Yaso	*	-	-	-	-	-	-	-	-
Sirba Abay	*	-	-	-	-	*	*	-	-
Kamashi	2	-	-	-	-	*	*	-	-
Agalo Meti	1	-	-	-	-	*	*	-	-
Belo Jegonfoy	120	-	-	*	*	24	20	*	*

TABLE 6.12.1f Oranges

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	22	*	*	3	13.64	9	40.91	*	*
Metekel Zone	3	*	*	*	*	1	33.33	-	-
Dangur	*	-	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	*	-	-	*	*	*	*	-	-
Mandura	*	*	*	-	-	-	-	-	-
Dibate	*	-	-	*	*	*	*	-	-
Pawe	*	-	-	-	-	*	*	-	-
Bulen	*	-	-	-	-	-	-	-	-
Asosa Zone	18	-	-	1	5.56	7	38.89	*	*
Menge	3	-	-	*	*	1	33.33	*	*
Kurmak	*	-	-	-	-	-	-	-	-
Asosa	4	-	-	*	*	3	75	-	-
Sherkole	*	-	-	-	-	*	*	-	-
Bambasi	3	-	-	*	*	1	33.33	-	-
Oda Godere	*	-	-	-	-	*	*	-	-
Komesha	1	-	-	*	*	*	*	*	*
Mao Komo Special	6	-	-	*	*	2	33.33	*	*
Kemeshi Zone	2	-	-	*	*	*	*	-	-
Yaso	*	-	-	-	-	*	*	-	-
Sirba Abay	*	-	-	*	*	*	*	-	-
Kamashi	-	-	-	-	-	-	-	-	-
Agalo Meti	2	-	-	*	*	*	*	-	-
Belo Jegonfoy	*	-	-	-	-	*	*	-	-

TABLE 6.12.1g Papayas

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	101	*	*	3	2.97	52	51.49	-	-
Metekel Zone	23	*	*	2	8.7	10	43.48	-	-
Dangur	*	-	-	*	*	*	*	-	-
Guba	1	*	*	-	-	-	-	-	-
Wenbera	*	-	-	*	*	*	*	-	-
Mandura	*	-	-	*	*	*	*	-	-
Dibate	6	*	*	*	*	3	50	-	-
Pawe	14	-	-	*	*	6	42.86	-	-
Bulen	*	-	-	-	-	*	*	-	-
Asosa Zone	75	*	*	1	1.33	42	56	-	-

Menge	8	-	-	-	-	3	37.5	-	-
Kurmak	2	-	-	-	-	*	*	-	-
Asosa	35	*	*	*	*	23	65.71	-	-
Sherkole	2	*	*	-	-	1	50	-	-
Bambasi	16	*	*	-	*	9	56.25	-	-
Oda Godere	*	-	-	-	-	*	*	-	-
Komesha	5	-	-	*	*	*	*	-	-
Mao Komo Special	*	-	-	-	-	*	*	-	-
Kemeshi Zone	4	*	*	-	-	*	*	-	-
Yaso	-	-	-	-	-	-	-	-	-
Sirba Abay	*	*	*	-	-	*	*	-	-
Kamashi	*	-	-	-	-	-	-	-	-
Agalo Meti	1	-	-	-	-	*	*	-	-
Belo Jegonfoy	1	-	-	-	-	*	*	-	-

TABLE 6.12.1h Other Fruits

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	8	*	*	*	*	2	25	-	-
Metekel Zone	*	-	-	*	*	*	*	-	-
Dangur	*	-	-	*	*	-	-	-	-
Guba	*	-	-	-	-	-	-	-	-
Wenbera	*	-	-	*	*	*	*	-	-
Mandura	-	-	-	-	-	-	-	-	-
Dibate	*	-	-	-	-	*	*	-	-
Pawe	-	-	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-	-	-
Asosa Zone	5	*	*	*	*	1	20	-	-
Menge	*	-	-	-	-	-	-	-	-
Kurmak	*	-	-	-	-	*	*	-	-
Asosa	*	*	*	*	*	*	*	-	-
Sherkole	-	-	-	-	-	-	-	-	-
Bambasi	*	*	*	*	*	*	*	-	-
Oda Godere	*	*	*	*	*	*	*	-	-
Komesha	*	-	-	-	-	*	*	-	-
Mao Komo Special	*	-	-	-	-	-	-	-	-
Kemeshi Zone	*	-	-	-	-	*	*	-	-
Yaso	-	-	-	-	-	-	-	-	-
Sirba Abay	*	-	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-	-	-
Belo Jegonfoy	*	-	-	-	-	*	*	-	-

TABLE 6.12.2 URBAN HOLDINGS

Geographic Area	Fruit Crops								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	113	1	0.88	8	7.08	9	7.96	*	*
Metekel Zone	42	1	2.38	4	9.52	8	19.05	*	*
Dangur	*	*	*	1	*	-	-	-	-
Guba	*	-	-	*	*	*	*	-	-
Wenbera	-	-	-	-	-	-	-	-	-
Mandura	1	-	-	-	-	*	*	-	-
Dibate	4	*	*	*	*	*	*	*	*
Pawe	8	*	*	*	*	*	*	*	*
Bulen	9	*	*	*	*	*	*	*	*
Asosa Zone	72	*	*	4	5.56	*	*	*	*
Menge	18	-	-	-	-	-	-	-	-
Kurmak	*	-	-	-	-	-	-	-	-
Asosa	45	*	*	*	*	*	*	*	*

Bambasi	8	-	-	4	50	*	*	-	-
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TABLE 6.13: AREA OF CROPLAND UNDER IMPROVED FARM PRACTICES BY CROP CATEGORY IN RURAL AND URBAN AREAS, MEHER SEASON, FOR PRIVATE HOLDINGS

Geographic Area	Stimulant Crops								
	Total Crop	Improved Seed		Irrigated		Fertilizer		Pesticide	
	Area	Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	1256	108	8.6	489	38.93	326	25.96	*	*
Metekel Zone	571	*	*	436	76.36	165	28.9	*	*
Dangur	23	-	-	*	*	7	30.43	*	*
Guba	-	-	-	-	-	-	-	-	-
Wenbera	502	*	*	425	84.66	136	27.09	*	*
Mandura	2	*	*	*	*	*	*	-	-
Dibate	34	*	*	*	*	20	58.82	*	*
Pawe	1	-	-	*	*	*	*	*	*
Bulen	*	*	*	*	*	*	*	-	-
Asosa Zone	657	90	13.7	36	5.48	160	24.35	*	*
Menge	1	*	*	*	*	*	*	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	147	71	48.3	31	21.09	89	60.54	*	*
Sherkole	*	-	-	-	-	-	-	-	-
Bambasi	*	17	*	2	*	30	*	*	*
Oda Godere	2	*	*	-	-	*	*	-	-
Komesha	2	*	*	*	*	1	50	-	-
Mao Komo Special	325	*	*	*	*	39	12	-	-
Kemeshi Zone	28	*	*	*	*	1	3.57	-	-
Yaso	*	-	-	-	-	*	*	-	-
Sirba Abay	*	-	-	-	-	*	*	-	-
Kamashi	*	-	-	-	-	-	-	-	-
Agalo Meti	10	-	-	*	*	*	*	-	-
Belo Jegonfoy	*	*	*	*	*	-	-	-	-

TABLE 6.13.1: RURAL MEHER

Geographic Area	Stimulant Crops								
	Total Crop	Improved Seed		Irrigated		Fertilizer		Pesticide	
	Area	Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	1212	98	8.09	468	38.61	307	25.33	*	*
Metekel Zone	542	*	*	416	76.75	149	27.49	*	*
Dangur	23	-	-	*	*	7	30.43	*	*
Guba	-	-	-	-	-	-	-	-	-
Wenbera	482	*	*	405	84.02	121	25.1	*	*
Mandura	1	*	*	*	*	*	*	-	-
Dibate	33	*	*	*	*	20	60.61	*	*
Pawe	1	-	-	*	*	*	*	-	-
Bulen	*	*	*	*	*	*	*	-	-
Asosa Zone	642	85	13.24	35	5.45	156	24.3	*	*
Menge	*	*	*	*	*	*	*	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	137	66	48.18	30	21.9	86	62.77	*	*
Sherkole	*	-	-	-	-	-	-	-	-
Bambasi	*	17	*	*	*	30	*	*	*
Oda Godere	2	*	*	-	-	*	*	-	-
Komesha	2	*	*	*	*	1	50	-	-

Mao Komo Special	325	*	*	*	*	39	12	-	-
Kemeshi Zone	28	*	*	*	*	1	3.57	-	-
Yaso	*	-	-	-	-	*	*	-	-
Sirba Abay	*	-	-	-	-	*	*	-	-
Kamashi	*	-	-	-	-	-	-	-	-
Agalo Meti	10	-	-	*	*	*	*	-	-
Belo Jegonfoy	*	*	*	*	*	-	-	-	-

TABLE 6.13.1a Chat

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	123	*	*	32	26.02	37	30.08	*	*
Metekel Zone	5	*	*	*	*	1	20	*	*
Dangur	*	-	-	*	*	*	*	*	*
Guba	1	-	-	-	-	-	-	-	-
Wenbera	1	-	-	*	*	*	*	-	-
Mandura	-	-	-	-	-	-	-	-	-
Dibate	*	*	*	*	*	*	*	-	-
Pawe	*	-	-	-	-	*	*	-	-
Bulen	*	-	-	*	*	*	*	-	-
Asosa Zone	116	*	*	*	*	36	31.03	*	*
Menge	-	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	33	*	*	*	*	16	48.48	*	*
Sherkole	-	-	-	-	-	-	-	-	-
Bambasi	15	*	*	*	*	6	40	-	-
Oda Godere	-	-	-	-	-	-	-	-	-
Komesha	*	-	-	-	-	*	*	-	-
Mao Komo Special	59	-	-	*	*	14	23.73	-	-
Kemeshi Zone	*	-	-	*	*	*	*	-	-
Yaso	*	-	-	-	-	*	*	-	-
Sirba Abay	-	-	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-	-	-
Belo Jegonfoy	*	-	-	-	-	-	-	-	-

TABLE 6.13.1b Coffee

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	1032	98	9.5	424	41.09	239	23.16	*	*
Metekel Zone	497	*	*	403	81.09	129	25.96	*	*
Dangur	*	-	-	*	*	*	*	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	465	*	*	397	85.38	112	24.09	*	*
Mandura	1	*	*	*	*	*	*	-	-
Dibate	28	*	*	*	*	16	57.14	-	-
Pawe	*	-	-	*	*	*	*	-	-
Bulen	*	*	*	*	*	*	*	-	-
Asosa Zone	521	85	16.31	17	3.26	109	20.92	*	*
Menge	*	*	*	*	*	*	*	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	92	66	71.74	15	16.3	59	64.13	*	*
Sherkole	*	-	-	-	-	-	-	-	-
Bambasi	*	16	*	*	*	23	*	*	*
Oda Godere	2	*	*	-	-	*	*	-	-
Komesha	2	*	*	*	*	1	50	-	-
Mao Komo Special	266	*	*	*	*	25	9.4	-	-
Kemeshi Zone	14	*	*	*	*	*	*	-	-
Yaso	-	-	-	-	-	-	-	-	-
Sirba Abay	*	-	-	-	-	*	*	-	-
Kamashi	*	-	-	-	-	-	-	-	-
Agalo Meti	10	-	-	*	*	*	*	-	-
Belo Jegonfoy	*	*	*	*	*	-	-	-	-

TABLE 6.13.1c Hops

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	58	*	*	12	20.69	31	53.45	*	*
Metekel Zone	43	*	*	12	27.91	20	46.51	*	*
Dangur	*	-	-	*	*	7	*	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	17	-	-	8	47.06	9	52.94	-	-
Mandura	*	-	-	*	*	-	-	-	-
Dibate	5	-	-	*	*	*	*	*	*
Pawe	*	-	-	*	*	*	*	-	-
Bulen	*	*	*	*	*	-	-	-	-
Asosa Zone	15	-	-	1	6.67	11	73.33	*	*
Menge	-	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	12	-	-	1	8.33	10	83.33	*	*
Sherkole	-	-	-	-	-	-	-	-	-
Bambasi	2	-	-	-	-	1	50	-	-
Oda Godere	-	-	-	-	-	-	-	-	-
Komesha	-	-	-	-	-	-	-	-	-
Mao Komo Special	*	-	-	-	-	*	*	-	-
Kemeshi Zone	*	-	-	-	-	*	*	-	-
Yaso	*	-	-	-	-	*	*	-	-
Sirba Abay	-	-	-	-	-	-	-	-	-
Kamashi	*	-	-	-	-	-	-	-	-
Agalo Meti	*	-	-	-	-	*	*	-	-
Belo Jegonfo	-	-	-	-	-	-	-	-	-

TABLE 6.13.2 URBAN HOLDINGS

TABLE 6.15.12 URBAN HOLDINGS

Geographic Area	Stimulant Crops								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz Killil	44	11	25	21	47.73	19	43.18	*	*
Metekel Zone	30	*	*	21	70	16	53.33	*	*
Dangur	*	-	-	*	*	-	-	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	20	*	*	20	100	15	75	-	-
Mandura	1	-	-	-	-	-	-	-	-
Dibate	1	-	-	*	*	*	*	-	-
Pawe	*	-	-	*	*	*	*	*	*
Bulen	*	*	*	*	*	*	*	-	-
Asosa Zone	14	*	*	*	*	*	*	-	-
Menge	*	-	-	*	*	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	10	*	*	*	*	*	*	-	-
Bambasi	5	*	*	*	*	*	*	-	-

TABLE 6.14: AREA OF CROPLAND UNDER IMPROVED FARM PRACTICES BY CROP CATEGORY IN RURAL AND URBAN AREAS, MEHER SEASON, FOR PRIVATE HOLDINGS

Geographic Area	Other permanent crops								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	Area	%	Area	%	Area	%	Area
Benshangul-Gumuz	73	*	*	27	36.99	30	41.1	-	-
Metekel Zone	15	-	-	3	20	*	*	-	-
Dangur	*	-	-	*	*	*	*	-	-
Guba	1	-	-	-	-	*	*	-	-
Wenbera	1	-	-	-	-	*	*	-	-
Mandura	*	-	-	*	*	-	-	-	-
Dibate	*	-	-	*	*	*	*	-	-
Pawe	6	-	-	*	*	2	33.33	-	-
Bulen	-	-	-	-	-	-	-	-	-
Asosa Zone	55	*	*	24	43.64	23	41.82	-	-
Menge	*	-	-	-	-	*	*	-	-
Kurmak	*	-	-	-	-	*	*	-	-
Asosa	32	-	-	20	62.5	19	59.38	-	-
Sherkole	*	-	-	-	-	*	*	-	-
Bambasi	12	*	*	3	25	2	16.67	-	-
Oda Godere	*	-	-	-	-	*	*	-	-
Komesha	3	-	-	*	*	*	*	-	-
Mao Komo Special	2	-	-	-	-	*	*	-	-
Kemeshi Zone	3	*	*	*	*	2	66.67	-	-
Yaso	*	-	-	-	-	*	*	-	-
Sirba Abay	*	*	*	*	*	*	*	-	-
Kamashi	1	-	-	-	-	1	100	-	-
Agalo Meti	*	-	-	-	-	-	-	-	-
Bejo Jigonfo	1	-	-	*	*	-	-	-	-

TABLE 6.14.1 RURAL MEHER

Geographic Area	Other permanent crops								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	69	*	*	26	37.68	30	43.48	-	-
Metekel Zone	11	-	-	*	*	*	*	-	-
Dangur	*	-	-	*	*	*	*	-	-
Guba	1	-	-	-	-	*	*	-	-
Wenbera	1	-	-	-	-	*	*	-	-
Mandura	*	-	-	*	*	-	-	-	-
Dibate	*	-	-	*	*	*	*	-	-
Pawe	6	-	-	*	*	*	*	-	-
Bulen	-	-	-	-	-	-	-	-	-
Asosa Zone	54	*	*	23	42.59	23	42.59	-	-
Menge	*	-	-	-	-	*	*	-	-
Kurmak	*	-	-	-	-	*	*	-	-
Asosa	32	-	-	20	62.5	19	59.38	-	-
Sherkole	*	-	-	-	-	*	*	-	-
Bambasi	11	*	*	2	18.18	2	18.18	-	-
Oda Godere	*	-	-	-	-	*	*	-	-
Komesha	3	-	-	*	*	*	*	-	-
Mao Komo Special	2	-	-	-	-	*	*	-	-
Kemeshi Zone	3	*	*	*	*	2	66.67	-	-
Yaso	*	-	-	-	-	*	*	-	-
Sirba Abay	*	*	*	*	*	*	*	-	-
Kamashi	1	-	-	-	-	1	100.00	-	-
Agalo Meti	*	-	-	-	-	-	-	-	-
Belu Jegonfovo	1	-	-	*	*	-	-	-	-

TABLE 6.14.1a Enset

[illegible]

Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	2	-	-	-	*	*	-
Menge	-	-	-	-	-	-	-
Kurmak	*	-	-	-	*	*	-
Asosa	*	-	-	-	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	*	-	-	-	*	*	-
Oda Godere	*	-	-	-	-	-	-
Komesha	-	-	-	-	-	-	-
Mao Komo Special	2	-	-	-	*	*	-
Kemeshi Zone	2	*	*	*	2	100.00	-
Yaso	*	-	-	-	*	*	-
Sirba Abay	*	*	*	*	*	*	-
Kamashi	1	-	-	-	1	100.00	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jegonfoy	*	-	-	-	-	-	-

TABLE 6.14.1b Sugar cane

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	53	*	*	26	49.06	24	45.28	-	-
Metekel Zone	9	-	-	*	*	*	*	-	-
Dangur	*	-	-	*	*	-	-	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-	-	-
Mandura	*	-	-	*	*	-	-	-	-
Dibate	*	-	-	*	*	*	*	-	-
Pawe	5	-	-	*	*	*	*	-	-
Bulen	-	-	-	-	-	-	-	-	-
Asosa Zone	43	*	*	23	53.49	20	46.51	-	-
Menge	-	-	-	-	-	-	-	-	-
Kurmak	*	-	-	-	-	-	-	-	-
Asosa	31	-	-	20	64.52	19	61.29	-	-
Sherkole	-	-	-	-	-	-	-	-	-
Bambasi	10	*	*	2	20	1	10	-	-
Oda Godere	-	-	-	-	-	-	-	-	-
Komesha	*	-	-	*	*	*	*	-	-
Mao Komo Special	*	-	-	-	-	-	-	-	-
Kemeshi Zone	1	-	-	*	*	-	-	-	-
Yaso	-	-	-	-	-	-	-	-	-
Sirba Abay	*	-	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-	-	-
Agalo Meti	*	-	-	-	-	-	-	-	-
Belo Jegonfoy	1	-	-	*	*	-	-	-	-

TABLE 6.14.1c Other of Other Permanent Crops

Geographic Area	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz	12	-	-	*	*	3	25	-	-
Metekel Zone	2	-	-	-	-	1	50	-	-
Dangur	*	-	-	-	-	*	*	-	-
Guba	1	-	-	-	-	*	*	-	-
Wenbera	1	-	-	-	-	*	*	-	-
Mandura	-	-	-	-	-	-	-	-	-
Dibate	*	-	-	-	-	*	*	-	-

Pawe	*	-	-	-	-	*	*	-	-
Bulen	-	-	-	-	-	-	-	-	-
Asosa Zone	9	-	-	*	*	*	*	-	-
Menge	*	-	-	-	-	*	*	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	*	-	-	*	*	*	*	-	-
Sherkole	*	-	-	-	-	*	*	-	-
Bambasi	*	-	-	-	-	-	-	-	-
Oda Godere	*	-	-	-	-	*	*	-	-
Komesha	*	-	-	-	-	*	*	-	-
Mao Komo Special	*	-	-	-	-	-	-	-	-
Kemeshi Zone	*	-	-	-	-	*	*	-	-
Yaso	*	-	-	-	-	*	*	-	-
Sirba Abay	-	-	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-	-	-
Belo Jegonfoy	*	-	-	-	-	-	-	-	-

TABLE 6.14.2 URBAN HOLDINGS

TABLE 6.14.2 URBAN HOLDINGS

Geographic Area	Other permanent crops								
	Total Crop Area	Improved Seed		Irrigated		Fertilizer		Pesticide	
		Area	%	Area	%	Area	%	Area	%
Benshangul-Gumuz Killil	5	-	-	1	20	*	*	-	-
Metekel Zone	*	-	-	*	*	*	*	-	-
Dangur	*	-	-	*	*	-	-	-	-
Guba	-	-	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-	-	-
Pawe	*	-	-	*	*	*	*	-	-
Bulen	-	-	-	-	-	-	-	-	-
Asosa Zone	1	-	-	1	100	-	-	-	-
Menge	-	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-	-	-
Bambasi	1	-	-	1	100	-	-	-	-

TABLE 6.15: NUMBER OF HOLDERS APPLYING FERTILIZERS, FERTILIZED AREA, AND QUANTITY OF FERTILIZERS BY CROP TYPE IN RURAL AREAS FOR MEHER SEASON

CROP	Application of total Fertilizers		Application of Fertilizers by Type and Quantity				
	Holders	Hectares	Natural		Chemical – DAP		
			Holders	Hectares	Holders	Hectares	Quintals
TOTAL	57398	22730	52648	14944	5018	3668	1914
Grain Crops	51566	21342	45754	13727	4682	3638	1899
Cereals	48932	17851	43132	11219	3844	2913	1278
Teff	5068	3281	2247	1030	2223	1691	633
Barley	1512	360	1298	251	127	59	38
Wheat	1027	416	667	168	238	145	114
Maize	42683	8223	37813	5507	755	166	134
Sorghum	10647	3790	10314	3670	111	32	9
Finger millet	2451	1699	1246	579	852	809	337
Oats ('Aja')	218	9	203	7	*	*	*
Rice	177	72	*	*	*	*	*
Pulses	10525	1549	9236	858	1003	625	584
Horse beans	2133	241	2102	233	*	*	*
Field peas	1177	256	1088	227	67	*	17
Haricot beans	6116	347	5754	310	93	*	*
Chick peas	527	46	517	45	*	*	*
Lentils	423	17	405	16	*	*	*
Vetch	77	2	77	2	-	-	-
Soya	1145	630	316	17	786	575	550
Fenugreek	103	*	103	*	-	-	-
Gibto	*	*	*	*	-	-	-
Oil Seeds	9316	1905	8650	1616	327	99	37
Neug	2450	849	2336	787	56	*	*
Linseed	506	23	486	21	*	*	*
Ground nuts	1013	44	951	38	*	*	*
Sufflower	156	*	109	*	*	*	-
Sesame	4109	924	3712	710	164	71	26
Rapeseed	2080	62	1977	58	83	*	*
Other Grains	2660	37	2511	35	*	*	*
Vegetables	17740	515	15608	414	385	18	7
Lettuce	*	*	*	*	-	-	-
Head cabbage	372	1	334	1	*	*	*
Kale	387	5	343	2	*	*	-
Tomatoes	289	2	268	2	-	-	-
Green peppers	1100	13	1003	11	*	*	*
Red peppers	11081	327	9133	241	310	17	5
Swiss chard	*	*	*	*	-	-	-
Others	6154	166	5922	157	*	*	*
Root Crops	12078	241	11643	206	175	9	4
Beet root	224	*	224	*	-	-	-
Carrot	261	1	261	1	-	-	-
Onions	1122	9	991	5	39	*	*
Potatoes	1573	46	1454	34	*	*	*
Garlic	2333	12	2212	12	58	*	*
Taro ('Godere')	395	5	364	4	-	-	-
Sweet potatoes	5682	90	5577	84	*	2	*
Others	2805	79	2700	66	-	-	-
Permanent Crops	23126	632	22471	597	191	3	*
Fruit Crops	18335	295	17764	266	69	1	*
Avocado	328	*	328	*	-	-	-
Bananas	6916	92	6737	85	*	*	*
Guava (Zeytuna)	1080	5	1080	5	-	-	-
Lemons	1006	8	970	8	-	-	-
Mangoes	9227	124	8765	105	41	1	*
Oranges	1417	9	1384	8	-	-	-
Papayas	7641	52	7537	51	*	*	*
Pineapples	*	*	*	*	-	-	-
Others	264	2	233	2	*	*	*
Stimulant Crops	13102	307	12995	302	*	*	*
Chat	4030	37	3977	36	*	*	*
Coffee	9855	239	9735	235	*	*	*
Hops	4904	31	4881	31	*	*	*
Others	*	*	*	*	-	-	-
Other Permanent Crops	2263	30	2160	29	61	*	*
Enset	163	2	137	2	18	*	-
Sugar Cane	1630	24	1630	24	-	-	-
Others	489	3	412	3	*	*	*

TABLE 6.15 CONTD.

CROP	Application of Fertilizers by Type and Quantity					
	Chemical – UREA			Chemical - DAP & UREA		
	Holders	Hectares	Quintals	Holders	Hectares	Quintals
TOTAL	2952	704	277	6765	3413	4258
Grain Crops	1428	638	237	6485	3339	4239
Cereals	1222	496	211	6409	3223	4141
Teff	271	123	40	627	437	313
Barley	*	*	*	*	*	*
Wheat	*	*	*	96	58	32
Maize	549	91	70	5641	2459	3609
Sorghum	125	52	*	140	37	*
Finger millet	228	143	54	142	*	*
Oats ('Aja')	-	-	-	-	-	-
Rice	*	*	*	65	*	*
Pulses	*	*	*	334	44	*
Horse beans	-	-	-	-	-	-
Field peas	-	-	-	*	*	*
Haricot beans	-	-	-	284	22	*
Chick peas	-	-	-	-	-	-
Lentils	-	-	-	*	*	*
Vetch	-	-	-	-	-	-
Soya	*	*	*	*	*	*
Fenugreek	-	-	-	-	-	-
Gibto	-	-	-	*	*	*
Oil Seeds	204	*	14	188	72	71
Neug	-	-	-	*	*	*
Linseed	-	-	-	*	*	*
Ground nuts	*	*	*	44	3	*
Sufflower	*	*	*	-	-	-
Sesame	174	*	11	62	27	*
Rapeseed	*	*	*	*	*	*
Other Grains	*	*	*	*	*	*
Vegetables	1589	54	25	606	29	13
Lettuce	-	-	-	-	-	-
Head cabbage	*	*	*	*	*	*
Kale	*	*	*	*	*	*
Tomatoes	-	-	-	*	*	*
Green peppers	*	*	*	*	*	*
Red peppers	1532	52	24	317	17	13
Swiss chard	-	-	-	-	-	-
Others	*	*	*	188	8	*
Root Crops	168	*	*	304	18	*
Beet root	-	-	-	-	-	-
Carrot	-	-	-	-	-	-
Onions	*	*	*	*	*	*
Potatoes	*	*	*	*	*	*
Garlic	*	*	*	*	*	*
Taro ('Godere')	*	*	*	*	*	*
Sweet potatoes	*	*	*	*	*	*
Others	*	*	*	*	*	*
Permanent Crops	360	5	7	539	28	*
Fruit Crops	267	3	6	483	26	*
Avocado	-	-	-	-	-	-
Bananas	*	*	*	176	7	*
Guava (Zeytuna)	-	-	-	-	-	-
Lemons	-	-	-	*	*	*
Mangoes	164	1	3	352	17	*
Oranges	*	*	*	*	*	*
Papayas	*	*	*	84	*	*
Pineapples	-	-	-	-	-	-
Others	*	*	*	*	*	*
Stimulant Crops	*	*	*	127	*	*
Chat	*	*	*	*	*	*
Coffee	*	*	*	107	*	*
Hops	-	-	-	-	-	-
Others	-	-	-	-	-	-
Other Permanent Crops	*	*	*	-	-	-
Enset	*	*	*	-	-	-
Sugar Cane	*	*	*	-	-	-
Others	*	*	*	-	-	-

TABLE 6.15.1 RURAL BELG

CROP	Application of Total Fertilizer	Application of Fertilizer by Type and Quantity	
		Natural	Chemical – DAP

	Holders	Hectares	Holders	Hectares	Holders	Hectares	Quintals
TOTAL	5255	335	5255	335			
Grain Crops	2445	142	2445	142			
Cereals	2356	120	2356	120			
Teff	-	-	-	-			
Barley	-	-	-	-			
Wheat	-	-	-	-			
Maize	2356	120	2356	120			
Sorghum	-	-	-	-			
Finger millet	-	-	-	-			
Oats ('Aja')	-	-	-	-			
Rice	-	-	-	-			
Pulses	1156	21	1156	21			
Horse beans	-	-	-	-			
Field peas	-	-	-	-			
Haricot beans	1156	21	1156	21			
Chick peas	-	-	-	-			
Lentils	-	-	-	-			
Vetch	-	-	-	-			
Soya	-	-	-	-			
Fenugreek	-	-	-	-			
Gibto	-	-	-	-			
Oil Seeds	*	*	*	*			
Neug	-	-	-	-			
Linseed	-	-	-	-			
Ground nuts	-	-	-	-			
Sunflower	-	-	-	-			
Sesame	-	-	-	-			
Rapeseed	*	*	*	*			
Other Grains	*	*	*	*			
Vegetables	1636	17	1636	17			
Lettuce	*	*	*	*			
Head cabbage	*	*	*	*			
Kale	1008	7	1008	7			
Tomatoes	857	6	857	6			
Green peppers	*	*	*	*			
Red peppers	328	2	328	2			
Swiss chard	*	*	*	*			
Others	-	-	-	-			
Root Crops	3294	172	3294	172			
Beet root	*	*	*	*			
Carrot	*	*	*	*			
Onions	801	7	801	7			
Potatoes	2469	163	2469	163			
Garlic	130	1	130	1			
Taro ('Godere')	-	-	-	-			
Sweet potatoes	*	*	*	*			
Others	*	*	*	*			

TABLE 6.16: NUMBER OF HOLDERS APPLYING FERTILIZERS, AREA, AND QUANTITY APPLIED BY CROP IN RURAL AREAS, FOR PRIVATE HOLDINGS

All Crops							
Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	58032	23061	53568	15275	5018	3668	1914
Metekel Zone	21000	11297	18894	6148	3004	2926	1733
Dangur	2693	1231	2587	677	255	285	150
Guba	166	79	159	77	7	2	1
Wenbera	5155	4404	4709	2493	1148	1264	621
Mandura	1024	461	897	347	73	*	*
Dibate	5389	2332	4960	1216	593	560	298
Pawe	4767	1703	3862	474	869	692	607
Bulen	1806	1087	1719	*	*	*	*
Asosa Zone	29635	7874	28186	6380	1724	473	128
Menge	2308	539	2207	487	*	*	*
Kurmak	1119	435	1066	409	*	*	-

Asosa	13284	3277	12865	2357	1218	355	831
Sherkole	1407	324	1391	322	*	*	-1
Bambasi	5461	1561	5182	1422	201	37	*4
Oda Godere	3088	1052	3035	1007	*	*	*2
Komesha	1017	255	805	118	79	34	*1
Mao Komo Special	1950	431	1633	259	149	26	161
Kemeshi Zone	7397	3890	6488	2747	289	268	537
Yaso	1432	355	1394	353	18	*	-1
Sirba Abay	1172	581	1152	553	-	-	-1
Kamashi	916	892	836	562	139	197	389
Agalo Meti	1175	582	1089	527	68	*	*1
Belo Jegonfoy	2701	1479	2018	752	64	37	92

TABEL 6.16: CONTD.

All Crops							
Geographic Level	Type of Fertilizer Applied						
	UREA			DAP & UREA			
	Holder	Hectar	Quintal	Holder	Hectar	Quintal	
Benshangul-Gumuz	2952	704	277	6765	3413	4258	
Metekel Zone	1201	496	202	2763	1726	2118	
Dangur	44	*	*	*	249	241	
Guba	-	-	-	-	-	-	
Wenbera	247	117	60	724	529	536	
Mandura	*	*	*	126	52	75	
Dibate	136	77	50	910	480	779	
Pawe	748	272	79	602	265	348	
Bulen	*	*	*	143	*	*	
Asosa Zone	1644	149	61	2460	872	854	
Menge	*	*	*	87	*	42	
Kurmak	*	*	*	*	*	*	
Asosa	1220	90	32	1331	475	392	
Sherkole	*	*	*	*	*	-	
Bambasi	231	27	5	259	75	102	
Oda Godere	*	*	*	117	45	46	
Komesha	*	*	*	256	102	94	
Mao Komo Special	86	19	10	364	127	141	
Kemeshi Zone	107	60	14	1542	815	1286	
Yaso	*	*	-	*	*	*	
Sirba Abay	-	-	-	83	28	35	
Kamashi	30	41	9	215	93	127	
Agalo Meti	*	*	*	*	*	*	
Belo Jegonfoy	53	17	5	1201	673	1117	

TABEL 6.16.1: RURAL MEHER

Geographic Level	All Crops						
	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	57398	22730	52648	14944	5018	3668	1914
Metekel Zone	20664	11076	18442	5927	3004	2926	1733
Dangur	2503	1183	2380	629	255	285	150
Guba	166	79	159	77	7	2	1
Wenbera	5036	4231	4506	2321	1148	1264	621
Mandura	1024	461	897	347	73	*	*
Dibate	5389	2332	4960	1216	593	560	298
Pawe	4740	1702	3822	474	869	692	607
Bulen	1806	1087	1719	*	*	*	*
Asosa Zone	29375	7770	27756	6276	1724	473	128
Menge	2308	539	2207	487	*	*	*
Kurmak	1119	435	1066	409	*	*	-
Asosa	13053	3199	12488	2279	1218	355	83
Sherkole	1407	324	1391	322	*	*	-
Bambasi	5461	1553	5182	1414	201	37	*
Oda Godere	3088	1051	3035	1006	*	*	*
Komesha	988	251	760	114	79	34	*
Mao Komo Special	1950	418	1626	246	149	26	16
Kemeshi Zone	7359	3884	6450	2741	289	268	53
Yaso	1432	355	1394	353	18	*	-
Sirba Abay	1172	581	1152	553	-	-	-
Kamashi	916	892	836	562	139	197	38
Agalo Meti	1137	576	1050	521	68	*	*
Belo Jefonfoy	2701	1479	2018	752	64	37	9

TABEL 6.16.1: CONTD.

Geographic Level	All Crops					
	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	2952	704	277	6765	3413	4258
Metekel Zone	1201	496	202	2763	1726	2118
Dangur	44	*	*	*	249	241
Guba	-	-	-	-	-	-
Wenbera	247	117	60	724	529	536
Mandura	*	*	*	126	52	75
Dibate	136	77	50	910	480	779
Pawe	748	272	79	602	265	348
Bulen	*	*	*	143	*	*
Asosa Zone	1644	149	61	2460	872	854
Menge	*	*	*	87	*	42
Kurmak	*	*	*	*	*	*
Asosa	1220	90	32	1331	475	392
Sherkole	*	*	*	*	*	-
Bambasi	231	27	5	259	75	102
Oda Godere	*	*	*	117	45	46
Komesha	*	*	*	256	102	94
Mao Komo Special	86	19	10	364	127	141
Kemeshi Zone	107	60	14	1542	815	1286
Yaso	*	*	-	*	*	*
Sirba Abay	-	-	-	83	28	35
Kamashi	30	41	9	215	93	127
Agalo Meti	*	*	*	*	*	*
Belo Jefonfoy	53	17	5	1201	673	1117

TABEL 6.16.2: RURAL BELG

All Crops							
Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	5255	335	5255	335	-	-	-
Metekel Zone	2506	221	2506	221	-	-	-
Dangur	781	48	781	48	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	1674	172	1674	172	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-
Pawe	*	*	*	*	-	-	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	2699	108	2699	108	-	-	-
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	2321	81	2321	81	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	159	9	159	9	-	-	-
Oda Godere	*	*	*	*	-	-	-
Komesha	131	4	131	4	-	-	-
Mao Komo Special	*	*	*	*	-	-	-
Kemeshi Zone	50	6	50	6	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	50	6	50	6	-	-	-
Belo Jegonfoy	-	-	-	-	-	-	-

TABEL 6.17: URBAN HOLDINGS.

All Crops								
Geographic Label	Application of Total Fertilizers		Type of Fertilizer Applied					
			Natural		Chemical		Natural and Chemical	
	Holders	Hectars	Holders	Hectars	Holders	Hectars	Holders	Hectars
Benshangul-Gumuz	997	626	427	100	642	506	28	19
Metekel Zone	871	570	361	78	563	472	28	19
Dangur	123	119	*	*	123	112	-	-
Guba	15	*	15	*	-	-	-	-
Wenbera	138	76	84	30	55	27	28	19
Mandura	36	9	30	8	12	2	-	-
Dibate	53	38	18	*	38	24	-	-
Pawe	298	219	*	4	*	215	-	-
Bulen	208	107	154	15	91	92	-	-
Asosa Zone	126	56	66	22	78	34	-	-
Menge	3	3	-	-	3	3	-	-
Kurmak	3	1	-	-	3	1	-	-
Asosa	53	23	*	6	38	17	-	-
Bambasi	66	30	39	16	34	14	-	-

TABLE 6.18: NUMBER OF HOLDERS APPLLYING FERTILIZERS, AREA, AND QUANTITY APPLIED BY CROP IN RURAL AREAS, FOR PRIVATE HOLDINGS

Grain Crops							
Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	52049	21484	46394	13869	4682	3638	1899
Metekel Zone	19174	10703	16427	5610	2867	2914	1726
Dangur	2100	1163	1959	610	255	285	150
Guba	162	78	155	76	7	2	1

Wenbera	4709	4104	3887	2208	1055	1257	617
Mandura	985	454	863	340	73	*	*
Dibate	5045	2202	4397	1093	575	558	297
Pawe	4470	1641	3544	443	843	689	606
Bulen	1704	1062	1622	*	*	*	*
Asosa Zone	26228	7039	24473	5634	1556	457	121
Menge	1969	503	1833	451	*	*	*
Kurmak	1074	422	1022	396	-	-	-
Asosa	12363	2890	11702	2011	1150	350	79
Sherkole	1338	296	1322	294	*	*	-
Bambasi	4482	1343	4291	1242	127	27	*
Oda Godere	2766	978	2705	935	*	*	*
Komesha	752	232	527	100	61	32	*
Mao Komo Special	1483	375	1070	204	149	26	15
Kemeshi Zone	6647	3741	5493	2626	259	267	52
Yaso	1240	345	1223	343	-	-	-
Sirba Abay	1096	544	1067	515	-	-	-
Kamashi	802	874	711	546	139	195	38
Agalo Meti	1087	565	1013	511	55	*	*
Belo Jegonfoy	2421	1414	1478	711	64	37	9

TABLE 6.18: CONTD.

Grain Crops						
Geographic Level	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	1428	638	237	6485	3339	4239
Metekel Zone	812	470	185	2709	1709	2114
Dangur	*	*	*	*	249	241
Guba	-	-	-	-	-	-
Wenbera	237	117	58	701	521	533
Mandura	*	*	*	120	52	75
Dibate	112	70	44	910	480	779
Pawe	407	254	68	582	255	346
Bulen	*	*	*	138	*	*
Asosa Zone	552	109	39	2234	840	840
Menge	*	*	*	78	*	42
Kurmak	*	*	*	*	*	*
Asosa	375	71	15	1212	456	386
Sherkole	*	*	*	*	*	-
Bambasi	*	*	*	171	67	*
Oda Godere	-	-	-	117	43	46
Komesha	*	*	*	246	98	93
Mao Komo Special	80	19	10	364	127	141
Kemeshi Zone	64	59	14	1542	790	1286
Yaso	-	-	-	*	*	*
Sirba Abay	-	-	-	83	28	35
Kamashi	21	40	9	215	93	127
Agalo Meti	*	*	*	*	*	*
Belo Jegonfoy	36	16	*	1201	650	1117

TABEL 6.18.1: RURAL MEHER

Grain Crops						
Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied			
			Natural		Dap	
	Holder	Hectar	Holder	Hectar	Holder	Quintal
Benshangul-Gumuz	51566	21342	45754	13727	4682	1899
Metekel Zone	19075	10649	16263	5555	2867	1726
Dangur	2100	1163	1959	610	255	150
Guba	162	78	155	76	7	1
Wenbera	4622	4050	3736	2155	1055	617
Mandura	985	454	863	340	73	*
Dibate	5045	2202	4397	1093	575	297
Pawe	4456	1641	3531	443	843	606
Bulen	1704	1062	1622	*	*	*

Asosa Zone	25894	6958	24048	5552	1556	457	121
Menge	1969	503	1833	451	*	*	*
Kurmak	1074	422	1022	396	-	-	-
Asosa	12078	2829	11353	1950	1150	350	79
Sherkole	1338	296	1322	294	*	*	-
Bambasi	4461	1336	4270	1235	127	27	*
Oda Godere	2757	977	2696	934	*	*	*
Komesha	734	231	502	100	61	32	*
Mao Komo Special	1483	364	1048	192	149	26	15
Kemeshi Zone	6597	3735	5443	2620	259	267	52
Yaso	1240	345	1223	343	-	-	-
Sirba Abay	1096	544	1067	515	-	-	-
Kamashi	802	874	711	546	139	195	38
Agalo Meti	1037	559	964	505	55	*	*
Belo Jefonfo	2421	1414	1478	711	64	37	9

TABEL 6.18.1: CONTD.

Grain Crops						
Geographic Level	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	1428	638	237	6485	3339	4239
Metekel Zone	812	470	185	2709	1709	2114
Dangur	*	*	*	*	249	241
Guba	-	-	-	-	-	-
Wenbera	237	117	58	701	521	533
Mandura	*	*	*	120	52	75
Dibate	112	70	44	910	480	779
Pawe	407	254	68	582	255	346
Bulen	*	*	*	138	*	*
Asosa Zone	552	109	39	2234	840	840
Menge	*	*	*	78	*	42
Kurmak	*	*	*	*	*	*
Asosa	375	71	15	1212	456	386
Sherkole	*	*	*	*	*	-
Bambasi	*	*	*	171	67	*
Oda Godere	-	-	-	117	43	46
Komesha	*	*	*	246	98	93
Mao Komo Special	80	19	10	364	127	141
Kemeshi Zone	64	59	14	1542	790	1286
Yaso	-	-	-	*	*	*
Sirba Abay	-	-	-	83	28	35
Kamashi	21	40	9	215	93	127
Agalo Meti	*	*	*	*	*	*
Belo Jefonfo	36	16	*	1201	650	1117

TABEL 6.18.2 : RURAL BELG

Grain Crops						
Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied			
			Natural		Dap	
	Holder	Hectar	Holder	Hectar	Holder	Quintal
Benshangul-Gumuz	2445	142	2445	142	-	-
Metekel Zone	485	54	485	54	-	-
Dangur	-	-	-	-	-	-
Guba	-	-	-	-	-	-
Wenbera	461	*	461	*	-	-
Mandura	-	-	-	-	-	-
Dibate	-	-	-	-	-	-
Pawe	*	*	*	*	-	-
Bulen	-	-	-	-	-	-
Asosa Zone	1910	82	1910	82	-	-
Menge	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-
Asosa	1655	61	1655	61	-	-
Sherkole	-	-	-	-	-	-

Bambasi	135	7	135	7	-	-	-
Oda Godere	*	*	*	*	-	-	-
Komesha	39	*	39	*	-	-	-
Mao Komo Special	*	*	*	*	-	-	-
Kemeshi Zone	50	6	50	6	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	50	6	50	6	-	-	-
Belo Jigonfoy	-	-	-	-	-	-	-

TABEL 6.19: URBAN HOLDINGS

Geographic Label	Grain Crops							
	Application of Total Fertilizers		Application of Fertilizers by Type and Quality					
			Natural		Chemical		Natural and Chemical	
	Holders	Hectars	Holders	Hectars	Holders	Hectars	Holders	Hectars
Benshangul-Gumuz	855	575	309	70	594	490	19	*
Metekel Zone	763	529	270	54	531	461	19	*
Dangur	123	119	*	*	123	112	-	-
Guba	-	-	-	-	-	-	-	-
Wenbera	69	45	35	11	28	20	19	*
Mandura	36	9	30	8	6	2	-	-
Dibate	48	37	10	*	38	24	-	-
Pawe	291	218	*	*	*	215	-	-
Bulen	196	100	142	12	91	87	-	-
Asosa Zone	91	46	39	16	64	30	-	-
Menge	3	3	-	-	3	3	-	-
Kurmak	3	1	-	-	3	1	-	-
Asosa	36	19	*	*	*	*	-	-
Bambasi	49	23	26	12	27	11	-	-

TABLE 6.20: NUMBER OF HOLDERS APPLLYING FERTILIZERS, AREA, AND QUANTITY APPLIED BY CROP IN RURAL AREAS, FOR PRIVATE HOLDINGS.

Geographic Level	Cereals						
	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	49505	17971	43895	11339	3844	2913	1278
Metekel Zone	17853	8807	15225	4595	2203	2241	1117
Dangur	1992	1014	1816	495	246	251	*
Guba	149	63	147	62	2	1	1
Wenbera	4515	3574	3597	1733	1035	1216	594
Mandura	956	429	845	316	73	*	*
Dibate	4596	2089	3890	990	564	548	290
Pawe	4072	826	3441	380	223	101	57
Bulen	1572	813	1490	620	*	*	*
Asosa Zone	25429	6069	23627	4702	1454	443	118
Menge	1955	454	1812	405	*	*	*
Kurmak	1049	312	997	286	-	-	-
Asosa	12209	2445	11473	1584	1104	349	79
Sherkole	1284	248	1274	247	-	-	-
Bambasi	4049	1165	3880	1071	106	23	*
Oda Godere	2708	869	2648	825	-	-	-
Komesha	707	219	495	92	61	32	*
Mao Komo Special	1468	358	1048	191	134	22	14
Kemeshi Zone	6223	3095	5043	2042	187	229	43
Yaso	1121	306	1105	304	-	-	-
Sirba Abay	1054	452	1025	424	-	-	-
Kamashi	731	817	620	490	132	195	38
Agalo Meti	1080	493	1006	442	55	*	*
Belo Jigonfoy	2238	1026	1286	382	-	-	-

TABLE 6.20: CONTD.

Geographic Level	Cereals					
	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	1222	496	211	6409	3223	4141
Metekel Zone	653	340	161	2679	1631	2050
Dangur	*	*	*	*	249	241
Guba	-	-	-	-	-	-
Wenbera	237	117	58	701	508	522
Mandura	-	-	-	110	51	75
Dibate	112	70	44	910	480	779
Pawe	256	124	45	561	221	320
Bulen	*	*	*	138	*	114
Asosa Zone	532	108	38	2197	816	830
Menge	*	*	*	70	*	33
Kurmak	*	*	*	*	*	*
Asosa	355	71	14	1212	441	385
Sherkole	*	*	*	*	*	-
Bambasi	*	*	*	162	65	*
Oda Godere	-	-	-	117	43	46
Komesha	*	*	*	233	94	92
Mao Komo Special	80	19	10	357	126	141
Kemeshi Zone	38	48	12	1534	776	1260
Yaso	-	-	-	*	*	*
Sirba Abay	-	-	-	83	28	35
Kamashi	21	40	9	215	92	127
Agalo Meti	*	*	*	*	*	*
Belo Jegonfoy	*	*	*	1193	639	1093

TABEL 6.20.1 RURAL MEHER

Geographic Level	Cereals					
	Total Fertilized Cropland		Type of Fertilizer Applied			
			Natural		Dap	
	Holder	Hectar	Holder	Hectar	Holder	Quintal
Benshangul-Gumuz	48932	17851	43132	11219	3844	1278
Metekel Zone	17694	8753	14993	4541	2203	1117
Dangur	1992	1014	1816	495	246	*
Guba	149	63	147	62	2	1
Wenbera	4370	3520	3378	1679	1035	594
Mandura	956	429	845	316	73	*
Dibate	4596	2089	3890	990	564	290
Pawe	4059	826	3428	380	223	57
Bulen	1572	813	1490	620	*	*
Asosa Zone	25065	6009	23146	4642	1454	118
Menge	1955	454	1812	405	*	*
Kurmak	1049	312	997	286	-	-
Asosa	11904	2401	11080	1540	1104	79
Sherkole	1284	248	1274	247	-	-
Bambasi	4016	1159	3847	1066	106	23
Oda Godere	2700	868	2639	824	-	-
Komesha	688	218	470	92	61	32
Mao Komo Special	1468	349	1026	183	134	22
Kemeshi Zone	6174	3089	4993	2036	187	229
Yaso	1121	306	1105	304	-	-
Sirba Abay	1054	452	1025	424	-	-
Kamashi	731	817	620	490	132	195
Agalo Meti	1030	488	957	436	55	*
Belo Jegonfoy	2238	1026	1286	382	-	-

TABEL 6.20.1 : CONTD.

Geographic Level	Cereals					
	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	1222	496	211	6409	3223	4141
Metekel Zone	653	340	161	2679	1631	2050
Dangur	*	*	*	*	249	241
Guba	-	-	-	-	-	-
Wenbera	237	117	58	701	508	522
Mandura	-	-	-	110	51	75
Dibate	112	70	44	910	480	779
Pawe	256	124	45	561	221	320
Bulen	*	*	*	138	*	114
Asosa Zone	532	108	38	2197	816	830
Menge	*	*	*	70	*	33
Kurmak	*	*	*	*	*	*
Asosa	355	71	14	1212	441	385
Sherkole	*	*	*	*	*	-
Bambasi	*	*	*	162	65	*
Oda Godere	-	-	-	117	43	46
Komesha	*	*	*	233	94	92
Mao Komo Special	80	19	10	357	126	141
Kemeshi Zone	38	48	12	1534	776	1260
Yaso	-	-	-	*	*	*
Sirba Abay	-	-	-	83	28	35
Kamashi	21	40	9	215	92	127
Agalo Meti	*	*	*	*	*	*
Belo Jegonfoy	*	*	*	1193	639	1093

TABEL 6.20.1a: Teff

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	5068	3281	2247	1030	2223	1691	633
Metekel Zone	2861	2581	1445	890	1125	1245	561
Dangur	476	431	194	88	229	229	*
Guba	-	-	-	-	-	-	-
Wenbera	2201	2033	1123	718	849	987	431
Mandura	*	*	-	-	-	-	-
Dibate	100	65	*	*	*	*	*
Pawe	-	-	-	-	-	-	-
Bulen	75	*	*	*	*	*	*
Asosa Zone	1766	481	570	92	933	318	40
Menge	*	*	*	*	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	1580	452	421	66	933	318	40
Sherkole	*	*	*	*	-	-	-
Bambasi	57	9	44	*	-	-	-
Oda Godere	*	*	*	*	-	-	-
Komesha	*	*	-	-	-	-	-
Mao Komo Special	56	*	37	*	-	-	-
Kemeshi Zone	442	219	231	48	165	128	32
Yaso	134	33	134	33	-	-	-
Sirba Abay	*	*	*	*	-	-	-
Kamashi	132	137	*	*	110	94	27
Agalo Meti	155	45	74	8	55	*	*
Belo Jegonfoy	-	-	-	-	-	-	-

TABEL 6.20.1a CONTD.

Geographic Level	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	271	123	40	627	437	313

Metekel Zone	86	54	*	410	393	304
Dangur	*	*	*	*	*	*
Guba	-	-	-	-	-	-
Wenbera	79	*	*	329	284	224
Mandura	-	-	-	*	*	*
Dibate	-	-	-	-	-	-
Pawe	-	-	-	-	-	-
Bulen	-	-	-	-	-	-
Asosa Zone	163	32	4	182	38	7
Menge	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-
Asosa	146	30	4	163	37	7
Sherkole	-	-	-	-	-	-
Bambasi	*	*	*	-	-	-
Oda Godere	-	-	-	-	-	-
Komesha	*	*	*	-	-	-
Mao Komo Special	-	-	-	*	*	-
Kemeshi Zone	21	37	8	*	*	*
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	*	*	*
Kamashi	21	37	8	-	-	-
Agalo Meti	-	-	-	*	*	*
Belo Jegonfoy	-	-	-	-	-	-

TABEL 6.20.1b: Barley

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	1512	360	1298	251	127	59	38
Metekel Zone	1432	357	1219	248	127	59	38
Dangur	382	87	365	82	*	*	*
Guba	-	-	-	-	-	-	-
Wenbera	1026	268	830	164	119	57	36
Mandura	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-
Pawe	*	*	*	*	-	-	-
Bulen	*	*	*	*	-	-	-
Asosa Zone	66	*	66	*	-	-	-
Menge	-	-	-	-	-	-	-
Kurmak	*	*	*	*	-	-	-
Asosa	-	-	-	-	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-	-
Oda Godere	*	*	*	*	-	-	-
Komesha	-	-	-	-	-	-	-
Mao Komo Special	*	*	*	*	-	-	-
Kemeshi Zone	*	*	*	*	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	*	*	*	*	-	-	-
Belo Jegonfoy	*	*	*	*	-	-	-

TABEL 6.20.1c: Wheat

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	1027	416	667	168	238	145	114
Metekel Zone	976	410	616	162	238	145	114
Dangur	*	*	*	*	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	935	407	576	159	238	145	114

Mandura	-	-	-	-	-	-	-
Dibate	*	*	*	*	-	-	-
Pawe	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	*	*	*	*	-	-	-
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-	-
Komesha	-	-	-	-	-	-	-
Mao Komo Special	*	*	*	*	-	-	-
Kemeshi Zone	-	-	-	-	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jegonfoy	-	-	-	-	-	-	-

TABEL 6.20.1c:CONTD.

Geographic Level	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	*	*	*	96	58	32
Metekel Zone	*	*	*	96	58	32
Dangur	-	-	-	-	-	-
Guba	-	-	-	-	-	-
Wenbera	*	*	*	96	58	32
Mandura	-	-	-	-	-	-
Dibate	-	-	-	-	-	-
Pawe	-	-	-	-	-	-
Bulen	-	-	-	-	-	-
Asosa Zone	-	-	-	-	-	-
Menge	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-
Asosa	-	-	-	-	-	-
Sherkole	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-
Komesha	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-
Kemeshi Zone	-	-	-	-	-	-
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-
Belo Jegonfoy	-	-	-	-	-	-

TABEL 6.20.1d: Maize

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	42683	8223	37813	5507	755	166	134
Metekel Zone	14817	3061	12940	2000	334	81	64
Dangur	1617	322	1517	161	*	*	-
Guba	9	*	9	*	-	-	-
Wenbera	2866	430	2282	270	140	*	*
Mandura	866	238	790	193	*	*	-
Dibate	4346	1207	3760	747	85	28	44
Pawe	3823	547	3342	344	81	6	4
Bulen	1290	316	1240	285	*	*	*
Asosa Zone	22581	3524	20714	2634	422	86	70
Menge	1841	293	1708	244	*	*	*
Kurmak	587	51	536	24	-	-	-
Asosa	11602	1294	10820	863	168	23	38
Sherkole	242	11	242	11	-	-	-
Bambasi	3869	887	3736	818	*	*	*
Oda Godere	2377	517	2316	474	-	-	-
Komesha	651	179	440	71	50	*	*
Mao Komo Special	1411	293	916	129	134	22	14
Kemeshi Zone	5286	1637	4159	872	-	-	-
Yaso	1057	204	1040	202	-	-	-
Sirba Abay	776	118	743	93	-	-	-
Kamashi	626	407	522	317	-	-	-
Agalo Meti	858	136	838	123	-	-	-
Belo Jegonfoy	1969	773	1016	138	-	-	-

TABEL 6.20.1d: CONTD.

Geographic Level	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	549	91	70	5641	2459	3609
Metekel Zone	237	44	42	2076	937	1541
Dangur	*	*	*	*	*	*
Guba	-	-	-	-	-	-
Wenbera	*	*	*	*	*	*
Mandura	-	-	-	93	45	68
Dibate	*	*	*	850	422	739
Pawe	110	24	19	478	173	286
Bulen	-	-	-	78	30	58
Asosa Zone	301	45	27	2098	760	811
Menge	*	*	*	61	*	33
Kurmak	*	*	*	*	*	*
Asosa	167	*	*	1146	393	368
Sherkole	-	-	-	-	-	-
Bambasi	-	-	-	162	65	*
Oda Godere	-	-	-	117	43	46
Komesha	*	*	*	233	88	92
Mao Komo Special	80	19	10	338	124	139
Kemeshi Zone	*	*	*	1467	762	1256
Yaso	-	-	-	*	*	*
Sirba Abay	-	-	-	74	25	34
Kamashi	-	-	-	211	90	127
Agalo Meti	*	*	*	*	*	*
Belo Jegonfoy	*	*	*	1152	634	1093

TABEL 6.20.1e: Sorghum

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	10647	3790	10314	3670	111	32	9
Metekel Zone	1317	778	1223	747	*	*	2
Dangur	*	*	*	*	-	-	-
Guba	146	63	143	62	2	1	1
Wenbera	514	*	498	*	-	-	-
Mandura	123	59	*	54	*	*	-
Dibate	90	70	90	70	-	-	-
Pawe	112	18	69	*	*	*	*
Bulen	*	*	*	*	-	-	-
Asosa Zone	7224	1934	7048	1859	77	*	*
Menge	553	161	544	160	-	-	-
Kurmak	801	261	801	261	-	-	-
Asosa	2550	646	2445	601	*	*	*
Sherkole	1267	236	1257	235	-	-	-
Bambasi	722	220	688	210	*	*	*
Oda Godere	1062	342	1062	342	-	-	-
Komesha	123	38	112	20	*	*	*
Mao Komo Special	145	30	138	29	-	-	-
Kemeshi Zone	2106	1078	2043	1064	*	*	*
Yaso	193	50	193	50	-	-	-
Sirba Abay	621	329	621	329	-	-	-
Kamashi	211	155	197	152	*	*	*
Agalo Meti	554	301	541	299	-	-	-
Belo Jegonfoy	526	244	491	234	-	-	-

TABEL 6.20.1e: CONTD.

Geographic	Type of Fertilizer Applied
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Level	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	125	52	*	140	37	*
Metekel Zone	*	*	*	39	*	*
Dangur	-	-	-	*	*	*
Guba	-	-	-	-	-	-
Wenbera	*	*	-	-	-	-
Mandura	-	-	-	*	*	*
Dibate	-	-	-	-	-	-
Pawe	*	*	*	*	*	*
Bulen	*	*	-	-	-	-
Asosa Zone	88	*	*	*	*	*
Menge	-	-	-	*	*	-
Kurmak	-	-	-	-	-	-
Asosa	*	*	*	*	*	*
Sherkole	*	*	*	*	*	-
Bambasi	*	*	*	-	-	-
Oda Godere	-	-	-	-	-	-
Komesha	-	-	-	*	*	-
Mao Komo Special	-	-	-	*	*	*
Kemeshi Zone	*	*	*	59	8	*
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	*	*	-
Agalo Meti	-	-	-	*	*	*
Belo Jigonfo	*	*	*	42	5	-

TABEL 6.20.1f : Finger Millet

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	2451	1699	1246	579	852	809	337
Metekel Zone	1734	1489	689	485	703	696	326
Dangur	*	*	*	*	*	*	*
Guba	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-
Mandura	168	128	*	*	*	*	*
Dibate	797	745	194	124	477	503	239
Pawe	326	192	56	20	109	84	41
Bulen	*	*	*	*	*	*	*
Asosa Zone	415	59	331	46	*	*	*
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	201	*	201	*	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	168	43	83	*	*	*	*
Oda Godere	*	*	*	*	-	-	-
Komesha	-	-	-	-	-	-	-
Mao Komo Special	*	*	*	*	-	-	-
Kemeshi Zone	302	151	226	49	64	99	5
Yaso	96	20	96	20	-	-	-
Sirba Abay	*	*	*	*	-	-	-
Kamashi	124	116	49	14	64	99	5
Agalo Meti	27	*	27	*	-	-	-
Belo Jigonfo	46	9	46	9	-	-	-

TABEL 6.20.1.f: CONTD.

Geographic	Type of Fertilizer Applied
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Level	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	228	143	54	142	*	*
Metekel Zone	217	140	53	142	*	*
Dangur	*	*	*	-	-	-
Guba	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-
Mandura	-	-	-	-	-	-
Dibate	56	60	28	69	58	*
Pawe	148	70	20	*	*	*
Bulen	*	*	*	*	*	*
Asosa Zone	-	-	-	-	-	-
Menge	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-
Asosa	-	-	-	-	-	-
Sherkole	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-
Komesha	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-
Kemeshi Zone	*	*	*	-	-	-
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	*	*	*	-	-	-
Agalo Meti	-	-	-	-	-	-
Belo Jigonfoy	-	-	-	-	-	-

TABEL 6.20.1g: Oats ('Aja')

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	218	9	203	7	*	*	*
Metekel Zone	83	*	68	*	*	*	*
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	78	*	64	*	*	*	*
Mandura	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-
Bulen	*	*	*	*	-	-	-
Asosa Zone	115	2	115	2	-	-	-
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	*	*	*	*	-	-	-
Sherkole	*	*	*	*	-	-	-
Bambasi	-	-	-	-	-	-	-
Oda Godere	70	*	70	*	-	-	-
Komesha	*	*	*	*	-	-	-
Mao Komo Special	-	-	-	-	-	-	-
Kemeshi Zone	20	2	20	2	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	*	*	*	*	-	-	-
Kamashi	*	*	*	*	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jigonfoy	-	-	-	-	-	-	-

TABEL 6.20.1h : Rice

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	177	72	*	*	*	*	*
Metekel Zone	177	72	*	*	*	*	*
Dangur	*	*	*	*	-	-	-
Guba	-	-	-	-	-	-	-

Wenbera	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	*	*	*	*	-	-	-
Pawe	160	68	*	*	*	*	*
Bulen	-	-	-	-	-	-	-
Asosa Zone	-	-	-	-	-	-	-
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-	-
Komesha	-	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-	-
Kemeshi Zone	-	-	-	-	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jegonfoy	-	-	-	-	-	-	-

TABEL 6.20.1h : CONTD.

Geographic Level	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	*	*	*	65	*	*
Metekel Zone	*	*	*	65	*	*
Dangur	-	-	-	-	-	-
Guba	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-
Mandura	-	-	-	-	-	-
Dibate	-	-	-	-	-	-
Pawe	*	*	*	65	*	*
Bulen	-	-	-	-	-	-
Asosa Zone	-	-	-	-	-	-
Menge	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-
Asosa	-	-	-	-	-	-
Sherkole	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-
Komesha	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-
Kemeshi Zone	-	-	-	-	-	-
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-
Belo Jegonfoy	-	-	-	-	-	-

TABEL 6.20.2: RURAL BELG

Geographic Level	Cereals						
	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	2356	120	2356	120	-	-	-
Metekel Zone	485	54	485	54	-	-	-
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	461	*	461	*	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-
Pawe	*	*	*	*	-	-	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	1822	60	1822	60	-	-	-

Menge	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-
Asosa	1586	45	1586	45	-	-
Sherkole	-	-	-	-	-	-
Bambasi	115	6	115	6	-	-
Oda Godere	*	*	*	*	-	-
Komesha	39	*	39	*	-	-
Mao Komo Special	*	*	*	*	-	-
Kemeshi Zone	50	6	50	6	-	-
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-
Agalo Meti	50	6	50	6	-	-
Belo Jegonfoy	-	-	-	-	-	-

TABEL 6.21: URBAN HOLDINGS

Geographic Label	Cereals							
	Application of Total Fertilizers		Application of Fertilizers by Type and Quality					
			Natural		Chemical		Natural and Chemical	
	Holders	Hectars	Holders	Hectars	Holders	Hectars	Holders	Hectars
Benshangul-Gumuz	693	485	291	60	434	413	19	12
Metekel Zone	602	442	252	46	371	384	19	12
Dangur	123	113	*	*	119	106	-	-
Guba	-	-	-	-	-	-	-	-
Wenbera	55	32	17	*	19	17	19	12
Mandura	30	8	30	8	-	-	-	-
Dibate	48	37	10	*	38	24	-	-
Pawe	149	151	*	*	103	149	-	-
Bulen	196	100	142	12	91	87	-	-
Asosa Zone	91	43	39	14	64	29	-	-
Menge	3	3	-	-	3	3	-	-
Kurmak	3	1	-	-	3	1	-	-
Asosa	36	19	*	*	*	*	-	-
Bambasi	49	21	26	10	27	11	-	-

TABLE 6.22: NUMBER OF HOLDERS APPLLYING FERTILIZERS, AREA, AND QUANTITY APPLIED BY CROP IN RURAL AREAS, FOR PRIVATE HOLDINGS.

Geographic Level	Pulses						
	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	11582	1571	10313	879	1003	625	584
Metekel Zone	4871	1208	3943	546	900	616	583
Dangur	590	110	565	94	*	*	*
Guba	35	6	35	6	-	-	-
Wenbera	2038	400	1991	368	78	*	*
Mandura	124	*	124	*	-	-	-
Dibate	906	52	885	49	*	*	*
Pawe	976	616	141	5	767	571	542
Bulen	202	19	202	19	-	-	-
Asosa Zone	5049	241	4736	213	96	*	*
Menge	409	17	396	14	*	*	-
Kurmak	599	53	599	53	-	-	-
Asosa	2749	72	2545	56	*	*	*
Sherkole	57	2	57	2	-	-	-
Bambasi	525	54	504	53	*	*	*
Oda Godere	390	21	381	21	*	*	*
Komesha	169	9	134	5	*	*	-
Mao Komo Special	151	12	120	8	*	*	*
Kemeshi Zone	1662	121	1634	120	*	*	*
Yaso	262	20	262	20	-	-	-

Sirba Abay	436	33	436	33	-	-	-
Kamashi	374	31	358	30	*	*	*
Agalo Meti	249	29	236	29	-	-	-
Belo Jefonfoy	341	8	341	8	-	-	-

TABLE 6.22: CONTD.

Geographic Level	Pulses					
	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	*	*	*	334	44	*
Metekel Zone	*	*	*	69	*	*
Dangur	-	-	-	-	-	-
Guba	-	-	-	-	-	-
Wenbera	-	-	-	*	*	*
Mandura	-	-	-	*	*	-
Dibate	-	-	-	-	-	-
Pawe	*	*	*	34	*	*
Bulen	-	-	-	-	-	-
Asosa Zone	-	-	-	244	19	*
Menge	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-
Asosa	-	-	-	*	*	*
Sherkole	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-
Komesha	-	-	-	35	4	-
Mao Komo Special	-	-	-	*	*	-
Kemeshi Zone	-	-	-	*	*	*
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	*	*	-
Agalo Meti	-	-	-	*	*	*
Belo Jefonfoy	-	-	-	-	-	-

TABEL 6.22.1: RURAL MEHER

Geographic Level	Pulses						
	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	10525	1549	9236	858	1003	625	584
Metekel Zone	4863	1208	3934	546	900	616	583
Dangur	590	110	565	94	*	*	*
Guba	35	6	35	6	-	-	-
Wenbera	2029	400	1982	368	78	*	*
Mandura	124	*	124	*	-	-	-
Dibate	906	52	885	49	*	*	*
Pawe	976	616	141	5	767	571	542
Bulen	202	19	202	19	-	-	-
Asosa Zone	4000	220	3668	192	96	*	*
Menge	409	17	396	14	*	*	-
Kurmak	599	53	599	53	-	-	-
Asosa	1846	56	1623	40	*	*	*
Sherkole	57	2	57	2	-	-	-
Bambasi	446	52	425	51	*	*	*
Oda Godere	390	21	381	21	*	*	*
Komesha	160	9	125	5	*	*	-
Mao Komo Special	93	*	62	*	*	*	*
Kemeshi Zone	1662	121	1634	120	*	*	*
Yaso	262	20	262	20	-	-	-
Sirba Abay	436	33	436	33	-	-	-
Kamashi	374	31	358	30	*	*	*
Agalo Meti	249	29	236	29	-	-	-
Belo Jefonfoy	341	8	341	8	-	-	-

TABEL 6.22.1: CONTD.

Geographic Level	Pulses					
	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	*	*	*	334	44	*
Metekel Zone	*	*	*	69	*	*
Dangur	-	-	-	-	-	-
Guba	-	-	-	-	-	-
Wenbera	-	-	-	*	*	*
Mandura	-	-	-	*	*	-
Dibate	-	-	-	-	-	-
Pawe	*	*	*	34	*	*
Bulen	-	-	-	-	-	-
Asosa Zone	-	-	-	244	19	*
Menge	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-
Asosa	-	-	-	*	*	*
Sherkole	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-
Komesha	-	-	-	35	4	-
Mao Komo Special	-	-	-	*	*	-
Kemeshi Zone	-	-	-	*	*	*
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	*	*	-
Agalo Meti	-	-	-	*	*	*
Belo Jegonfoy	-	-	-	-	-	-

TABEL 6.22.1a : Horse beans

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	2133	241	2102	233	*	*	*
Metekel Zone	2078	237	2047	230	*	*	*
Dangur	431	67	414	64	*	*	*
Guba	-	-	-	-	-	-	-
Wenbera	1519	157	1505	153	*	*	*
Mandura	-	-	-	-	-	-	-
Dibate	77	*	77	*	-	-	-
Pawe	-	-	-	-	-	-	-
Bulen	*	*	*	*	-	-	-
Asosa Zone	*	*	*	*	-	-	-
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	*	*	*	*	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-	-
Komesha	-	-	-	-	-	-	-
Mao Komo Special	*	*	*	*	-	-	-
Kemeshi Zone	*	*	*	*	-	-	-
Yaso	*	*	*	*	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-

TABEL 6.22.1b : Field peas

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	1177	256	1088	227	67	*	17
Metekel Zone	1104	253	1027	224	67	*	17
Dangur	207	35	191	29	*	*	*
Guba	-	-	-	-	-	-	-
Wenbera	830	217	782	195	*	*	*
Mandura	-	-	-	-	-	-	-
Dibate	*	*	*	*	*	*	*
Pawe	-	-	-	-	-	-	-
Bulen	*	*	*	*	-	-	-
Asosa Zone	48	*	48	*	-	-	-
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	*	*	*	*	-	-	-
Oda Godere	*	*	*	*	-	-	-
Komesha	-	-	-	-	-	-	-
Mao Komo Special	*	*	*	*	-	-	-
Kemeshi Zone	*	*	*	*	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	*	*	*	*	-	-	-
Belo Jigonfoy	-	-	-	-	-	-	-

TABEL 6.22.1c : Haricot beans

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	6116	347	5754	310	93	*	*
Metekel Zone	1142	64	1107	56	*	*	*
Dangur	*	*	*	*	-	-	-
Guba	35	6	35	6	-	-	-
Wenbera	*	*	*	*	-	-	-
Mandura	124	*	124	*	-	-	-
Dibate	618	*	618	*	-	-	-
Pawe	113	*	78	*	*	*	*
Bulen	142	*	142	*	-	-	-
Asosa Zone	3412	167	3101	140	75	*	*
Menge	409	17	396	14	*	*	-
Kurmak	566	52	566	52	-	-	-
Asosa	1603	45	1379	28	*	*	*
Sherkole	53	2	53	2	-	-	-
Bambasi	183	*	183	*	-	-	-
Oda Godere	375	19	366	19	*	*	*
Komesha	158	9	123	5	*	*	*
Mao Komo Special	64	*	*	*	*	*	*
Kemeshi Zone	1562	115	1546	114	*	*	*
Yaso	212	14	212	14	-	-	-
Sirba Abay	434	33	434	33	-	-	-
Kamashi	374	31	358	30	*	*	*
Agalo Meti	230	29	230	29	-	-	-
Belo Jigonfoy	311	8	311	8	-	-	-

TABEL 6.22.1C :CONTD.

Geographic Level	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	-	-	-	284	22	*
Metekel Zone	-	-	-	*	*	*
Dangur	-	-	-	-	-	-
Guba	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-
Mandura	-	-	-	*	*	-
Dibate	-	-	-	-	-	-
Pawe	-	-	-	*	*	*
Bulen	-	-	-	-	-	-
Asosa Zone	-	-	-	244	19	*
Menge	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-
Asosa	-	-	-	*	*	*
Sherkole	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-
Komesha	-	-	-	35	4	-
Mao Komo Special	-	-	-	*	*	-
Kemeshi Zone	-	-	-	*	*	-
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	*	*	-
Agalo Meti	-	-	-	-	-	-
Belo Jigonfoy	-	-	-	-	-	-

TABEL 6.22.1d : Chick peas

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	527	46	517	45	*	*	*
Metekel Zone	*	11	*	11	-	-	-
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	*	11	*	11	-	-	-
Pawe	-	-	-	-	-	-	-
Bulen	*	*	*	*	-	-	-
Asosa Zone	313	29	303	*	*	*	*
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	*	*	*	*	-	-	-
Sherkole	*	*	*	*	-	-	-
Bambasi	201	*	191	*	*	*	*
Oda Godere	*	*	*	*	-	-	-
Komesha	*	*	*	*	-	-	-
Mao Komo Special	-	-	-	-	-	-	-
Kemeshi Zone	46	5	46	5	-	-	-
Yaso	46	5	46	5	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jegonfoy	-	-	-	-	-	-	-

TABEL 6.22.1e : Lentils

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	423	17	405	16	*	*	*
Metekel Zone	423	17	405	16	*	*	*
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	418	17	400	16	*	*	*
Mandura	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-
Bulen	*	*	*	*	-	-	-
Asosa Zone	-	-	-	-	-	-	-
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-	-
Komesha	-	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-	-
Kemeshi Zone	-	-	-	-	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jegonfoy	-	-	-	-	-	-	-

TABEL 6.22.1f : Vetch

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	77	2	77	2	-	-	-
Metekel Zone	-	-	-	-	-	-	-
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	77	2	77	2	-	-	-
Menge	-	-	-	-	-	-	-
Kurmak	*	*	*	*	-	-	-
Asosa	-	-	-	-	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	*	*	*	*	-	-	-
Oda Godere	*	*	*	*	-	-	-
Komesha	-	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-	-
Kemeshi Zone	-	-	-	-	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jegonfoy	-	-	-	-	-	-	-

TABEL 6.22.1g : Soya beans

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	1145	630	316	17	786	575	550
Metekel Zone	900	617	82	*	775	574	550
Dangur	*	*	*	*	*	*	*
Guba	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	*	*	-	-	*	*	*
Pawe	863	607	63	*	757	565	536
Bulen	*	*	*	*	-	-	-
Asosa Zone	184	13	173	13	*	*	-
Menge	-	-	-	-	-	-	-
Kurmak	*	*	*	*	-	-	-
Asosa	125	*	125	*	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	53	*	*	*	*	*	-
Oda Godere	-	-	-	-	-	-	-
Komesha	-	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-	-
Kemeshi Zone	60	*	60	*	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jegonfoy	60	*	60	*	-	-	-

TABEL 6.22.1h : Fenugreek

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	103	*	103	*	-	-	-
Metekel Zone	103	*	103	*	-	-	-

Dangur	-	-	-	-	-	-
Guba	-	-	-	-	-	-
Wenbera	61	*	61	*	-	-
Mandura	-	-	-	-	-	-
Dibate	*	*	*	*	-	-
Pawe	-	-	-	-	-	-
Bulen	-	-	-	-	-	-
Asosa Zone	-	-	-	-	-	-
Menge	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-
Asosa	-	-	-	-	-	-
Sherkole	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-
Komesha	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-
Kemeshi Zone	-	-	-	-	-	-
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-
Belo Jefonfoy	-	-	-	-	-	-

TABEL 6.22.2: RURAL BELG

Geographic Level	Pulses						
	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	1156	21	1156	21	-	-	-
Metekel Zone	*	*	*	*	-	-	-
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	*	*	*	*	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	1147	21	1147	21	-	-	-
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	989	16	989	16	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	79	*	79	*	-	-	-
Oda Godere	-	-	-	-	-	-	-
Komesha	*	*	*	*	-	-	-
Mao Komo Special	*	*	*	*	-	-	-
Kemeshi Zone	-	-	-	-	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jefonfoy	-	-	-	-	-	-	-

TABEL 6.23: URBAN HOLDINGS

Geographic Label	Pulses							
	Application of Total Fertilizers		Type of Fertilizers applied					
			Natural		Chemical		Natural and Chemical	
	Holders	Hectars	Holders	Hectars	Holders	Hectars	Holders	Hectars
Benshangul-Gumuz	191	*	24	6	*	*	*	*
Metekel Zone	*	*	18	*	*	*	*	*
Dangur	11	*	-	-	11	*	-	-
Guba	-	-	-	-	-	-	-	-

Wenbera	27	9	18	*	*	*	*	*
Mandura	6	2	-	-	6	2	-	-
Dibate	-	-	-	-	-	-	-	-
Pawe	*	*	-	-	*	*	-	-
Bulen	-	-	-	-	-	-	-	-
Asosa Zone	*	*	*	*	-	-	-	-
Menge	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-
Asosa	*	*	*	*	-	-	-	-
Bambasi	*	*	*	*	-	-	-	-

TABLE 6.24: NUMBER OF HOLDERS APPLLYING FERTILIZERS, AREA, AND QUANTITY APPLIED BY CROP IN RURAL AREAS, FOR PRIVATE HOLDINGS .

Oil Seeds								
Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied					
			Natural		Dap			
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal	
Benshangul-Gumuz	9400	1906	8734	1617	327	99		37
Metekel Zone	2778	675	2363	457	192	57		*
Dangur	350	*	336	21	*	*		*
Guba	45	9	40	8	*	*		-
Wenbera	893	129	827	106	*	*		*
Mandura	79	*	71	*	*	*		-
Dibate	477	*	465	*	*	*		*
Pawe	672	197	386	58	89	*		*
Bulen	*	*	*	*	-	-		-
Asosa Zone	4907	713	4783	703	71	4		*
Menge	322	32	322	32	-	-		-
Kurmak	408	57	408	57	-	-		-
Asosa	2071	369	2052	369	-	-		-
Sherkole	528	39	517	38	*	*		-
Bambasi	775	119	733	113	*	*		*
Oda Godere	649	88	649	88	-	-		-
Komesha	46	4	33	*	*	*		*
Mao Komo Special	108	5	69	*	*	*		*
Kemeshi Zone	1715	518	1588	456	64	37		9
Yaso	131	18	131	18	-	-		-
Sirba Abay	350	57	350	57	-	-		-
Kamashi	201	26	201	26	-	-		-
Agalo Meti	292	37	279	34	-	-		-
Belo Jegonfoy	741	380	627	322	64	37		9

TABEL 6.24: CONTD.

Oil seeds						
Geographic Level	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	204	*	14	188	72	71
Metekel Zone	158	*	11	107	*	*
Dangur	*	*	*	-	-	-
Guba	-	-	-	-	-	-
Wenbera	-	-	-	*	*	*
Mandura	-	-	-	*	*	-
Dibate	-	-	-	-	-	-
Pawe	154	*	11	56	*	*
Bulen	-	-	-	*	*	*
Asosa Zone	*	*	*	46	*	*

Menge	-	-	-	*	*	*
Kurmak	-	-	-	-	-	-
Asosa	*	*	*	-	-	-
Sherkole	-	-	-	*	*	-
Bambasi	-	-	-	*	*	-
Oda Godere	-	-	-	-	-	-
Komesha	-	-	-	*	*	*
Mao Komo Special	-	-	-	*	*	-
Kemeshi Zone	*	*	*	*	*	*
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-
Agalo Meti	-	-	-	*	*	*
Belo Jegonfoy	*	*	*	*	*	*

TABLE 6.24.1: RURAL MEHER

Oil Seeds							
Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	9316	1905	8650	1616	327	99	37
Metekel Zone	2778	675	2363	457	192	57	*
Dangur	350	*	336	21	*	*	*
Guba	45	9	40	8	*	*	-
Wenbera	893	129	827	106	*	*	*
Mandura	79	*	71	*	*	*	-
Dibate	477	*	465	*	*	*	*
Pawe	672	197	386	58	89	*	*
Bulen	*	*	*	*	-	-	-
Asosa Zone	4823	712	4699	703	71	4	*
Menge	322	32	322	32	-	-	-
Kurmak	408	57	408	57	-	-	-
Asosa	2002	369	1983	369	-	-	-
Sherkole	528	39	517	38	*	*	-
Bambasi	775	119	733	113	*	*	*
Oda Godere	649	88	649	88	-	-	-
Komesha	46	4	33	*	*	*	*
Mao Komo Special	93	5	54	*	*	*	*
Kemeshi Zone	1715	518	1588	456	64	37	9
Yaso	131	18	131	18	-	-	-
Sirba Abay	350	57	350	57	-	-	-
Kamashi	201	26	201	26	-	-	-
Agalo Meti	292	37	279	34	-	-	-
Belo Jegonfoy	741	380	627	322	64	37	9

TABLE 6.24.1: CONTD.

Oil seeds						
Geographic Level	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	204	*	14	188	72	71
Metekel Zone	158	*	11	107	*	*
Dangur	*	*	*	-	-	-
Guba	-	-	-	-	-	-
Wenbera	-	-	-	*	*	*
Mandura	-	-	-	*	*	-
Dibate	-	-	-	-	-	-
Pawe	154	*	11	56	*	*
Bulen	-	-	-	*	*	*
Asosa Zone	*	*	*	46	*	*
Menge	-	-	-	*	*	*
Kurmak	-	-	-	-	-	-
Asosa	*	*	*	-	-	-
Sherkole	-	-	-	*	*	-
Bambasi	-	-	-	*	*	-

Oda Godere	-	-	-	-	-	-
Komesha	-	-	-	*	*	*
Mao Komo Special	-	-	-	*	*	-
Kemeshi Zone	*	*	*	*	*	*
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-
Agalo Meti	-	-	-	*	*	*
Belo Jigonfo	*	*	*	*	*	*

TABLE 6.24.1a: Neug

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	2450	849	2336	787	56	*	*
Metekel Zone	586	395	514	*	*	*	*
Dangur	*	*	*	*	-	-	-
Guba	*	*	*	*	-	-	-
Wenbera	263	98	228	79	*	*	*
Mandura	*	*	*	*	-	-	-
Dibate	*	*	*	*	*	*	*
Pawe	*	*	*	*	-	-	-
Bulen	*	*	*	*	-	-	-
Asosa Zone	1462	403	1420	397	*	*	-
Menge	*	*	*	*	-	-	-
Kurmak	*	*	*	*	-	-	-
Asosa	1068	336	1068	336	-	-	-
Sherkole	58	3	52	*	*	*	-
Bambasi	247	59	218	54	*	*	-
Oda Godere	*	*	*	*	-	-	-
Komesha	*	*	*	*	-	-	-
Mao Komo Special	*	*	*	*	-	-	-
Kemeshi Zone	401	51	401	51	-	-	-
Yaso	50	7	50	7	-	-	-
Sirba Abay	*	*	*	*	-	-	-
Kamashi	159	18	159	18	-	-	-
Agalo Meti	24	*	24	*	-	-	-
Belo Jigonfo	164	24	164	24	-	-	-

TABLE 6.24.1b: Linseed

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	506	23	486	21	*	*	*
Metekel Zone	116	11	107	10	-	-	-
Dangur	*	*	*	*	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	102	9	93	*	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-
Bulen	*	*	*	*	-	-	-
Asosa Zone	356	8	344	8	*	*	*
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	*	*	*	*	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	88	*	88	*	-	-	-
Oda Godere	*	*	*	*	-	-	-
Komesha	*	*	-	-	*	*	*
Mao Komo Special	*	*	*	*	-	-	-
Kemeshi Zone	35	*	35	*	-	-	-
Yaso	-	-	-	-	-	-	-

Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-
Belo Jegonfoy	35	*	35	*	-	-

TABLE 6.24.1c: Groundnuts

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	1013	44	951	38	*	*	*
Metekel Zone	396	28	338	23	*	*	*
Dangur	*	*	*	*	-	-	-
Guba	*	*	*	*	-	-	-
Wenbera	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	*	*	*	*	-	-	-
Pawe	236	22	178	17	*	*	*
Bulen	-	-	-	-	-	-	-
Asosa Zone	582	15	579	14	*	*	-
Menge	56	*	56	*	-	-	-
Kurmak	60	1	60	1	-	-	-
Asosa	225	*	225	*	-	-	-
Sherkole	30	*	30	*	-	-	-
Bambasi	*	*	*	*	-	-	-
Oda Godere	125	1	125	1	-	-	-
Komesha	27	1	23	1	*	*	-
Mao Komo Special	*	*	*	*	-	-	-
Kemeshi Zone	35	1	35	1	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	*	*	*	*	-	-	-
Kamashi	*	*	*	*	-	-	-
Agalo Meti	27	1	27	1	-	-	-
Belo Jegonfoy	-	-	-	-	-	-	-

TABLE 6.24.1c: CONTD.

Geographic Level	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	*	*	*	44	3	*
Metekel Zone	*	*	*	36	*	*
Dangur	-	-	-	-	-	-
Guba	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-
Mandura	-	-	-	-	-	-
Dibate	-	-	-	-	-	-
Pawe	*	*	*	36	*	*
Bulen	-	-	-	-	-	-
Asosa Zone	-	-	-	*	*	*
Menge	-	-	-	*	*	*
Kurmak	-	-	-	-	-	-
Asosa	-	-	-	-	-	-
Sherkole	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-
Komesha	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-
Kemeshi Zone	-	-	-	-	-	-
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-

Belo Jegonfoy	-	-	-	-	-	-
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TABLE 6.24.1d: Sufflower

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	156	*	109	*	*	*	-
Metekel Zone	*	*	*	*	*	*	-
Dangur	*	*	*	*	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-
Pawe	*	*	*	*	*	*	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	*	*	*	*	-	-	-
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	*	*	*	*	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	*	*	*	*	-	-	-
Oda Godere	*	*	*	*	-	-	-
Komesha	-	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-	-
Kemeshi Zone	-	-	-	-	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jegonfoy	-	-	-	-	-	-	-

TABLE 6.24.1e: Sesame

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	4109	924	3712	710	164	71	26
Metekel Zone	501	198	271	48	82	*	*
Dangur	*	*	*	*	*	*	*
Guba	37	7	32	6	*	*	-
Wenbera	*	*	*	*	-	-	-
Mandura	*	*	*	*	-	-	-
Dibate	*	*	*	*	-	-	-
Pawe	372	160	154	28	68	*	*
Bulen	-	-	-	-	-	-	-
Asosa Zone	2144	264	2105	262	*	*	*
Menge	282	30	282	30	-	-	-
Kurmak	349	55	349	55	-	-	-
Asosa	*	*	*	*	-	-	-
Sherkole	457	35	452	35	*	*	-
Bambasi	414	57	402	57	*	*	*
Oda Godere	459	81	459	81	-	-	-
Komesha	*	*	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-	-
Kemeshi Zone	1463	462	1336	401	64	37	9
Yaso	84	11	84	11	-	-	-
Sirba Abay	347	57	347	57	-	-	-
Kamashi	64	7	64	7	-	-	-
Agalo Meti	274	35	261	32	-	-	-
Belo Jegonfoy	694	352	581	294	64	37	9

TABLE 6.24.1e: CONTD.

Geographic	Type of Fertilizer Applied
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Level	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	174	*	11	62	27	*
Metekel Zone	129	*	8	*	*	*
Dangur	-	-	-	-	-	-
Guba	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-
Mandura	-	-	-	-	-	-
Dibate	-	-	-	-	-	-
Pawe	129	*	8	*	*	*
Bulen	-	-	-	-	-	-
Asosa Zone	*	*	*	*	*	*
Menge	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-
Asosa	*	*	*	-	-	-
Sherkole	-	-	-	*	*	-
Bambasi	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-
Komesha	-	-	-	*	*	*
Mao Komo Special	-	-	-	-	-	-
Kemeshi Zone	*	*	*	*	*	*
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-
Agalo Meti	-	-	-	*	*	*
Belo Jegonfoy	*	*	*	*	*	*

TABLE 6.24.1f: Rapeseed

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	2080	62	1977	58	83	*	*
Metekel Zone	1346	40	1274	36	*	*	*
Dangur	232	6	232	6	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	617	20	566	17	*	*	*
Mandura	*	*	*	*	*	*	-
Dibate	339	*	339	*	-	-	-
Pawe	48	*	*	*	-	-	-
Bulen	*	*	*	*	-	-	-
Asosa Zone	734	22	703	21	*	*	*
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	563	*	563	*	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	*	*	*	*	-	-	-
Oda Godere	*	*	*	*	-	-	-
Komesha	-	-	-	-	-	-	-
Mao Komo Special	61	*	*	*	*	*	*
Kemeshi Zone	-	-	-	-	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jegonfoy	-	-	-	-	-	-	-

TABLE 6.24.1g: Other Grains

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	2660	37	2511	35	*	*	*
Metekel Zone	992	13	898	12	*	*	-

Dangur	*	*	*	*	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	*	*	*	*	*	*	-
Mandura	63	*	*	*	-	-	-
Dibate	593	*	593	*	-	-	-
Pawe	200	2	133	1	-	-	-
Bulen	*	*	*	*	-	-	-
Asosa Zone	1386	16	1330	16	*	*	*
Menge	*	*	*	*	-	-	-
Kurmak	*	*	*	*	-	-	-
Asosa	686	3	643	2	*	*	*
Sherkole	*	7	*	7	-	-	-
Bambasi	364	5	351	5	*	*	-
Oda Godere	77	*	77	*	-	-	-
Komesha	*	*	*	*	-	-	-
Mao Komo Special	*	*	*	*	-	-	-
Kemeshi Zone	282	7	282	7	-	-	-
Yaso	64	1	64	1	-	-	-
Sirba Abay	*	*	*	*	-	-	-
Kamashi	*	*	*	*	-	-	-
Agalo Meti	140	6	140	6	-	-	-
Belo Jegonfoy	45	*	45	*	-	-	-

TABLE 6.25: NUMBER OF HOLDERS APPLLYING FERTILIZERS, AREA, AND QUANTITY APPLIED BY CROP IN RURAL AREAS, FOR PRIVATE HOLDINGS

Geographic Level	Vegetables						
	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	18555	532	16603	431	385	18	7
Metekel Zone	4136	154	3467	123	101	4	2
Dangur	270	7	250	6	-	-	-
Guba	19	*	19	*	-	-	-
Wenbera	218	*	218	*	-	-	-
Mandura	246	7	240	7	-	-	-
Dibate	1914	81	1859	79	*	*	*
Pawe	1126	36	541	9	60	3	1
Bulen	344	16	340	16	-	-	-
Asosa Zone	12269	301	11129	238	271	*	5
Menge	642	16	642	16	-	-	-
Kurmak	188	5	188	5	-	-	-
Asosa	6541	89	5760	65	152	*	*
Sherkole	543	12	538	11	-	-	-
Bambasi	2271	131	1975	93	*	*	*
Oda Godere	1387	40	1378	39	-	-	-
Komesha	192	3	167	3	*	*	*
Mao Komo Special	504	6	480	6	*	*	*
Kemeshi Zone	2150	78	2007	71	*	*	-
Yaso	464	9	460	9	-	-	-
Sirba Abay	530	33	530	33	-	-	-
Kamashi	138	3	121	2	-	-	-
Agalo Meti	276	6	263	6	*	*	-
Belo Jegonfoy	742	27	633	20	-	-	-

TABLE 6.25:CONTD.

TABLE 6.25. CONT'D.

Vegetables						
Geographic Level	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	1589	54	25	606	29	13
Metekel Zone	496	18	10	173	8	2
Dangur	*	*	*	*	*	-
Guba	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-
Mandura	*	*	*	*	*	-
Dibate	*	*	*	-	-	-
Pawe	470	17	9	140	7	2
Bulen	-	-	-	*	*	-
Asosa Zone	1084	35	15	311	14	11
Menge	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-
Asosa	866	14	10	203	5	*
Sherkole	*	*	*	-	-	-
Bambasi	208	21	4	67	7	*
Oda Godere	-	-	-	*	*	-
Komesha	-	-	-	*	*	*
Mao Komo Special	-	-	-	*	*	-
Kemeshi Zone	*	*	*	121	7	-
Yaso	*	*	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	*	*	-
Agalo Meti	-	-	-	-	-	-
Belo Jegonfoy	*	*	*	104	6	-

TABLE 6.25.1: RURAL MEHER

Geographic Level	Vegetables						
	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	17740	515	15608	414	385	18	7
Metekel Zone	4019	149	3336	119	101	4	2
Dangur	270	7	250	6	-	-	-
Guba	19	*	19	*	-	-	-
Wenbera	138	*	138	*	-	-	-
Mandura	246	7	240	7	-	-	-
Dibate	1914	81	1859	79	*	*	*
Pawe	1088	35	490	8	60	3	1
Bulen	344	16	340	16	-	-	-
Asosa Zone	11572	288	10265	225	271	*	5
Menge	642	16	642	16	-	-	-
Kurmak	188	5	188	5	-	-	-
Asosa	5997	79	5060	55	152	*	*
Sherkole	543	12	538	11	-	-	-
Bambasi	2247	131	1941	93	*	*	*
Oda Godere	1387	40	1378	39	-	-	-
Komesha	121	2	96	2	*	*	*
Mao Komo Special	445	5	422	4	*	*	*
Kemeshi Zone	2150	78	2007	71	*	*	-
Yaso	464	9	460	9	-	-	-
Sirba Abay	530	33	530	33	-	-	-
Kamashi	138	3	121	2	-	-	-
Agalo Meti	276	6	263	6	*	*	-
Belo Jegonfoy	742	27	633	20	-	-	-

TABLE 6.25.1: CONTD.

TABLE 6.25.1. CONT'D.

Vegetables							
Geographic Level	Type of Fertilizer Applied						
	UREA			DAP & UREA			
	Holder	Hectar	Quintal	Holder	Hectar	Quintal	
Benshangul-Gumuz	1589	54	25	606	29	13	
Metekel Zone	496	18	10	173	8	2	
Dangur	*	*	*	*	*	-	
Guba	-	-	-	-	-	-	
Wenbera	-	-	-	-	-	-	
Mandura	*	*	*	*	*	-	
Dibate	*	*	*	-	-	-	
Pawe	470	17	9	140	7	2	
Bulen	-	-	-	*	*	-	
Asosa Zone	1084	35	15	311	14	11	
Menge	-	-	-	-	-	-	
Kurmak	-	-	-	-	-	-	
Asosa	866	14	10	203	5	*	
Sherkole	*	*	*	-	-	-	
Bambasi	208	21	4	67	7	*	
Oda Godere	-	-	-	*	*	-	
Komesha	-	-	-	*	*	*	
Mao Komo Special	-	-	-	*	*	-	
Kemeshi Zone	*	*	*	121	7	-	
Yaso	*	*	-	-	-	-	
Sirba Abay	-	-	-	-	-	-	
Kamashi	-	-	-	*	*	-	
Agalo Meti	-	-	-	-	-	-	
Belo Jegonfov	*	*	*	104	6	-	

TABLE 6.25.1a: Head Cabbage

Geographic	Total Fertilized	Type of Fertilizer Applied
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Level	Cropland		Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	372	1	334	1	*	*	*
Metekel Zone	*	*	*	*	-	-	-
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	*	*	*	*	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	298	1	261	1	*	*	*
Menge	*	*	*	*	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	208	*	184	*	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	50	*	50	*	-	-	-
Oda Godere	-	-	-	-	-	-	-
Komesha	*	*	*	*	*	*	*
Mao Komo Special	-	-	-	-	-	-	-
Kemeshi Zone	65	*	65	*	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jegonfoy	65	*	65	*	-	-	-

TABLE 6.25.1b: Kale

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	387	5	343	2	*	*	-
Metekel Zone	136	4	92	*	*	*	-
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-
Mandura	*	*	*	*	-	-	-
Dibate	*	*	*	*	-	-	-
Pawe	81	*	*	*	*	*	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	*	*	*	*	-	-	-
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	*	*	*	*	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	*	*	*	*	-	-	-
Oda Godere	*	*	*	*	-	-	-
Komesha	-	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-	-
Kemeshi Zone	54	*	54	*	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jegonfoy	54	*	54	*	-	-	-

TABLE 6.25.1c Tomatoes

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	289	2	268	2	-	-	-
Metekel Zone	*	*	*	*	-	-	-
Dangur	-	-	-	-	-	-	-

Guba	*	*	*	*	-	-	-
Wenbera	*	*	*	*	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-
Pawe	*	*	*	*	-	-	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	235	*	214	1	-	-	-
Menge	*	*	*	*	-	-	-
Kurmak	34	*	34	*	-	-	-
Asosa	*	*	*	*	-	-	-
Sherkole	*	*	*	*	-	-	-
Bambasi	-	-	-	-	-	-	-
Oda Godere	53	*	53	*	-	-	-
Komesha	*	*	*	*	-	-	-
Mao Komo Special	*	*	*	*	-	-	-
Kemeshi Zone	21	*	21	*	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	*	*	*	*	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	*	*	*	*	-	-	-
Belo Jegonfoy	*	*	*	*	-	-	-

TABLE 6.25.1d: Green Peppers

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	1100	13	1003	11	*	*	*
Metekel Zone	431	6	356	4	*	*	*
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	*	*	*	*	-	-	-
Mandura	*	*	*	*	-	-	-
Dibate	175	3	164	2	*	*	*
Pawe	171	*	113	*	*	*	*
Bulen	*	*	*	*	-	-	-
Asosa Zone	*	*	*	*	-	-	-
Menge	*	*	*	*	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	*	*	*	*	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	*	*	*	*	-	-	-
Oda Godere	*	*	*	*	-	-	-
Komesha	*	*	*	*	-	-	-
Mao Komo Special	*	*	*	*	-	-	-
Kemeshi Zone	229	5	229	5	-	-	-
Yaso	40	1	40	1	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	24	*	24	*	-	-	-
Belo Jegonfoy	165	4	165	4	-	-	-

TABLE 6.25.1e: Red peppers

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	11081	327	9133	241	310	17	5
Metekel Zone	2831	114	2235	89	67	3	*
Dangur	*	*	*	*	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	84	*	84	*	-	-	-
Mandura	136	2	128	2	-	-	-
Dibate	1573	69	1530	68	*	*	*
Pawe	656	24	136	2	*	*	*

Bulen	277	14	273	14	-	-	-
Asosa Zone	7235	188	5904	127	229	*	4
Menge	48	*	48	*	-	-	-
Kurmak	*	*	*	*	-	-	-
Asosa	4386	53	3371	30	133	*	*
Sherkole	*	*	*	*	-	-	-
Bambasi	2026	128	1710	90	*	*	*
Oda Godere	621	6	621	6	-	-	-
Komesha	*	*	*	*	-	-	-
Mao Komo Special	106	1	106	1	-	-	-
Kemeshi Zone	1016	25	994	25	*	*	-
Yaso	378	7	374	7	-	-	-
Sirba Abay	*	*	*	*	-	-	-
Kamashi	102	1	102	1	-	-	-
Agalo Meti	76	*	63	*	*	*	-
Belo Jegonfoy	396	15	391	15	-	-	-

TABLE 6.25.1e: CONTD.

Geographic Level	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	1532	52	24	317	17	13
Metekel Zone	471	17	9	68	*	*
Dangur	*	*	*	*	*	-
Guba	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-
Mandura	*	*	*	-	-	-
Dibate	*	*	*	-	-	-
Pawe	445	16	8	*	*	*
Bulen	-	-	-	*	*	-
Asosa Zone	1052	35	14	249	12	11
Menge	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-
Asosa	844	14	10	183	5	*
Sherkole	-	-	-	-	-	-
Bambasi	208	21	4	67	7	*
Oda Godere	-	-	-	-	-	-
Komesha	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-
Kemeshi Zone	*	*	*	-	-	-
Yaso	*	*	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-
Belo Jegonfoy	*	*	*	-	-	-

TABLE 6.25.1f: Other Vegetables

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	6154	166	5922	157	*	*	*
Metekel Zone	915	24	871	23	-	-	-
Dangur	*	*	*	*	-	-	-
Guba	11	*	11	*	-	-	-
Wenbera	*	*	*	*	-	-	-
Mandura	92	3	84	3	-	-	-
Dibate	296	*	296	*	-	-	-
Pawe	265	6	228	5	-	-	-
Bulen	*	*	*	*	-	-	-
Asosa Zone	4227	94	4160	93	*	*	*

Menge	561	16	561	16	-	-	-
Kurmak	163	4	163	4	-	-	-
Asosa	1557	23	1538	22	*	*	*
Sherkole	517	11	512	11	-	-	-
Bambasi	225	2	225	2	-	-	-
Oda Godere	880	33	871	33	-	-	-
Komesha	87	2	77	1	-	-	-
Mao Komo Special	237	3	214	3	*	*	*
Kemeshi Zone	1012	48	891	41	-	-	-
Yaso	104	1	104	1	-	-	-
Sirba Abay	461	32	461	32	-	-	-
Kamashi	45	*	28	*	-	-	-
Agalo Meti	187	5	187	5	-	-	-
Belo Jegonfoy	214	8	110	2	-	-	-

TABLE 6.25.1f: CONTD.

Geographic Level	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	*	*	*	188	8	-
Metekel Zone	*	*	*	*	*	-
Dangur	-	-	-	-	-	-
Guba	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-
Mandura	-	-	-	*	*	-
Dibate	-	-	-	-	-	-
Pawe	*	*	*	*	*	-
Bulen	-	-	-	-	-	-
Asosa Zone	*	*	*	*	*	-
Menge	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-
Asosa	-	-	-	-	-	-
Sherkole	*	*	*	-	-	-
Bambasi	-	-	-	-	-	-
Oda Godere	-	-	-	*	*	-
Komesha	-	-	-	*	*	-
Mao Komo Special	-	-	-	*	*	-
Kemeshi Zone	-	-	-	121	7	-
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	*	*	-
Agalo Meti	-	-	-	-	-	-
Belo Jegonfoy	-	-	-	104	6	-

TABLE 6.25.2: RURAL BELG

Vegetables							
Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	1636	17	1636	17	-	-	-
Metekel Zone	140	*	140	*	-	-	-
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	*	*	*	*	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-
Pawe	*	*	*	*	-	-	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	1496	13	1496	13	-	-	-
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	1284	10	1284	10	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	58	1	58	1	-	-	-
Oda Godere	-	-	-	-	-	-	-
Komesha	96	*	96	*	-	-	-
Mao Komo Special	*	*	*	*	-	-	-

Kemeshi Zone	-	-	-	-	-	-
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-
Belo Jefonfoy	-	-	-	-	-	-

TABLE 6.26: URBAN HOLDINGS

Geographic Label	Vegetables							
	Application of Total Fertilizers		Application of Fertilizers by Type and Quality					
			Natural		Chemical		Natural and Chemical	
	Holders	Hectars	Holders	Hectars	Holders	Hectars	Holders	Hectars
Benshangul-Gumuz	39	7	32	4	*	*	-	-
Metekel Zone	*	*	*	*	-	-	-	-
Dangur	-	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-	-
Bulen	*	*	*	*	-	-	-	-
Asosa Zone	34	6	26	4	*	*	-	-
Menge	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-
Asosa	*	*	*	*	-	-	-	-
Bambasi	32	6	25	4	*	*	-	-

TABLE 6.27: NUMBER OF HOLDERS APPLLYING FERTILIZERS, AREA, AND QUANTITY APPLIED BY CROP IN RURAL AREAS, FOR PRIVATE HOLDINGS.

Geographic Level	Root Crops						
	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	14110	413	13760	378	175	9	4
Metekel Zone	4670	227	4496	207	95	*	*
Dangur	1230	54	1222	54	*	*	*
Guba	-	-	-	-	-	-	-
Wenbera	2702	155	2625	144	*	*	*
Mandura	-	-	-	-	-	-	-
Dibate	272	*	263	2	-	-	-
Pawe	439	9	361	7	*	*	-
Bulen	*	*	*	*	-	-	-
Asosa Zone	8061	154	7899	141	66	*	*
Menge	238	5	238	4	-	-	-
Kurmak	323	6	323	6	-	-	-
Asosa	4264	84	4156	73	*	*	*
Sherkole	292	10	292	10	-	-	-
Bambasi	1018	16	1018	16	-	-	-
Oda Godere	1021	23	1004	22	-	-	-
Komesha	440	7	409	5	25	*	*
Mao Komo Special	465	5	459	5	-	-	-
Kemeshi Zone	1378	32	1365	30	14	1	1
Yaso	74	*	74	*	-	-	-
Sirba Abay	129	2	129	2	-	-	-
Kamashi	358	14	345	13	14	1	1
Agalo Meti	263	8	263	8	-	-	-
Belo Jefonfoy	555	7	555	7	-	-	-

TABLE 6.27: CONTD.

Root Crops						
Geographic Level	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	168	*	*	304	18	*
Metekel Zone	56	*	*	93	*	*
Dangur	*	*	-	-	-	-
Guba	-	-	-	-	-	-
Wenbera	*	*	*	*	*	*
Mandura	-	-	-	-	-	-
Dibate	*	*	*	-	-	-
Pawe	*	*	*	46	*	-
Bulen	-	-	-	-	-	-
Asosa Zone	111	*	*	198	*	*
Menge	*	*	*	*	*	-
Kurmak	-	-	-	-	-	-
Asosa	*	*	*	*	*	*
Sherkole	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-
Oda Godere	*	*	*	*	*	*
Komesha	-	-	-	*	*	*
Mao Komo Special	*	*	-	-	-	-
Kemeshi Zone	-	-	-	*	*	*
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-
Agalo Meti	-	-	-	*	*	*
Belo Jegonfoy	-	-	-	-	-	-

TABLE 6.27.1: RURAL MEHER

Root Crops							
Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	12078	241	11643	206	175	9	4
Metekel Zone	3284	64	3087	44	95	*	*
Dangur	854	6	836	6	*	*	*
Guba	-	-	-	-	-	-	-
Wenbera	1692	40	1601	29	*	*	*
Mandura	-	-	-	-	-	-	-
Dibate	272	*	263	2	-	-	-
Pawe	439	9	361	7	*	*	-
Bulen	*	*	*	*	-	-	-
Asosa Zone	7416	145	7191	132	66	*	*
Menge	238	5	238	4	-	-	-
Kurmak	323	6	323	6	-	-	-
Asosa	3729	78	3580	67	*	*	*
Sherkole	292	10	292	10	-	-	-
Bambasi	993	16	993	16	-	-	-
Oda Godere	1021	23	1004	22	-	-	-
Komesha	354	4	302	3	25	*	*
Mao Komo Special	465	5	459	5	-	-	-
Kemeshi Zone	1378	32	1365	30	14	1	1
Yaso	74	*	74	*	-	-	-
Sirba Abay	129	2	129	2	-	-	-
Kamashi	358	14	345	13	14	1	1
Agalo Meti	263	8	263	8	-	-	-
Belo Jegonfoy	555	7	555	7	-	-	-

TABLE 6.27.1: CONTD.

Root Crops						
Geographic Level	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal

Benshangul-Gumuz	168	*	*	304	18	*
Metekel Zone	56	*	*	93	*	*
Dangur	*	*	-	-	-	-
Guba	-	-	-	-	-	-
Wenbera	*	*	*	*	*	*
Mandura	-	-	-	-	-	-
Dibate	*	*	*	-	-	-
Pawe	*	*	*	46	*	-
Bulen	-	-	-	-	-	-
Asosa Zone	111	*	*	198	*	*
Menge	*	*	*	*	*	-
Kurmak	-	-	-	-	-	-
Asosa	*	*	*	*	*	*
Sherkole	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-
Oda Godere	*	*	*	*	*	*
Komesha	-	-	-	*	*	*
Mao Komo Special	*	*	-	-	-	-
Kemeshi Zone	-	-	-	*	*	*
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-
Agalo Meti	-	-	-	*	*	*
Belo Jegonfoy	-	-	-	-	-	-

TABLE 6.27.1a: Beet root

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	224	*	224	*	-	-	-
Metekel Zone	-	-	-	-	-	-	-
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	178	*	178	*	-	-	-
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	*	*	*	*	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	59	*	59	*	-	-	-
Oda Godere	*	*	*	*	-	-	-
Komesha	*	*	*	*	-	-	-
Mao Komo Special	-	-	-	-	-	-	-
Kemeshi Zone	46	*	46	*	-	-	-
Yaso	*	*	*	*	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jegonfoy	*	*	*	*	-	-	-

TABLE 6.27.1b: Carrot

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	261	1	261	1	-	-	-
Metekel Zone	-	-	-	-	-	-	-
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-

Bulen	-	-	-	-	-	-
Asosa Zone	216	*	216	*	-	-
Menge	*	*	*	*	-	-
Kurmak	-	-	-	-	-	-
Asosa	137	*	137	*	-	-
Sherkole	-	-	-	-	-	-
Bambasi	*	*	*	*	-	-
Oda Godere	*	*	*	*	-	-
Komesha	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-
Kemeshi Zone	44	*	44	*	-	-
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-
Belo Jegonfoy	44	*	44	*	-	-

TABLE 6.27.1c: Onions

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	1122	9	991	5	39	*	*
Metekel Zone	421	2	407	2	*	*	*
Dangur	*	*	*	*	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	269	1	255	1	*	*	*
Mandura	-	-	-	-	-	-	-
Dibate	*	*	*	*	-	-	-
Pawe	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	536	7	420	3	25	*	*
Menge	*	*	*	*	-	-	-
Kurmak	*	*	*	*	-	-	-
Asosa	*	*	*	*	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	*	*	*	*	-	-	-
Oda Godere	147	1	138	1	-	-	-
Komesha	112	1	65	*	25	*	*
Mao Komo Special	132	1	132	1	-	-	-
Kemeshi Zone	164	1	164	1	-	-	-
Yaso	*	*	*	*	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	*	*	*	*	-	-	-
Belo Jegonfoy	119	*	119	*	-	-	-

TABLE 6.27.1d :Potatoes

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	1573	46	1454	34	*	*	*
Metekel Zone	888	35	796	24	*	*	*
Dangur	*	*	*	*	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	720	32	628	20	*	*	*
Mandura	-	-	-	-	-	-	-
Dibate	90	*	90	*	-	-	-
Pawe	*	*	*	*	-	-	-
Bulen	*	*	*	*	-	-	-
Asosa Zone	502	6	487	6	-	-	-
Menge	*	*	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-

Asosa	*	*	*	*	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	160	2	160	2	-	-	-
Oda Godere	171	2	171	2	-	-	-
Komesha	-	-	-	-	-	-	-
Mao Komo Special	92	*	86	*	-	-	-
Kemeshi Zone	183	5	170	4	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	*	*	*	*	-	-	-
Kamashi	70	3	70	3	-	-	-
Agalo Meti	50	*	*	*	-	-	-
Belo Jegonfoy	43	*	43	*	-	-	-

TABLE 6.27.1e Garlic

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	2333	12	2212	12	58	*	*
Metekel Zone	1914	11	1858	11	*	*	*
Dangur	759	3	741	3	*	*	*
Guba	-	-	-	-	-	-	-
Wenbera	1103	7	1064	7	*	*	*
Mandura	-	-	-	-	-	-	-
Dibate	*	*	*	*	-	-	-
Pawe	-	-	-	-	-	-	-
Bulen	*	*	*	*	-	-	-
Asosa Zone	363	1	298	1	*	*	*
Menge	*	*	*	*	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	237	*	178	*	*	*	*
Sherkole	-	-	-	-	-	-	-
Bambasi	47	*	47	*	-	-	-
Oda Godere	*	*	*	*	-	-	-
Komesha	*	*	*	*	*	*	*
Mao Komo Special	*	*	*	*	-	-	-
Kemeshi Zone	56	*	56	*	-	-	-
Yaso	15	*	15	*	-	-	-
Sirba Abay	*	*	*	*	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	*	*	*	*	-	-	-
Belo Jegonfoy	*	*	*	*	-	-	-

TABLE 6.27.1f: Taro ('Godere')

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	395	5	364	4	-	-	-
Metekel Zone	195	3	163	3	-	-	-
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	*	*	*	*	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-
Pawe	183	3	151	3	-	-	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	181	1	181	1	-	-	-
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	*	*	*	*	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	*	*	*	*	-	-	-
Oda Godere	44	*	44	*	-	-	-

Komesha	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-
Kemeshi Zone	*	*	*	*	-	-
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-
Agalo Meti	*	*	*	*	-	-
Belo Jegonfoy	*	*	*	*	-	-

TABLE 6.27.1g: Sweet potatoes

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	5682	90	5577	84	*	2	*
Metekel Zone	447	7	401	5	*	*	-
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	155	1	155	1	-	-	-
Pawe	292	6	246	4	*	*	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	4203	57	4158	55	*	*	*
Menge	*	*	*	*	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	2571	38	2531	36	*	*	*
Sherkole	*	*	*	*	-	-	-
Bambasi	632	10	632	10	-	-	-
Oda Godere	509	4	509	4	-	-	-
Komesha	187	2	182	2	-	-	-
Mao Komo Special	205	2	205	2	-	-	-
Kemeshi Zone	1032	26	1019	25	14	1	1
Yaso	*	*	*	*	-	-	-
Sirba Abay	98	1	98	1	-	-	-
Kamashi	329	11	316	10	14	1	1
Agalo Meti	230	7	230	7	-	-	-
Belo Jegonfoy	354	6	354	6	-	-	-

TABLE 6.27.1h: Other Root Crops

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	2805	79	2700	66	-	-	-
Metekel Zone	*	*	-	-	-	-	-
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	*	*	-	-	-	-	-
Pawe	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	2767	73	2672	66	-	-	-
Menge	127	4	127	4	-	-	-
Kurmak	313	5	313	5	-	-	-
Asosa	*	*	*	*	-	-	-
Sherkole	266	9	266	9	-	-	-
Bambasi	150	*	150	*	-	-	-
Oda Godere	389	15	380	14	-	-	-
Komesha	63	*	63	*	-	-	-
Mao Komo Special	*	*	*	*	-	-	-
Kemeshi Zone	28	*	28	*	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	*	*	*	*	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-

Belo Jigonfoy	17	*	17	*	-	-	-
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TABLE 6.27.2: RURAL BELG

Geographic Level	Root Crops						
	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	3294	172	3294	172	-	-	-
Metekel Zone	2351	163	2351	163	-	-	-
Dangur	781	48	781	48	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	1570	115	1570	115	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	943	9	943	9	-	-	-
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	787	6	787	6	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	*	*	*	*	-	-	-
Oda Godere	-	-	-	-	-	-	-
Komesha	131	2	131	2	-	-	-
Mao Komo Special	-	-	-	-	-	-	-
Kemeshi Zone	-	-	-	-	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jigonfoy	-	-	-	-	-	-	-

TABLE 6.28: URBAN HOLDINGS

Geographic Label	Root crops							
	Application of Total Fertilizers		Application of Fertilizers by Type and Quality					
			Natural		Chemical		Natural and Chemical	
	Holders	Hectars	Holders	Hectars	Holders	Hectars	Holders	Hectars
Benshangul-Gumuz	75	16	28	*	28	7	24	6
Metekel Zone	74	16	28	*	27	7	24	6
Dangur	-	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-
Wenbera	74	16	28	*	27	7	24	6
Mandura	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-	-
Asosa Zone	*	*	-	-	*	*	-	-
Menge	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-
Asosa	*	*	-	-	*	*	-	-
Bambasi	-	-	-	-	-	-	-	-

TABLE 6.29: NUMBER OF HOLDERS APPLLYING FERTILIZERS, AREA, AND QUANTITY APPLIED BY CROP IN RURAL AREAS, FOR MEHER SEASON.

Permanent Crops		
Geographic	Total Fertilized	Type of Fertilizer Applied

Level	Cropland		Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	23126	632	22471	597	191	3	*
Metekel Zone	6019	213	5862	209	116	*	*
Dangur	1072	8	1062	8	*	*	-
Guba	*	*	*	*	-	-	-
Wenbera	2148	138	2082	135	*	*	*
Mandura	*	*	*	*	-	-	-
Dibate	1427	42	1427	42	-	-	-
Pawe	1138	17	1060	16	*	*	*
Bulen	182	*	177	*	-	-	-
Asosa Zone	15699	379	15457	367	58	1	*
Menge	860	15	851	15	-	-	-
Kurmak	191	3	183	3	*	*	-
Asosa	9353	214	9219	207	*	*	*
Sherkole	310	6	310	6	-	-	-
Bambasi	3040	71	3008	70	*	*	*
Oda Godere	696	12	679	11	-	-	-
Komesha	390	13	354	10	*	*	*
Mao Komo Special	859	45	853	45	-	-	-
Kemeshi Zone	1408	39	1152	20	18	*	-
Yaso	79	*	61	*	18	*	-
Sirba Abay	193	*	193	*	-	-	-
Kamashi	98	2	83	1	-	-	-
Agalo Meti	304	3	291	3	-	-	-
Belo Jegonfoy	734	31	525	13	-	-	-

TABLE 6.29 CONTD:

Permanent Crops						
Geographic Level	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	360	5	7	539	28	*
Metekel Zone	75	*	*	*	*	*
Dangur	-	-	-	-	-	-
Guba	-	-	-	-	-	-
Wenbera	*	*	*	*	*	*
Mandura	-	-	-	-	-	-
Dibate	*	*	-	-	-	-
Pawe	*	*	*	*	*	-
Bulen	*	*	-	-	-	-
Asosa Zone	251	*	*	242	8	*
Menge	-	-	-	*	*	-
Kurmak	-	-	-	-	-	-
Asosa	240	*	*	150	4	*
Sherkole	-	-	-	-	-	-
Bambasi	-	-	-	*	*	-
Oda Godere	*	*	-	*	*	-
Komesha	*	*	-	*	3	-
Mao Komo Special	-	-	-	*	*	-
Kemeshi Zone	34	1	*	216	17	-
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	*	*	*	*	*	-
Agalo Meti	*	*	-	-	-	-
Belo Jegonfoy	*	*	-	209	17	-

TABLE 6.30: URBAN HOLDINGS

Permanent Crops								
Geographic Label	Application of Total Fertilizers		Application of Fertilizers by Type and Quality					
			Natural		Chemical		Natural and Chemical	
	Holders	Hectars	Holders	Hectars	Holders	Hectars	Holders	Hectars
Benshangul-Gumuz	161	28	152	22	20	*	-	-
Metekel Zone	140	24	135	20	14	*	-	-
Dangur	-	-	-	-	-	-	-	-

Guba	15	*	15	*	-	-	-	-
Wenbera	48	15	43	15	*	*	-	-
Mandura	6	*	6	*	6	*	-	-
Dibate	11	*	11	*	-	-	-	-
Pawe	8	*	8	*	-	-	-	-
Bulen	53	*	53	2	*	*	-	-
Asosa Zone	*	*	*	*	*	*	-	-
Menge	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-
Asosa	*	*	*	*	*	*	-	-
Bambasi	*	*	*	*	-	-	-	-

TABLE 6.31: NUMBER OF HOLDERS APPLLYING FERTILIZERS, AREA, AND QUANTITY APPLIED BY CROP IN RURAL AREAS, FOR MEHER SEASON

Fruit Crops							
Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	18335	295	17764	266	69	1	*
Metekel Zone	3427	60	3313	58	*	*	*
Dangur	135	*	135	*	-	-	-
Guba	*	*	*	*	-	-	-
Wenbera	765	17	722	16	-	-	-
Mandura	*	*	*	*	-	-	-
Dibate	1240	20	1240	20	-	-	-
Pawe	1077	14	1010	14	*	*	*
Bulen	176	*	171	*	-	-	-
Asosa Zone	13627	200	13399	190	47	1	*
Menge	843	14	834	14	-	-	-
Kurmak	184	2	175	2	*	*	-
Asosa	7960	110	7831	105	*	*	*
Sherkole	305	6	305	6	-	-	-
Bambasi	2656	39	2635	39	*	*	-
Oda Godere	679	11	662	10	-	-	-
Komesha	373	12	337	8	*	*	*
Mao Komo Special	627	6	620	6	-	-	-
Kemeshi Zone	1281	36	1052	18	-	-	-
Yaso	31	*	31	*	-	-	-
Sirba Abay	189	*	189	*	-	-	-
Kamashi	48	*	41	*	-	-	-
Agalo Meti	280	2	267	2	-	-	-
Belo Jegonfoy	734	31	525	13	-	-	-

TABLE 6.31: CONTD.

Fruit Crops							
Geographic Level	Type of Fertilizer Applied						
	UREA				DAP & UREA		
	Holder	Hectar	Quintal		Holder	Hectar	Quintal
Benshangul-Gumuz	267	3	6		483	26	*
Metekel Zone	55	*	*		*	*	*
Dangur	-	-	-		-	-	-
Guba	-	-	-		-	-	-
Wenbera	*	*	*		*	*	*
Mandura	-	-	-		-	-	-
Dibate	*	*	-		-	-	-
Pawe	*	*	*		*	*	-
Bulen	*	*	-		-	-	-
Asosa Zone	*	*	*		200	7	-
Menge	-	-	-		*	*	-
Kurmak	-	-	-		-	-	-

Asosa	*	*	*	108	*
Sherkole	-	-	-	-	-
Bambasi	-	-	-	*	*
Oda Godere	*	*	-	*	*
Komesha	*	*	-	*	3
Mao Komo Special	-	-	-	*	*
Kemeshi Zone	*	*	-	216	17
Yaso	-	-	-	-	-
Sirba Abay	-	-	-	-	-
Kamashi	-	-	-	*	*
Agalo Meti	*	*	-	-	-
Belo Jegonfoy	*	*	-	209	17

TABLE 6.31a: Avocado

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	328	*	328	*	-	-	-
Metekel Zone	*	*	*	*	-	-	-
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-
Pawe	*	*	*	*	-	-	-
Bulen	*	*	*	*	-	-	-
Asosa Zone	253	*	253	*	-	-	-
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	*	*	*	*	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	76	*	76	*	-	-	-
Oda Godere	-	-	-	-	-	-	-
Komesha	-	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-	-
Kemeshi Zone	52	*	52	*	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jegonfoy	52	*	52	*	-	-	-

TABLE 6.31b: Bananas

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	6916	92	6737	85	*	*	-
Metekel Zone	1703	31	1671	31	-	-	-
Dangur	*	*	*	*	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	610	14	581	13	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	831	12	831	12	-	-	-
Pawe	152	2	152	2	-	-	-
Bulen	97	*	93	*	-	-	-
Asosa Zone	4584	53	4555	50	*	*	-
Menge	*	*	*	*	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	2802	30	2802	30	-	-	-
Sherkole	*	*	*	*	-	-	-
Bambasi	1046	13	1035	13	-	-	-
Oda Godere	165	*	156	*	-	-	-
Komesha	45	2	42	*	*	*	-
Mao Komo Special	456	4	450	3	-	-	-

Kemeshi Zone	628	8	511	4	-	-	-
Yaso	*	*	*	*	-	-	-
Sirba Abay	92	*	92	*	-	-	-
Kamashi	41	*	41	*	-	-	-
Agalo Meti	221	1	208	1	-	-	-
Belo Jegonfoy	268	7	164	2	-	-	-

TABLE 6.31b: CONTD.

Geographic Level	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	*	*	*	176	7	*
Metekel Zone	*	*	-	*	*	*
Dangur	-	-	-	-	-	-
Guba	-	-	-	-	-	-
Wenbera	-	-	-	*	*	*
Mandura	-	-	-	-	-	-
Dibate	-	-	-	-	-	-
Pawe	-	-	-	-	-	-
Bulen	*	*	-	-	-	-
Asosa Zone	*	*	*	*	2	-
Menge	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-
Asosa	*	*	*	-	-	-
Sherkole	-	-	-	-	-	-
Bambasi	-	-	-	*	*	-
Oda Godere	-	-	-	*	*	-
Komesha	-	-	-	*	*	-
Mao Komo Special	-	-	-	*	*	-
Kemeshi Zone	*	*	-	104	5	-
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-
Agalo Meti	*	*	-	-	-	-
Belo Jegonfoy	-	-	-	104	5	-

TABLE 6.31c: Guava (Zeyetuna)

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	1080	5	1080	5	-	-	-
Metekel Zone	147	*	147	*	-	-	-
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	*	*	*	*	-	-	-
Pawe	132	*	132	*	-	-	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	933	4	933	4	-	-	-
Menge	79	*	79	*	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	399	*	399	*	-	-	-
Sherkole	*	*	*	*	-	-	-
Bambasi	443	2	443	2	-	-	-
Oda Godere	-	-	-	-	-	-	-
Komesha	*	*	*	*	-	-	-
Mao Komo Special	-	-	-	-	-	-	-
Kemeshi Zone	-	-	-	-	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jegonfoy	-	-	-	-	-	-	-

TABLE 6.31d: Lemons

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	1006	8	970	8	-	-	-
Metekel Zone	282	*	256	*	-	-	-
Dangur	*	*	*	*	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	*	*	-	-	-	-	-
Mandura	*	*	*	*	-	-	-
Dibate	129	*	129	*	-	-	-
Pawe	78	*	66	*	-	-	-
Bulen	*	*	*	*	-	-	-
Asosa Zone	663	5	652	4	-	-	-
Menge	119	1	119	1	-	-	-
Kurmak	*	*	*	*	-	-	-
Asosa	243	1	243	1	-	-	-
Sherkole	66	*	66	*	-	-	-
Bambasi	96	*	96	*	-	-	-
Oda Godere	*	*	*	*	-	-	-
Komesha	79	1	69	*	-	-	-
Mao Komo Special	*	*	*	*	-	-	-
Kemeshi Zone	62	*	62	*	-	-	-
Yaso	*	*	*	*	-	-	-
Sirba Abay	*	*	*	*	-	-	-
Kamashi	*	*	*	*	-	-	-
Agalo Meti	*	*	*	*	-	-	-
Belo Jigonfoy	*	*	*	*	-	-	-

TABLE 6.31e: Mangoes

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	9227	124	8765	105	41	1	*
Metekel Zone	896	11	838	10	*	*	*
Dangur	*	*	*	*	-	-	-
Guba	*	*	*	*	-	-	-
Wenbera	186	*	172	*	-	-	-
Mandura	*	*	*	*	-	-	-
Dibate	341	*	341	*	-	-	-
Pawe	272	4	229	4	*	*	*
Bulen	*	*	*	*	-	-	-
Asosa Zone	7683	88	7495	82	*	1	*
Menge	509	8	509	8	-	-	-
Kurmak	108	1	108	1	-	-	-
Asosa	4587	50	4455	47	-	-	-
Sherkole	228	3	228	3	-	-	-
Bambasi	1463	13	1452	13	*	*	-
Oda Godere	395	*	386	*	-	-	-
Komesha	312	7	276	4	*	*	*
Mao Komo Special	82	*	82	*	-	-	-
Kemeshi Zone	648	26	432	12	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	*	*	*	*	-	-	-
Kamashi	*	*	*	*	-	-	-
Agalo Meti	24	*	24	*	-	-	-
Belo Jigonfoy	542	24	333	11	-	-	-

TABLE 6.31e: CONTD.

Geographic	Type of Fertilizer Applied
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Level	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	164	1	3	352	17	-
Metekel Zone	*	*	*	*	*	-
Dangur	-	-	-	-	-	-
Guba	-	-	-	-	-	-
Wenbera	-	-	-	*	*	-
Mandura	-	-	-	-	-	-
Dibate	*	*	-	-	-	-
Pawe	*	*	*	-	-	-
Bulen	-	-	-	-	-	-
Asosa Zone	*	*	*	122	4	-
Menge	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-
Asosa	*	*	*	*	*	-
Sherkole	-	-	-	-	-	-
Bambasi	-	-	-	*	*	-
Oda Godere	-	-	-	*	*	-
Komesha	*	*	-	*	2	-
Mao Komo Special	-	-	-	-	-	-
Kemeshi Zone	*	*	-	216	13	-
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	*	*	-
Agalo Meti	-	-	-	-	-	-
Belo Jefonfoy	*	*	-	209	13	-

TABLE 6.31f : Oranges

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	1417	9	1384	8	-	-	-
Metekel Zone	164	1	164	1	-	-	-
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	*	*	*	*	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	*	*	*	*	-	-	-
Pawe	*	*	*	*	-	-	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	1175	7	1143	7	-	-	-
Menge	120	1	120	1	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	508	3	485	3	-	-	-
Sherkole	*	*	*	*	-	-	-
Bambasi	239	1	239	1	-	-	-
Oda Godere	*	*	*	*	-	-	-
Komesha	62	*	51	*	-	-	-
Mao Komo Special	206	2	206	2	-	-	-
Kemeshi Zone	77	*	77	*	-	-	-
Yaso	*	*	*	*	-	-	-
Sirba Abay	*	*	*	*	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	24	*	24	*	-	-	-
Belo Jefonfoy	*	*	*	*	-	-	-

TABLE 6.31g: Papayas

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	7641	52	7537	51	*	*	*
Metekel Zone	1418	10	1384	9	*	*	*
Dangur	*	*	*	*	-	-	-

Guba	-	-	-	-	-	-	-
Wenbera	*	*	*	*	-	-	-
Mandura	*	*	*	*	-	-	-
Dibate	499	3	499	3	-	-	-
Pawe	740	6	707	6	*	*	*
Bulen	79	*	79	*	-	-	-
Asosa Zone	6127	42	6056	41	*	*	*
Menge	211	3	202	3	-	-	-
Kurmak	67	*	67	*	-	-	-
Asosa	4267	23	4205	22	*	*	*
Sherkole	91	1	91	1	-	-	-
Bambasi	1210	9	1210	9	-	-	-
Oda Godere	173	*	173	*	-	-	-
Komesha	55	*	55	*	-	-	-
Mao Komo Special	*	*	*	*	-	-	-
Kemeshi Zone	96	*	96	*	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	37	*	37	*	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	29	*	29	*	-	-	-
Belo Jigonfo	30	*	30	*	-	-	-

TABLE 6.31g: CONTD.

Geographic Level	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	*	*	*	84	*	-
Metekel Zone	*	*	-	*	*	-
Dangur	-	-	-	-	-	-
Guba	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-
Mandura	-	-	-	-	-	-
Dibate	-	-	-	-	-	-
Pawe	*	*	-	*	*	-
Bulen	-	-	-	-	-	-
Asosa Zone	*	*	*	*	*	-
Menge	-	-	-	*	*	-
Kurmak	-	-	-	-	-	-
Asosa	*	*	*	*	*	-
Sherkole	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-
Komesha	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-
Kemeshi Zone	-	-	-	-	-	-
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-
Belo Jigonfo	-	-	-	-	-	-

TABLE 6.31h: Other Fruit Crops

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	264	2	233	2	*	*	-
Metekel Zone	*	*	*	*	-	-	-
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	*	*	*	*	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	*	*	*	*	-	-	-
Pawe	-	-	-	-	-	-	-

Bulen	-	-	-	-	-	-
Asosa Zone	220	1	203	*	*	*
Menge	-	-	-	-	-	-
Kurmak	18	*	*	*	*	*
Asosa	*	*	*	*	-	-
Sherkole	-	-	-	-	-	-
Bambasi	*	*	*	*	-	-
Oda Godere	*	*	*	*	-	-
Komesha	*	*	*	*	-	-
Mao Komo Special	-	-	-	-	-	-
Kemeshi Zone	*	*	*	*	-	-
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-
Belo Jegonfoy	*	*	*	*	-	-

TABLE 6.32: URBAN HOLDINGS

Geographic Label	Fruit crops							
	Application of Total Fertilizers		Application of Fertilizers by Type and Quality					
			Natural		Chemical		Natural and Chemical	
	Holders	Hectars	Holders	Hectars	Holders	Hectars	Holders	Hectars
Benshangul-Gumuz	102	9	102	5	8	*	-	-
Metekel Zone	88	8	88	5	8	*	-	-
Dangur	-	-	-	-	-	-	-	-
Guba	15	*	15	*	-	-	-	-
Wenbera	-	-	-	-	-	-	-	-
Mandura	6	*	6	*	6	*	-	-
Dibate	9	*	9	*	-	-	-	-
Pawe	*	*	*	*	-	-	-	-
Bulen	53	*	53	2	*	*	-	-
Asosa Zone	*	*	*	*	-	-	-	-
Menge	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-
Asosa	*	*	*	*	-	-	-	-
Bambasi	*	*	*	*	-	-	-	-

TABLE 6.33: NUMBER OF HOLDERS APPLLYING FERTILIZERS, AREA, AND QUANTITY APPLIED BY CROP IN RURAL ASREAS, FOR MEHER SEASON

Geographic Level	Stimulant Crops						
	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	13102	307	12995	302	*	*	*
Metekel Zone	3714	149	3662	147	*	*	*
Dangur	989	7	979	7	*	*	-
Guba	-	-	-	-	-	-	-
Wenbera	1911	121	1868	119	*	*	*
Mandura	*	*	*	*	-	-	-
Dibate	702	20	702	20	-	-	-
Pawe	71	*	71	*	-	-	-
Bulen	*	*	*	*	-	-	-
Asosa Zone	9301	156	9245	154	*	*	*
Menge	*	*	*	*	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	6886	86	6841	83	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	1845	30	1835	30	*	*	*
Oda Godere	*	*	*	*	-	-	-
Komesha	49	1	49	1	-	-	-

Mao Komo Special	456	39	456	39	-	-	-
Kemeshi Zone	87	1	87	1	-	-	-
Yaso	42	*	42	*	-	-	-
Sirba Abay	*	*	*	*	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	37	*	37	*	-	-	-
Belo Jefonfoy	-	-	-	-	-	-	-

TABLE 6.33: CONTD.

Geographic Level	Stimulant Crops					
	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	*	*	*	127	*	*
Metekel Zone	-	-	-	*	*	-
Dangur	-	-	-	-	-	-
Guba	-	-	-	-	-	-
Wenbera	-	-	-	*	*	-
Mandura	-	-	-	-	-	-
Dibate	-	-	-	-	-	-
Pawe	-	-	-	-	-	-
Bulen	-	-	-	-	-	-
Asosa Zone	*	*	*	*	*	*
Menge	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-
Asosa	*	*	*	*	*	*
Sherkole	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-
Komesha	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-
Kemeshi Zone	-	-	-	-	-	-
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-
Belo Jefonfoy	-	-	-	-	-	-

TABLE 6.33a: Chat

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	4030	37	3977	36	*	*	*
Metekel Zone	114	*	114	*	-	-	-
Dangur	*	*	*	*	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	*	*	*	*	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	*	*	*	*	-	-	-
Pawe	*	*	*	*	-	-	-
Bulen	*	*	*	*	-	-	-
Asosa Zone	3916	36	3863	36	*	*	*
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	3033	16	2990	16	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	613	6	602	6	*	*	*
Oda Godere	-	-	-	-	-	-	-
Komesha	*	*	*	*	-	-	-
Mao Komo Special	267	14	267	14	-	-	-
Kemeshi Zone	-	-	-	-	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-

Belo Jefonfoy	-	-	-	-	-	-
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TABLE 6.33b: Coffee

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	9855	239	9735	235	*	*	*
Metekel Zone	1732	129	1690	127	*	*	*
Dangur	*	*	*	*	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	1046	112	1003	110	*	*	*
Mandura	*	*	*	*	-	-	-
Dibate	595	16	595	16	-	-	-
Pawe	*	*	*	*	-	-	-
Bulen	*	*	*	*	-	-	-
Asosa Zone	8092	109	8013	107	*	*	*
Menge	*	*	*	*	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	5988	59	5920	57	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	1643	23	1633	22	*	*	*
Oda Godere	*	*	*	*	-	-	-
Komesha	49	1	49	1	-	-	-
Mao Komo Special	347	25	347	25	-	-	-
Kemeshi Zone	*	*	*	*	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	*	*	*	*	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	*	*	*	*	-	-	-
Belo Jefonfoy	-	-	-	-	-	-	-

TABLE 6.33b:CONTD.

Geographic Level	Type of Fertilizer Applied					
	UREA			DAP & UREA		
	Holder	Hectar	Quintal	Holder	Hectar	Quintal
Benshangul-Gumuz	*	*	*	107	*	*
Metekel Zone	-	-	-	*	*	-
Dangur	-	-	-	-	-	-
Guba	-	-	-	-	-	-
Wenbera	-	-	-	*	*	-
Mandura	-	-	-	-	-	-
Dibate	-	-	-	-	-	-
Pawe	-	-	-	-	-	-
Bulen	-	-	-	-	-	-
Asosa Zone	*	*	*	*	*	*
Menge	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-
Asosa	*	*	*	*	*	*
Sherkole	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-
Komesha	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-
Kemeshi Zone	-	-	-	-	-	-
Yaso	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-
Belo Jefonfoy	-	-	-	-	-	-

TABLE 6.33c: Hops

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	4904	31	4881	31	*	*	*
Metekel Zone	2362	20	2338	20	*	*	*
Dangur	942	7	932	7	*	*	-
Guba	-	-	-	-	-	-	-
Wenbera	1124	9	1110	9	*	*	*
Mandura	-	-	-	-	-	-	-
Dibate	285	*	285	*	-	-	-
Pawe	*	*	*	*	-	-	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	2488	11	2488	11	-	-	-
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	2265	10	2265	10	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	216	1	216	1	-	-	-
Oda Godere	-	-	-	-	-	-	-
Komesha	-	-	-	-	-	-	-
Mao Komo Special	*	*	*	*	-	-	-
Kemeshi Zone	55	*	55	*	-	-	-
Yaso	42	*	42	*	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	*	*	*	*	-	-	-
Belo Jegonfoy	-	-	-	-	-	-	-

TABLE 6.34: URBAN HOLDINGS

Geographic Label	Stimulant crops							
	Application of Total Fertilizers		Application of Fertilizers by Type and Quality					
			Natural		Chemical		Natural and Chemical	
	Holders	Hectars	Holders	Hectars	Holders	Hectars	Holders	Hectars
Benshangul-Gumuz	77	19	66	16	*	*	-	-
Metekel Zone	64	16	59	15	*	*	-	-
Dangur	-	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-
Wenbera	48	15	43	15	*	*	-	-
Mandura	-	-	-	-	-	-	-	-
Dibate	*	*	*	*	-	-	-	-
Pawe	*	*	*	*	-	-	-	-
Bulen	*	*	*	*	*	*	-	-
Asosa Zone	*	*	*	*	*	*	-	-
Menge	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-
Asosa	*	*	*	*	*	*	-	-
Bambasi	*	*	*	*	-	-	-	-

TABLE 6.35: NUMBER OF HOLDERS APPLYING FERTILIZERS, AREA, AND QUANTITY APPLIED BY CROP IN RURAL AREAS, FOR MEHER SEASON

Other Permanent Crops		
Geographic	Total Fertilized	Type of Fertilizer Applied

Level	Cropland		Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	2263	30	2160	29	61	*	*
Metekel Zone	375	*	320	*	*	*	*
Dangur	*	*	*	*	-	-	-
Guba	*	*	*	*	-	-	-
Wenbera	184	*	156	*	*	*	-
Mandura	-	-	-	-	-	-	-
Dibate	*	*	*	*	-	-	-
Pawe	119	*	92	*	*	*	*
Bulen	-	-	-	-	-	-	-
Asosa Zone	1801	23	1779	23	-	-	-
Menge	*	*	*	*	-	-	-
Kurmak	*	*	*	*	-	-	-
Asosa	1552	19	1530	19	-	-	-
Sherkole	*	*	*	*	-	-	-
Bambasi	164	2	164	2	-	-	-
Oda Godere	*	*	*	*	-	-	-
Komesha	9	*	9	*	-	-	-
Mao Komo Special	*	*	*	*	-	-	-
Kemeshi Zone	88	2	61	1	18	*	-
Yaso	33	*	15	*	18	*	-
Sirba Abay	*	*	*	*	-	-	-
Kamashi	51	1	42	1	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jegonfoy	-	-	-	-	-	-	-

TABLE 6.35a: Enset

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	163	2	137	2	18	*	-
Metekel Zone	-	-	-	-	-	-	-
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	91	*	91	*	-	-	-
Menge	-	-	-	-	-	-	-
Kurmak	*	*	*	*	-	-	-
Asosa	-	-	-	-	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	53	*	53	*	-	-	-
Oda Godere	-	-	-	-	-	-	-
Komesha	-	-	-	-	-	-	-
Mao Komo Special	*	*	*	*	-	-	-
Kemeshi Zone	73	2	46	1	18	*	-
Yaso	18	*	-	-	18	*	-
Sirba Abay	*	*	*	*	-	-	-
Kamashi	51	1	42	1	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jegonfoy	-	-	-	-	-	-	-

TABLE 6.35b: Sugar Cane

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	1630	24	1630	24	-	-	-
Metekel Zone	67	*	67	*	-	-	-
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-

Mandura	-	-	-	-	-	-	-
Dibate	*	*	*	*	-	-	-
Pawe	*	*	*	*	-	-	-
Bulen	-	-	-	-	-	-	-
Asosa Zone	1563	20	1563	20	-	-	-
Menge	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	1449	19	1449	18	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	110	1	110	1	-	-	-
Oda Godere	-	-	-	-	-	-	-
Komesha	*	*	*	*	-	-	-
Mao Komo Special	-	-	-	-	-	-	-
Kemeshi Zone	-	-	-	-	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jefonfoy	-	-	-	-	-	-	-

TABLE 6.35c: Other of Other Permanent Crops

Geographic Level	Total Fertilized Cropland		Type of Fertilizer Applied				
			Natural		Dap		
	Holder	Hectar	Holder	Hectar	Holder	Hectar	Quintal
Benshangul-Gumuz	489	3	412	3	*	*	*
Metekel Zone	308	1	253	1	*	*	*
Dangur	*	*	*	*	-	-	-
Guba	*	*	*	*	-	-	-
Wenbera	184	*	156	*	*	*	-
Mandura	-	-	-	-	-	-	-
Dibate	*	*	*	*	-	-	-
Pawe	*	*	*	*	*	*	*
Bulen	-	-	-	-	-	-	-
Asosa Zone	166	*	144	*	-	-	-
Menge	*	*	*	*	-	-	-
Kurmak	-	-	-	-	-	-	-
Asosa	*	*	*	*	-	-	-
Sherkole	*	*	*	*	-	-	-
Bambasi	-	-	-	-	-	-	-
Oda Godere	*	*	*	*	-	-	-
Komesha	*	*	*	*	-	-	-
Mao Komo Special	-	-	-	-	-	-	-
Kemeshi Zone	15	*	15	*	-	-	-
Yaso	15	*	15	*	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jefonfoy	-	-	-	-	-	-	-

TABLE 6.36: HOLDERS APPLYING IMPROVED SEEDS AND QUANTITY BY TYPE OF CROP FOR
RURAL AREAS IN MEHER SEASON, FOR PRIVATE HOLDINGS

Geographic Area	All crop		Grain		Cereals		Teff	
	Holder	Quintal	Holder	Quintal	Holder	Quintal	Holder	Quintal
Benshangul-Gumuz	15101	858	7852	858	7133	705	*	*
Metekel Zone	3454	473	3173	473	2783	324	*	*
Dangur	*	*	*	*	*	*	-	-
Guba	87	*	80	*	80	-	-	-
Wenbera	485	*	407	*	*	*	*	*
Mandura	438	*	421	*	415	*	*	*
Dibate	1129	120	1000	120	955	119	-	-
Pawe	915	229	892	229	586	82	-	-
Bulen	142	11	119	11	109	11	-	-
Asosa Zone	9897	193	2996	193	2741	189	*	*
Menge	234	10	174	10	145	9	-	-
Kurmak	76	*	76	*	51	*	-	-
Asosa	6878	92	1345	92	1345	92	*	*
Sherkole	94	*	91	*	48	*	-	-
Bambasi	1494	13	284	13	224	11	-	-
Oda Godere	239	*	207	*	169	*	-	-
Komesha	302	28	287	28	262	28	-	-
Mao Komo Special	579	35	532	35	497	35	-	-
Kemeshi Zone	1749	192	1683	192	1609	192	3	-
Yaso	69	*	69	*	60	*	3	-
Sirba Abay	125	4	105	4	86	4	-	-
Kamashi	282	21	282	21	272	21	-	-
Agalo Meti	29	1	25	1	19	1	-	-
Belo Jegonfov	1245	165	1203	165	1171	165	-	-
	Barley		Wheat		Maize		Sorghum	
Benshangul-Gumuz	*	*	*	*	6345	631	678	8
Metekel Zone	*	*	*	*	2264	254	359	*
Dangur	-	-	-	-	*	*	*	*
Guba	-	-	-	-	*	-	75	-
Wenbera	-	-	*	*	*	*	*	-
Mandura	-	-	-	-	215	*	222	*
Dibate	-	-	-	-	955	114	-	-
Pawe	*	*	-	-	419	45	*	*
Bulen	-	-	-	-	85	9	*	*
Asosa Zone	-	-	-	-	2575	187	190	*
Menge	-	-	-	-	114	9	*	-
Kurmak	-	-	-	-	51	*	-	-
Asosa	-	-	-	-	1303	91	-	-
Sherkole	-	-	-	-	*	*	48	*
Bambasi	-	-	-	-	214	11	*	-
Oda Godere	-	-	-	-	122	*	64	-
Komesha	-	-	-	-	262	28	*	*
Mao Komo Special	-	-	-	-	489	34	*	*
Kemeshi Zone	-	-	-	-	1506	190	129	2
Yaso	-	-	-	-	35	*	28	*
Sirba Abay	-	-	-	-	74	4	28	*
Kamashi	-	-	-	-	237	21	42	*
Agalo Meti	-	-	-	-	-	-	19	1
Belo Jegonfov	-	-	-	-	1159	165	*	*

TABLE 6.36: CONTD.

Geographic Area	Millet		Rice		Pulse		Horse bean	
	Holder	Quintal	Holder	Quintal	Holder	Quintal	Holder	Quintal
Benshangul-Gumuz	401	*	92	37	859	151	*	*
Metekel Zone	361	*	92	37	581	149	*	*
Dangur	*	*	-	-	*	-	-	-
Guba	-	-	-	-	66	-	-	-
Wenbera	-	-	-	-	*	-	*	-
Mandura	246	*	-	-	177	-	-	-
Dibate	*	*	-	-	*	*	-	-
Pawe	*	-	92	37	272	147	-	-
Bulen	*	*	-	-	*	*	*	*
Asosa Zone	*	*	-	-	214	*	*	-
Menge	-	-	-	-	*	-	-	-
Kurmak	-	-	-	-	-	-	-	-
Asosa	*	-	-	-	-	-	-	-
Sherkole	-	-	-	-	*	-	-	-
Bambasi	-	-	-	-	50	*	-	-
Oda Godere	-	-	-	-	*	-	-	-
Komesha	-	-	-	-	*	*	-	-
Mao Komo Special	*	*	-	-	*	*	*	-
Kemeshi Zone	10	*	-	-	64	*	-	-
Yaso	10	*	-	-	3	-	-	-
Sirba Abav	-	-	-	-	*	-	-	-
Kamashi	-	-	-	-	34	*	-	-
Agalo Meti	-	-	-	-	12	*	-	-
Belo Jegonfoy	-	-	-	-	*	*	-	-
	Field peas		Haricot Beans		Chick peas		Soya beans	
Benshangul-Gumuz	*	-	577	*	*	*	215	145
Metekel Zone	*	-	329	*	*	*	205	145
Dangur	-	-	*	-	-	-	-	-
Guba	-	-	66	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-	-
Mandura	-	-	177	-	-	-	-	-
Dibate	*	-	-	-	-	-	*	*
Pawe	-	-	*	*	*	*	196	143
Bulen	-	-	*	-	-	-	-	-
Asosa Zone	*	-	184	*	-	-	*	-
Menge	-	-	*	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-	-
Sherkole	-	-	*	-	-	-	-	-
Bambasi	*	-	*	*	-	-	*	-
Oda Godere	-	-	*	-	-	-	-	-
Komesha	-	-	*	*	-	-	-	-
Mao Komo Special	-	-	*	*	-	-	-	-
Kemeshi Zone	-	-	64	*	-	-	-	-
Yaso	-	-	3	-	-	-	-	-
Sirba Abay	-	-	*	-	-	-	-	-
Kamashi	-	-	34	*	-	-	-	-
Agalo Meti	-	-	12	*	-	-	-	-
Belo Jegonfoy	-	-	*	*	-	-	-	-

TABLE 6.36: CONTD.

Geographic Area	Oil Seeds		Neug		Ground nuts		Sufflower	
	Holder	Quintal	Holder	Quintal	Holder	Quintal	Holder	Quintal
Benshangul-Gumuz	689	*	68	*	112	*	*	-
Metekel Zone	389	*	60	*	*	*	*	-
Dangur	*	*	*	-	-	-	-	-
Guba	64	*	*	*	-	-	-	-
Wenbera	*	-	*	-	-	-	-	-
Mandura	*	-	-	-	-	-	-	-
Dibate	*	-	-	-	*	-	*	-
Pawe	*	-	*	-	*	-	*	-
Bulen	*	*	-	-	*	*	-	-
Asosa Zone	182	*	-	-	*	*	*	-
Menge	*	*	-	-	*	*	-	-
Kurmak	*	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-	-
Sherkole	*	*	-	-	-	-	-	-
Bambasi	*	-	-	-	-	-	-	-
Oda Godere	*	*	-	-	-	-	*	-
Komesha	28	*	-	-	-	-	-	-
Mao Komo Special	*	*	-	-	-	-	-	-
Kemeshi Zone	118	*	*	-	*	-	-	-
Yaso	15	*	-	-	-	-	-	-
Sirba Abay	24	*	-	-	*	-	-	-
Kamashi	32	*	*	-	*	-	-	-
Agalo Meti	*	*	-	-	-	-	-	-
Belo Jegonfoy	39	-	-	-	-	-	-	-

TABLE 6.36: CONTD.

Geographic Area	Sesame		Rapeseed		Other Grains	
	Holder	Quintal	Holder	Quintal	Holder	Quintal
Benshangul-Gumuz	448	1	*	-	*	-
Metekel Zone	178	*	*	-	*	-
Dangur	*	*	-	-	-	-
Guba	64	-	-	-	-	-
Wenbera	-	-	*	-	*	-
Mandura	*	-	*	-	*	-
Dibate	-	-	-	-	-	-
Pawe	*	-	-	-	-	-
Bulen	*	*	-	-	-	-
Asosa Zone	167	*	-	-	-	-
Menge	*	-	-	-	-	-
Kurmak	*	-	-	-	-	-
Asosa	-	-	-	-	-	-
Sherkole	*	*	-	-	-	-
Bambasi	*	-	-	-	-	-
Oda Godere	*	*	-	-	-	-
Komesha	28	*	-	-	-	-
Mao Komo Special	*	*	-	-	-	-
Kemeshi Zone	103	*	*	-	*	-
Yaso	15	*	-	-	-	-
Sirba Abay	20	*	-	-	-	-
Kamashi	21	*	*	-	*	-
Agalo Meti	*	*	-	-	-	-
Belo Jegonfoy	39	-	-	-	-	-

TABLE 6.36: CONTD.,

Geographic Area	Number of Holders who used Improved Seeds						
	Vegetable	Head	Kale	Green	Red	Swiss	Other

		cabbage		peppers	peppers	chard	Vegetables
Benshangul-Gumuz	118	*	*	*	*	*	*
Metekel Zone	*	-	*	-	*	-	*
Dangur	-	-	-	-	-	-	-
Guba	*	-	-	-	-	-	*
Wenbera	-	-	-	-	-	-	-
Mandura	*	-	-	-	*	-	*
Dibate	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-
Bulen	*	-	*	-	-	-	-
Asosa Zone	*	*	-	-	-	*	*
Menge	*	-	-	-	-	-	*
Kurmak	-	-	-	-	-	-	-
Asosa	*	*	-	-	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-	-
Oda Godere	*	-	-	-	-	*	-
Komesha	*	*	-	-	-	-	-
Mao Komo Special	*	-	-	-	-	-	*
Kemeshi Zone	32	18	-	*	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jegonfo	32	18	-	*	-	-	-

TABLE 6.36: CONTD

Area	Number of Holders who used Improved Seeds						
	Root crops	Beet roots	Carrot	Onion	Potatoes	Garlic	Other root crop
Benshangul-Gumuz	109	*	*	*	*	18	*
Metekel Zone	*	-	-	*	-	-	-
Dangur	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-
Wenbera	*	-	-	*	-	-	-
Mandura	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-
Bulen	*	-	-	*	-	-	-
Asosa Zone	35	*	*	*	*	-	*
Menge	*	-	-	-	-	-	*
Kurmak	-	-	-	-	-	-	-
Asosa	-	-	-	-	-	-	-
Sherkole	-	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-	-
Oda Godere	*	*	*	-	-	-	-
Komesha	*	*	-	*	-	-	-
Mao Komo Special	*	-	-	-	*	-	-
Kemeshi Zone	30	*	*	*	-	18	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-
Belo Jegonfo	30	*	*	*	-	18	-

TABLE 6.36: CONTD.

Geographic Area	Number of Holders who used Improved Seeds						
	Permanent	Fruit	Avocado	Banana	Guavas	Lemons	Mango

		crop			(Zeytuna)		
Benshangul-Gumuz	7711	842	259	217	*	*	205
Metekel Zone	357	127	-	75	-	*	*
Dangur	*	*	-	*	-	-	*
Guba	*	*	-	-	-	-	-
Wenbera	*	*	-	-	-	-	*
Mandura	*	*	-	-	-	-	-
Dibate	213	*	-	*	-	-	*
Pawe	*	*	-	*	-	-	-
Bulen	*	*	-	-	-	*	-
Asosa Zone	7301	688	259	122	*	*	170
Menge	*	*	-	-	-	*	*
Kurmak	-	-	-	-	-	-	-
Asosa	5897	458	*	*	*	-	*
Sherkole	*	*	-	-	-	-	-
Bambasi	1243	174	81	*	*	-	*
Oda Godere	*	*	-	-	-	-	-
Komesha	*	-	-	-	-	-	-
Mao Komo Special	*	*	-	*	-	-	-
Kemeshi Zone	54	*	-	*	-	-	-
Yaso	-	-	-	-	-	-	-
Sirba Abay	*	*	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-
Agalo Meti	*	*	-	*	-	-	-
Belo Jefonfoy	*	*	-	*	-	-	-

TABLE 6.36: CONTD

Geographic Area	Number of Holders who used Improved Seeds							
	Orange	Papaya	Other fruits	Stimulant	Coffee	Other permanent	Sugar cane	Enset
Benshangul-Gumuz	*	74	*	7233	7233	*	*	*
Metekel Zone	*	*	-	247	247	-	-	-
Dangur	-	-	-	-	-	-	-	-
Guba	-	*	-	-	-	-	-	-
Wenbera	-	-	-	*	*	-	-	-
Mandura	*	-	-	*	*	-	-	-
Dibate	-	*	-	185	185	-	-	-
Pawe	-	-	-	-	-	-	-	-
Bulen	-	-	-	*	*	-	-	-
Asosa Zone	-	*	*	6972	6972	*	*	-
Menge	-	-	-	*	*	-	-	-
Kurmak	-	-	-	-	-	-	-	-
Asosa	-	*	*	5725	5725	-	-	-
Sherkole	-	*	-	-	-	-	-	-
Bambasi	-	*	*	1142	1142	*	*	-
Oda Godere	-	-	*	*	*	-	-	-
Komesha	-	-	-	*	*	-	-	-
Mao Komo Special	-	-	-	*	*	-	-	-
Kemeshi Zone	-	*	-	*	*	*	-	*
Yaso	-	-	-	-	-	-	-	-
Sirba Abay	-	*	-	-	-	*	-	*
Kamashi	-	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-	-
Belo Jefonfoy	-	-	-	*	*	-	-	-

TABLE 6.37: Holders Applying Agricultural Inputs and Participating in Extension Programs by Area of Education in Rural and Urban Areas, for Private Holdings

[illegible]

TABLE 6.37.1: RURAL HOLDINGS

[illegible]

TABLE 6.37.2: RURAL MEHER

[illegible]

TABLE 6.37.3: RURAL BELG

[illegible]

TABLE 6.37.4: URBAN HOLDINGS

[illegible]

TABLE 6.38: TOTAL NUMBER OF HOLDERS BY EDUCATIONAL ATTAINMENT IN
RURAL AND URBAN

AREAS, FOR PRIVATE HOLDINGS

Geographic Area	All Holding											
	All Holders	Grades Completed by Holder										
		Illiterate	Literate but not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	
Benshangul-Gumuz	127570	85847	11704	2854	5678	5098	4436	3589	3229	1928	1141	
Metekel Zone	50535	34705	4481	882	2010	2033	1605	1551	1171	794	491	
Dangur	6837	5167	630	141	295	195	127	53	84	*	*	
Guba	3950	3273	177	70	101	93	71	59	41	25	13	
Wenbera	8970	5953	482	287	543	455	323	326	224	179	104	
Mandura	5612	4634	272	108	175	149	62	86	31	35	*	
Dibate	9327	6487	1023	139	317	351	338	238	123	135	66	
Pawe	10317	5249	1504	47	295	620	516	677	525	336	164	
Bulen	5521	3942	393	90	283	170	169	113	144	*	53	
Asosa Zone	58400	41012	6530	1216	2154	1844	1723	1247	1093	515	256	
Menge	8645	6718	822	118	249	249	203	78	90	107	2	
Kurmak	3733	2467	524	115	143	136	151	86	61	14	*	
Asosa	18961	11839	2438	363	613	598	811	665	582	250	164	
Sherkole	4453	3792	146	91	155	118	54	63	*	*	*	
Bambasi	9336	6133	1441	66	390	413	276	181	178	101	48	
Oda Godere	6042	4867	219	213	313	110	81	91	*	*	*	
Komesha	2949	2199	341	60	104	75	78	45	48	-	.	
Mao Komo Special	4280	2997	599	192	186	146	69	*	*	*	.	
Kemeshi Zone	18635	10130	692	756	1514	1222	1108	791	965	618	393	
Yaso	3676	2434	210	98	172	164	162	130	182	32	46	
Sirba Abay	2509	1771	77	81	175	177	95	73	37	*	*	
Kamashi	2771	1245	85	158	260	245	298	135	200	63	*	
Agalo Meti	3577	1691	*	175	335	352	260	242	181	155	112	
Belo Jigonfoy	6102	2990	299	243	571	283	294	212	365	355	205	

TABLE 6.38.1: RURAL MEHER

Geographic Area	All Holding											
	All Holders	Grades Completed by Holder										
		Illiterate	Literate but not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	
Benshangul-Gumuz	123726	84304	11218	2806	5562	4856	4295	3264	3068	1718	1066	
Metekel Zone	48170	33721	4152	845	1956	1835	1524	1327	1103	658	458	
Dangur	6464	4916	561	137	279	195	123	50	79	*	*	
Guba	3770	3208	151	63	83	85	56	48	33	22	*	
Wenbera	8780	5863	472	287	540	445	303	316	220	168	94	
Mandura	5509	4604	260	90	169	137	56	86	31	*	*	
Dibate	9128	6411	973	136	315	335	322	231	114	126	66	
Pawe	9308	4904	1373	47	290	478	508	497	516	246	164	
Bulen	5210	3816	363	84	281	161	157	99	110	*	*	
Asosa Zone	56921	40452	6374	1206	2093	1799	1663	1146	1001	442	214	
Menge	8611	6713	815	118	246	247	200	70	86	107	-	
Kurmak	3723	2467	523	115	143	136	150	85	60	*	*	
Asosa	18077	11555	2350	353	592	571	781	595	519	211	145	
Sherkole	4453	3792	146	91	155	118	54	63	*	*	*	
Bambasi	8786	5862	1382	66	353	397	250	159	153	72	*	
Oda Godere	6042	4867	219	213	313	110	81	91	*	*	*	
Komesha	2949	2199	341	60	104	75	78	45	48	-	-	
Mao Komo Special	4280	2997	599	192	186	146	69	*	*	*	-	
Kemeshi Zone	18635	10130	692	756	1514	1222	1108	791	965	618	393	
Yaso	3676	2434	210	98	172	164	162	130	182	32	46	
Sirba Abay	2509	1771	77	81	175	177	95	73	37	*	*	
Kamashi	2771	1245	85	158	260	245	298	135	200	63	*	
Agalo Meti	3577	1691	*	175	335	352	260	242	181	155	112	
Belo Jefonfoy	6102	2990	299	243	571	283	294	212	365	355	209	

TABLE 6.38.2: RURAL BELG

[illegible]

TABLE 6.38.3: URBAN HOLDINGS

Geographic Area	All Holding											
	All Holders	Grades Completed by Holder										
		Illiterate	Literate but not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	
Benshangul-Gumuz	3826	1541	485	48	116	242	141	325	160	209	75	
Metekel Zone	2365	984	329	38	54	197	81	224	68	136	34	
Dangur	373	251	70	*	16	-	*	*	*	*	*	
Guba	180	65	26	*	18	*	15	11	*	*	*	
Wenbera	190	90	*	-	*	*	20	*	*	*	*	
Mandura	103	30	12	18	6	12	6	-	-	6	6	
Dibate	199	76	50	*	*	16	16	*	9	9	-	
Pawe	1009	345	132	-	*	*	*	*	*	*	*	
Bulen	311	126	31	*	*	9	*	14	34	*	*	
Asosa Zone	1460	557	156	*	62	45	61	101	92	73	41	
Menge	34	5	7	-	3	2	3	8	3	-	2	
Kurmak	10	-	1	-	-	-	1	1	1	5	-	
Asosa	866	281	*	*	*	27	*	*	63	39	20	
Bambasi	550	271	60	-	37	16	26	22	25	29	20	

TABLE 6.39: APPLICATION OF IMPROVED SEEDS BY EDUCATIONAL ATTAINMENT IN RURAL AN AREAS, FOR PRIVATE HOLDINGS

Geographic Area	Holders Applying Improved Seeds											
	All Holders	Grades Completed by Holder										
		Illiterate	Literate but not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	
Benshangul-Gumuz	15838	8077	2544	248	964	781	763	638	549	515	239	
Metekel Zone	3972	1943	604	37	210	248	194	178	199	142	76	
Dangur	381	242	94	*	*	-	*	*	*	*	*	
Guba	87	75	*	-	-	*	-	-	-	-	*	
Wenbera	696	325	*	*	*	*	-	-	*	*	*	
Mandura	444	256	107	-	*	*	-	-	*	*	*	
Dibate	1173	606	162	-	92	*	77	85	*	*	*	
Pawe	1017	368	164	*	-	123	107	76	83	*	*	
Bulen	174	71	*	-	*	*	*	*	*	-	*	
Asosa Zone	10085	5600	1877	145	422	454	501	376	302	151	*	
Menge	237	143	69	-	-	*	-	-	-	*	-	
Kurmak	78	*	*	-	-	-	*	-	-	1	-	
Asosa	7013	3729	1284	*	293	310	409	319	225	106	*	
Sherkole	94	83	-	-	-	*	-	-	-	-	-	
Bambasi	1530	866	381	-	52	82	67	*	*	*	*	
Oda Godere	239	169	*	*	*	-	-	*	-	*	-	
Komesha	307	158	68	-	*	*	*	*	*	-	-	
Mao Komo Special	587	420	*	*	*	*	-	*	*	-	-	
Kemeshi Zone	1781	535	64	66	333	79	68	85	48	222	90	
Yaso	69	52	15	3	-	-	-	-	-	-	-	
Sirba Abay	125	72	*	-	*	*	*	*	-	-	-	
Kamashi	314	94	19	-	56	*	43	*	26	*	*	
Agalo Meti	29	13	-	-	*	6	-	-	-	-	-	
Belo Jigonfoy	1245	304	*	64	251	50	*	72	*	204	82	

TABLE 6.39.1: RURAL HOLDINGS

Geographic Area	Holders Applying Improved Seeds											
	All Holders	Grades Completed by Holder										
		Illiterate	Literate but not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	
Benshangul-Gumuz	15460	7952	2461	245	958	776	746	613	511	507	217	
Metekel Zone	3690	1825	539	*	203	243	188	170	186	136	57	
Dangur	*	*	*	*	-	-	-	-	-	-	-	-
Guba	87	75	*	-	-	*	-	-	-	-	*	
Wenbera	656	305	*	*	*	*	-	-	*	*	*	*
Mandura	438	256	107	-	*	*	-	-	*	*	*	
Dibate	1129	598	145	-	89	*	74	85	*	*	*	
Pawe	980	355	148	*	-	123	107	75	83	*	*	
Bulen	142	*	*	-	*	*	*	*	*	-	-	-
Asosa Zone	9989	5592	1858	145	422	454	490	358	278	150	*	
Menge	234	143	66	-	-	*	-	-	-	*	-	-
Kurmak	76	*	*	-	-	-	*	-	-	-	-	-
Asosa	6948	3725	1284	*	293	310	400	304	200	106	*	
Sherkole	94	83	-	-	-	*	-	-	-	-	-	-
Bambasi	1505	862	366	-	52	82	67	*	*	*	*	*
Oda Godere	239	169	*	*	*	-	-	*	-	*	-	-
Komesha	307	158	68	-	*	*	*	*	*	-	-	-
Mao Komo Special	587	420	*	*	*	*	-	*	*	-	-	-
Kemeshi Zone	1781	535	64	66	333	79	68	85	48	222	90	
Yaso	69	52	15	3	-	-	-	-	-	-	-	-
Sirba Abay	125	72	*	-	*	*	*	*	-	-	-	-
Kamashi	314	94	19	-	56	*	43	*	26	*	*	*
Agalo Meti	29	13	-	-	*	6	-	-	-	-	-	-
Belo Jigonfoy	1245	304	*	64	251	50	*	72	*	204	82	

TABLE 6.39.2: RURAL MEHER

Geographic Area	Holders Applying Improved Seeds											
	All Holders	Grades Completed by Holder										
		Illiterate	Literate but not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	
Benshangul-Gumuz	15101	7784	2450	227	937	700	746	600	501	486	207	
Metekel Zone	3454	1708	539	*	193	190	188	157	175	125	47	
Dangur	*	*	*	*	-	-	-	-	-	-	-	-
Guba	87	75	*	-	-	*	-	-	-	-	*	
Wenbera	485	226	*	-	*	*	-	-	*	*	*	
Mandura	438	256	107	-	*	*	-	-	*	*	*	
Dibate	1129	598	145	-	89	*	74	85	*	*	*	
Pawe	915	317	148	*	-	110	107	61	83	*	*	
Bulen	142	*	*	-	*	*	*	*	*	-	-	-
Asosa Zone	9897	5541	1858	137	411	431	490	358	278	150	*	
Menge	234	143	66	-	-	*	-	-	-	*	-	-
Kurmak	76	*	*	-	-	-	*	-	-	-	-	-
Asosa	6878	3679	1284	*	293	287	400	304	200	106	*	
Sherkole	94	83	-	-	-	*	-	-	-	-	-	-
Bambasi	1494	862	366	-	*	82	67	*	*	*	*	
Oda Godere	239	169	*	*	*	-	-	*	-	*	-	-
Komesha	302	153	68	-	*	*	*	*	*	-	-	-
Mao Komo Special	579	420	*	*	*	*	-	*	*	-	-	-
Kemeshi Zone	1749	535	53	66	333	79	68	85	48	211	90	
Yaso	69	52	15	3	-	-	-	-	-	-	-	-
Sirba Abay	125	72	*	-	*	*	*	*	-	-	-	-
Kamashi	282	94	*	-	56	*	43	*	26	*	*	
Agalo Meti	29	13	-	-	*	6	-	-	-	-	-	-
Belo Jigonfoy	1245	304	*	64	251	50	*	72	*	204	82	

TABLE 6.39.3: RURAL BELG

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TABLE 6.39.4: URBAN HOLDINGS

Geographic Area	Holders Applying Improved Seeds											
	All Holders	Grades Completed by Holder										
		Illiterate	Literate but not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	
Benshangul-Gumuz	378	125	83	*	*	*	*	25	38	*	22	
Metekel Zone	282	117	65	*	*	*	*	8	13	*	19	
Dangur	123	68	30	*	*	-	*	*	*	*	*	
Guba	-	-	-	-	-	-	-	-	-	-	-	
Wenbera	40	20	-	-	-	-	-	-	-	-	*	
Mandura	6	-	-	-	-	-	-	-	-	-	6	
Dibate	44	8	17	-	*	*	*	-	*	*	-	
Pawe	37	*	*	-	-	-	-	*	-	-	-	
Bulen	32	*	*	-	-	-	-	*	*	-	*	
Asosa Zone	96	*	18	-	-	-	*	*	*	1	*	
Menge	3	-	3	-	-	-	-	-	-	-	-	
Kurmak	2	-	-	-	-	-	1	-	-	1	-	
Asosa	*	*	-	-	-	-	*	*	*	-	-	
Bambasi	25	*	15	-	-	-	-	*	-	-	*	

TABLE 6.40: USES OF IRRIGATION BY EDUCATIONAL ATTAINMENT IN RURAL AND URBAN AREAS, FOR PRIVATE HOLDINGS

Geographic Area	Holders With Irrigation											
	All Holders	Grades Completed by Holder										
		Illiterate	Literate but not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	
Benshangul-Gumuz	11115	5772	1905	174	685	527	569	505	407	212	150	
Metekel Zone	3479	1627	565	*	236	224	220	232	140	*	71	
Dangur	301	206	53	-	*	*	*	*	-	*	-	
Guba	33	13	-	-	-	*	-	*	-	-	*	
Wenbera	2322	1024	*	*	219	184	136	163	91	*	68	
Mandura	77	68	*	-	-	-	-	-	-	-	-	
Dibate	239	108	*	-	-	*	*	-	-	*	-	
Pawe	437	180	90	-	*	*	53	54	*	-	-	
Bulen	69	*	*	-	-	*	*	-	*	-	-	
Asosa Zone	7110	3919	1318	110	370	290	288	236	233	126	*	
Menge	86	*	42	-	-	2	-	-	-	-	-	
Kurmak	*	*	*	-	*	-	-	-	-	-	-	
Asosa	5184	2774	927	*	254	188	243	202	179	108	*	
Sherkole	45	*	-	-	-	*	-	*	-	-	-	
Bambasi	1295	812	220	-	75	93	*	*	*	*	*	
Oda Godere	63	*	-	-	*	-	-	-	-	-	-	
Komesha	256	113	91	-	*	-	*	*	*	-	-	
Mao Komo Special	145	83	*	*	*	-	-	-	*	-	-	
Kemeshi Zone	527	226	21	*	79	*	61	37	*	*	-	
Yaso	19	*	-	-	-	-	*	-	-	-	-	
Sirba Abay	*	*	-	-	-	-	-	-	-	-	-	
Kamashi	87	*	21	-	-	-	22	*	-	*	-	
Agalo Meti	315	170	-	*	*	*	*	*	*	-	-	
Belo Jigonfoy	82	*	-	-	52	-	-	-	*	-	-	

TABLE 6.40.1: RURAL HOLDINGS

Geographic Area	Holders Practicing Irrigation											
	All Holders	Grades Completed by Holder										
		Illiterate	Literate but not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	
Benshangul-Gumuz	10854	5667	1873	174	673	519	557	492	401	201	136	
Metekel Zone	3310	1555	542	*	224	218	214	223	134	*	63	
Dangur	255	178	*	-	*	*	*	*	-	*	-	
Guba	14	*	-	-	-	-	-	*	-	-	-	
Wenbera	2282	1006	*	*	216	184	136	157	91	*	63	
Mandura	77	68	*	-	-	-	-	-	-	-	-	
Dibate	*	105	*	-	-	-	*	-	-	*	-	
Pawe	403	159	90	-	-	*	51	54	*	-	-	
Bulen	*	*	-	-	-	*	*	-	*	-	-	
Asosa Zone	7017	3886	1310	110	370	288	281	232	233	119	*	
Menge	84	*	42	-	-	-	-	-	-	-	-	
Kurmak	*	*	*	-	*	-	-	-	-	-	-	
Asosa	5148	2768	925	*	254	188	243	202	179	108	*	
Sherkole	45	*	-	-	-	*	-	*	-	-	-	
Bambasi	1240	785	214	-	75	93	*	*	*	*	*	
Oda Godere	63	*	-	-	*	-	-	-	-	-	-	
Komesha	256	113	91	-	*	-	*	*	*	-	-	
Mao Komo Special	145	83	*	*	*	-	-	-	*	-	-	
Kemeshi Zone	527	226	21	*	79	*	61	37	*	*	-	
Yaso	19	*	-	-	-	-	*	-	-	-	-	
Sirba Abay	*	*	-	-	-	-	-	-	-	-	-	
Kamashi	87	*	21	-	-	-	22	*	-	*	-	
Agalo Meti	315	170	-	*	*	*	*	*	*	-	-	
Belo Jigonfoy	82	*	-	-	52	-	-	-	*	-	-	

TABLE 6.40.2: RURAL MEHER

Geographic Area	Holders Practicing Irrigation										
	All Holders	Grades Completed by Holder									
		Illiterate	Literate but not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Benshangul-Gumuz	6778	3223	1198	116	530	376	378	316	297	141	87
Metekel Zone	2775	1217	473	*	187	209	173	200	134	*	*
Dangur	92	*	*	-	-	*	*	*	-	-	-
Guba	14	*	-	-	-	-	-	*	-	-	-
Wenbera	2007	866	263	*	187	175	107	147	91	*	*
Mandura	77	68	*	-	-	-	-	-	-	-	-
Dibate	*	105	*	-	-	-	*	-	-	*	-
Pawe	306	98	79	-	-	*	39	*	*	-	-
Bulen	*	*	-	-	-	*	*	-	*	-	-
Asosa Zone	3778	1938	703	*	277	154	170	116	*	*	*
Menge	75	*	*	-	-	-	-	-	-	-	-
Kurmak	*	*	*	-	*	-	-	-	-	-	-
Asosa	2936	1415	543	*	212	*	143	*	*	*	*
Sherkole	45	*	-	-	-	*	-	*	-	-	-
Bambasi	513	333	86	-	*	*	*	-	-	*	*
Oda Godere	*	*	-	-	-	-	-	-	-	-	-
Komesha	56	*	*	-	*	-	*	-	-	-	-
Mao Komo Special	91	61	*	*	*	-	-	-	-	-	-
Kemeshi Zone	225	68	21	-	66	*	34	-	*	-	-
Yaso	19	*	-	-	-	-	*	-	-	-	-
Sirba Abay	*	*	-	-	-	-	-	-	-	-	-
Kamashi	54	*	21	-	-	-	22	-	-	-	-
Agalo Meti	46	*	-	-	*	*	-	-	*	-	-
Belo Jigonfoy	82	*	-	-	52	-	-	-	*	-	-

TABLE 6.40.3: RURAL BELG

Geographic Area	Holders Practicing Irrigation										
	All Holders	Grades Completed by Holder									
		Illiterate	Literate but not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Benshangul-Gumuz	6411	3410	1196	114	402	283	272	257	231	97	87
Metekel Zone	1296	651	176	*	115	98	*	59	82	*	*
Dangur	163	138	*	-	*	-	-	-	-	*	-
Guba	-	-	-	-	-	-	-	-	-	-	-
Wenbera	973	438	133	*	107	84	*	*	82	*	*
Mandura	-	-	-	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-	-	-	-	-
Pawe	160	*	*	-	-	*	*	*	-	-	-

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TABLE 6.40.4: URBAN HOLDINGS

Geographic Area	Holders Practicing Irrigation											
	All Holders	Grades Completed by Holder										
		Illiterate	Literate but not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	
Benshangul-Gumuz	261	105	32	-	12	8	12	*	*	*	14	
Metekel Zone	168	72	24	-	12	*	*	*	*	*	*	
Dangur	46	28	15	-	*	-	-	-	-	-	-	
Guba	19	*	-	-	-	*	-	*	-	-	*	
Wenbera	40	18	-	-	*	-	-	*	-	-	*	
Mandura	-	-	-	-	-	-	-	-	-	-	-	
Dibate	15	*	*	-	-	*	-	-	-	*	-	
Pawe	33	*	-	-	*	-	*	-	-	-	-	
Bulen	16	-	*	-	-	-	*	-	*	-	-	
Asosa Zone	93	33	8	-	-	2	*	*	-	*	*	
Menge	2	-	-	-	-	2	-	-	-	-	-	
Kurmak	-	-	-	-	-	-	-	-	-	-	-	
Asosa	36	*	*	-	-	-	-	-	-	-	*	
Bambasi	55	27	*	-	-	-	*	*	-	*	*	

TABLE 6.41: APPLICATION OF FERTILIZERS BY EDUCATIONAL ATTAINMENT IN RURAL AND URBAN AREAS, FOR PRIVATE HOLDINGS

Geographic Area	Holders Applying Fertilizers											
	All Holders	Grades Completed by Holder										
		Illiterate	Literate but not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	
Benshangul-Gumuz	59029	36076	7248	1396	2760	2558	2330	2004	1677	1128	675	
Metekel Zone	21871	12901	2638	402	943	1089	864	989	728	460	337	
Dangur	2816	1926	453	*	82	67	79	*	*	*	*	
Guba	181	127	-	*	6	*	*	*	*	*	*	
Wenbera	5293	3069	368	202	331	358	183	270	204	153	85	
Mandura	1061	681	170	*	55	*	*	*	*	*	*	
Dibate	5442	3546	669	*	236	227	235	194	77	106	*	
Pawe	5065	2389	765	*	125	335	262	372	281	126	121	
Bulen	2014	1163	213	50	108	73	77	81	95	*	53	
Asosa Zone	29761	19595	4174	678	1106	1077	980	709	630	242	175	
Menge	2312	1689	317	29	40	70	76	*	*	*	-	
Kurmak	1122	757	107	75	*	*	65	40	34	1	*	
Asosa	13337	8038	2069	275	483	483	592	448	345	153	145	
Sherkole	1407	1196	41	*	59	49	*	*	*	*	-	
Bambasi	5528	3613	1015	*	171	248	144	97	118	*	*	
Oda Godere	3088	2419	149	103	197	70	*	*	*	*	*	
Komesha	1017	645	197	*	36	*	48	*	44	-	-	
Mao Komo Special	1950	1238	279	119	97	116	*	*	*	*	-	
Kemeshi Zone	7397	3580	436	316	711	392	486	305	318	425	168	
Yaso	1432	913	117	22	96	78	80	40	32	-	*	
Sirba Abay	1172	753	*	44	86	91	66	49	37	*	*	
Kamashi	916	386	64	30	99	58	112	41	59	32	*	
Agalo Meti	1175	523	-	63	96	83	89	72	101	94	38	
Belo Jigonfoy	2701	1005	222	159	333	80	139	103	89	291	94	

TABLE 6.41.1: RURAL HOLDINGS

Geographic Area	Holders Applying Fertilizers											
	All Holders	Grades Completed by Holder										
		Illiterate	Literate but not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	
Benshangul-Gumuz	58032	35714	7126	1387	2746	2477	2297	1909	1637	1085	647	
Metekel Zone	21000	12610	2545	393	929	1009	835	901	689	422	307	
Dangur	2693	1858	432	*	*	67	75	*	*	*	*	
Guba	166	127	-	*	6	*	2	-	*	*	.	
Wenbera	5155	3002	363	202	331	353	173	266	200	142	75	
Mandura	1024	669	158	*	55	*	*	*	*	*	*	
Dibate	5389	3536	659	*	233	222	228	194	73	97	*	
Pawe	4767	2342	747	*	120	265	262	302	273	125	121	
Bulen	1806	1077	186	*	106	73	*	76	76	*	*	
Asosa Zone	29635	19523	4145	678	1106	1077	977	703	630	238	172	
Menge	2308	1689	314	29	40	70	76	*	*	*	.	
Kurmak	1119	757	107	75	*	*	64	40	34	-	*	
Asosa	13284	8009	2061	275	483	483	590	445	345	150	145	
Sherkole	1407	1196	41	*	59	49	*	*	*	*	.	
Bambasi	5461	3570	997	*	171	248	144	93	118	*	*	
Oda Godere	3088	2419	149	103	197	70	*	*	*	*	*	
Komesha	1017	645	197	*	36	*	48	*	44	-	.	
Mao Komo Special	1950	1238	279	119	97	116	*	*	*	*	.	
Kemeshi Zone	7397	3580	436	316	711	392	486	305	318	425	168	
Yaso	1432	913	117	22	96	78	80	40	32	-	*	
Sirba Abay	1172	753	*	44	86	91	66	49	37	*	*	
Kamashi	916	386	64	30	99	58	112	41	59	32	*	
Agalo Meti	1175	523	-	63	96	83	89	72	101	94	38	
Belo Jigonfoy	2701	1005	222	159	333	80	139	103	89	291	94	

TABLE 6.41.2: RURAL MEHER

Geographic Area	Holders Applying Fertilizer											
	All Holders	Grades Completed by Holder										
		Illiterate	Literate but not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	
Benshangul-Gumuz	57398	35243	7076	1378	2737	2448	2279	1884	1637	1085	625	
Metekel Zone	20664	12346	2525	384	920	1000	835	877	689	422	307	
Dangur	2503	1677	432	*	*	67	75	*	*	*	*	
Guba	166	127	-	*	6	*	2	-	*	*	-	
Wenbera	5036	2932	344	192	331	344	173	254	200	142	75	
Mandura	1024	669	158	*	55	*	*	*	*	*	*	
Dibate	5389	3536	659	*	233	222	228	194	73	97	*	
Pawe	4740	2328	747	*	120	265	262	288	273	125	121	
Bulen	1806	1077	186	*	106	73	*	76	76	*	*	
Asosa Zone	29375	19355	4115	678	1106	1056	958	703	630	238	150	
Menge	2308	1689	314	29	40	70	76	*	*	*	-	
Kurmak	1119	757	107	75	*	*	64	40	34	-	*	
Asosa	13053	7865	2036	275	483	462	572	445	345	150	123	
Sherkole	1407	1196	41	*	59	49	*	*	*	*	-	
Bambasi	5461	3570	997	*	171	248	144	93	118	*	*	
Oda Godere	3088	2419	149	103	197	70	*	*	*	*	*	
Komesha	988	621	192	*	36	*	48	*	44	-	-	
Mao Komo Special	1950	1238	279	119	97	116	*	*	*	*	-	
Kemeshi Zone	7359	3542	436	316	711	392	486	305	318	425	168	
Yaso	1432	913	117	22	96	78	80	40	32	-	*	
Sirba Abay	1172	753	*	44	86	91	66	49	37	*	*	
Kamashi	916	386	64	30	99	58	112	41	59	32	*	
Agalo Meti	1137	485	-	63	96	83	89	72	101	94	38	
Belo Jigonfoy	2701	1005	222	159	333	80	139	103	89	291	94	

TABLE 6.41.3: RURAL BELG

Geographic Area	Holders Applying Fertilizers											
	All Holders	Grades Completed by Holder										
		Illiterate	Literate but not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	
Benshangul-Gumuz	5255	3156	734	159	252	287	178	151	127	*	117	
Metekel Zone	2506	1589	199	105	130	166	*	81	90	*	*	
Dangur	781	593	107	-	*	-	*	*	-	*	*	
Guba	-	-	-	-	-	-	-	-	-	-	-	
Wenbera	1674	971	92	105	94	153	*	*	90	*	*	
Mandura	-	-	-	-	-	-	-	-	-	-	-	
Dibate	-	-	-	-	-	-	-	-	-	-	-	
Pawe	*	*	-	-	-	*	-	*	-	-	-	

[illegible]

Geographic Area	Holders Applying Fertilizers											
	All Holders	Grades Completed by Holder										
		Illiterate	Literate but not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	
Benshangul-Gumuzl	997	363	122	*	14	*	32	*	40	43	32	
Metekel Zone	871	291	93	*	14	*	30	*	40	39	30	
Dangur	123	68	22	*	*	-	*	*	*	*	*	
Guba	15	-	-	-	-	-	*	*	-	-	*	
Wenbera	138	67	*	-	-	*	*	*	*	*	*	
Mandura	36	12	12	-	-	-	-	-	-	6	6	
Dibate	53	10	11	-	*	*	*	-	*	9	.	
Pawe	298	*	*	-	*	*	-	*	*	*	.	
Bulen	208	87	27	*	*	-	*	*	19	*	*	
Asosa Zone	126	72	29	-	-	-	*	*	-	*	*	
Menge	3	-	3	-	-	-	-	-	-	-	.	
Kurmak	3	-	-	-	-	-	1	-	-	1	.	
Asosa	53	*	*	-	-	-	*	*	-	*	.	
Bambasi	66	43	18	-	-	-	-	*	-	-	*	

[illegible]

			Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	
Benshangul-Gumuz	4302	2179	860	*	301	298	279	149	56	*	.	
Metekel Zone	1226	750	182	*	46	82	*	67	*	*	.	
Dangur	147	93	*	-	*	-	*	-	*	-	.	
Guba	*	*	-	-	*	-	-	-	-	-	.	
Wenbera	45	*	-	-	*	*	-	-	-	-	.	
Mandura	*	*	*	*	*	-	-	-	-	-	.	
Dibate	612	390	101	-	*	*	*	*	-	*	.	
Pawe	165	55	42	-	-	*	*	*	-	*	.	
Bulen	73	43	*	*	-	*	-	-	-	-	.	
Asosa Zone	2944	1350	666	*	241	212	204	81	*	*	.	
Menge	64	*	*	-	2	-	*	-	-	-	.	
Kurmak	27	*	*	-	-	-	-	-	-	2	.	
Asosa	2248	1013	555	*	167	185	*	*	-	*	.	
Sherkole	*	-	-	-	-	*	*	-	-	-	.	
Bambasi	295	148	*	-	35	*	*	*	*	-	.	
Oda Godere	*	*	-	-	*	-	-	-	-	-	.	
Komesha	103	56	*	-	*	-	*	-	-	-	.	
Mao Komo Special	171	89	34	-	*	-	-	-	*	*	.	
Kemeshi Zone	133	79	*	-	14	*	*	-	-	-	.	
Yaso	*	*	-	-	-	*	-	-	-	-	.	
Sirba Abay	*	*	-	-	-	-	-	-	-	-	.	
Kamashi	24	*	-	-	14	-	-	-	-	-	.	
Agalo Meti	*	*	-	-	-	-	*	-	-	-	.	
Belo Jigonfoy	47	*	*	-	-	-	*	-	-	-	.	

TABLE 6.42.1: RURAL HOLDINGS

Geographic Area	Holders With Application of Pesticides											
	All Holders	Grades Completed by Holder										
		Illiterate	Literate but not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	
Benshangul-Gumuz	4159	2113	835	*	289	287	277	145	*	*	.	
Metekel Zone	1138	711	167	*	*	70	*	64	*	*	.	
Dangur	114	71	*	-	-	-	*	-	*	-	.	
Guba	*	*	-	-	*	-	-	-	-	-	.	
Wenbera	*	*	-	-	*	*	-	-	-	-	.	
Mandura	*	*	*	*	*	-	-	-	-	-	.	
Dibate	572	380	89	-	*	*	*	*	-	-	.	
Pawe	162	55	42	-	-	*	-	*	-	*	.	
Bulen	70	*	*	*	-	*	-	-	-	-	.	
Asosa Zone	2889	1323	656	*	236	212	204	81	*	*	.	
Menge	61	*	*	-	-	-	*	-	-	-	.	
Kurmak	*	*	*	-	-	-	-	-	-	-	.	
Asosa	2213	997	547	*	167	185	*	*	-	*	.	
Sherkole	*	-	-	-	-	*	*	-	-	-	.	
Bambasi	280	136	*	-	*	*	*	*	*	-	.	
Oda Godere	*	*	-	-	*	-	-	-	-	-	.	
Komesha	103	56	*	-	*	-	*	-	-	-	.	

Mao Komo Special	171	89	34	-	*	-	-	-	*	*	-
Kemeshi Zone	133	79	*	-	14	*	*	-	-	-	-
Yaso	*	*	-	-	-	*	-	-	-	-	-
Sirba Abay	*	*	-	-	-	-	-	-	-	-	-
Kamashi	24	*	-	-	14	-	-	-	-	-	-
Agalo Meti	*	*	-	-	-	-	*	-	-	-	-
Belo Jigonfo	47	*	*	-	-	-	*	-	-	-	-

TABLE 6.42.2: RURAL MEHER

Geographic Area	Holders With Application of Pesticides										
	All Holders	Grades Completed by Holder									
		Illiterate	Literate But not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Benshangul-Gumuz	2801	1351	656	*	136	170	209	124	*	*	-
Metekel Zone	1096	711	155	*	*	70	*	*	*	*	-
Dangur	114	71	*	-	-	-	*	-	*	-	-
Guba	*	*	-	-	*	-	-	-	-	-	-
Wenbera	*	*	-	-	-	*	-	-	-	-	-
Mandura	*	*	*	*	*	-	-	-	-	-	-
Dibate	572	380	89	-	*	*	*	*	-	-	-
Pawe	139	55	*	-	-	*	-	*	-	*	-
Bulen	70	*	*	*	-	*	-	-	-	-	-
Asosa Zone	1612	587	*	*	*	*	149	*	*	*	-
Menge	*	*	-	-	-	-	*	-	-	-	-
Kurmak	*	*	*	-	-	-	-	-	-	-	-
Asosa	1257	425	*	*	*	*	*	*	-	*	-
Sherkole	*	-	-	-	-	*	*	-	-	-	-
Bambasi	67	*	-	-	-	*	-	*	*	-	-
Oda Godere	*	*	-	-	*	-	-	-	-	-	-
Komesha	58	*	*	-	*	-	*	-	-	-	-
Mao Komo Special	116	*	*	-	-	-	-	-	*	*	-
Kemeshi Zone	94	53	*	-	14	*	*	-	-	-	-
Yaso	*	*	-	-	-	*	-	-	-	-	-
Sirba Abay	*	*	-	-	-	-	-	-	-	-	-
Kamashi	24	*	-	-	14	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-	-	-	-	-
Belo Jigonfo	47	*	*	-	-	-	*	-	-	-	-

TABLE 6.42.3: RURAL BELG

Geographic Area	Holders With Application of Pesticides										
	All Holders	Grades Completed by Holder									
		Illiterate	Literate but not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Benshangul-Gumuz	1457	783	221	*	172	117	*	*	*	*	-
Metekel Zone	*	-	*	-	*	-	-	*	-	-	-

Dangur	-	-	-	-	-	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-	-	-	-	-
Wenbera	*	-	-	-	*	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-	-	-	-	-	-
Pawe	*	-	*	-	-	-	-	*	-	-	-	-
Bulen	-	-	-	-	-	-	-	-	-	-	-	-
Asosa Zone	1376	757	209	*	154	117	*	*	*	*	*	-
Menge	*	-	*	-	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-	-	-	-	-
Asosa	1037	593	*	*	*	*	*	-	-	-	*	-
Sherkole	-	-	-	-	-	-	-	-	-	-	-	-
Bambasi	213	103	*	-	*	*	*	*	*	*	-	-
Oda Godere	-	-	-	-	-	-	-	-	-	-	-	-
Komesha	45	32	*	-	-	-	-	-	-	-	-	-
Mao Komo Special	73	*	*	-	*	-	-	-	-	*	-	-
Kemeshi Zone	*	*	-	-	-	-	*	-	-	-	-	-
Yaso	-	-	-	-	-	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-	-	-	-	-	-
Agalo Meti	*	*	-	-	-	-	*	-	-	-	-	-
Belo Jigonfo	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 6.42.4: URBAN HOLDINGS

Geographic Area	Holders With Application of Pesticides											
	All Holders	Grades Completed by Holder										
		Illiterate	Literate but not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	
Benshangul-Gumuz	144	66	24	-	12	12	*	*	*	4	-	
Metekel Zone	89	39	15	-	*	12	*	*	*	*	-	
Dangur	33	22	*	-	*	-	-	-	-	*	-	
Guba	-	-	-	-	-	-	-	-	-	-	-	
Wenbera	*	*	-	-	-	-	-	-	-	-	-	
Mandura	-	-	-	-	-	-	-	-	-	-	-	
Dibate	41	10	11	-	*	12	-	*	-	*	-	
Pawe	*	-	-	-	-	-	*	-	-	-	-	
Bulen	*	*	-	-	-	-	-	-	-	-	-	
Asosa Zone	55	*	*	-	*	-	-	-	-	-	2	
Menge	3	-	2	-	2	-	-	-	-	-	-	
Kurmak	2	-	-	-	-	-	-	-	-	-	2	
Asosa	*	*	*	-	-	-	-	-	-	-	-	
Bambasi	15	11	-	-	*	-	-	-	-	-	-	

TABLE 6.43: HOLDERS PARTICIPATING IN AGRICULTURAL EXTENSION BY EDUCATIONAL ATTAINMENT AREAS, FOR PRIVATE HOLDINGS

Geographic Area	Holders Participating in Agricultural Extension											
	All Holders	Grades Completed by Holder										
		Illiterate	Literate but not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	
Benshangul-Gumuz	5738	2765	959	97	452	294	396	284	161	110	*	
Metekel Zone	2165	1065	333	*	161	108	122	126	93	*	*	
Dangur	*	*	*	-	-	-	-	-	-	-	-	.
Guba	36	36	-	-	-	-	-	-	-	-	-	.
Wenbera	*	*	*	-	*	*	-	*	*	*	*	*
Mandura	178	85	*	*	*	-	-	*	*	*	*	*
Dibate	938	487	137	-	80	*	58	61	*	*	*	.
Pawe	375	140	82	-	-	*	58	*	*	-	-	.
Bulen	84	*	*	-	*	*	*	*	-	-	-	.
Asosa Zone	2688	1461	573	*	97	133	208	*	*	*	*	*
Menge	218	151	37	-	*	*	-	-	-	-	-	.
Kurmak	98	54	*	-	-	-	*	-	-	-	-	.
Asosa	1336	588	337	-	*	*	185	*	-	*	*	*
Sherkole	34	34	-	-	-	-	-	-	-	-	-	.
Bambasi	207	126	60	-	*	-	*	-	-	-	-	.
Oda Godere	85	*	-	-	*	*	-	*	-	-	-	.
Komesha	246	132	67	-	*	*	-	*	*	-	-	.
Mao Komo Special	464	338	*	*	*	*	-	*	*	-	-	.
Kemeshi Zone	884	239	53	68	194	53	66	82	33	23	*	
Yaso	*	*	-	-	-	-	-	-	-	-	-	.
Sirba Abay	71	*	*	-	*	*	*	*	-	-	-	.
Kamashi	261	51	23	*	43	*	47	-	26	*	*	
Agalo Meti	*	*	-	-	-	-	-	-	-	-	-	.
Belo Jigonfoy	520	136	*	64	135	31	*	72	*	*	*	.

TABLE 6.43.1: RURAL MEHER

Geographic Area	Holders Participating in Agricultural Extension											
	All Holders	Grades Completed by Holder										
		Illiterate	Literate but not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	
Benshangul-Gumuz	5563	2718	888	97	452	294	374	271	161	99	*	
Metekel Zone	2138	1052	333	*	161	108	122	113	93	*	*	
Dangur	*	*	*	-	-	-	-	-	-	-	-	.
Guba	36	36	-	-	-	-	-	-	-	-	-	.
Wenbera	*	*	*	-	*	*	-	*	*	*	*	*
Mandura	178	85	*	*	*	-	-	*	*	*	*	*
Dibate	938	487	137	-	80	*	58	61	*	*	*	.
Pawe	348	126	82	-	-	*	58	*	*	-	-	.
Bulen	84	*	*	-	*	*	*	*	-	-	-	.
Asosa Zone	2572	1428	513	*	97	133	186	*	*	*	*	*
Menge	218	151	37	-	*	*	-	-	-	-	-	.
Kurmak	98	54	*	-	-	-	*	-	-	-	-	.

Asosa	1231	566	277	-	*	*	162	*	-	*	*
Sherkole	34	34	-	-	-	-	-	-	-	-	.
Bambasi	197	115	60	-	*	-	*	-	-	-	.
Oda Godere	85	*	-	-	*	*	-	*	-	-	.
Komesha	246	132	67	-	*	*	-	*	*	-	.
Mao Komo Special	464	338	*	*	*	*	-	*	*	-	.
Kemeshi Zone	852	239	42	68	194	53	66	82	33	*	*
Yaso	*	*	-	-	-	-	-	-	-	-	.
Sirba Abay	71	*	*	-	*	*	*	*	-	-	.
Kamashi	229	51	*	*	43	*	47	-	26	*	*
Agalo Meti	*	*	-	-	-	-	-	-	-	-	.
Belo Jigonfo	520	136	*	64	135	31	*	72	*	*	.

TABLE 6.43.2: RURAL BELG

Geographic Area	Holders Participating in Agricultural Extension											
	All Holders	Grades Completed by Holder										
		Illiterate	Literate but not Formal Education	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	
Benshangul-Gumuz	211	*	*	-	-	-	*	*	*	*	.	
Metekel Zone	*	*	-	-	-	-	-	*	*	-	.	
Dangur	-	-	-	-	-	-	-	-	-	-	.	
Guba	-	-	-	-	-	-	-	-	-	-	.	
Wenbera	*	-	-	-	-	-	-	-	*	-	.	
Mandura	-	-	-	-	-	-	-	-	-	-	.	
Dibate	-	-	-	-	-	-	-	-	-	-	.	
Pawe	*	*	-	-	-	-	-	*	-	-	.	
Bulen	-	-	-	-	-	-	-	-	-	-	.	
Asosa Zone	*	*	*	-	-	-	*	-	-	-	.	
Menge	-	-	-	-	-	-	-	-	-	-	.	
Kurmak	-	-	-	-	-	-	-	-	-	-	.	
Asosa	*	*	*	-	-	-	*	-	-	-	.	
Sherkole	-	-	-	-	-	-	-	-	-	-	.	
Bambasi	*	*	-	-	-	-	-	-	-	-	.	
Oda Godere	-	-	-	-	-	-	-	-	-	-	.	
Komesha	-	-	-	-	-	-	-	-	-	-	.	
Mao Komo Special	-	-	-	-	-	-	-	-	-	-	.	
Kemeshi Zone	32	-	*	-	-	-	-	-	-	*	.	
Yaso	-	-	-	-	-	-	-	-	-	-	.	
Sirba Abay	-	-	-	-	-	-	-	-	-	-	.	
Kamashi	32	-	*	-	-	-	-	-	-	*	.	
Agalo Meti	-	-	-	-	-	-	-	-	-	-	.	
Belo Jigonfo	-	-	-	-	-	-	-	-	-	-	.	

TABLE 6.44: CROP AREA (HECTARES) DAMAGED BY CROP DISEASE AND TOTAL SIZE OF HOLDING IN RURAL AREAS, FOR PRIVATE HOLDINGS

Geographic Area	Area Damaged by Crop Disease							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	4805	22	459	970	1605	1502	204	*
Metekel Zone	1124	7	105	130	323	479	80	-
Dangur	83	*	*	11	16	*	*	-
Guba	220	4	61	49	69	36	-	-
Wenbera	97	*	*	6	38	*	*	-
Mandura	24	*	*	*	8	9	-	-
Dibate	279	*	*	*	35	168	46	-
Pawe	369	1	17	43	150	148	*	-
Bulen	52	*	*	*	*	31	*	-
Asosa Zone	3319	14	334	790	1129	913	*	*
Menge	871	2	61	233	299	244	15	*
Kurmak	69	*	11	13	19	25	-	-
Asosa	1150	5	*	*	376	305	*	*
Sherkole	117	1	34	33	34	*	-	-
Bambasi	212	*	11	35	70	80	*	*
Oda Godere	347	1	28	53	140	83	*	-
Komesha	450	2	38	104	149	138	*	-
Mao Komo Special	104	1	16	22	41	*	-	-
Kemeshi Zone	362	1	19	50	153	110	28	*
Yaso	84	*	4	7	26	46	-	-
Sirba Abav	55	*	5	19	21	*	-	-
Kamashi	65	*	3	4	21	23	14	*
Agalo Meti	28	*	3	8	3	*	*	-
Belo Jigonfo	130	*	4	12	83	28	2	-

TABLE 6.44.1: MEHER

Geographic Area	Area Damaged by Crop Disease							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	4797	20	455	967	1605	1502	204	*
Metekel Zone	1122	6	105	129	323	479	80	*
Dangur	83	*	*	11	16	*	*	*
Guba	220	4	61	49	69	36	-	*
Wenbera	95	*	*	4	38	*	*	*
Mandura	24	*	*	*	8	9	-	*
Dibate	279	*	*	*	35	168	46	*
Pawe	369	1	17	43	150	148	*	*
Bulen	52	*	*	*	*	31	*	*
Asosa Zone	3314	12	332	789	1129	913	*	*
Menge	871	2	61	233	299	244	15	*
Kurmak	69	*	11	13	19	25	-	*
Asosa	1149	4	*	*	376	305	*	*
Sherkole	117	1	34	33	34	*	-	*
Bambasi	209	*	10	34	70	80	*	*
Oda Godere	347	1	28	53	140	83	*	*
Komesha	450	2	38	104	149	138	*	*
Mao Komo Special	104	1	16	22	41	*	-	*
Kemeshi Zone	361	1	18	50	153	110	28	*
Yaso	84	*	4	7	26	46	-	*
Sirba Abav	55	*	5	19	21	*	-	*
Kamashi	64	-	1	4	21	23	14	*
Agalo Meti	28	*	3	8	3	*	*	*
Belo Jigonfo	130	*	4	12	83	28	2	*

TABLE 6.44.2: BELG

Geographic Area	Area Damaged by Crop Disease							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	8	2	4	*	-	-	-	*
Metekel Zone	*	*	*	*	-	-	-	*
Dangur	-	-	-	-	-	-	-	*
Guba	-	-	-	-	-	-	-	*
Wenbera	*	*	*	*	-	-	-	*
Mandura	-	-	-	-	-	-	-	*
Dibate	-	-	-	-	-	-	-	*
Pawe	*	*	-	-	-	-	-	*
Bulen	-	-	-	-	-	-	-	*
Asosa Zone	5	1	*	*	-	-	-	*
Menge	-	-	-	-	-	-	-	*
Kurmak	-	-	-	-	-	-	-	*
Asosa	*	*	*	-	-	-	-	*
Sherkole	-	-	-	-	-	-	-	*
Bambasi	*	*	*	*	-	-	-	*
Oda Godere	-	-	-	-	-	-	-	*
Komesha	*	*	-	-	-	-	-	*
Mao Komo Special	*	-	*	-	-	-	-	*
Kemeshi Zone	1	*	1	-	-	-	-	*
Yaso	-	-	-	-	-	-	-	*
Sirba Abav	-	-	-	-	-	-	-	*
Kamashi	1	*	1	-	-	-	-	*
Agalo Meti	-	-	-	-	-	-	-	*
Belo Jigonfo	-	-	-	-	-	-	-	*

TABLE 6.45: CROP AREA (HECTARES) DAMAGED BY FROST OR FLOODS AND TOTAL SIZE OF HOLDING IN RURAL AREAS, FOR PRIVATE HOLDINGS

Geographic Area	Area Damaged by Frost or Floods							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	2574	7	225	507	870	845	96	*
Metekel Zone	766	3	43	106	270	321	*	-
Dangur	168	*	5	13	69	*	*	-
Guba	156	1	11	24	60	52	*	-
Wenbera	211	*	11	46	71	81	*	-
Mandura	19	*	*	*	*	10	-	-
Dibate	54	-	4	*	*	37	*	-
Pawe	124	*	9	14	48	44	*	-
Bulen	34	-	*	*	*	20	*	-
Asosa Zone	1236	3	143	298	421	330	21	*
Menge	418	*	42	96	163	102	*	-
Kurmak	232	*	17	55	75	84	-	-
Asosa	53	*	*	*	20	*	-	-
Sherkole	95	1	30	31	25	*	-	-
Bambasi	182	1	19	35	48	54	*	*
Oda Godere	119	*	14	33	44	*	-	-
Komesha	36	-	7	16	12	*	*	-
Mao Komo Special	101	-	6	26	34	35	-	-
Kemeshi Zone	571	1	39	103	179	194	52	*
Yaso	52	*	5	5	17	13	12	-
Sirba Abav	68	*	10	15	29	15	-	-
Kamashi	201	*	4	30	41	82	40	*
Agalo Meti	76	*	10	22	36	8	-	-
Belo Jigonfo	174	-	10	31	58	75	-	-

TABLE 6.45.1: MEHER

Geographic Area	Area Damaged by Frost or Floods							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	2570	5	223	507	870	845	96	*
Metekel Zone	764	2	42	106	270	321	*	*
Dangur	168	*	5	13	69	*	*	*
Guba	156	1	11	24	60	52	*	*
Wenbera	209	*	10	46	71	81	*	*
Mandura	19	*	*	*	*	10	-	*
Dibate	54	-	4	*	*	37	*	*
Pawe	124	*	9	14	48	44	*	*
Bulen	34	-	*	*	*	20	*	*
Asosa Zone	1235	3	142	298	421	330	21	*
Menge	418	*	42	96	163	102	*	*
Kurmak	232	*	17	55	75	84	-	*
Asosa	53	-	*	*	20	*	-	*
Sherkole	95	1	30	31	25	*	-	*
Bambasi	181	*	19	35	48	54	*	*
Oda Godere	119	*	14	33	44	*	-	*
Komesha	36	-	7	16	12	*	*	*
Mao Komo Special	100	-	5	26	34	35	-	*
Kemeshi Zone	571	*	39	103	179	194	52	*
Yaso	52	*	5	5	17	13	12	*
Sirba Abav	68	*	10	15	29	15	-	*
Kamashi	200	-	4	30	41	82	40	*
Agalo Meti	76	*	10	22	36	8	-	*
Belo Jigonfo	174	-	10	31	58	75	-	*

TABLE 6.45.2: BELG

Geographic Area	Area Damaged by Frost or Floods							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	3	*	*	*	-	-	-	*
Metekel Zone	*	*	*	*	-	-	-	*
Dangur	-	-	-	-	-	-	-	*
Guba	-	-	-	-	-	-	-	*
Wenbera	*	*	*	*	-	-	-	*
Mandura	-	-	-	-	-	-	-	*
Dibate	-	-	-	-	-	-	-	*
Pawe	-	-	-	-	-	-	-	*
Bulen	-	-	-	-	-	-	-	*
Asosa Zone	*	*	*	-	-	-	-	*
Menge	-	-	-	-	-	-	-	*
Kurmak	-	-	-	-	-	-	-	*
Asosa	*	*	-	-	-	-	-	*
Sherkole	-	-	-	-	-	-	-	*
Bambasi	*	*	-	-	-	-	-	*
Oda Godere	-	-	-	-	-	-	-	*
Komesha	-	-	-	-	-	-	-	*
Mao Komo Special	*	-	*	-	-	-	-	*
Kemeshi Zone	*	*	-	-	-	-	-	*
Yaso	-	-	-	-	-	-	-	*
Sirba Abav	-	-	-	-	-	-	-	*
Kamashi	*	*	-	-	-	-	-	*
Agalo Meti	-	-	-	-	-	-	-	*
Belo Jigonfo	-	-	-	-	-	-	-	*

TABLE 6.46: CROP AREA (HECTARES) DAMAGED BY LOCUST AND TOTAL SIZE OF HOLDING IN RURAL AREAS, FOR PRIVATE HOLDINGS

Geographic Area	Area Damaged by Locust							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	6642	40	470	1050	2321	2454	276	*
Metekel Zone	3284	14	135	395	986	1527	202	*
Dangur	233	*	*	29	88	107	*	-
Guba	60	1	12	16	19	11	2	-
Wenbera	288	*	8	70	97	98	*	-
Mandura	502	*	37	115	220	120	*	-
Dibate	851	*	13	15	188	526	109	-
Pawe	727	9	44	107	257	298	*	-
Bulen	624	*	14	43	116	368	55	*
Asosa Zone	2154	22	230	457	941	474	28	-
Menge	275	1	31	80	113	51	*	-
Kurmak	328	2	49	52	99	116	*	-
Asosa	619	9	32	132	362	81	*	-
Sherkole	87	2	27	27	*	*	-	-
Bambasi	305	3	24	64	119	88	*	-
Oda Godere	276	3	40	54	119	60	-	-
Komesha	246	1	20	43	106	68	*	-
Mao Komo Special	18	*	7	5	*	*	-	-
Kemeshi Zone	1204	4	105	198	393	453	46	*
Yaso	262	3	48	46	52	99	14	-
Sirba Abav	180	*	25	47	73	35	-	-
Kamashi	322	-	7	22	95	163	31	*
Agalo Meti	254	*	22	63	118	50	-	-
Belo Jigonfov	185	-	4	20	55	106	-	-

TABLE 6.46.1: MEHER

Geographic Area	Area Damaged by Locust							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	6633	38	465	1049	2321	2454	276	*
Metekel Zone	3283	14	135	394	986	1527	202	*
Dangur	233	*	*	29	88	107	*	*
Guba	60	1	12	16	19	11	2	*
Wenbera	287	*	8	70	97	98	*	*
Mandura	502	*	37	115	220	120	*	*
Dibate	851	*	13	15	188	526	109	*
Pawe	727	9	44	107	257	298	*	*
Bulen	624	*	14	43	116	368	55	*
Asosa Zone	2148	19	228	457	941	474	28	*
Menge	275	1	31	80	113	51	*	*
Kurmak	328	2	49	52	99	116	*	*
Asosa	616	9	30	132	362	81	*	*
Sherkole	87	2	27	27	*	*	-	*
Bambasi	304	*	24	64	119	88	*	*
Oda Godere	275	3	40	54	119	60	-	*
Komesha	246	1	20	43	106	68	*	*
Mao Komo Special	17	-	6	*	*	*	-	*
Kemeshi Zone	1202	4	103	198	393	453	46	*
Yaso	262	3	48	46	52	99	14	*
Sirba Abav	180	*	25	47	73	35	-	*
Kamashi	320	-	5	22	95	163	31	*
Agalo Meti	254	*	22	63	118	50	-	*

Belo Jigonfo	185	-	4	20	55	106	-	*
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TABLE 6.46.2: BELG

Geographic Area	Area Damaged by Locust							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	9	3	5	*	-	-	-	*
Metekel Zone	*	*	*	*	-	-	-	*
Dangur	-	-	-	-	-	-	-	*
Guba	-	-	-	-	-	-	-	*
Wenbera	*	*	*	*	-	-	-	*
Mandura	-	-	-	-	-	-	-	*
Dibate	-	-	-	-	-	-	-	*
Pawe	*	*	-	-	-	-	-	*
Bulen	-	-	-	-	-	-	-	*
Asosa Zone	6	2	*	*	-	-	-	*
Menge	-	-	-	-	-	-	-	*
Kurmak	-	-	-	-	-	-	-	*
Asosa	*	1	*	-	-	-	-	*
Sherkole	-	-	-	-	-	-	-	*
Bambasi	*	*	*	-	-	-	-	*
Oda Godere	*	*	*	-	-	-	-	*
Komesha	*	*	*	-	-	-	-	*
Mao Komo Special	*	*	*	*	-	-	-	*
Kemeshi Zone	*	-	*	-	-	-	-	*
Yaso	-	-	-	-	-	-	-	*
Sirba Abav	-	-	-	-	-	-	-	*
Kamashi	*	-	*	-	-	-	-	*
Agalo Meti	-	-	-	-	-	-	-	*
Belo Jigonfo	-	-	-	-	-	-	-	*

TABLE 6.47: CROP AREA (HECTARES) DAMAGED BY SHORTAGE OF RAIN AND TOTAL SIZE OF HOLDING IN RURAL AREAS, FOR PRIVATE HOLDINGS

Geographic Area	Area Damaged by Shortage of Rain							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	1289	3	56	179	496	463	82	*
Metekel Zone	663	2	23	73	234	283	49	-
Dangur	*	-	*	*	*	*	-	-
Guba	4	-	*	*	*	-	-	-
Wenbera	255	*	13	34	146	54	*	-
Mandura	*	-	-	*	*	*	-	-
Dibate	174	-	-	*	*	136	*	-
Pawe	156	*	8	24	52	65	*	-
Bulen	63	-	-	*	*	27	*	-
Asosa Zone	490	*	22	91	241	105	*	*
Menge	3	-	*	*	*	*	-	-
Kurmak	*	-	-	-	*	-	-	-
Asosa	414	-	15	73	204	95	*	*
Sherkole	*	-	*	-	*	-	-	-
Bambasi	32	*	*	7	14	7	-	-
Oda Godere	21	-	*	*	10	*	*	-
Komesha	5	*	*	*	*	*	-	-
Mao Komo Special	*	-	*	*	*	*	-	-
Kemeshi Zone	136	*	11	15	21	75	*	-
Yaso	11	-	2	1	*	7	-	-
Sirba Abav	19	-	5	*	*	*	-	-
Kamashi	11	-	2	-	*	*	*	-
Agalo Meti	*	*	*	*	*	-	*	-
Belo Jigonfo	75	*	*	4	10	60	-	-

TABLE 6.47.1: MEHER

Geographic Area	Area Damaged by Shortage of Rain							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	1287	1	56	179	496	463	82	*
Metekel Zone	662	*	23	73	234	283	49	*
Dangur	*	-	*	*	*	*	-	*
Guba	4	-	*	*	*	-	-	*
Wenbera	254	*	12	34	146	54	*	*
Mandura	*	-	-	*	*	*	-	*
Dibate	174	-	-	*	*	136	*	*
Pawe	156	*	8	24	52	65	*	*
Bulen	63	-	-	*	*	27	*	*
Asosa Zone	489	*	22	91	241	105	*	*
Menge	3	-	*	*	*	*	-	*
Kurmak	*	-	-	-	*	-	-	*
Asosa	414	-	15	73	204	95	*	*
Sherkole	*	-	*	-	*	-	-	*
Bambasi	31	*	*	7	14	7	-	*
Oda Godere	21	-	*	*	10	*	*	*
Komesha	5	-	*	*	*	*	-	*
Mao Komo Special	*	-	*	*	*	*	-	*
Kemeshi Zone	136	*	11	15	21	75	*	*
Yaso	11	-	2	1	*	7	-	*
Sirba Abav	19	-	5	*	*	*	-	*
Kamashi	11	-	2	-	*	*	*	*
Agalo Meti	*	*	*	*	*	-	*	*
Belo Jigonfo	75	*	*	4	10	60	-	*

TABLE 6.47.2: BELG

Geographic Area	Area Damaged by Shortage of Rain							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	2	*	*	-	-	-	-	*
Metekel Zone	*	*	*	-	-	-	-	*
Dangur	-	-	-	-	-	-	-	*
Guba	-	-	-	-	-	-	-	*
Wenbera	*	*	*	-	-	-	-	*
Mandura	-	-	-	-	-	-	-	*
Dibate	-	-	-	-	-	-	-	*
Pawe	-	-	-	-	-	-	-	*
Bulen	-	-	-	-	-	-	-	*
Asosa Zone	*	*	*	-	-	-	-	*
Menge	-	-	-	-	-	-	-	*
Kurmak	-	-	-	-	-	-	-	*
Asosa	-	-	-	-	-	-	-	*
Sherkole	-	-	-	-	-	-	-	*
Bambasi	*	*	-	-	-	-	-	*
Oda Godere	-	-	-	-	-	-	-	*
Komesha	*	*	-	-	-	-	-	*
Mao Komo Special	*	-	*	-	-	-	-	*
Kemeshi Zone	-	-	-	-	-	-	-	*
Yaso	-	-	-	-	-	-	-	*
Sirba Abav	-	-	-	-	-	-	-	*
Kamashi	-	-	-	-	-	-	-	*
Agalo Meti	-	-	-	-	-	-	-	*
Belo Jigonfo	-	-	-	-	-	-	-	*

TABLE 6.48: CROP AREA (HECTARES) DAMAGED BY TOO MUCH RAIN AND TOTAL SIZE OF HOLDING IN RURAL AREAS, FOR PRIVATE HOLDINGS

Geographic Area	Area Damaged by Too Much Rain							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	1227	5	76	220	398	387	63	*
Metekel Zone	207	2	16	44	39	81	*	-
Dangur	42	*	3	*	*	*	-	-
Guba	*	-	-	*	-	-	-	-
Wenbera	56	*	*	*	*	*	-	-
Mandura	*	-	*	-	*	*	-	-
Dibate	49	*	*	*	1	20	*	-
Pawe	28	*	*	*	7	*	-	-
Bulen	*	-	-	*	*	*	*	-
Asosa Zone	757	4	48	132	278	185	*	*
Menge	*	-	*	7	*	*	*	-
Kurmak	27	-	*	*	*	*	*	-
Asosa	208	*	16	46	90	51	-	*
Sherkole	*	*	*	*	-	-	-	-
Bambasi	191	*	8	24	37	48	*	*
Oda Godere	85	*	7	16	25	37	-	-
Komesha	*	*	*	4	*	*	-	-
Mao Komo Special	193	*	11	36	86	39	*	-
Kemeshi Zone	262	*	12	44	81	121	4	-
Yaso	45	*	5	15	15	12	-	-
Sirba Abav	*	-	*	*	*	*	-	-
Kamashi	28	-	*	5	*	12	*	-
Agalo Meti	3	-	*	2	*	-	-	-
Belo Jigonfov	173	-	6	21	49	94	*	-

TABLE 6.48.1: MEHER

Geographic Area	Area Damaged by Too Much Rain							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	1225	4	76	220	398	387	63	*
Metekel Zone	207	*	16	44	39	81	*	*
Dangur	42	*	3	*	*	*	-	*
Guba	*	-	-	*	-	-	-	*
Wenbera	56	*	*	*	*	*	-	*
Mandura	*	-	*	-	*	*	-	*
Dibate	49	*	*	*	1	20	*	*
Pawe	28	*	*	*	7	*	-	*
Bulen	*	-	-	*	*	*	*	*
Asosa Zone	756	3	47	132	278	185	*	*
Menge	*	-	*	7	*	*	*	*
Kurmak	27	-	*	*	*	*	*	*
Asosa	208	*	16	46	90	51	-	*
Sherkole	*	*	*	*	-	-	-	*
Bambasi	190	*	8	24	37	48	*	*
Oda Godere	85	*	7	16	25	37	-	*
Komesha	*	-	*	4	*	*	-	*
Mao Komo Special	193	*	11	36	86	39	*	*
Kemeshi Zone	262	*	12	44	81	121	4	*
Yaso	45	*	5	15	15	12	-	*
Sirba Abav	*	-	*	*	*	*	-	*
Kamashi	28	-	*	5	*	12	*	*
Agalo Meti	3	-	*	2	*	-	-	*
Belo Jigonfov	173	-	6	21	49	94	*	*

TABLE 6.48.2: BELG

Geographic Area	Area Damaged by Too Much Rain							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	*	*	-	-	-	-	-	-
Metekel Zone	*	*	-	-	-	-	-	-
Dangur	*	*	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-	-
Pawe	*	*	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-	-
Asosa Zone	*	*	-	-	-	-	-	-
Menge	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-
Asosa	*	*	-	-	-	-	-	-
Sherkole	-	-	-	-	-	-	-	-
Bambasi	*	*	*	-	-	-	-	-
Oda Godere	*	*	-	-	-	-	-	-
Komesha	*	*	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-	-	-
Kemeshi Zone	-	-	-	-	-	-	-	-
Yaso	-	-	-	-	-	-	-	-
Sirba Abav	-	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-	-
Belo Jigonfo	-	-	-	-	-	-	-	-

TABLE 6.49: CROP AREA (HECTARES) DAMAGED BY WILD ANIMALS AND TOTAL SIZE OF HOLDING IN RURAL AREAS, FOR PRIVATE HOLDINGS

Geographic Area	Area Damaged by Wild Animals							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	618	6	50	102	233	201	25	-
Metekel Zone	173	2	5	14	44	91	16	-
Dangur	*	*	*	*	5	*	-	-
Guba	*	-	-	-	*	-	-	-
Wenbera	*	-	*	*	*	*	-	-
Mandura	*	-	-	*	-	-	-	-
Dibate	93	*	*	*	16	65	*	-
Pawe	39	*	*	*	18	*	*	-
Bulen	13	-	*	*	*	*	*	-
Asosa Zone	378	*	43	74	160	93	*	-
Menge	29	*	*	*	9	*	-	-
Kurmak	*	-	*	*	-	*	-	-
Asosa	*	*	*	*	*	*	*	-
Sherkole	*	-	-	-	*	-	-	-
Bambasi	5	*	*	*	3	*	*	-
Oda Godere	12	-	*	*	*	*	-	-
Komesha	139	*	19	23	61	*	-	-
Mao Komo Special	50	-	13	21	*	*	-	-
Kemeshi Zone	67	*	2	15	29	*	*	-
Yaso	15	*	1	5	*	*	-	-
Sirba Abav	-	-	-	-	-	-	-	-
Kamashi	*	-	-	-	*	-	*	-
Agalo Meti	*	-	*	*	-	*	-	-
Belo Jigonfo	49	*	1	7	27	*	*	-

TABLE 6.49.1: MEHER

Geographic Area	Area Damaged by Wild Animals							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	618	6	50	102	233	201	25	*
Metekel Zone	173	2	5	14	44	91	16	*
Dangur	*	*	*	*	5	*	-	*
Guba	*	-	-	-	*	-	-	*
Wenbera	*	-	*	*	*	*	-	*
Mandura	*	-	-	*	-	-	-	*
Dibate	93	*	*	*	16	65	*	*
Pawe	39	*	*	*	18	*	*	*
Bulen	13	-	*	*	*	*	*	*
Asosa Zone	378	*	43	74	160	93	*	*
Menge	29	*	*	*	9	*	-	*
Kurmak	*	-	*	*	-	*	-	*
Asosa	*	*	*	*	*	*	*	*
Sherkole	*	-	-	-	*	-	-	*
Bambasi	5	*	*	*	3	*	*	*
Oda Godere	12	-	*	*	*	*	-	*
Komesha	139	*	19	23	61	*	-	*
Mao Komo Special	50	-	13	21	*	*	-	*
Kemeshi Zone	67	*	2	15	29	*	*	*
Yaso	15	*	1	5	*	*	-	*
Sirba Abav	-	-	-	-	-	-	-	*
Kamashi	*	-	-	-	*	-	*	*
Agalo Meti	*	-	*	*	-	*	-	*
Belo Jigonfo	49	*	1	7	27	*	*	*

TABLE 6.50: CROP AREA (HECTARES) DAMAGED BY HAIL STONE AND TOTAL SIZE OF HOLDING IN RURAL AREAS, FOR PRIVATE HOLDINGS

Geographic Area	Area Damaged by Hail Stone							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	798	3	28	94	225	430	18	-
Metekel Zone	749	3	27	84	198	420	18	-
Dangur	*	*	*	*	31	*	*	-
Guba	32	*	5	8	8	*	*	-
Wenbera	*	-	*	*	*	*	-	-
Mandura	*	-	-	-	*	-	-	-
Dibate	90	-	-	*	*	71	*	-
Pawe	384	*	17	36	131	197	*	-
Bulen	*	-	*	-	*	*	-	-
Asosa Zone	44	*	*	*	26	*	-	-
Menge	*	-	-	*	*	-	-	-
Kurmak	*	-	*	*	*	-	-	-
Asosa	15	-	-	*	*	*	-	-
Sherkole	*	-	*	-	-	-	-	-
Bambasi	4	-	*	*	*	*	-	-
Oda Godere	*	*	-	*	*	*	-	-
Komesha	4	-	-	-	4	-	-	-
Mao Komo Special	*	-	*	*	-	-	-	-
Kemeshi Zone	5	-	1	1	*	*	-	-
Yaso	3	-	*	1	-	*	-	-
Sirba Abav	*	-	*	*	-	-	-	-
Kamashi	-	-	-	-	-	-	-	-
Agalo Meti	*	-	*	*	*	-	-	-

Belo Jigonfov	*	-	-	*	-	-	-	-
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TABLE 6.50.1: MEHER

Geographic Area	Area Damaged by Hail Stone							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	798	3	28	94	225	430	18	*
Metekel Zone	749	3	27	84	198	420	18	*
Dangur	*	*	*	*	31	*	*	*
Guba	32	*	5	8	8	*	*	*
Wenbera	*	-	*	*	*	*	-	*
Mandura	*	-	-	-	*	-	-	*
Dibate	90	-	-	*	*	71	*	*
Pawe	384	*	17	36	131	197	*	*
Bulen	*	*	*	-	*	*	-	*
Asosa Zone	44	*	*	*	26	*	-	*
Menge	*	-	-	*	*	-	-	*
Kurmak	*	-	*	*	*	-	-	*
Asosa	15	-	-	*	*	*	-	*
Sherkole	*	-	*	-	-	-	-	*
Bambasi	4	-	*	*	*	*	-	*
Oda Godere	*	*	-	*	*	*	-	*
Komesha	4	-	-	-	4	-	-	*
Mao Komo Special	*	-	*	*	-	-	-	*
Kemeshi Zone	5	-	1	1	*	*	-	*
Yaso	3	-	*	1	-	*	-	*
Sirba Abav	*	-	*	*	-	-	-	*
Kamashi	-	-	-	-	-	-	-	*
Agalo Meti	*	-	*	*	*	-	-	*
Belo Jigonfov	*	-	-	*	-	-	-	*

TABLE 6.51: CROP AREA (HECTARES) DAMAGED BY INSECT AND PESTS AND TOTAL SIZE OF HOLDING IN RURAL AREAS, FOR PRIVATE HOLDINGS

Geographic Area	Area Damaged by Insect and Pests							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	51	*	5	2	15	25	-	*
Metekel Zone	*	-	-	*	*	*	-	-
Dangur	-	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-	-
Pawe	*	-	-	*	*	-	-	-
Bulen	*	-	-	*	*	*	-	-
Asosa Zone	35	*	4	2	9	17	-	*
Menge	*	-	*	*	*	*	-	-
Kurmak	21	-	*	-	*	*	-	-
Asosa	*	-	-	-	*	*	-	-
Sherkole	-	-	-	-	-	-	-	-
Bambasi	*	*	*	-	*	*	-	*
Oda Godere	*	-	-	*	*	-	-	-
Komesha	*	-	*	*	*	-	-	-
Mao Komo Special	*	-	*	*	-	-	-	-
Kemeshi Zone	4	-	*	-	*	*	-	-
Yaso	-	-	-	-	-	-	-	-
Sirba Abav	*	-	*	-	*	-	-	-
Kamashi	*	-	-	-	*	*	-	-

Agalo Meti	-	-	-	-	-	-	-	-
Belo Jefonfoy	*	-	-	-	*	-	-	-

TABLE 6.51.1: MEHER

Geographic Area	Area Damaged by Insect and Pests							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	51	-	5	2	15	25	-	*
Metekel Zone	*	-	-	*	*	*	-	*
Dangur	-	-	-	-	-	-	-	*
Guba	-	-	-	-	-	-	-	*
Wenbera	-	-	-	-	-	-	-	*
Mandura	-	-	-	-	-	-	-	*
Dibate	-	-	-	-	-	-	-	*
Pawe	*	-	-	*	*	-	-	*
Bulen	*	-	-	*	*	*	-	*
Asosa Zone	35	-	4	2	9	17	-	*
Menge	*	-	*	*	*	*	-	*
Kurmak	21	-	*	-	*	*	-	*
Asosa	*	-	-	-	*	*	-	*
Sherkole	-	-	-	-	-	-	-	*
Bambasi	*	-	*	-	*	*	-	*
Oda Godere	*	-	-	*	*	-	-	*
Komesha	*	-	*	*	*	-	-	*
Mao Komo Special	*	-	*	*	-	-	-	*
Kemeshi Zone	4	-	*	-	*	*	-	*
Yaso	-	-	-	-	-	-	-	*
Sirba Abav	*	-	*	-	*	-	-	*
Kamashi	*	-	-	-	*	*	-	*
Agalo Meti	-	-	-	-	-	-	-	*
Belo Jefonfoy	*	-	-	-	*	-	-	*

TABLE 6.52: CROP AREA (HECTARES) DAMAGED BY WEEDS AND TOTAL SIZE OF HOLDING IN RURAL AREAS, FOR PRIVATE HOLDINGS

Geographic Area	Area Damaged by Weeds							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	598	2	66	105	178	186	40	*
Metekel Zone	128	-	*	*	14	88	*	*
Dangur	*	-	*	-	*	*	-	-
Guba	*	-	-	*	*	-	-	-
Wenbera	*	-	-	*	*	*	*	-
Mandura	*	-	*	*	-	*	-	-
Dibate	66	-	*	-	*	45	*	*
Pawe	11	-	*	*	*	*	-	-
Bulen	*	-	*	-	*	*	-	-
Asosa Zone	317	2	49	87	87	69	*	*
Menge	78	-	*	24	37	6	-	-
Kurmak	*	-	*	*	*	*	-	-
Asosa	*	*	*	*	16	*	-	*
Sherkole	45	*	14	15	*	-	-	-
Bambasi	47	*	*	*	9	26	*	-
Oda Godere	8	-	*	*	*	*	-	-
Komesha	7	*	*	*	*	3	-	-
Mao Komo Special	*	-	-	*	*	*	-	-
Kemeshi Zone	153	*	16	15	77	29	17	*
Yaso	58	*	12	11	17	*	*	-
Sirba Abav	1	-	*	*	*	-	-	-
Kamashi	14	-	*	*	*	6	*	*

Agalo Meti	5	*	2	*	2	*	-	-
Belo Jigonfo	75	*	1	3	54	4	*	-

TABLE 6.52.1: MEHER

Geographic Area	Area Damaged by Weeds							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	596	1	66	105	178	186	40	*
Metekel Zone	128	-	*	*	14	88	*	*
Dangur	*	-	*	-	*	*	-	*
Guba	*	-	-	*	*	-	-	*
Wenbera	*	-	-	*	*	*	*	*
Mandura	*	-	*	*	-	*	-	*
Dibate	66	-	*	-	*	45	*	*
Pawe	11	-	*	*	*	*	-	*
Bulen	*	-	*	-	*	*	-	*
Asosa Zone	316	*	48	87	87	69	*	*
Menge	78	-	*	24	37	6	-	*
Kurmak	*	-	*	*	*	*	-	*
Asosa	*	-	*	*	16	*	-	*
Sherkole	45	*	14	15	*	-	-	*
Bambasi	47	-	*	*	9	26	*	*
Oda Godere	8	-	*	*	*	*	-	*
Komesha	7	-	*	*	*	3	-	*
Mao Komo Special	*	-	-	*	*	*	-	*
Kemeshi Zone	153	*	16	15	77	29	17	*
Yaso	58	*	12	11	17	*	*	*
Sirba Abav	1	-	*	*	*	-	-	*
Kamashi	14	-	*	*	*	6	*	*
Agalo Meti	5	*	2	*	2	*	-	*
Belo Jigonfo	75	*	1	3	54	4	*	*

TABLE 6.52.2: BELG

Geographic Area	Area Damaged by Weeds							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	1	*	*	-	-	-	-	-
Metekel Zone	-	-	-	-	-	-	-	-
Dangur	-	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-	-
Pawe	-	-	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-	-
Asosa Zone	*	*	*	-	-	-	-	-
Menge	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-
Asosa	*	*	-	-	-	-	-	-
Sherkole	-	-	-	-	-	-	-	-
Bambasi	*	*	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-	-	-
Komesha	-	-	-	-	-	-	-	-
Mao Komo Special	-	-	-	-	-	-	-	-
Kemeshi Zone	-	-	-	-	-	-	-	-
Yaso	-	-	-	-	-	-	-	-
Sirba Abav	-	-	-	-	-	-	-	-
Kamashi	-	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-	-

Belo Jigonfov	-	-	-	-	-	-	-	-
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TABLE 6.53: CROP AREA (HECTARES) DAMAGED BY OTHER CAUSE AND TOTAL SIZE OF HOLDING IN RURAL AREAS, FOR PRIVATE HOLDINGS

Geographic Area	Area Damaged by Other Causes							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	16	3	3	*	*	*	-	-
Metekel Zone	*	*	*	-	-	*	-	-
Dangur	*	-	-	-	-	*	-	-
Guba	-	-	-	-	-	-	-	-
Wenbera	*	-	*	-	-	-	-	-
Mandura	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-	-
Pawe	*	*	-	-	-	*	-	-
Bulen	-	-	-	-	-	-	-	-
Asosa Zone	10	2	2	*	*	*	-	-
Menge	*	-	-	-	*	-	-	-
Kurmak	-	-	-	-	-	-	-	-
Asosa	5	2	*	*	*	-	-	-
Sherkole	*	-	*	-	-	-	-	-
Bambasi	*	*	*	-	-	-	-	-
Oda Godere	*	-	-	-	-	*	-	-
Komesha	*	*	-	*	-	-	-	-
Mao Komo Special	1	*	*	*	-	*	-	-
Kemeshi Zone	*	*	*	-	*	*	-	-
Yaso	-	-	-	-	-	-	-	-
Sirba Abay	*	-	-	-	-	*	-	-
Kamashi	*	*	*	-	*	-	-	-
Agalo Meti	-	-	-	-	-	-	-	-
Belo Jigonfov	*	*	-	-	*	-	-	-

TABLE 6.53.1: MEHER

Geographic Area	Area Damaged by Other Causes							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	11	*	*	*	*	*	-	*
Metekel Zone	*	-	*	-	-	*	-	*
Dangur	*	-	-	-	-	*	-	*
Guba	-	-	-	-	-	-	-	*
Wenbera	*	-	*	-	-	-	-	*
Mandura	-	-	-	-	-	-	-	*
Dibate	-	-	-	-	-	-	-	*
Pawe	*	-	-	-	-	*	-	*
Bulen	-	-	-	-	-	-	-	*
Asosa Zone	*	-	*	*	*	*	-	*
Menge	*	-	-	-	*	-	-	*
Kurmak	-	-	-	-	-	-	-	*
Asosa	*	-	-	*	*	-	-	*
Sherkole	*	-	*	-	-	-	-	*
Bambasi	-	-	-	-	-	-	-	*
Oda Godere	*	-	-	-	-	*	-	*
Komesha	*	-	-	*	-	-	-	*
Mao Komo Special	*	-	-	-	-	*	-	*
Kemeshi Zone	*	*	*	-	*	*	-	*
Yaso	-	-	-	-	-	-	-	*
Sirba Abay	*	-	-	-	-	*	-	*
Kamashi	*	-	*	-	*	-	-	*

Agalo Meti	-	-	-	-	-	-	-	*
Belo Jegonfoy	*	*	-	-	*	-	-	*

TABLE 6.53.2: BELG

Geographic Area	Area Damaged by Other Causes							
	Size of Holding (Hectares)							
	All	Under 0.1	0.1-0.5	0.51-1.00	1.01-2.00	2.01-5.00	5.01-10.00	Over 10
Benshangul-Gumuz	5	3	2	*	-	-	-	-
Metekel Zone	*	*	*	-	-	-	-	-
Dangur	-	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-
Wenbera	*	-	*	-	-	-	-	-
Mandura	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-	-
Pawe	*	*	-	-	-	-	-	-
Bulen	-	-	-	-	-	-	-	-
Asosa Zone	4	3	2	*	-	-	-	-
Menge	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-
Asosa	3	2	*	-	-	-	-	-
Sherkole	-	-	-	-	-	-	-	-
Bambasi	1	*	*	-	-	-	-	-
Oda Godere	-	-	-	-	-	-	-	-
Komesha	*	*	*	-	-	-	-	-
Mao Komo Special	*	*	*	*	-	-	-	-
Kemeshi Zone	*	*	-	-	-	-	-	-
Yaso	-	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-	-
Kamashi	*	*	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-	-
Belo Jegonfoy	-	-	-	-	-	-	-	-

TABLE 6.54:NUMBER OF AGRICULTURAL HOLDERS APPLYING IRRIGATION BY
SOURCE OF WATER IN RURAL AREAS, FOR PRIVATE HOLDINGS

Geographic Level	Source of Water			
	River	Lake	Pond	Others
Benshangul-Gumuz	9816	1344	271	195
Metekel Zone	2662	403	*	*
Dangur	*	114	-	*
Guba	-	*	-	-
Wenbera	2099	111	*	-
Mandura	*	*	-	-
Dibate	*	84	-	*
Pawe	377	61	-	*
Bulen	*	*	*	-
Asosa Zone	6708	726	232	*
Menge	51	120	-	-
Kurmak	*	104	-	-
Asosa	4994	140	*	*
Sherkole	-	59	-	-
Bambasi	1207	157	*	*
Oda Godere	*	46	-	-

Komesha	272	99	*	-
Mao Komo Special	135	-	-	-
Kemeshi Zone	446	215	*	*
Yaso	-	22	-	-
Sirba Abay	*	*	-	-
Kamashi	127	22	-	-
Agalo Meti	217	*	*	-
Belo Jegonfoy	87	93	-	*

TABLE 6.55:NUMBER OF AGRICULTURAL HOLDERS IMPROVING SOIL FERTILITY
BY METHOD OF APPLICATION IN RURAL AREAS, FOR PRIVATE HOLDINGS

Geographic Level	Method to Improve Soil Fertility	
	Crop Rotation	Burning of Soil
Benshangul-Gumuz	71931	10679
Metekel Zone	31854	7964
Dangur	3458	414
Guba	1016	249
Wenbera	3665	1706
Mandura	5341	306
Dibate	7714	2114
Pawe	6881	2748
Bulen	3779	426
Asosa Zone	29804	2441
Menge	722	127
Kurmak	543	*
Asosa	13999	1428
Sherkole	353	*
Bambasi	7261	536
Oda Godere	2367	*
Komesha	979	41
Mao Komo Special	3581	239
Kemeshi Zone	10273	274
Yaso	2934	56
Sirba Abay	376	*
Kamashi	1302	-
Agalo Meti	582	-
Belo Jegonfoy	5079	176

TABLE 6.56: NUMBER OF HOLDERS BY REASON FOR NOT USING CHEMICAL FERTILIZER IN
RURAL AREAS, FOR PRIVATE HOLDINGS

Geographic Level	Reason for not Using Chemical Fertilizer						
	Do not Know the Advantage	Too Expensive	Shortage of Money	Insufficient Supply	No Credit Service	Suspicious of its Efficiency	Others
Benshangul-Gumuz	34066	12459	66023	10606	548	1265	20783
Metekel Zone	15899	3253	21278	3533	182	251	9130
Dangur	2598	321	2320	658	*	*	1825
Guba	1704	263	743	1209	15	*	179
Wenbera	3014	647	2675	796	*	62	934
Mandura	2898	211	1583	203	-	*	1114
Dibate	2703	572	4224	346	93	54	3227
Pawe	797	865	7535	277	*	*	1009
Bulen	2186	374	2197	46	*	*	842
Asosa Zone	12222	7710	36793	5895	342	568	6348
Menge	1651	373	5728	958	*	-	1277
Kurmak	711	*	1545	1269	*	-	295
Asosa	5962	3383	12679	1215	*	*	2420
Sherkole	959	555	1743	744	*	31	187
Bambasi	568	1907	5446	715	*	*	461
Oda Godere	873	676	3861	183	*	*	477

Komesha	542	110	2320	380	-	*	220
Mao Komo Special	956	652	3472	431	*	*	1011
Kemeshi Zone	5945	1495	7951	1178	24	446	5305
Yaso	1433	83	875	189	-	*	890
Sirba Abay	515	*	1111	359	*	*	417
Kamashi	530	394	1422	63	*	85	1560
Agalo Meti	1464	185	1024	313	-	-	981
Belo Jegonfof	2002	787	3520	254	6	323	1457

TABLE 6.57:NUMBER OF AGRICULTURAL HOLDERS BY PLOWING METHOD
IN RURAL AREAS, FOR PRIVATE HOLDINGS

Geographic Level	Method of Plowing				
	Hand	Ox/Horse	Tractor	Hand Dung	Tractor
	Dung	Driven		and Ox/Horse	and Ox/horse
				Driven	Driven
Benshangul-Gumuz	66984	30664	-	23116	*
Metekel Zone	23087	16830	-	6705	*
Dangur	4082	1082	-	986	-
Guba	3610	10	-	-	-
Wenbera	4127	2744	-	1855	-
Mandura	4599	752	-	73	-
Dibate	2749	4129	-	2058	*
Pawe	1269	6126	-	1199	-
Bulen	2652	1987	-	535	-
Asosa Zone	31876	11688	-	12158	*
Menge	7717	*	-	760	-
Kurmak	3636	*	-	*	-
Asosa	4929	5232	-	7322	-
Sherkole	4354	47	-	-	*
Bambasi	2719	3662	-	2131	-
Oda Godere	4062	709	-	1219	-
Komesha	2762	96	-	55	-
Mao Komo Special	1697	1873	-	661	-
Kemeshi Zone	12021	2146	-	4252	*
Yaso	2747	269	-	624	*
Sirba Abay	2300	49	-	141	-
Kamashi	1919	324	-	483	-
Agalo Meti	2968	*	-	497	-
Belo Jegonfof	2087	1463	-	2507	-

TABLE 6.58:NUMBER OF AGRICULTURAL HOLDERS BY METHOD OF
SOIL CONSERVATION IN RURAL AREAS, FOR PRIVATE HOLDINGS

Geographic Level	Method of Soil Conservation				
	Terracing	Water Catchment	Afforestation	Plowing along The Counter	Others
Benshangul-Gumuz	4586	10895	247	37784	3520
Metekel Zone	1655	2187	209	18731	1145
Dangur	*	287	*	1504	*
Guba	-	*	-	*	-
Wenbera	*	*	*	4258	822
Mandura	*	*	-	587	*
Dibate	366	255	*	4782	124
Pawe	595	1483	87	5308	*
Bulen	*	*	*	2289	*
Asosa Zone	2320	8423	*	13036	2325
Menge	315	*	-	*	*
Kurmak	502	75	*	*	*
Asosa	581	5998	-	6140	1050
Sherkole	*	*	-	*	*
Bambasi	504	1005	-	4098	544
Oda Godere	*	700	-	1061	*
Komesha	210	138	*	131	35

Mao Komo	146	243	-	1526	539
Kemeshi Zone	611	284	-	6016	50
Yaso	-	*	-	840	-
Sirba Abay	*	*	-	*	-
Kamashi	*	86	-	1058	-
Agalo Meti	-	-	-	507	44
Belo Jefonfo	583	179	-	3468	*

TABLE 6.59: NUMBER OF AGRICULTURAL HOLDERS PRACTICING EXTENSION PACKAGES BY TYPE IN RURAL AREAS, FOR PRIVATE HOLDINGS

Geographic Level	Rain Shortage Areas	Rain Abundant Areas	Post Harvest Technology	Livestock Development	Economically Important Crops	Any two or more packages
Benshangul-Gumuz	1137	9156	658	*	979	240
Metekel Zone	104	2754	658	*	776	81
Dangur	*	*	*	-	130	-
Guba	*	-	-	-	-	-
Wenbera	-	*	-	-	*	-
Mandura	-	180	*	-	*	-
Dibate	*	1472	*	-	*	*
Pawe	*	351	256	*	295	*
Bulen	-	427	*	-	*	*
Asosa Zone	470	4842	-	*	*	*
Menge	*	209	-	-	*	-
Kurmak	*	*	-	-	-	-
Asosa	*	2248	-	*	*	*
Sherkole	*	*	-	-	-	-
Bambasi	*	1067	-	-	-	*
Oda Godere	117	116	-	-	-	-
Komesha	-	312	-	-	-	-
Mao Komo Special	*	822	-	-	-	-
Kemeshi Zone	563	1560	-	-	109	29
Yaso	-	-	-	-	-	-
Sirba Abay	*	165	-	-	-	-
Kamashi	384	41	-	-	-	21
Agalo Meti	91	-	-	-	-	-
Belo Jefonfo	78	1354	-	-	109	*

TABLE 6.60: NUMBER OF HOLDERS BY REASON FOR NOT BEING COVERED BY EXTENSION PROGRAM IN RURAL AREAS, FOR PRIVATE HOLDINGS

Geographic Level	Reason for not Being Covered by Extension Program					
	Do not Know the Advantage	Shortage of Money	Suspicious of its Efficiency	Program not	Insufficient Arable Land	Others
				Available		
Benshangul-Gumuz	27332	63435	5058	8643	3212	4624
Metekel Zone	14817	19016	2021	4336	2042	1395
Dangur	2876	2112	-	*	210	*
Guba	2223	483	45	963	-	*
Wenbera	2784	2786	414	1767	601	*
Mandura	3241	945	-	897	*	*
Dibate	1422	4289	914	*	654	495
Pawe	213	6310	604	*	469	144
Bulen	2059	2091	*	377	*	*
Asosa Zone	7392	36853	1890	3326	696	2004
Menge	1627	5847	*	627	*	234
Kurmak	1092	2060	78	468	64	106
Asosa	1438	11728	798	*	150	347
Sherkole	1024	2171	290	731	130	231
Bambasi	590	5589	387	298	161	602
Oda Godere	923	4471	145	257	*	270

Komesha	407	2021	68	147	*	94
Mao Komo Special	290	2966	97	*	103	121
Kemeshi Zone	5123	7565	1147	980	473	1224
Yaso	1882	739	479	322	-	344
Sirba Abay	779	1053	-	410	-	157
Kamashi	539	986	357	28	*	388
Agalo Meti	1462	1886	122	119	77	-
Belo Jegonfof	460	2902	189	100	388	334

TABLE 6.61: NUMBER OF AGRICULTURAL HOLDERS WHO USE SERVICES
IN RURAL AREAS, FOR PRIVATE HOLDINGS

Geographic Level	Service Type			
	Credit Service	%	Advisory Service	%
Benshangul-Gumuz	8396	100.00	17458	100.00
Metekel Zone	2614	31.13	6106	34.98
Dangur	*	*	546	3.13
Guba	-	-	145	0.83
Wenbera	520	6.19	1080	6.19
Mandura	184	2.19	268	1.54
Dibate	977	11.64	1090	6.24
Pawe	473	5.63	1515	8.68
Bulen	432	5.15	1462	8.37
Asosa Zone	3724	44.35	8817	50.50
Menge	273	3.25	136	0.78
Kurmak	*	*	84	0.48
Asosa	1777	21.16	5362	30.71
Sherkole	*	*	*	*
Bambasi	413	4.92	944	5.41
Oda Godere	182	2.17	493	2.82
Komesha	234	2.79	651	3.73
Mao Komo Special	785	9.35	1098	6.29
Kemeshi Zone	2058	24.51	2534	14.51
Yaso	-	-	123	0.70
Sirba Abay	134	1.60	275	1.58
Kamashi	469	5.59	499	2.86
Agalo Meti	171	2.04	239	1.37
Belo Jegonfof	1284	15.29	1398	8.01

TABLE 6.62: NUMBER OF HOLDERS BY SOURCE OF CHEMICAL FERTILIZERS AND COST OF
CHEMICAL FERTILIZERS IN RURAL AREAS, FOR PRIVATE HOLDINGS

Geographic Level	Number of Holders by Source of Chemical Fertilizer						Cost of Chemical Fertilizer (Birr/Quintal)	
	Government	Private Organization	Traders	Others	Do not buy	Not Reporting	DAP	UREA
Benshangul-Gumuz	13052	458	2555	*	104320	2323	293	257
Metekel Zone	5510	129	1463	*	39406	1272	131	106
Dangur	687	*	*	-	5422	*	14	12
Guba	*	*	-	-	3613	140	*	*
Wenbera	1114	*	1112	-	6428	*	42	26
Mandura	243	*	-	-	5146	58	5	4
Dibate	1708	*	*	-	7163	89	33	31
Pawe	1321	73	263	*	6936	646	28	23
Bulen	431	-	*	-	4698	*	9	9
Asosa Zone	5135	244	1051	*	49213	888	115	105
Menge	224	*	-	-	8188	74	4	4
Kurmak	66	*	-	-	3610	*	1	1
Asosa	2530	*	825	*	14055	*	63	51

Sherkole	*	23	-	-	4337	*	*	*
Bambasi	901	*	190	*	7373	220	18	20
Oda Godere	216	*	-	-	5761	*	5	5
Komesha	281	*	*	*	2559	*	6	6
Mao Komo	886	*	-	-	3331	*	17	18
Kemeshi Zone	2407	86	*	-	15701	164	47	47
Yaso	-	*	-	-	3655	*	-	-
Sirba Abay	146	*	-	-	2324	*	3	3
Kamashi	453	24	-	-	2259	27	9	9
Agalo Meti	178	*	*	-	3253	65	4	3
Belo Jegonfoy	1629	-	-	-	4210	42	32	32

TABLE 6.63: NUMBER OF HOLDERS WHO PRACTICE BELG FROM 1999/2000 TO 2001/02
IN URBAN AREAS, FOR PRIVATE HOLDINGS

Geographic	Holders who Practice Belg from 1999/2000 to 2001/02					
	Total	Male	%	Female	%	
Benshangul-Gumuz	101	96	95.05	*	*	*
Metekel Zone	39	36	92.31	*	*	*
Dangur	32	28	87.5	*	*	*
Guba	-	-	-	-	-	-
Wenbera	*	*	*	-	-	-
Mandura	-	-	-	-	-	-
Dibate	-	-	-	-	-	-
Pawe	*	*	*	-	-	-
Bulen	-	-	-	-	-	-
Asosa Zone	61	61	100	*	*	*
Menge	3	3	100	-	-	-
Kurmak	-	-	-	-	-	-
Asosa	23	22	95.65	*	*	*
Bambasi	35	35	100	-	-	-

TABLE 6.64: NUMBER OF HOLDERS WHO PRACTICE IRRIGATION BY SOURCE OF WATER IN
URBAN AREAS, FOR PRIVATE HOLDINGS

Geographic Level	Holders who Practice Irrigation in Meher Season					
	River	Lake	Well	Tap Water	Others	Not Stated
Benshangul-Gumuz	147	57	*	33	29	*
Metekel Zone	81	36	*	33	24	*
Dangur	22	*	*	-	17	*
Guba	-	-	-	19	-	-
Wenbera	35	*	-	-	-	-
Mandura	-	-	-	-	-	-
Dibate	*	8	-	*	-	-
Pawe	*	*	-	*	*	-
Bulen	*	*	-	-	*	-
Asosa Zone	66	22	-	-	*	*
Menge	2	-	-	-	-	-
Kurmak	-	-	-	-	-	-
Asosa	*	*	-	-	*	*
Bambasi	38	17	-	-	-	*

TABLE 6.65: NUMBER OF HOLDERS PARTICIPATING IN CROP SPECIFIC EXTENSION PACKAGE AND
AREA UNDER CROP SPECIFIC EXTENSION PACKAGE FOR RURAL AREAS IN MEHER SEASON

Geographic	All crops	Teff	Barley	Wheat
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Level	Holder	Hectare	Holder	Hectare	Holder	Hectare	Holder	Hectare
Benshangul-Gumuz	5563	2347	203	68	52	*	*	*
Metekel Zone	2138	982	*	*	*	*	*	*
Dangur	*	*	-	-	-	-	-	-
Guba	36	26	-	-	-	-	-	-
Wenbera	*	165	*	*	*	*	*	*
Mandura	178	60	*	*	-	-	-	-
Dibate	938	447	*	*	-	-	-	-
Pawe	348	112	-	-	*	*	-	-
Bulen	84	31	-	-	-	-	-	-
Asosa Zone	2572	932	174	*	*	*	*	*
Menge	218	105	-	-	-	-	-	-
Kurmak	98	68	-	-	-	-	-	-
Asosa	1231	414	162	*	-	-	-	-
Sherkole	34	*	*	*	-	-	-	-
Bambasi	197	56	-	-	-	-	-	-
Oda Godere	85	*	-	-	-	-	-	-
Komesha	246	106	-	-	-	-	-	-
Mao Komo	464	149	*	*	*	*	*	*
Kemeshi Zone	852	432	-	-	*	*	-	-
Yaso	*	*	-	-	-	-	-	-
Sirba Abay	71	28	-	-	-	-	-	-
Kamashi	229	104	-	-	-	-	-	-
Agalo Meti	*	*	-	-	-	-	-	-
Belo Jegonfoy	520	294	-	-	*	*	-	-
	Maize		Sorghum		Rice		Field peas	
	Holder	Hectare	Holder	Hectare	Holder	Hectare	Holder	Hectare
Benshangul-Gumuz	4885	1919	444	205	*	*	-	-
Metekel Zone	1860	814	88	*	*	*	-	-
Dangur	*	*	*	*	-	-	-	-
Guba	-	-	36	18	-	-	-	-
Wenbera	*	*	*	*	-	-	-	-
Mandura	124	44	*	*	-	-	-	-
Dibate	906	397	*	*	-	-	-	-
Pawe	267	90	-	-	*	*	-	-
Bulen	68	28	*	*	-	-	-	-
Asosa Zone	2202	707	324	107	-	-	-	-
Menge	114	38	107	*	-	-	-	-
Kurmak	84	*	60	31	-	-	-	-
Asosa	1094	334	*	*	-	-	-	-
Sherkole	*	*	*	*	-	-	-	-
Bambasi	163	55	-	-	-	-	-	-
Oda Godere	85	*	-	-	-	-	-	-
Komesha	225	79	40	21	-	-	-	-
Mao Komo	432	141	*	*	-	-	-	-
Kemeshi Zone	824	398	31	*	-	-	-	-
Yaso	*	*	-	-	-	-	-	-
Sirba Abay	63	22	*	*	-	-	-	-
Kamashi	217	96	*	*	-	-	-	-
Agalo Meti	*	*	-	-	-	-	-	-
Belo Jegonfoy	511	276	*	*	-	-	-	-

TABLE 6.65: CONTD.

Geographic Level	Haricot beans		Chick peas		Lentils		Neug	
	Holder	Hectare	Holder	Hectare	Holder	Hectare	Holder	Hectare
Benshangul-Gumuz	541	53	-	-	-	-	137	21
Metekel Zone	146	20	-	-	-	-	*	*
Dangur	-	-	-	-	-	-	-	-
Guba	32	5	-	-	-	-	-	-
Wenbera	*	*	-	-	-	-	-	-
Mandura	50	4	-	-	-	-	*	*
Dibate	*	*	-	-	-	-	-	-
Pawe	*	*	-	-	-	-	*	*
Bulen	-	-	-	-	-	-	*	*
Asosa Zone	356	30	-	-	-	-	97	10

Menge	73	*	-	-	-	-	*	*
Kurmak	*	*	-	-	-	-	*	*
Asosa	*	*	-	-	-	-	*	*
Sherkole	-	-	-	-	-	-	-	-
Bambasi	*	*	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-	-	-
Komesha	*	*	-	-	-	-	*	*
Mao Komo	*	*	-	-	-	-	-	-
Kemeshi Zone	39	*	-	-	-	-	*	*
Yaso	-	-	-	-	-	-	-	-
Sirba Abay	*	*	-	-	-	-	-	-
Kamashi	26	*	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-	-
Belo Jegonfoy	-	-	-	-	-	-	*	*
	Linseed		Ground nuts		Sesame		Rapeseed	
	Holder	Hectare	Holder	Hectare	Holder	Hectare	Holder	Hectare
Benshangul-Gumuz	*	*	42	*	214	39	*	*
Metekel Zone	-	-	*	*	*	*	*	*
Dangur	-	-	-	-	-	-	-	-
Guba	-	-	-	-	*	*	-	-
Wenbera	-	-	-	-	*	*	*	*
Mandura	-	-	-	-	*	*	*	*
Dibate	-	-	-	-	-	-	-	-
Pawe	-	-	*	*	-	-	-	-
Bulen	-	-	-	-	-	-	-	-
Asosa Zone	*	*	*	*	159	22	*	*
Menge	-	-	*	*	113	19	-	-
Kurmak	-	-	-	-	*	*	-	-
Asosa	*	*	-	-	-	-	-	-
Sherkole	-	-	-	-	*	*	-	-
Bambasi	-	-	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-	-	-
Komesha	-	-	*	*	*	*	-	-
Mao Komo	-	-	-	-	*	*	*	*
Kemeshi Zone	-	-	*	*	32	9	-	-
Yaso	-	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	*	*	-	-
Kamashi	-	-	*	*	15	*	-	-
Agalo Meti	-	-	*	*	-	-	-	-
Belo Jegonfoy	-	-	-	-	*	*	-	-

TABLE 6.65: CONTD.

Geographic Level	Other Grains		Tomatoes		Red Pepper		Onions	
	Holder	Hectare	Holder	Hectare	Holder	Hectare	Holder	Hectare
Benshangul-Gumuz	*	*	-	-	136	2	*	*
Metekel Zone	*	*	-	-	76	*	*	*
Dangur	-	-	-	-	*	*	-	-
Guba	-	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	*	*	-	-
Pawe	*	*	-	-	*	*	-	-
Bulen	-	-	-	-	-	-	*	*
Asosa Zone	*	*	-	-	*	*	*	*
Menge	-	-	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-
Asosa	-	-	-	-	*	*	-	-
Sherkole	-	-	-	-	-	-	-	-
Bambasi	*	*	-	-	*	*	-	-
Oda Godere	-	-	-	-	-	-	-	-
Komesha	-	-	-	-	-	-	*	*
Mao Komo	-	-	-	-	-	-	-	-
Kemeshi Zone	*	*	-	-	-	-	-	-
Yaso	*	*	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-	-

Kamashi	-	-	-	-	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-	-
Belo Jegonfoy	-	-	-	-	-	-	-	-
	Potatoes		Sweet potatoes		Enset		Other Permanent	
	Holder	Hectare	Holder	Hectare	Holder	Hectare	Holder	Hectare
Benshangul-Gumuz	*	*	*	*	-	-	-	-
Metekel Zone	-	-	*	*	-	-	-	-
Dangur	-	-	-	-	-	-	-	-
Guba	-	-	-	-	-	-	-	-
Wenbera	-	-	-	-	-	-	-	-
Mandura	-	-	-	-	-	-	-	-
Dibate	-	-	-	-	-	-	-	-
Pawe	-	-	*	*	-	-	-	-
Bulen	-	-	-	-	-	-	-	-
Asosa Zone	*	*	*	*	-	-	-	-
Menge	*	*	-	-	-	-	-	-
Kurmak	-	-	-	-	-	-	-	-
Asosa	-	-	*	*	-	-	-	-
Sherkole	-	-	-	-	-	-	-	-
Bambasi	-	-	-	-	-	-	-	-
Oda Godere	-	-	-	-	-	-	-	-
Komesha	-	-	-	-	-	-	-	-
Mao Komo	*	*	-	-	-	-	-	-
Kemeshi Zone	-	-	5	*	-	-	-	-
Yaso	-	-	-	-	-	-	-	-
Sirba Abay	-	-	-	-	-	-	-	-
Kamashi	-	-	5	*	-	-	-	-
Agalo Meti	-	-	-	-	-	-	-	-
Belo Jegonfoy	-	-	-	-	-	-	-	-

TABLE 6.1: AREA UNDER FARM MANAGEMENT PRACTICES WITH THEIR STANDAD ERRORS
AND COEFFICIENT OF VARIATION IN RURAL AREAS FOR MEHER SEASON

Type of crop	Improved Seed Applied			Irrigation			Fertilizer Applied			Pesticide Applied		
	Hectare	S.E	C.V	Hectare	S.E	C.V	Hectare	S.E	C.V	Hectare	S.E	C.V
TOTAL	3265	240	7	726	193	27	22730	1105	5	1044	179	17
Grains Crops	3159	238	8	103	25	25	21342	1068	5	1035	179	17
Cereals	2856	230	8	96	24	25	17851	870	5	974	170	17
Teff	12	9	72	1	1	105	3281	434	13	207	76	37
Barley	-	-	93	-	-	-	360	77	21	-	-	-
Wheat	10	10	97	-	-	-	416	106	25	4	4	83
Maize	2530	220	9	62	18	29	8223	389	5	136	38	28
Sorghum	139	24	17	25	13	52	3790	346	9	124	35	28
Millet	142	44	31	8	6	77	1699	303	18	495	113	23
Oats	-	-	-	-	-	-	9	3	32	-	-	-
Rice	23	9	39	-	-	-	72	29	40	8	8	103
Pulse	185	43	23	3	2	53	1549	193	12	10	6	61
Horse beans	1	1	63	-	-	-	241	38	16	3	4	111
Field peas	-	-	90	-	-	-	256	60	24	-	-	-
Haricot beans	43	11	25	1	1	82	347	39	11	1	-	53
Chick peas	1	1	88	1	1	97	46	15	33	-	-	-
Lentiles	-	-	-	-	-	108	17	5	26	-	-	-
Vetch	-	-	-	-	-	-	2	1	48	-	-	-
Soya	140	41	29	-	1	107	630	165	26	7	5	79
Fenugreek	-	-	-	-	-	98	1	-	50	-	-	-
Gibto	-	-	-	-	-	-	11	6	56	-	-	-
Oile seed	116	33	28	3	2	44	1905	247	13	50	18	37
Nueg	7	5	73	-	-	87	849	222	26	33	17	52
Linseed	-	-	-	1	1	109	23	6	27	1	1	108
Ground nuts	15	9	59	-	-	98	44	9	21	10	5	51
Sunflower	13	8	62	-	-	-	4	2	53	-	-	-
Sesame	77	18	24	2	1	61	924	93	10	6	3	53
Rapeseed.	3	2	67	-	-	108	62	14	22	-	1	114
Other Grain	1	1	96	1	-	65	37	6	16	-	-	-
Vegetables.	1	-	38	9	3	37	515	38	7	5	2	41
Lettuce	-	-	-	-	-	104	-	-	88	-	-	-
Cabbage	-	-	59	-	-	-	1	-	38	-	-	-

Kale	-	-	128	-	-	-	5	2	39	-	-	-
Tomatoes	-	-	-	1	1	72	2	1	43	-	-	-
Green pepper	-	-	75	1	-	55	13	2	19	-	-	-
Red paper	-	-	114	6	3	49	327	33	10	4	2	48
Swiss chard	-	-	115	-	-	-	-	-	115	-	-	-
Others	1	-	54	1	1	60	166	21	12	1	1	78
Root Crops	-	-	35	9	4	46	241	41	17	-	-	76
Beet root	-	-	58	-	-	-	-	-	32	-	-	-
Carrot	-	-	55	-	-	-	1	-	40	-	-	-
Onion	-	-	62	1	-	49	9	3	31	-	-	-
Potatoes	-	-	104	-	-	109	46	10	22	-	-	-
Garlic	-	-	56	2	1	68	12	3	22	-	-	-
Godere	-	-	-	-	-	81	5	1	32	-	-	-
Sweet potatoes	-	-	-	2	2	83	90	16	18	-	-	-
Others	-	-	98	4	4	88	79	30	38	-	-	76
Permanet crops	105	17	16	605	185	31	632	59	9	4	2	50
Fruit Crops	7	2	26	111	24	22	295	25	9	1	-	45
Avocado	1	1	71	2	2	96	3	2	87	-	-	-
Bannas	2	1	42	79	15	19	92	13	14	-	-	-
Guava(Zeytuna)	-	-	78	1	-	67	5	1	24	-	-	-
Lemons	-	-	84	5	3	61	8	2	30	-	-	119
Mangos	3	1	44	18	7	40	124	11	9	1	-	57
Oranges	-	-	110	3	1	48	9	1	17	-	-	79
Papayas	-	-	47	3	1	33	52	7	14	-	-	-
Pineapples	-	-	-	-	-	109	-	-	109	-	-	-
Others	-	-	83	-	-	73	2	1	38	-	-	-
Stimulant Crop	98	16	17	468	167	36	307	43	14	3	2	64
Chat	-	-	-	32	14	44	37	7	19	2	1	81
Coffee	98	16	17	424	164	39	239	39	16	1	1	70
Gesho.	-	-	-	12	4	35	31	5	17	-	-	75
Others	-	-	-	-	-	-	-	-	94	-	-	-
Other Permanent	-	-	56	26	8	30	30	8	26	-	-	-
Enset	-	-	71	-	-	71	2	1	32	-	-	-
Sugar Cane	-	-	92	26	8	30	24	8	31	-	-	-
Others	-	-	-	-	-	109	3	1	38	-	-	-

TABLE 6.2: AREA UNDER FARM MANAGEMENT PRACTICES WITH THEIR STANDAD ERRORS
AND COEFFICIENT OF VARIATION IN URBAN AREAS FOR MEHER SEASON

Type of crop	Improved Seed Applied			Irrigation			Ferertilizer Applied			Pesticide Applied		
	Hectare	S.E	C.V	Hectare	S.E	C.V	Hectare	S.E	C.V	Hectare	S.E	C.V
TOTAL	252	37	15	43	9	21	626	112	18	195	60	31
Grains Crops	235	36	15	11	5	44	575	112	19	194	60	31
Cereals	223	35	16	11	5	44	485	76	16	183	60	33
Teff	5	3	66	-	-	-	44	11	25	10	8	76
Barley	-	-	-	-	-	-	1	-	-	-	-	-
Wheat	-	-	-	-	-	-	3	2	64	-	-	-
Maize	204	34	17	11	5	44	366	74	20	10	6	59
Sorghum	-	-	-	-	-	-	9	4	44	11	8	79
Millet	14	12	87	-	-	-	62	13	21	152	58	38
Oats	-	-	-	-	-	-	-	-	-	-	-	-
Rice	-	-	-	-	-	94	1	1	65	-	-	-
Pulse	12	5	39	-	-	94	85	44	52	-	-	86
Horse beans	-	-	-	-	-	-	-	-	90	-	-	-
Field peas	-	-	-	-	-	-	6	3	49	-	-	-
Haricot beans	-	-	-	-	-	94	2	2	85	-	-	-
Chick peas	3	2	67	-	-	-	3	2	67	-	-	86
Lentiles	-	-	-	-	-	-	-	-	-	-	-	-
Vetch	-	-	-	-	-	-	-	-	-	-	-	-
Soya	9	4	48	-	-	-	74	44	60	-	-	-
Fenugreek	-	-	-	-	-	-	-	-	-	-	-	-
Gibto	-	-	-	-	-	-	-	-	-	-	-	-
Oile seed	-	-	-	-	-	-	4	3	77	11	5	49
Nueg	-	-	-	-	-	-	4	3	86	11	5	49
Linseed	-	-	-	-	-	-	-	-	111	-	-	-
Ground nuts	-	-	-	-	-	-	-	-	-	-	-	-
Sunflower	-	-	-	-	-	-	-	-	-	-	-	-
Sesame	-	-	-	-	-	-	-	-	-	-	-	-
Rapeseed.	-	-	-	-	-	-	-	-	-	-	-	-
Other Grain	-	-	-	-	-	-	-	-	-	-	-	-
Vegetables.	4	3	85	1	1	70	7	2	30	-	-	-

[illegible]

