

CHAPTER VIII

FARM IMPLEMENTS, DRAUGHT ANIMALS AND STORAGE FACILITIES

1. INTRODUCTION

Agriculture is the single largest sector in the Ethiopian economy. The position of the agricultural sector for the past few decades does not only concern the peasants, but on account of the extent of its inputs, outputs and its function as a largest employer of labour has a profound impact on the entire economy. It is worth to point-out that Ethiopia has large resources in terms of land, agricultural labour, draught animals, etc.

Despite all these facts, the average yield of the main food crops and livestock products attained by private peasant holders is very low and it is not adequate to feed the ever-growing population. Because of such prevailing conditions in the agricultural sector, the economy remained at subsistence level. Among the factors that hampered the country not to prosper is the use of primitive farm implements and tools by the peasants to operate their land and to raise livestock.

The role of improved agricultural implements and tools in raising the standard of farming efficiency and increasing average yield of production has been recognized for many years. Land preparation requires modern power source that results in considerable farm efficiency and expansion of production. Sowing and fertilization are among the agricultural operations where animal and tractor drawn machines appear to be capable of greater efficiency than only hand method. Power-driven line sowing and fertilization are more efficient than hand spreading and this is usually expected to result in higher yield for the same amount of fertilizers and seeds.

The traditional unimproved farm implements used by the peasants and the poor conditions of the draught animals are considered to be among the main factors that retarded the agricultural productivity in the country. On the other hand, the development of farm implements and machineries can also be crippled by small land size holdings, abundant labour in rural area and non-availability of adequate access to modern farm implements and machineries, which the private peasant holders can afford to rent or buy.

In general, effective development of farm implements and machineries takes place when land is abundant and labour is being rapidly absorbed by non-agricultural sector, (WB, 1984).

Since development programmes are in progress in Ethiopia, data generated from censuses and sample surveys on different types of agricultural outputs and inputs are necessary for the formulation of programmes and policies in the sector and thereby for monitoring and evaluation of the impacts of the programmes. One of the objectives of this census was to provide benchmark data that can help to assess the growth, quantity, quality and value of farm implements and other farm equipment used by the private peasant holders so as to easily identify the implements that are abundant and those that are in short supply. The structural characteristics of these farm implements and other farm equipment do not change much from year to year and such data are usually obtained from a census of agriculture, which is conducted every 5 or 10 years.

Data on farm implements and other farm equipment have not been collected in Ethiopia and as a result only very little is known about the status and growth of these implements. Thus, in the Ethiopian agricultural census conducted in 2001/2002, data was collected on farm implements and other farm equipment. These farm implements include, implements used for clearing land, cultivation, harvesting, threshing and others. In this census draught animals comprises animals engaged specifically in ploughing, threshing and farm transport facilities. Replacement value was one of the variables covered by this census. Replacement value is the amount it would cost to replace farm implement, equipment, draught animal and storage facilities with those that are similar in terms of origin, age, quality or condition.

In this chapter the classification of farm implements, farm equipment, draught animals and storage facilities are presented in Section 2. Brief discussions of data on Summary Tables VIII.1 to VIII.4 are also provided in Section 3. Statistical Tables presenting the census results at zonal and wereda levels are also given as Table series 8.1A - 8.28A and 8.1B - 8.28B. Finally, the estimates, Standard Errors (S.E.) and Coefficients of Variation (C.V.) on number of holders reporting, number of farm implements reported and total value are presented in the Annex Table.

2. CLASSIFICATION OF FARM IMPLEMENTS, OTHER FARM EQUIPMENT AND DRAUGHT ANIMALS

The farm implements and draught animals reported were classified into the following eight groups: -

- Implements used for clearing land,
- Implements used for cultivation,
- Parts for traditional plough,
- Implements used for harvesting,
- Implements used for threshing,
- Other farm equipment,
- Draught animals for farm activity, and
- Storage facilities.

These eight groups further broken down to include the following implements and other farm equipment:

2.1 Implements used for clearing land

- a) Axes,
- b) 'Gejera '(Chopper), and
- c) Shovel.

2.2 Implements used for cultivation

- a) Hoe,
- b) 'Mekeskesha',
- c) Pick-Axe, and
- d) Tractor.

2.3 Parts for traditional plough

- a) 'Diger',
- b) ' Erfe',
- c) Plough-Beam,
- d) Plough-Tip, and
- e) 'Wegel'-Tip.

2.4 Implements used for harvesting

- a) Sickle.

2.5 Implements used for threshing

- a) Hay- Fork (metal or wood),
- c) Threshing stick, and
- d) Winnower (metal or wood).

2.6 Other farm equipment

- a) Cart (hauling),
- b) Sprayer (hand operated),
- c) Sprayer (power operated),
- d) Tying tool, and
- e) Wheelbarrow.

2.7 Draught animals

- a) Animals deployed specifically in ploughing:-

- Ass/Donkey,
- Camel,
- Horse,
- Mule, and
- Ox.

- b) Animals deployed in threshing or transportation: -

- Ass/Donkey,
- Camel,
- Cattle (Working Age),
- Horse, and
- Mule.

2.8 Storage facilities

- a) 'Debignit'(Local storage),
- b) 'Gottera' (Local storage),
- c) 'Gudguad'(Local storage), and
- d) Modern storage.

Definitions of storage facilities

'Debignit': - Is a round vessel of earthenware storage attached with the wall of a house. The shape of 'Debignit' is similar to the shape of a barrel. Debignit is usually around 1 metre high and 0.5-metres wide.

'Gottera': - Is storage made of bamboo plant. The bamboo is spit and then crisscrossed and woven like a giant basket. Finally, it is laminated with a mixture of animal dung and dry grass (straw). 'Gottera' is usually about 1-3 metres high and about 1 metre wide

'Gudguad': - Is an underground storage, which is formed by digging the ground with certain depth and radius. The wall of 'Gudguad' is usually laminated with animal dung.

Modern storage: - Is a storage that has a better quality in protecting grains from humidity and pests than the above mentioned storages.

3. ESTIMATES OF FARM IMPLEMENTS, DRAUGHT ANIMALS AND STORAGE FACILITIES.

The type, quality and quantity of tools and implements in use usually indicate the level of farming practice and agricultural development of a country. Hence, the results of this census can give us some highlights to evaluate the farming system in Benshangul-Gumuz Region. In this report farm implements are grouped in terms of their operation and this can help to make appropriate comparisons.

3.1 Farm Implements and Tools

The data in Summary Table VIII.1 indicates that the number of holders reporting axe was the highest followed by 'Gejera'(Chopper) while shovel was the lowest. In Benshangul-Gumuz Region it is estimated that there were about 122,033 crop holders in rural areas of which about 112,436 (92.14%) reported to own axes, about 37.94% reporting 'Gejeras' (choppers), and 15.55% reporting shovels. Among the farm implements used for clearing land the number of observation for axe was highest and the total value for axe was also the highest followed by 'Gejeras' and shovels. The expected duration of service of an axe and 'Gejera' was estimated to be nine years each, while for shovel it was ten years.

One of the labour and power intensive farm activities is cultivation. It comprises digging, ploughing, sowing and weeding. In order to accomplish such operations, the Ethiopian peasants use hoe, 'Mekeskesha', pick-axe, and traditional plough. Among these farm implements and tools hoe was the highest in terms of number of holders reporting, total number of implements reported and total value. The second highest was pick-axe while Mekeskesha was the lowest. The data in Summary Table VIII.4 revealed that the percentage distribution of the crop holders that owned one, two, three, four and five and above hoes was 21.17%, 23.15%, 11.23%, 5.28%, and 3.85% respectively. It is also shown that sickle is reported as the only harvesting tool. For details, see Summary Table VIII.1.

3.2 Draught Animals

Peasants in Ethiopia use domestic animals for draught purpose. In several parts of the country since most of the holdings are far from residence and as a result asses, horses, mules and camels are used to transport various types of goods and agricultural products from holding to residence and vice-versa. As it is indicated in Summary Table VIII.2 among the domestic animals that are used for ploughing, ox was the highest in terms of number of holders reporting, number of oxen reported and total value the oxen amounted to 37.7 million Birr. About 40 thousand holders (32.78% of the total crop holders in rural areas in the region) reported 109,360 cattle (working age cattle) used for

threshing and these cattle had a value of over 53 million Birr and the average replacement value of a working age cattle was about 178.70 Birr. It was also indicated that asses and horses were used by the holders for threshing and transportation. The estimated number and percentage distributions of crop holders in rural areas that owned implements, equipment, and draught animals are shown in Summary Table VIII.4. In Benshangul-Gumuz region the agricultural census result shows that there were about 122,033 crop holders. Among these 11.63%, 15.03%, 1.68%, 1.65% and 0.72% holders owned one, two, three, four and five and above oxen respectively. On the other hand about 69.29% of the holders did not own ox. For details, see Summary Table VIII.4.

3.3 Storage Facilities

One of the methods that minimize post harvest production losses is the usage of modern storage facilities. During the census, data was collected on modern storage facilities and the unimproved local storage facilities such as 'Debigint', 'Gottera' and 'Gudguad'. In this census, buildings or any structure used as storage facilities and other containers that have better storage quality to protect agricultural products from humidity and pests are considered as modern storage facilities.

The data in Summary Table VIII.3 shows the number of holders reporting storage facilities and number of such facilities. Thus, the data in the table reveals that the highest number of holders reported 'Gottera'. On the other hand, 'Gudguad' was reported by insignificant number of holders. The total value of all reported storage facilities was assessed to be 2,768,597 Birr, of which 95% and 5% comprises of Gottera and Debigint, respectively. The percentage distribution of the number of crop holders that owned 'Gudguad' and 'Debigint' is also presented in summary Table VIII.4.

SUMMARY TABLE VIII.1: -Number and Percentage of Holders Reporting Implements and Other Farm Equipment by type, Quantity Reported, Replacement Value, and Duration of Implement, for Private Holdings.

Implements and Equipment	Number of Holders Reporting	Percent of Total Holders	Number of Implements and Equipment		Total Value of Imp. and Eq. (Birr)	Average Replacement Value Per Imp. and Eq. (Birr)	Average Duration of Service of Imp. and Eq. (Years)
			Total Reported	Average ¹ Per Holder			
Used for Clearing Land							
Axes	112,436	92.14	193,238	1.58	1,792,568	5.46	9
'Gejeras' (Choppers)	46,304	37.94	60,996	0.50	725,782	9.20	9
Shovels	18,980	15.55	20,188	0.17	237,645	11.09	10
Used for Cultivation							
Hoes	78,903	64.66	176,832	1.45	1,197,656	3.10	5
'Mekeskeshas'	5,183	4.25	6,776	0.06	58,042	6.84	8
Pick-Axes	24,524	20.10	37,523	0.31	338,256	6.40	10
Tractors	-	-	-	-	-	-	-
Parts for traditional Plough							
'Degers'	40,280	33.01	66,889	0.55	142,254	1.33	2
'Erfes'	39,102	32.04	54,882	0.45	72,917	0.91	1
Plough-Beams	40,555	33.23	54,191	0.44	285,468	4.08	3
Plough- Tips	40,750	33.39	47,886	0.39	796,741	14.30	5
'Wegel' -Tips	40,007	32.78	47,065	0.39	267,648	4.90	5
Yokes	40,318	33.04	49,620	0.41	183,542	3.05	3
Used for Harvesting							
Sickles	93,840	76.90	166,586	1.37	1,296,533	4.58	5
Used for Threshing							
Hay-Forks (metal)	559	0.46	762	0.01	3,302	3.71	6
Hay-Forks (wood)	23,042	18.88	45,355	0.37	81,684	0.96	3
Threshing Sticks	27,015	22.14	67,057	0.55	66,922	0.53	2
Winnowers (metal)	364	0.30	485	0.00	2,611	4.44	7
Winnowers (wood)	19,124	15.67	27,359	0.22	111,111	3.07	6
Other farm Equipment							
Carts	*	-	*	-	*	*	*
Sprayers (Hand operated)	484	0.40	719	0.01	7,683	9.04	5
Sprayers (Power operated)	-	-	-	-	-	-	-
Tying Tools	-	-	-	-	-	-	-
Wheelbarrows	119	0.10	119	0.00	*	*	*

• Average¹ per holder is the ratio of total number of each implement reported to total number of crop holders in rural areas in the region.

• Total number of crop holders comprises, holders participated in crop production only and both crop production and livestock rearing

SUMMARY TABLE VIII.2: -Number and Percentage of Holders Reporting Draught Animals, Quantity Reported, Replacement Value, and Average Age of Animal, for Private Holdings.

Animals	Number of Holders Reporting	Percent of Total Holders	Number of Animals		Total Value of Animals (Birr)	Average Replacement Value Per Animal (Birr)	Average Age of Animal (Years)
			Total Reported	Average ¹ Per Holder			
Used for Ploughing							
Asses.....	131	0.11	204	0.00	47,477	145.30	3
Camels.....	-	-	-	-	-	-	-
Horses.....	-	-	-	-	-	-	-
Mules.....	-	-	-	-	-	-	-
Oxen	37,325	30.59	70,623	0.58	37,741,909	274.67	6
Used for Threshing or Transportation							
Asses.....	19,020	15.59	23,484	0.19	6,995,649	239.61	6
Camels.....	-	-	-	-	-	-	-
Cattle	40,001	32.78	109,360	0.90	53,259,868	178.70	6
Horses.....	225	0.18	351	0.00	202,890	376.84	8
Mules.....	-	-	-	-	-	-	-

- Average¹ per holder is the ratio of total number of each draught animal reported to total number of crop holders in rural areas in the region.
- Total number of crop holders comprises, holders participated in crop production only and both crop production and livestock rearing.

SUMMARY TABLE VIII.3: - Number and Percentage of Holders Reporting Storage facilities, Quantity Reported, Replacement Value, and Storage Capacity, for Private Holdings.

Storage Structure	Number of Holders Reporting	Percent of Total Storage Holders	Number of Storages		Total Value of Storages (Birr)	Average Replacement Value Per Storage (Birr)	Average Storage Capacity Per Storage (Quintal)
			Total Reported	Average ¹ Per Holder			
'Debignits'	10,485	8.59	19,100	0.16	138,175	4.11	5
'Gottaras'	89,929	73.69	132,450	1.09	2,630,422	15.55	12
'Gudguads'	*	-	*	-	*	*	*
Modern Storage Structures...	548	0.45	912	0.01	*	*	40

- Average¹ per holder is the ratio of total number of each storage facility reported to total number of crop holders in rural areas in the region.
- Total number of crop holders comprises, holders participated in crop production only and both crop production and livestock rearing.

SUMMARY TABLE VIII.4: -Number of Crop Holders that Owned Farm Implement, Equipment and Draught Animals.

Name of Implement, Equipment, and Draught Animal	Number of Crop holders that owned											
	No Implement, Equipment, or Draught Animal		One Implement, Equipment, and Draught Animal		Two Implements, Equipment, and Draught Animals		Three Implements, Equipment, and Draught Animals		Four Implements, Equipment, and Draught Animals		Five and above Implements, Equipment, and Draught Animals	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Used for Clearing Land												
Axes.....	9,586	7.86	54,862	44.96	40,827	33.46	12,190	9.99	3,425	2.81	1,143	0.94
'Gejera'.....	75,726	62.05	35,302	28.93	8,321	6.82	1,991	1.63	524	0.43	169	0.14
Shovel.....	103,042	84.44	17,940	14.70	922	0.76	112	0.09	6	0.00	11	0.01
Used for Cultivation												
Hoes.....	43,101	35.32	25,830	21.17	28,253	23.15	13,705	11.23	6,440	5.28	4,704	3.85
'Meakeshas'.....	116,849	95.75	3,806	3.12	1,233	1.01	93	0.08	42	0.03	10	0.01
Pick- Axes.....	97,509	79.90	17,076	13.99	4,346	3.56	1,920	1.57	579	0.47	603	0.49
Tractors.....	-	-	-	-	-	-	-	-	-	-	-	-
Parts for traditional Plough												
'Degers'.....	81,754	66.99	21,804	17.87	14,620	11.98	772	0.63	2,604	2.13	479	0.39
'Erfes' (Handle).....	82,900	67.93	27,986	22.93	8,239	6.75	1,719	1.41	961	0.79	228	0.19
Plough-Beam.....	81,461	66.75	29,436	24.12	9,159	7.51	1,533	1.26	372	0.30	72	0.06
Plough -Tips.....	81,266	66.59	34,827	28.54	5,115	4.19	652	0.53	155	0.13	18	0.01
'Wegel' -Tips.....	82,012	67.20	33,975	27.84	5,292	4.34	538	0.44	194	0.16	22	0.02
Yokes.....	81,715	66.96	32,059	26.27	7,457	6.11	637	0.52	146	0.12	19	0.02
Used for Harvesting												
Sickles.....	28,173	23.09	46,568	38.16	31,120	25.50	10,526	8.63	3,705	3.04	1,941	1.59
Used for Threshing												
Hay-Forks (Metal).....	121,475	99.54	376	0.31	162	0.13	20	0.02	-	-	-	-
Hay-Forks (Wood).....	98,981	81.11	9,202	7.54	8,764	7.18	3,052	2.50	1,289	1.06	745	0.61
Threshing Sticks.....	95,012	77.86	11,510	9.43	8,523	6.98	2,539	2.08	1,857	1.52	2,592	2.12
Winnowers (Metal).....	121,669	99.70	251	0.21	104	0.09	9	0.01	-	-	-	-
Winnowers (Wood).....	102,908	84.33	13,231	10.84	4,429	3.63	887	0.73	403	0.33	175	0.14
Other Farm Equipment												
Carts.....	122,012	100.00	*	*	-	-	-	-	-	-	-	-
Sprayers (Hand Operated).....	121,548	99.60	348	0.29	106	0.09	26	0.02	-	-	5	0.00
Sprayers (Power Operated).....	-	-	-	-	-	-	-	-	-	-	-	-
Tying Tools.....	-	-	-	-	-	-	-	-	-	-	-	-
Wheelbarrows.....	121,914	99.90	119	0.10	-	-	-	-	-	-	-	-
Animals Used for Ploughing												
Asses.....	121,901	99.89	73	0.06	44	0.04	15	0.01	-	-	-	-
Camels.....	-	-	-	-	-	-	-	-	-	-	-	-
Horses.....	-	-	-	-	-	-	-	-	-	-	-	-
Mules.....	-	-	-	-	-	-	-	-	-	-	-	-
Oxen.....	84,553	69.29	14,198	11.63	18,337	15.03	2,050	1.68	2,017	1.65	878	0.72
Animals Used for Threshing or Transportation												
Asses.....	103,013	84.41	15,560	12.75	2,825	2.31	414	0.34	141	0.12	80	0.07
Camels.....	-	-	-	-	-	-	-	-	-	-	-	-
Cattle.....	82,032	67.22	12,157	9.96	14,248	11.68	4,738	3.88	3,511	2.88	5,347	4.38
Horses.....	121,808	99.82	129	0.11	65	0.05	31	0.03	-	-	-	-
Mules.....	-	-	-	-	-	-	-	-	-	-	-	-
Storage Structure												
'Debignits'.....	111,547	91.41	5,443	4.46	2,787	2.28	1,352	1.11	612	0.50	292	0.24
'Gotteras'.....	32,021	26.24	61,537	50.43	19,756	16.19	5,948	4.87	2,011	1.65	760	0.62
'Gudguads'.....	121,936	100.00	*	-	*	-	-	-	-	-	-	-
Modern Storages.....	121,485	99.55	271	0.22	208	0.17	49	0.04	20	0.02	-	-

STATISTICAL TABLES PRESENTING THE CENSUS
RESULTS AT
ZONAL AND WOREDA LEVELS

Tables 8.1A- 8.28A

TABLE 8.1A: - Number of Holders Reporting Axe Owned, Quantity Reported, Replacement Value, and Duration of Service of Axe, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Axes Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Axe (Birr)	Average Duration of Service of Axe (Years)
Benshangul-Gumuz Region.....	122,033	112,436	193,238	1.58	1,792,568	5.46	9
Metekel Zone	47,248	42,960	73,376	1.55	655,033	5.29	7
Dangur.....	6,230	5,558	8,456	1.36	97,365	7.67	9
Guba	3,691	3,557	6,767	1.83	68,687	5.40	7
Wenbera	8,753	8,064	14,743	1.68	189,437	7.02	8
Mandura	5,480	5,165	6,798	1.24	47,917	5.27	6
Dibate	9,136	8,633	15,261	1.67	93,132	3.42	6
Pawe	8,736	6,808	11,693	1.34	91,900	4.95	11
Bulen	5,223	5,174	9,658	1.85	66,595	3.87	5
Asosa Zone	56,202	51,990	87,745	1.56	883,979	6.00	10
Menge.....	8,563	8,229	13,472	1.57	166,567	7.53	7
Kurmak.....	3,723	3,428	5,650	1.52	58,286	6.33	9
Asosa	17,602	15,658	26,814	1.52	251,926	5.56	13
Sherkole	4,432	4,420	7,808	1.76	103,911	7.56	6
Bambasi.....	8,616	7,789	13,711	1.59	103,632	4.35	12
Oda Godere	6,052	5,759	9,345	1.54	99,202	6.51	7
Komesha.....	2,943	2,789	4,971	1.69	48,964	5.55	10
Mao Komo Special	4,272	3,918	5,974	1.40	51,491	5.56	9
Kemeshi Zone	18,583	17,486	32,116	1.73	253,556	4.37	7
Yaso.....	3,683	3,495	5,807	1.58	40,360	4.36	8
Sirba Abay.....	2,505	2,380	4,421	1.76	49,220	6.22	10
Kamashi	2,768	2,688	5,481	1.98	38,118	3.38	6
Agalo Meti	3,539	3,313	6,033	1.70	44,243	4.11	6
Belo Jigonfoy	6,088	5,611	10,374	1.70	81,616	4.26	8

TABLE 8.2A: - Number of Holders Reporting 'Gejera' Owned, Quantity Reported, Replacement Value, and Duration of Service of 'Gejera', for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Gejeras' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Gejera' (Birr)	Average Duration of Service of 'Gejera' (Years)
Benshangul-Gumuz Region.....	122,033	46,304	60,996	0.50	725,782	9.20	9
Metekel Zone	47,248	7,649	10,101	0.21	99,493	7.39	8
Dangur.....	6,230	1,373	1,906	0.31	17,164	6.94	6
Guba	3,691	443	869	0.24	8,227	5.15	5
Wenbera	8,753	2,530	3,576	0.41	42,230	7.66	7
Mandura	5,480	167	194	0.04	1,376	6.52	6
Dibate	9,136	708	845	0.09	4,564	4.78	5
Pawe	8,736	2,199	2,426	0.28	23,943	9.26	13
Bulen	5,223	229	285	0.05	1,989	6.37	5
Asosa Zone	56,202	28,497	36,566	0.65	493,188	10.79	10
Menge.....	8,563	3,762	4,707	0.55	50,154	8.93	7
Kurmak.....	3,723	1,558	1,802	0.48	18,073	8.53	8
Asosa	17,602	10,768	13,096	0.74	237,916	14.78	14
Sherkole	4,432	1,569	1,993	0.45	24,497	10.12	5
Bambasi.....	8,616	4,671	6,421	0.75	74,883	9.40	10
Oda Godere	6,052	1,232	1,407	0.23	15,346	9.42	8
Komesha.....	2,943	1,894	2,747	0.93	31,351	8.03	9
Mao Komo Special	4,272	3,044	4,393	1.03	40,970	6.29	7
Kemeshi Zone	18,583	10,158	14,329	0.77	133,100	6.44	6
Yaso.....	3,683	2,440	3,617	0.98	38,752	6.30	5
Sirba Abay.....	2,505	917	1,352	0.54	17,239	8.99	10
Kamashi	2,768	2,041	2,860	1.03	27,000	6.57	7
Agalo Meti	3,539	1,100	1,195	0.34	8,798	6.87	6
Belo Jigonfoy	6,088	3,661	5,305	0.87	41,311	5.72	7

TABLE 8.3A: - Number of Holders Reporting Shovel Owned, Quantity Reported, Replacement Value, and Duration of Service of Shovel, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Shovels Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Shovel (Birr)	Average Duration of Service of Shovel (Years)
Benshangul-Gumuz Region.....	122,033	18,980	20,188	0.17	237,645	11.09	10
Metekel Zone	47,248	7,479	7,861	0.17	78,135	9.42	8
Dangur.....	6,230	333	350	0.06	3,366	9.08	11
Guba	3,691	636	810	0.22	8,246	8.05	5
Wenbera	8,753	1,752	1,772	0.20	24,318	13.55	8
Mandura	5,480	175	190	0.03	2,346	10.79	7
Dibate	9,136	2,251	2,321	0.25	16,910	7.00	6
Pawe	8,736	1,591	1,654	0.19	16,192	9.36	12
Bulen	5,223	741	764	0.15	6,757	8.61	5
Asosa Zone	56,202	9,751	10,524	0.19	137,002	12.12	12
Menge.....	8,563	627	733	0.09	9,326	11.10	6
Kurmak.....	3,723	459	518	0.14	6,717	12.05	8
Asosa	17,602	4,932	5,218	0.30	71,631	12.89	13
Sherkole	4,432	500	551	0.12	7,505	12.25	7
Bambasi.....	8,616	1,711	1,770	0.21	21,476	11.83	14
Oda Godere	6,052	474	549	0.09	6,335	10.54	7
Komesha.....	2,943	782	911	0.31	9,674	9.06	10
Mao Komo Special	4,272	266	274	0.06	4,338	15.40	9
Kemeshi Zone	18,583	1,750	1,804	0.10	22,509	12.28	7
Yaso.....	3,683	119	130	0.04	1,215	9.06	5
Sirba Abay.....	2,505	53	53	0.02	800	15.10	9
Kamashi	2,768	484	495	0.18	7,176	14.14	7
Agalo Meti	3,539	161	177	0.05	2,193	12.12	7
Belo Jigonfoy	6,088	934	949	0.16	11,124	11.62	7

TABLE 8.4A: - Number of Holders Reporting Hoe Owned, Quantity Reported, Replacement Value, and Duration of Service of Hoe, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Hoes Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Hoe (Birr)	Average Duration of Service of Hoe (Years)
Benshangul-Gumuz Region.....	122,033	78,903	176,832	1.45	1,197,656	3.10	5
Metekel Zone	47,248	27,112	59,136	1.25	323,726	2.56	5
Dangur.....	6,230	3,036	5,605	0.90	22,955	2.48	6
Guba	3,691	814	2,131	0.58	9,859	1.82	5
Wenbera	8,753	7,842	18,457	2.11	175,774	4.16	5
Mandura	5,480	1,016	2,631	0.48	13,361	1.92	5
Dibate	9,136	7,371	15,657	1.71	49,826	1.63	4
Pawe	8,736	2,209	2,492	0.29	12,131	4.21	10
Bulen	5,223	4,824	12,163	2.33	39,820	1.28	3
Asosa Zone	56,202	35,786	77,327	1.38	652,776	3.94	7
Menge.....	8,563	7,739	19,724	2.30	182,548	3.62	5
Kurmak.....	3,723	715	1,371	0.37	9,795	4.15	7
Asosa	17,602	8,854	15,691	0.89	134,360	4.92	9
Sherkole	4,432	2,030	4,242	0.96	36,892	4.44	3
Bambasi.....	8,616	4,367	8,589	1.00	63,134	3.96	8
Oda Godere	6,052	5,377	12,624	2.09	104,414	3.42	5
Komesha.....	2,943	2,582	6,498	2.21	52,568	3.22	6
Mao Komo Special	4,272	4,122	8,588	2.01	69,066	3.93	7
Kemeshi Zone	18,583	16,004	40,370	2.17	221,153	2.29	4
Yaso.....	3,683	2,856	6,556	1.78	28,082	1.82	4
Sirba Abay.....	2,505	2,461	6,699	2.67	31,193	1.67	4
Kamashi	2,768	2,349	6,864	2.48	31,348	1.65	4
Agalo Meti	3,539	2,908	7,937	2.24	27,916	1.28	3
Belo Jigonfoy	6,088	5,431	12,313	2.02	102,614	3.89	6

TABLE 8.5A: - Number of Holders Reporting 'Mekeskesha' Owned, Quantity Reported, Replacement Value, and Duration of Service of 'Mekeskesha', for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Mekeskeshas' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Mekeskesha' (Birr)	Average Duration of Service of 'Mekeskesha' (Years)
Benshangul-Gumuz Region.....	122,033	5,183	6,776	0.06	58,042	6.84	8
Metekel Zone	47,248	836	1,265	0.03	4,066	2.34	4
Dangur.....	6,230	*	*	-	*	*	*
Guba	3,691	-	-	-	-	-	-
Wenbera	8,753	536	904	0.10	1,416	0.97	2
Mandura	5,480	*	*	-	*	*	*
Dibate	9,136	75	89	0.01	*	*	*
Pawe.....	8,736	118	118	0.01	812	6.88	10
Bulen	5,223	*	*	-	*	*	*
Asosa Zone	56,202	3,842	4,645	0.08	49,714	8.76	10
Menge.....	8,563	*	*	-	*	*	*
Kurmak.....	3,723	96	113	0.03	1,443	10.86	*
Asosa	17,602	2,959	3,639	0.21	39,756	8.79	10
Sherkole	4,432	*	*	-	*	*	*
Bambasi.....	8,616	507	606	0.07	5,597	7.78	11
Oda Godere	6,052	103	109	0.02	814	6.96	*
Komesha.....	2,943	46	46	0.02	507	11.03	*
Mao Komo Special	4,272	*	*	-	*	*	*
Kemeshi Zone	18,583	505	866	0.05	4,262	3.06	4
Yaso.....	3,683	-	-	-	-	-	-
Sirba Abay.....	2,505	-	-	-	-	-	-
Kamashi	2,768	106	121	0.04	1,330	9.45	12
Agalo Meti	3,539	282	568	0.16	1,151	0.95	2
Belo Jigonfoy	6,088	118	177	0.03	1,781	5.47	3

TABLE 8.6A:- Number of Holders Reporting Pick-Axe Owned, Quantity Reported, Replacement Value, and Duration of Service of Pick-Axe, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Pick-Axes Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Pick-Axe (Birr)	Average Duration of Service of Pick-Axe (Years)
Benshangul-Gumuz Region.....	122,033	24,524	37,523	0.31	338,256	6.40	10
Metekel Zone	47,248	6,061	7,508	0.16	59,179	6.85	9
Dangur.....	6,230	826	1,018	0.16	10,477	9.20	6
Guba	3,691	680	936	0.25	9,090	7.53	6
Wenbera	8,753	265	275	0.03	4,044	14.28	10
Mandura	5,480	191	252	0.05	2,126	7.56	8
Dibate	9,136	1,462	2,196	0.24	11,050	3.89	6
Pawe.....	8,736	2,036	2,216	0.25	17,809	7.28	13
Bulen	5,223	602	616	0.12	4,583	7.35	7
Asosa Zone	56,202	16,012	25,110	0.45	251,924	6.87	12
Menge.....	8,563	791	1,328	0.16	14,609	7.35	6
Kurmak.....	3,723	1,291	2,874	0.77	21,719	3.88	7
Asosa	17,602	7,146	9,331	0.53	102,104	8.55	14
Sherkole	4,432	858	2,019	0.46	17,321	4.24	5
Bambasi.....	8,616	3,781	5,396	0.63	52,447	7.00	14
Oda Godere	6,052	1,273	2,473	0.41	26,804	6.53	6
Komesha.....	2,943	797	1,612	0.55	16,129	5.37	11
Mao Komo Special	4,272	76	76	0.02	791	10.41	*
Kemeshi Zone	18,583	2,451	4,904	0.26	27,153	3.26	5
Yaso.....	3,683	780	1,773	0.48	10,285	2.60	4
Sirba Abay.....	2,505	50	59	0.02	632	9.03	12
Kamashi	2,768	545	892	0.32	5,224	4.08	6
Agalo Meti	3,539	564	1,593	0.45	5,296	1.30	3
Belo Jigonfoy	6,088	513	588	0.10	5,716	8.71	7

TABLE 8.7A: - Number of Holders Reporting 'Deger' Owned, Quantity Reported, Replacement Value, and Duration of Service of 'Deger', for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Degers' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Deger' (Birr)	Average Duration of Service of 'Deger' (Years)
Benshangul-Gumuz Region.....	122,033	40,280	66,889	0.55	142,254	1.33	2
Metekel Zone.....	47,248	19,195	33,478	0.71	66,546	1.14	2
Dangur.....	6,230	1,592	2,544	0.41	5,915	1.38	1
Guba.....	3,691	*	*	-	*	*	*
Wenbera.....	8,753	4,272	6,858	0.78	14,123	1.33	1
Mandura.....	5,480	736	1,676	0.31	3,854	1.02	2
Dibate.....	9,136	5,276	9,413	1.03	16,627	0.99	1
Pawe.....	8,736	4,902	7,731	0.88	15,939	1.27	2
Bulen.....	5,223	2,413	5,253	1.01	10,081	0.89	1
Asosa Zone.....	56,202	16,409	25,364	0.45	58,528	1.59	2
Menge.....	8,563	447	729	0.09	2,663	2.61	2
Kurmak.....	3,723	-	-	-	-	-	-
Asosa.....	17,602	8,425	13,241	0.75	29,984	1.52	2
Sherkole.....	4,432	-	-	-	-	-	-
Bambasi.....	8,616	4,380	7,379	0.86	14,229	1.20	2
Oda Godere.....	6,052	1,394	1,881	0.31	4,242	1.75	2
Komesha.....	2,943	96	127	0.04	368	2.52	4
Mao Komo Special.....	4,272	1,668	2,006	0.47	7,041	2.92	2
Kemeshi Zone.....	18,583	4,676	8,047	0.43	17,181	1.30	2
Yaso.....	3,683	753	1,128	0.31	2,153	1.30	2
Sirba Abay.....	2,505	188	220	0.09	479	1.89	2
Kamashi.....	2,768	667	1,065	0.38	1,542	1.05	2
Agalo Meti.....	3,539	526	662	0.19	1,275	1.56	2
Belo Jigonfoy.....	6,088	2,542	4,972	0.82	11,732	1.29	1

TABLE 8.8A:- Number of Holders Reporting 'Erfe'(Handle) Owned, Quantity Reported, Replacement Value, and Duration of Service of 'Erfe', for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Erfe's' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Erfe' (Birr)	Average Duration of Service of 'Erfe' (Years)
Benshangul-Gumuz Region.....	122,033	39,102	54,882	0.45	72,917	0.91	1
Metekel Zone.....	47,248	18,910	28,948	0.61	41,385	0.87	1
Dangur.....	6,230	1,557	2,402	0.39	5,134	1.51	2
Guba.....	3,691	*	*	-	*	*	*
Wenbera.....	8,753	4,240	5,470	0.62	7,101	1.02	1
Mandura.....	5,480	730	1,156	0.21	1,593	0.87	1
Dibate.....	9,136	5,181	8,253	0.90	12,765	0.68	1
Pawe.....	8,736	4,848	7,412	0.85	9,389	0.85	2
Bulen.....	5,223	2,350	4,252	0.81	5,400	0.68	1
Asosa Zone.....	56,202	15,659	20,346	0.36	25,175	0.96	1
Menge.....	8,563	426	526	0.06	797	1.36	2
Kurmak.....	3,723	-	-	-	-	-	-
Asosa.....	17,602	8,199	10,207	0.58	14,296	1.11	2
Sherkole.....	4,432	*	*	-	*	*	*
Bambasi.....	8,616	4,251	5,938	0.69	5,562	0.66	1
Oda Godere.....	6,052	1,190	1,400	0.23	1,501	0.93	1
Komesha.....	2,943	102	102	0.03	312	3.05	3
Mao Komo Special.....	4,272	1,484	2,157	0.50	2,558	0.85	1
Kemeshi Zone.....	18,583	4,533	5,588	0.30	6,356	0.93	1
Yaso.....	3,683	675	774	0.21	1,046	1.20	2
Sirba Abay.....	2,505	180	188	0.08	172	0.89	1
Kamashi.....	2,768	653	723	0.26	485	0.62	1
Agalo Meti.....	3,539	514	546	0.15	799	1.36	1
Belo Jigonfoy.....	6,088	2,512	3,357	0.55	3,855	0.87	1

TABLE 8. 9A:- Number of Holders Reporting Plough-Beam Owned, Quantity Reported, Replacement Value, and Duration of Service of Plough-Beam, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Plough-Beams Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Plough-Beam (Birr)	Average Duration of Service of Plough-Beam (Years)
Benshangul-Gumuz Region.....	122,033	40,555	54,191	0.44	285,468	4.08	3
Metekel Zone	47,248	19,262	27,243	0.58	110,497	2.92	2
Dangur.....	6,230	1,604	2,334	0.37	9,719	3.17	2
Guba	3,691	*	*	-	*	*	*
Wenbera	8,753	4,246	5,404	0.62	22,187	3.24	2
Mandura	5,480	730	1,078	0.20	4,604	2.85	2
Dibate	9,136	5,344	7,696	0.84	26,475	2.43	2
Pawe	8,736	4,910	7,413	0.85	30,208	2.73	3
Bulen	5,223	2,424	3,315	0.63	17,293	3.80	2
Asosa Zone	56,202	16,589	21,340	0.38	138,987	5.18	4
Menge.....	8,563	455	545	0.06	5,334	8.28	3
Kurmak.....	3,723	*	*	-	*	*	*
Asosa	17,602	8,541	10,954	0.62	73,553	5.35	4
Sherkole	4,432	-	-	-	-	-	-
Bambasi.....	8,616	4,454	6,005	0.70	32,844	4.10	3
Oda Godere	6,052	1,373	1,721	0.28	7,739	3.85	3
Komesha	2,943	101	116	0.04	942	7.05	7
Mao Komo Special	4,272	1,655	1,991	0.47	18,441	7.71	3
Kemeshi Zone	18,583	4,704	5,608	0.30	35,985	5.53	2
Yaso.....	3,683	740	943	0.26	3,509	3.21	2
Sirba Abay.....	2,505	206	230	0.09	741	2.87	4
Kamashi	2,768	684	711	0.26	2,916	3.99	2
Agalo Meti	3,539	526	545	0.15	1,492	2.57	3
Belo Jigonfoy	6,088	2,548	3,178	0.52	27,326	7.26	2

TABLE 8.10A: - Number of Holders Reporting Plough-Tip (Metal) Owned, Quantity Reported, Replacement Value, and Duration of Service of Plough-Tip, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Plough-Tips Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Plough-Tip (Birr)	Average Duration of Service of Plough-Tip (Years)
Benshangul-Gumuz Region.....	122,033	40,750	47,886	0.39	796,741	14.30	5
Metekel Zone	47,248	19,417	24,212	0.51	396,637	13.31	4
Dangur.....	6,230	1,800	2,464	0.40	35,431	12.09	4
Guba	3,691	*	*	-	*	*	*
Wenbera	8,753	4,290	5,144	0.59	77,919	12.76	3
Mandura	5,480	714	997	0.18	17,347	12.79	4
Dibate	9,136	5,314	6,815	0.75	123,175	13.93	3
Pawe	8,736	4,867	5,610	0.64	92,043	14.28	8
Bulen	5,223	2,428	3,179	0.61	50,687	12.30	2
Asosa Zone	56,202	16,619	18,241	0.32	344,468	17.19	7
Menge.....	8,563	451	503	0.06	8,754	15.83	5
Kurmak.....	3,723	*	*	-	*	*	*
Asosa	17,602	8,540	8,972	0.51	157,538	16.61	8
Sherkole	4,432	-	-	-	-	-	-
Bambasi.....	8,616	4,434	5,051	0.59	115,194	20.07	7
Oda Godere	6,052	1,386	1,704	0.28	20,649	9.94	3
Komesha	2,943	112	123	0.04	1,694	12.24	8
Mao Komo Special	4,272	1,687	1,880	0.44	40,630	19.53	7
Kemeshi Zone	18,583	4,714	5,433	0.29	55,636	8.98	3
Yaso.....	3,683	744	822	0.22	9,801	10.63	2
Sirba Abay.....	2,505	218	218	0.09	2,211	10.37	5
Kamashi	2,768	666	701	0.25	5,631	7.63	3
Agalo Meti	3,539	538	563	0.16	4,858	8.17	3
Belo Jigonfoy	6,088	2,549	3,129	0.51	33,135	8.90	3

TABLE 8.11A: - Number of Holders Reporting 'Wegel' -Tip Owned, Quantity Reported, Replacement Value, and Duration of Service of 'Wegel' -Tip, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Wegel' -Tips Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Wegel' -Tip (Birr)	Average Duration of Service of 'Wegel' -Tip (Years)
Benshangul-Gumuz Region.....	122,033	40,007	47,065	0.39	267,648	4.90	5
Metekel Zone	47,248	19,081	23,622	0.50	112,749	3.86	4
Dangur.....	6,230	1,592	2,053	0.33	9,499	3.34	4
Guba.....	3,691	*	*	-	*	*	*
Wenbera	8,753	4,271	5,196	0.59	42,817	6.85	3
Mandura	5,480	745	1,045	0.19	4,116	2.81	3
Dibate.....	9,136	5,197	6,624	0.73	23,283	2.72	3
Pawe.....	8,736	4,853	5,535	0.63	21,459	3.41	7
Bulen.....	5,223	2,419	3,165	0.61	11,554	2.77	2
Asosa Zone	56,202	16,276	18,070	0.32	129,441	6.47	7
Menge.....	8,563	406	509	0.06	4,141	7.10	4
Kurmak.....	3,723	-	-	-	-	-	-
Asosa.....	17,602	8,396	8,942	0.51	59,753	6.26	7
Sherkole	4,432	-	-	-	-	-	-
Bambasi.....	8,616	4,365	4,930	0.57	39,165	7.06	7
Oda Godere	6,052	1,403	1,737	0.29	11,913	5.65	4
Komesha.....	2,943	96	111	0.04	619	4.77	8
Mao Komo Special	4,272	1,611	1,842	0.43	13,850	6.57	5
Kemeshi Zone	18,583	4,650	5,372	0.29	25,457	4.25	3
Yaso.....	3,683	741	827	0.22	3,021	3.45	2
Sirba Abay.....	2,505	201	205	0.08	1,344	6.57	5
Kamashi	2,768	670	730	0.26	3,578	4.70	4
Agalo Meti	3,539	519	532	0.15	2,604	4.82	4
Belo Jegonfoy	6,088	2,518	3,078	0.51	14,911	4.10	3

TABLE 8.12A: - Number of Holders Reporting Yoke Owned, Quantity Reported, Replacement Value, and Duration of Service of Yoke, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Yokes Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Yoke (Birr)	Average Duration of Service of Yoke (Years)
Benshangul-Gumuz Region.....	122,033	40,318	49,620	0.41	183,542	3.05	3
Metekel Zone	47,248	19,263	25,525	0.54	86,391	2.58	3
Dangur.....	6,230	1,566	2,223	0.36	8,114	2.68	3
Guba.....	3,691	*	*	-	*	*	*
Wenbera	8,753	4,285	5,389	0.62	17,395	2.58	3
Mandura	5,480	730	1,062	0.19	3,896	2.51	2
Dibate.....	9,136	5,324	7,230	0.79	20,820	2.14	2
Pawe.....	8,736	4,934	6,388	0.73	22,940	2.78	3
Bulen.....	5,223	2,420	3,229	0.62	13,209	3.13	2
Asosa Zone	56,202	16,355	18,704	0.33	75,062	3.55	4
Menge.....	8,563	447	506	0.06	3,090	5.62	3
Kurmak.....	3,723	-	-	-	-	-	-
Asosa.....	17,602	8,328	9,168	0.52	38,360	3.81	4
Sherkole	4,432	-	-	-	-	-	-
Bambasi.....	8,616	4,395	5,294	0.61	19,273	3.07	4
Oda Godere	6,052	1,411	1,697	0.28	5,027	2.47	3
Komesha.....	2,943	105	105	0.04	670	6.38	6
Mao Komo Special	4,272	1,669	1,935	0.45	8,642	3.85	3
Kemeshi Zone	18,583	4,700	5,391	0.29	22,089	3.56	2
Yaso.....	3,683	758	839	0.23	2,280	2.54	2
Sirba Abay.....	2,505	189	197	0.08	476	2.35	4
Kamashi	2,768	660	690	0.25	1,880	2.64	3
Agalo Meti	3,539	545	578	0.16	1,136	1.80	3
Belo Jegonfoy	6,088	2,548	3,088	0.51	16,316	4.44	2

TABLE 8.13A: -Number of Holders Reporting Sickles Owned, Quantity Reported, Replacement Value, and Duration of Service of Sickles, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Sickles Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Sickles (Birr)	Average Duration of Service of Sickles (Years)
Benshangul-Gumuz Region.....	122,033	93,840	166,586	1.37	1,296,533	4.58	5
Metekel Zone	47,248	40,143	84,686	1.79	643,419	3.83	4
Dangur.....	6,230	5,445	10,528	1.69	93,515	5.04	4
Guba	3,691	1,257	2,500	0.68	15,650	3.13	5
Wenbera	8,753	7,869	17,247	1.97	155,024	4.17	5
Mandura	5,480	5,355	13,427	2.45	62,167	1.86	4
Dibate	9,136	8,294	18,583	2.03	115,045	2.80	4
Pawe	8,736	6,936	10,537	1.21	108,466	6.97	6
Bulen	5,223	4,988	11,864	2.27	93,552	3.46	4
Asosa Zone	56,202	38,888	55,030	0.98	506,060	6.45	6
Menge.....	8,563	3,780	4,675	0.55	41,350	7.02	5
Kurmak.....	3,723	2,261	3,146	0.85	23,820	5.53	5
Asosa	17,602	13,656	20,637	1.17	208,079	6.59	7
Sherkole	4,432	3,247	4,957	1.12	35,160	4.70	4
Bambasi.....	8,616	6,881	9,873	1.15	90,000	6.39	7
Oda Godere	6,052	3,913	4,815	0.80	41,716	7.04	5
Komesha.....	2,943	1,929	2,473	0.84	25,661	8.06	5
Mao Komo Special	4,272	3,221	4,454	1.04	40,273	6.48	6
Kemeshi Zone	18,583	14,808	26,870	1.45	147,054	3.08	5
Yaso.....	3,683	3,305	6,856	1.86	22,676	1.67	4
Sirba Abay.....	2,505	1,720	2,489	0.99	19,562	5.23	7
Kamashi	2,768	2,010	3,218	1.16	17,827	3.52	5
Agalo Meti	3,539	2,823	4,435	1.25	16,883	2.46	5
Belo Jigonfoy	6,088	4,951	9,872	1.62	70,106	3.66	5

TABLE 8.14A: - Number of Holders Reporting Hay-Fork (Metal) Owned, Quantity Reported, Replacement Value, and Duration of Service of Hay-Fork, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Hay-Forks Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Hay-Fork (Birr)	Average Duration of Service of Hay-Fork (Years)
Benshangul-Gumuz Region.....	122,033	559	762	0.01	3,302	3.71	6
Metekel Zone	47,248	380	567	0.01	1,510	1.86	5
Dangur.....	6,230	*	*	-	*	*	*
Guba	3,691	-	-	-	-	-	-
Wenbera	8,753	102	154	0.02	474	*	4
Mandura	5,480	*	*	-	*	*	*
Dibate	9,136	*	*	-	*	*	*
Pawe	8,736	109	151	0.02	361	1.49	6
Bulen	5,223	*	*	-	*	*	*
Asosa Zone	56,202	*	*	-	*	*	*
Menge.....	8,563	-	-	-	-	-	-
Kurmak.....	3,723	*	*	-	*	*	*
Asosa	17,602	*	*	-	*	*	*
Sherkole	4,432	-	-	-	-	-	-
Bambasi.....	8,616	-	-	-	-	-	-
Oda Godere	6,052	-	-	-	-	-	-
Komesha.....	2,943	-	-	-	-	-	-
Mao Komo Special	4,272	-	-	-	-	-	-
Kemeshi Zone	18,583	88	103	0.01	502	4.73	8
Yaso.....	3,683	34	49	0.01	59	0.89	1
Sirba Abay.....	2,505	*	*	-	*	*	*
Kamashi	2,768	*	*	-	*	*	*
Agalo Meti	3,539	*	*	-	*	*	*
Belo Jigonfoy	6,088	*	*	-	*	*	*

TABLE 8.15A: - Number of Holders Reporting Hay-Fork (Wood) Owned, Quantity Reported, Replacement Value, and Duration of Service of Hay-Fork, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Hay-Forks Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Hay-Fork (Birr)	Average Duration of Service of Hay-Fork (Years)
Benshangul-Gumuz Region.....	122,033	23,042	45,355	0.37	81,684	0.96	3
Metekel Zone	47,248	16,999	36,091	0.76	61,395	0.81	3
Dangur.....	6,230	1,258	2,710	0.43	6,128	1.18	4
Guba.....	3,691	11	53	0.01	*	0.78	3
Wenbera.....	8,753	3,750	7,677	0.88	14,160	0.92	3
Mandura.....	5,480	1,778	3,536	0.65	4,415	0.58	2
Dibate.....	9,136	4,555	10,979	1.20	15,691	0.59	2
Pawe.....	8,736	3,562	6,755	0.77	13,103	1.00	3
Bulen.....	5,223	2,084	4,381	0.84	7,743	0.86	2
Asosa Zone	56,202	5,298	7,967	0.14	17,756	1.57	3
Menge.....	8,563	*	*	-	*	*	*
Kurmak.....	3,723	210	229	0.06	449	1.83	2
Asosa.....	17,602	3,279	4,733	0.27	10,690	1.65	3
Sherkole.....	4,432	*	*	-	*	*	*
Bambasi.....	8,616	1,176	1,728	0.20	3,600	1.37	3
Oda Godere.....	6,052	414	951	0.16	1,041	0.49	2
Komesha.....	2,943	-	-	-	-	-	-
Mao Komo Special.....	4,272	*	*	-	*	*	*
Kemeshi Zone.....	18,583	745	1,296	0.07	2,533	1.11	3
Yaso.....	3,683	272	446	0.12	875	0.63	2
Sirba Abay.....	2,505	64	122	0.05	183	0.88	*
Kamashi.....	2,768	196	324	0.12	465	1.23	4
Agalo Meti.....	3,539	74	205	0.06	320	0.67	3
Belo Jigonfoy.....	6,088	139	198	0.03	690	2.62	4

TABLE 8.16A: - Number of Holders Reporting Threshing Stick Owned, Quantity Reported, Replacement Value, and Duration of Service of Threshing Stick, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Threshing Sticks Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Threshing Stick (Birr)	Average Duration of Service of Threshing Stick (Years)
Benshangul-Gumuz Region.....	122,033	27,015	67,057	0.55	66,922	0.53	2
Metekel Zone	47,248	9,044	30,798	0.65	25,265	0.35	2
Dangur.....	6,230	1,627	15,289	2.45	7,392	0.07	1
Guba.....	3,691	162	1,537	0.42	266	0.03	1
Wenbera.....	8,753	3,490	6,790	0.78	11,101	0.83	3
Mandura.....	5,480	1,023	2,296	0.42	925	0.18	1
Dibate.....	9,136	1,059	2,112	0.23	2,042	0.69	2
Pawe.....	8,736	142	191	0.02	332	1.31	3
Bulen.....	5,223	1,541	2,583	0.49	3,207	0.73	2
Asosa Zone	56,202	16,866	32,866	0.58	36,891	0.68	2
Menge.....	8,563	2,431	3,950	0.46	4,498	0.71	2
Kurmak.....	3,723	1,309	2,207	0.59	5,533	1.49	2
Asosa.....	17,602	5,725	12,266	0.70	8,590	0.36	1
Sherkole.....	4,432	1,604	2,588	0.58	6,568	1.57	2
Bambasi.....	8,616	3,018	6,623	0.77	4,329	0.33	1
Oda Godere.....	6,052	819	2,192	0.36	1,626	*	1
Komesha.....	2,943	257	493	0.17	779	0.95	3
Mao Komo Special.....	4,272	1,702	2,547	0.60	4,968	1.67	4
Kemeshi Zone.....	18,583	1,104	3,393	0.18	4,766	0.63	2
Yaso.....	3,683	133	186	0.05	300	0.94	2
Sirba Abay.....	2,505	*	*	-	*	*	*
Kamashi.....	2,768	195	382	0.14	667	0.80	2
Agalo Meti.....	3,539	138	342	0.10	265	0.43	3
Belo Jigonfoy.....	6,088	582	2,354	0.39	3,364	0.60	1

TABLE 8.17A: - Number of Holders Reporting Winnower (Metal) Owned, Quantity Reported, Replacement Value, and Duration of Service of Winnower, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Winnowers Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Winnower (Birr)	Average Duration of Service of Winnower (Years)
Benshangul-Gumuz Region.....	122,033	364	485	0.00	2,611	4.44	7
Metekel Zone	47,248	180	285	0.01	972	2.32	8
Dangur.....	6,230	*	*	-	*	*	*
Guba.....	3,691	*	*	-	*	*	*
Wenbera	8,753	90	156	0.02	576	*	*
Mandura	5,480	*	*	-	*	*	*
Dibate	9,136	*	*	-	*	*	*
Pawe	8,736	*	*	-	*	*	*
Bulen	5,223	*	*	-	*	*	*
Asosa Zone	56,202	61	74	0.00	*	*	*
Menge.....	8,563	-	-	-	-	-	-
Kurmak.....	3,723	*	*	-	*	*	*
Asosa.....	17,602	*	*	-	*	*	*
Sherkole	4,432	-	-	-	-	-	-
Bambasi.....	8,616	*	*	-	*	*	*
Oda Godere	6,052	*	*	-	*	*	*
Komesha.....	2,943	-	-	-	-	-	-
Mao Komo Special	4,272	-	-	-	-	-	-
Kemeshi Zone	18,583	123	127	0.01	1,158	8.94	7
Yaso.....	3,683	*	*	-	*	*	*
Sirba Abay.....	2,505	*	*	-	*	*	*
Kamashi	2,768	63	63	0.02	845	13.42	9
Agalo Meti	3,539	28	32	0.01	139	3.62	8
Belo Jegonfoy	6,088	26	26	0.00	157	6.05	*

TABLE 8.18A:- Number of Holders Reporting Winnower(Wood) Owned, Quantity Reported, Replacement Value, and Duration of Service of Winnower, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Winnowers Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Winnower (Birr)	Average Duration of Service of Winnower (Years)
Benshangul-Gumuz Region.....	122,033	19,124	27,359	0.22	111,111	3.07	6
Metekel Zone	47,248	12,674	19,331	0.41	64,924	2.33	5
Dangur.....	6,230	1,922	3,698	0.59	12,721	1.96	5
Guba.....	3,691	434	784	0.21	2,969	2.26	6
Wenbera	8,753	1,863	2,626	0.30	8,275	2.29	6
Mandura	5,480	1,677	2,725	0.50	7,315	1.66	5
Dibate	9,136	2,933	4,633	0.51	12,586	1.82	4
Pawe	8,736	1,658	1,904	0.22	9,076	4.25	5
Bulen	5,223	2,186	2,960	0.57	11,982	3.00	3
Asosa Zone	56,202	3,694	4,325	0.08	31,593	6.51	7
Menge.....	8,563	71	71	0.01	670	9.43	6
Kurmak.....	3,723	211	384	0.10	1,189	1.76	2
Asosa.....	17,602	1,821	2,029	0.12	17,766	7.88	7
Sherkole	4,432	202	289	0.07	861	1.91	2
Bambasi.....	8,616	889	964	0.11	6,847	6.69	8
Oda Godere	6,052	396	459	0.08	4,097	8.00	9
Komesha.....	2,943	-	-	-	-	-	-
Mao Komo Special	4,272	*	*	-	*	*	*
Kemeshi Zone	18,583	2,757	3,703	0.20	14,594	2.95	8
Yaso.....	3,683	239	292	0.08	741	2.10	6
Sirba Abay.....	2,505	837	1,223	0.49	4,603	2.48	8
Kamashi	2,768	267	335	0.12	1,424	3.52	10
Agalo Meti	3,539	880	1,202	0.34	4,287	2.67	8
Belo Jegonfoy	6,088	533	651	0.11	3,538	4.45	9

TABLE 8. 19A: - Number of Holders Reporting Sprayer (Hand operated) Owned, Quantity Reported, Replacement Value, Duration of Service of Sprayer, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Sprayers Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Sprayer (Birr)	Average Duration of Service of Sprayer (Years)
Benshangul-Gumuz Region.....	122,033	484	719	0.01	7,683	9.04	5
Metekel Zone	47,248	149	239	0.01	2,868	8.84	4
Dangur.....	6,230	*	*	-	*	*	*
Guba	3,691	-	-	-	-	-	-
Wenbera	8,753	*	*	-	*	*	*
Mandura	5,480	*	*	-	*	*	*
Dibate	9,136	71	110	0.01	*	*	4
Pawe	8,736	*	*	-	*	*	*
Bulen	5,223	-	-	-	-	-	-
Asosa Zone	56,202	264	366	0.01	2,924	7.22	5
Menge.....	8,563	*	*	-	*	*	*
Kurmak.....	3,723	*	*	-	*	*	*
Asosa	17,602	*	*	-	*	*	*
Sherkole	4,432	-	-	-	-	-	-
Bambasi.....	8,616	*	*	-	*	*	*
Oda Godere	6,052	*	*	-	*	*	*
Komesha.....	2,943	67	*	-	*	*	*
Mao Komo Special	4,272	*	*	-	*	*	*
Kemeshi Zone	18,583	71	115	0.01	*	*	7
Yaso.....	3,683	43	71	0.02	306	*	*
Sirba Abay.....	2,505	*	*	-	*	*	*
Kamashi	2,768	*	*	-	*	*	*
Agalo Meti	3,539	-	-	-	-	-	-
Belo Jigonfoy	6,088	*	*	-	*	*	*

TABLE 8.20A: - Number of Holders Reporting Wheelbarrow Owned, Quantity Reported, Replacement Value and Duration of Service of Wheelbarrow, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Wheelbarrows Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Wheelbarrow (Birr)	Average Duration of Service of Wheelbarrow (Years)
Benshangul-Gumuz Region.....	122,033	119	119	0.00	*	*	*
Metekel Zone	47,248	*	*	-	*	*	*
Dangur.....	6,230	-	-	-	-	-	-
Guba	3,691	-	-	-	-	-	-
Wenbera	8,753	*	*	-	*	*	*
Mandura	5,480	-	-	-	-	-	-
Dibate	9,136	-	-	-	-	-	-
Pawe	8,736	*	*	-	*	*	*
Bulen	5,223	-	-	-	-	-	-
Asosa Zone	56,202	*	*	-	*	*	*
Menge.....	8,563	-	-	-	-	-	-
Kurmak.....	3,723	-	-	-	-	-	-
Asosa	17,602	*	*	-	*	*	*
Sherkole	4,432	-	-	-	-	-	-
Bambasi.....	8,616	-	-	-	-	-	-
Oda Godere	6,052	-	-	-	-	-	-
Komesha.....	2,943	-	-	-	-	-	-
Mao Komo Special	4,272	-	-	-	-	-	-
Kemeshi Zone	18,583	52	52	0.00	1,306	25.12	1
Yaso.....	3,683	-	-	-	-	-	-
Sirba Abay.....	2,505	-	-	-	-	-	-
Kamashi	2,768	-	-	-	-	-	-
Agalo Meti	3,539	-	-	-	-	-	-
Belo Jigonfoy	6,088	52	52	0.01	1,306	25.12	1

TABLE 8.21A: - Number of Holders Reporting Ass (Specifically for ploughing) Owned, Quantity Reported, Replacement Value and Average age of Ass, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Asses Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per ASS (Birr)	Average Age of ASS (Years)
Benshangul-Gumuz Region.....	122,033	131	204	0.00	47,477	145.30	3
Metekel Zone	47,248	-	-	-	-	-	-
Dangur.....	6,230	-	-	-	-	-	-
Guba.....	3,691	-	-	-	-	-	-
Wenbera.....	8,753	-	-	-	-	-	-
Mandura.....	5,480	-	-	-	-	-	-
Dibate.....	9,136	-	-	-	-	-	-
Pawe.....	8,736	-	-	-	-	-	-
Bulen.....	5,223	-	-	-	-	-	-
Asosa Zone	56,202	-	-	-	-	-	-
Menge.....	8,563	-	-	-	-	-	-
Kurmak.....	3,723	-	-	-	-	-	-
Asosa.....	17,602	-	-	-	-	-	-
Sherkole.....	4,432	-	-	-	-	-	-
Bambasi.....	8,616	-	-	-	-	-	-
Oda Godere.....	6,052	-	-	-	-	-	-
Komesha.....	2,943	-	-	-	-	-	-
Mao Komo Special.....	4,272	-	-	-	-	-	-
Kemeshi Zone.....	18,583	131	204	0.01	47,477	145.30	3
Yaso.....	3,683	15	15	0.00	3,034	202.27	10
Sirba Abay.....	2,505	-	-	-	-	-	-
Kamashi.....	2,768	-	-	-	-	-	-
Agalo Meti.....	3,539	-	-	-	-	-	-
Belo Jigonfof.....	6,088	116	189	0.03	44,443	140.78	3

TABLE 8.22A: -Number of Holders Reporting Ox (Specifically for ploughing) Owned, Quantity Reported, Replacement Value and Average age of Ox, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Oxen Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Ox (Birr)	Average Age of Ox (Years)
Benshangul-Gumuz Region.....	122,033	37,325	70,623	0.58	37,741,909	274.67	6
Metekel Zone	47,248	17,758	37,991	0.80	22,726,862	277.08	6
Dangur.....	6,230	1,473	3,069	0.49	2,323,042	361.91	6
Guba.....	3,691	*	*	-	*	*	*
Wenbera.....	8,753	3,946	8,452	0.97	4,340,516	247.42	5
Mandura.....	5,480	666	1,648	0.30	1,019,113	247.47	7
Dibate.....	9,136	5,100	12,676	1.39	7,697,022	234.02	6
Pawe.....	8,736	4,262	7,356	0.84	4,370,968	339.36	5
Bulen.....	5,223	2,308	4,783	0.92	2,970,616	303.41	6
Asosa Zone	56,202	15,685	25,414	0.45	11,587,180	277.92	6
Menge.....	8,563	557	1,059	0.12	630,173	283.81	4
Kurmak.....	3,723	*	*	-	*	*	*
Asosa.....	17,602	8,278	12,823	0.73	5,757,447	288.60	6
Sherkole.....	4,432	*	*	-	*	*	*
Bambasi.....	8,616	3,968	6,789	0.79	2,950,082	252.24	5
Oda Godere.....	6,052	1,055	2,021	0.33	993,521	253.04	5
Komesha.....	2,943	54	113	0.04	62,503	269.88	3
Mao Komo Special.....	4,272	1,753	2,579	0.60	1,173,829	307.84	8
Kemeshi Zone.....	18,583	3,883	7,218	0.39	3,427,868	250.57	4
Yaso.....	3,683	577	1,030	0.28	484,129	262.01	6
Sirba Abay.....	2,505	120	178	0.07	78,145	296.51	5
Kamashi.....	2,768	530	893	0.32	378,135	238.24	4
Agalo Meti.....	3,539	479	864	0.24	431,342	272.54	5
Belo Jigonfof.....	6,088	2,177	4,254	0.70	2,056,117	243.95	4

TABLE 8.23A: - Number of Holders Reporting Ass (For transportation) Owned, Quantity Reported, Replacement Value and Average age of Ass, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Asses Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Ass (Birr)	Average Age of Ass (Years)
Benshangul-Gumuz Region.....	122,033	19,020	23,484	0.19	6,995,649	239.61	6
Metekel Zone	47,248	9,028	10,635	0.23	2,920,199	226.85	5
Dangur.....	6,230	1,102	1,293	0.21	366,806	242.97	4
Guba	3,691	628	915	0.25	351,051	268.71	6
Wenbera	8,753	2,994	3,491	0.40	848,747	210.09	5
Mandura	5,480	496	638	0.12	120,262	152.87	7
Dibate	9,136	1,938	2,093	0.23	588,811	241.37	6
Pawe	8,736	290	347	0.04	69,521	169.73	5
Bulen	5,223	1,580	1,859	0.36	575,000	246.09	5
Asosa Zone	56,202	7,964	10,343	0.18	3,362,767	254.37	7
Menge.....	8,563	2,208	3,015	0.35	1,031,835	257.54	6
Kurmak.....	3,723	291	301	0.08	123,655	397.43	10
Asosa	17,602	1,653	2,036	0.12	629,704	257.79	6
Sherkole	4,432	794	1,073	0.24	386,601	273.93	6
Bambasi.....	8,616	1,046	1,521	0.18	464,529	210.00	8
Oda Godere	6,052	854	1,094	0.18	318,472	230.81	6
Komesha.....	2,943	522	687	0.23	253,460	277.67	7
Mao Komo Special	4,272	595	616	0.14	154,512	248.96	8
Kemeshi Zone	18,583	2,028	2,505	0.13	712,683	232.97	6
Yaso.....	3,683	347	410	0.11	105,988	218.18	5
Sirba Abay.....	2,505	323	392	0.16	119,898	252.66	6
Kamashi	2,768	413	512	0.18	159,486	256.59	6
Agalo Meti	3,539	429	565	0.16	158,156	215.46	7
Belo Jigonfoy	6,088	515	626	0.10	169,154	226.82	6

TABLE 8.24A: - Number of Holders Reporting Cattle (Working Age for Threshing and Transportation) Owned, Quantity Reported, Replacement Value and Average age of Cattle, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Cattle Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Cattle (Birr)	Average Age of Cattle (Years)
Benshangul-Gumuz Region.....	122,033	40,001	109,360	0.90	53,259,868	178.70	6
Metekel Zone	47,248	19,216	63,146	1.34	33,633,095	167.53	6
Dangur.....	6,230	1,611	5,251	0.84	3,506,073	209.71	6
Guba	3,691	108	312	0.08	131,039	160.84	8
Wenbera	8,753	4,089	15,665	1.79	6,922,513	122.86	6
Mandura	5,480	753	3,793	0.69	1,787,627	99.07	8
Dibate	9,136	5,668	17,854	1.95	10,145,813	176.82	6
Pawe	8,736	4,545	12,065	1.38	6,786,628	211.04	6
Bulen	5,223	2,441	8,208	1.57	4,353,402	173.49	6
Asosa Zone	56,202	16,361	34,513	0.61	14,499,200	204.28	6
Menge.....	8,563	591	1,196	0.14	598,751	249.59	4
Kurmak.....	3,723	*	*	-	*	*	*
Asosa	17,602	8,714	17,736	1.01	7,348,506	209.03	6
Sherkole	4,432	*	*	-	*	*	*
Bambasi.....	8,616	3,921	7,821	0.91	3,299,362	215.25	5
Oda Godere	6,052	1,094	2,979	0.49	1,284,547	168.18	5
Komesha.....	2,943	60	155	0.05	93,565	220.96	5
Mao Komo Special	4,272	1,960	4,596	1.08	1,854,844	176.71	7
Kemeshi Zone	18,583	4,424	11,701	0.63	5,127,573	163.49	5
Yaso.....	3,683	900	2,508	0.68	935,147	142.18	6
Sirba Abay.....	2,505	131	196	0.08	79,551	288.95	5
Kamashi	2,768	636	1,945	0.70	924,414	117.90	5
Agalo Meti	3,539	502	1,110	0.31	496,334	213.16	5
Belo Jigonfoy	6,088	2,255	5,941	0.98	2,692,127	174.02	4

TABLE 8.25A:- Number of Holders Reporting Horse (For transportation) Owned, Quantity Reported, Replacement Value and Average age of Horse, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Horses Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Horse (Birr)	Average Age of Horse (Years)
Benshangul-Gumuz Region.....	122,033	225	351	0.00	202,890	376.84	8
Metekel Zone	47,248	183	310	0.01	181,945	359.12	8
Dangur.....	6,230	-	-	-	-	-	-
Guba	3,691	-	-	-	-	-	-
Wenbera	8,753	156	283	0.03	158,792	311.57	8
Mandura	5,480	-	-	-	-	-	-
Dibate	9,136	*	*	-	*	*	*
Pawe	8,736	-	-	-	-	-	-
Bulen	5,223	-	-	-	-	-	-
Asosa Zone	56,202	*	*	-	*	*	*
Menge.....	8,563	-	-	-	-	-	-
Kurmak.....	3,723	-	-	-	-	-	-
Asosa	17,602	-	-	-	-	-	-
Sherkole	4,432	-	-	-	-	-	-
Bambasi.....	8,616	-	-	-	-	-	-
Oda Godere	6,052	-	-	-	-	-	-
Komesha.....	2,943	-	-	-	-	-	-
Mao Komo Special	4,272	*	*	-	*	*	*
Kemeshi Zone	18,583	27	27	0.00	6,215	230.17	5
Yaso.....	3,683	-	-	-	-	-	-
Sirba Abay.....	2,505	-	-	-	-	-	-
Kamashi	2,768	27	27	0.01	6,215	230.17	5
Agalo Meti	3,539	-	-	-	-	-	-
Belo Jigonfoy	6,088	-	-	-	-	-	-

TABLE 8.26A:- Number of Holders Reporting 'Debignit' Owned, Quantity Reported, Replacement Value and Storage Capacity of 'Debignit', for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Debignits' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Debignit' (Birr)	Average Storage Capacity of 'Debignit' (Quintal)
Benshangul-Gumuz Region.....	122,033	10,485	19,100	0.16	138,175	4.11	5
Metekel Zone	47,248	4,441	10,359	0.22	70,398	2.62	5
Dangur.....	6,230	2,130	6,437	1.03	49,686	2.52	6
Guba	3,691	21	38	0.01	337	4.34	*
Wenbera	8,753	403	575	0.07	2,824	3.49	3
Mandura	5,480	406	838	0.15	5,116	2.69	6
Dibate	9,136	440	855	0.09	*	3.34	3
Pawe	8,736	1,011	1,578	0.18	5,541	2.22	6
Bulen	5,223	*	*	-	*	*	*
Asosa Zone	56,202	4,122	5,975	0.11	46,617	6.09	4
Menge.....	8,563	450	488	0.06	*	*	5
Kurmak.....	3,723	-	-	-	-	-	-
Asosa	17,602	1,663	2,631	0.15	13,523	3.54	3
Sherkole	4,432	-	-	-	-	-	-
Bambasi.....	8,616	1,559	2,204	0.26	15,619	5.23	4
Oda Godere	6,052	347	534	0.09	3,165	4.56	4
Komesha.....	2,943	103	118	0.04	2,863	22.41	6
Mao Komo Special	4,272	-	-	-	-	-	-
Kemeshi Zone	18,583	1,923	2,767	0.15	21,161	5.47	5
Yaso.....	3,683	851	1,166	0.32	4,536	2.86	3
Sirba Abay.....	2,505	331	421	0.17	8,873	15.65	13
Kamashi	2,768	155	196	0.07	1,467	6.04	3
Agalo Meti	3,539	522	887	0.25	5,567	3.97	5
Belo Jigonfoy	6,088	65	97	0.02	717	5.16	9

TABLE 8.27A: - Number of Holders Reporting 'Gottera' Owned, Quantity Reported, Replacement Value and Storage Capacity of 'Gottera', for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Gotteras' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Gottera' (Birr)	Average Storage Capacity of 'Gottera' (Quintal)
Benshangul-Gumuz Region.....	122,033	89,929	132,450	1.09	2,630,422	15.55	12
Metekel Zone	47,248	38,170	64,632	1.37	755,527	7.22	13
Dangur.....	6,230	4,374	6,654	1.07	76,649	8.03	23
Guba.....	3,691	2,313	2,579	0.70	65,999	24.19	16
Wenbera.....	8,753	6,838	11,242	1.28	156,890	8.73	10
Mandura.....	5,480	5,093	6,682	1.22	58,973	6.93	11
Dibate.....	9,136	8,181	16,654	1.82	193,777	5.53	12
Pawe.....	8,736	6,467	12,204	1.40	98,330	4.58	8
Bulen.....	5,223	4,903	8,616	1.65	104,909	6.80	18
Asosa Zone	56,202	38,188	49,749	0.89	1,645,479	28.48	12
Menge.....	8,563	5,554	6,162	0.72	379,906	55.96	14
Kurmak.....	3,723	2,314	2,384	0.64	196,682	80.88	13
Asosa.....	17,602	13,541	19,098	1.08	294,819	12.05	11
Sherkole.....	4,432	3,268	3,573	0.81	325,142	84.56	17
Bambasi.....	8,616	6,309	9,417	1.09	165,671	11.08	12
Oda Godere.....	6,052	2,600	2,829	0.47	99,841	32.54	12
Komesha.....	2,943	1,513	1,667	0.57	121,747	65.66	20
Mao Komo Special.....	4,272	3,089	4,620	1.08	61,670	8.84	10
Kemeshi Zone.....	18,583	13,571	18,068	0.97	229,416	9.79	11
Yaso.....	3,683	2,829	4,338	1.18	31,971	4.72	8
Sirba Abay.....	2,505	1,771	2,022	0.81	44,907	18.90	13
Kamashi.....	2,768	2,215	2,981	1.08	42,311	11.21	10
Agalo Meti.....	3,539	2,881	3,344	0.94	41,991	10.25	12
Belo Jigonfoy.....	6,088	3,875	5,383	0.88	68,236	9.37	11

TABLE 8.28A: - Number of Holders Reporting Modern Storage Facilities Owned, Quantity Reported, Replacement Value and Storage Capacity of Modern Storage, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Modern Storages Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Modern Storage (Birr)	Average Storage Capacity of Modern Storage (Quintal)
Benshangul-Gumuz Region.....	122,033	548	912	0.01	*	*	40
Metekel Zone	47,248	346	626	0.01	*	*	54
Dangur.....	6,230	*	*	-	*	*	*
Guba.....	3,691	-	-	-	-	-	-
Wenbera.....	8,753	*	*	-	*	*	*
Mandura.....	5,480	*	*	-	*	*	*
Dibate.....	9,136	*	*	-	*	*	*
Pawe.....	8,736	151	273	0.03	*	*	*
Bulen.....	5,223	*	*	-	*	*	*
Asosa Zone	56,202	202	287	0.01	8,067	24.59	15
Menge.....	8,563	*	*	-	*	*	*
Kurmak.....	3,723	45	45	0.01	2,354	52.30	17
Asosa.....	17,602	*	*	-	*	*	*
Sherkole.....	4,432	-	-	-	-	-	-
Bambasi.....	8,616	66	77	0.01	1,682	20.27	12
Oda Godere.....	6,052	*	*	-	*	*	*
Komesha.....	2,943	-	-	-	-	-	-
Mao Komo Special.....	4,272	*	*	-	*	*	*
Kemeshi Zone.....	18,583	-	-	-	-	-	-
Yaso.....	3,683	-	-	-	-	-	-
Sirba Abay.....	2,505	-	-	-	-	-	-
Kamashi.....	2,768	-	-	-	-	-	-
Agalo Meti.....	3,539	-	-	-	-	-	-
Belo Jigonfoy.....	6,088	-	-	-	-	-	-

STATISTICAL TABLES PRESENTING THE CENSUS
RESULTS AT
ZONAL AND WOREDA LEVELS

Tables 8.1B- 8.28B

Table 8.1B:- Number of Crop Holders that Owned Axe by Geographic area.

Geographic Area	Number of Crop holders that owned											
	No Axe		One Axe		Two Axes		Three Axes		Four Axes		Five and above Axes	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region	9,586	7.86	54,862	44.96	40,827	33.46	12,190	9.99	3,425	2.81	1,143	0.94
Metekel Zone.....	4,288	9.08	21,591	45.70	15,134	32.03	4,413	9.34	1,299	2.75	523	1.11
Dangur	673	10.80	3,315	53.21	1,742	27.96	363	5.83	119	1.91	18	0.29
Guba.....	134	3.63	1,435	38.88	1,419	38.44	449	12.16	170	4.61	84	2.28
Wenbera	689	7.87	3,369	38.49	3,339	38.15	963	11.00	266	3.04	127	1.45
Mandura	315	5.75	3,804	69.42	1,157	21.11	161	2.94	28	0.51	15	0.27
Dibate.....	502	5.49	3,964	43.39	3,255	35.63	1,065	11.66	270	2.96	80	0.88
Pawe.....	1,927	22.06	3,553	40.67	2,193	25.10	723	8.28	241	2.76	99	1.13
Bulen.....	49	0.94	2,150	41.16	2,028	38.83	688	13.17	207	3.96	101	1.93
Asosa Zone	4,202	7.48	26,015	46.29	18,665	33.21	5,470	9.73	1,425	2.54	425	0.76
Menge	334	3.90	4,372	51.06	2,792	32.61	829	9.68	183	2.14	53	0.62
Kurmak	296	7.95	1,812	48.67	1,176	31.59	311	8.35	90	2.42	38	1.02
Asosa	1,943	11.04	7,770	44.14	5,467	31.06	1,692	9.61	611	3.47	119	0.68
Sherkole	13	0.29	1,903	42.94	1,857	41.90	490	11.06	130	2.93	39	0.88
Bambasi	827	9.60	3,495	40.56	3,077	35.71	961	11.15	162	1.88	94	1.09
Oda Godere	292	4.82	3,090	51.06	2,002	33.08	512	8.46	119	1.97	37	0.61
Komesha	152	5.16	1,302	44.24	964	32.76	422	14.34	58	1.97	45	1.53
Mao Komo Special	345	8.08	2,270	53.14	1,330	31.13	254	5.95	73	1.71	-	-
Kemeshi Zone.....	1,096	5.90	7,256	39.05	7,029	37.82	2,306	12.41	701	3.77	195	1.05
Yaso	189	5.13	1,692	45.94	1,436	38.99	255	6.92	85	2.31	26	0.71
Sirba Abay	125	4.99	910	36.33	1,018	40.64	375	14.97	64	2.55	13	0.52
Kamashi	80	2.89	880	31.79	1,124	40.61	449	16.22	183	6.61	52	1.88
Agalo Meti	225	6.36	1,372	38.77	1,395	39.42	366	10.34	142	4.01	39	1.10
Belo Jigonfof	478	7.85	2,402	39.45	2,057	33.79	860	14.13	226	3.71	65	1.07

Table 8.2B:- Number of Crop Holders that Owned 'Gejera' by Geographic area.

Geographic area	Number of Crop holders that owned											
	No 'Gejera'		One 'Gejera'		Two 'Gejeras'		Three 'Gejeras'		Four 'Gejeras'		Five and above 'Gejeras'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region	75,726	62.05	35,302	28.93	8,321	6.82	1,991	1.63	524	0.43	169	0.14
Metekel Zone.....	39,599	83.81	5,823	12.32	1,392	2.95	294	0.62	102	0.22	38	0.08
Dangur	4,856	77.95	926	14.86	380	6.10	59	0.95	-	-	9	0.14
Guba.....	3,248	88.00	205	5.55	105	2.84	81	2.19	48	1.30	4	0.11
Wenbera	6,223	71.10	1,746	19.95	617	7.05	103	1.18	44	0.50	20	0.23
Mandura	5,312	96.93	141	2.57	27	0.49	-	-	-	-	-	-
Dibate.....	8,428	92.25	601	6.58	77	0.84	30	0.33	-	-	-	-
Pawe.....	6,537	74.83	2,014	23.05	154	1.76	21	0.24	10	0.11	-	-
Bulen.....	4,994	95.62	191	3.66	33	0.63	-	-	-	-	5	0.10
Asosa Zone	27,704	49.29	22,458	39.96	4,627	8.23	1,041	1.85	255	0.45	117	0.21
Menge	4,801	56.07	2,985	34.86	622	7.26	142	1.66	13	0.15	-	-
Kurmak	2,165	58.15	1,358	36.48	156	4.19	44	1.18	-	-	-	-
Asosa	6,835	38.83	8,973	50.98	1,430	8.12	247	1.40	100	0.57	17	0.10
Sherkole	2,864	64.62	1,235	27.87	264	5.96	48	1.08	21	0.47	-	-
Bambasi	3,945	45.79	3,572	41.46	739	8.58	229	2.66	54	0.63	77	0.89
Oda Godere	4,820	79.64	1,089	17.99	128	2.12	9	0.15	-	-	6	0.10
Komesha	1,046	35.54	1,181	40.13	602	20.46	90	3.06	24	0.82	-	-
Mao Komo Special	1,229	28.77	2,066	48.36	685	16.03	231	5.41	44	1.03	17	0.40
Kemeshi Zone.....	8,425	45.34	7,021	37.78	2,301	12.38	655	3.52	167	0.90	14	0.08
Yaso	1,244	33.78	1,643	44.61	453	12.30	306	8.31	35	0.95	2	0.05
Sirba Abay	1,589	63.43	592	23.63	260	10.38	34	1.36	18	0.72	12	0.48
Kamashi	727	26.26	1,400	50.58	485	17.52	134	4.84	22	0.79	-	-
Agalo Meti	2,439	68.92	1,014	28.65	78	2.20	8	0.23	-	-	-	-
Belo Jigonfof	2,427	39.87	2,372	38.96	1,025	16.84	173	2.84	91	1.49	-	-

Table 8.3B:- Number of Crop Holders that Owned Shovel by Geographic area

Geographic area	Number of Crop holders that owned											
	No Shovel		One Shovel		Two Shovels		Three Shovels		Four Shovels		Five and above Shovels	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region	103,042	84.44	17,940	14.70	922	0.76	112	0.09	6	0.00	11	0.01
Metekel Zone	39,769	84.17	7,130	15.09	319	0.68	27	0.06	3	0.01	-	-
Dangur	5,898	94.67	315	5.06	17	0.27	-	-	-	-	-	-
Guba	3,054	82.74	496	13.44	111	3.01	27	0.73	3	0.08	-	-
Wenbera.....	7,001	79.98	1,731	19.78	21	0.24	-	-	-	-	-	-
Mandura.....	5,305	96.81	160	2.92	15	0.27	-	-	-	-	-	-
Dibate	6,884	75.35	2,182	23.88	70	0.77	-	-	-	-	-	-
Pawe	7,145	81.79	1,528	17.49	63	0.72	-	-	-	-	-	-
Bulen.....	4,482	85.81	718	13.75	23	0.44	-	-	-	-	-	-
Asosa Zone.....	46,441	82.63	9,099	16.19	574	1.02	77	0.14	-	-	11	0.02
Menge.....	7,937	92.69	557	6.50	32	0.37	37	0.43	-	-	-	-
Kurmak.....	3,264	87.67	408	10.96	42	1.13	9	0.24	-	-	-	-
Asosa	12,670	71.98	4,646	26.39	286	1.62	-	-	-	-	-	-
Sherkole.....	3,932	88.72	449	10.13	51	1.15	-	-	-	-	-	-
Bambasi	6,893	80.00	1,673	19.42	40	0.46	10	0.12	-	-	-	-
Oda Godere.....	5,578	92.17	432	7.14	31	0.51	-	-	-	-	11	0.18
Komesha.....	2,160	73.39	676	22.97	85	2.89	22	0.75	-	-	-	-
Mao Komo Special.....	4,006	93.77	259	6.06	7	0.16	-	-	-	-	-	-
Kemeshi Zone	16,833	90.58	1,710	9.20	29	0.16	8	0.04	3	0.02	-	-
Yaso	3,564	96.77	113	3.07	3	0.08	-	-	3	0.08	-	-
Sirba Abay.....	2,452	97.88	53	2.12	-	-	-	-	-	-	-	-
Kamashi.....	2,284	82.51	473	17.09	11	0.40	-	-	-	-	-	-
Agalo Meti.....	3,378	95.45	153	4.32	-	-	8	0.23	-	-	-	-
Belo Jegonfoy.....	5,154	84.66	919	15.10	15	0.25	-	-	-	-	-	-

Table 8.4B: - Number of Crop Holders that Owned Hoe by Geographic area

Geographic area	Number of Crop holders that owned											
	No Hoe		One Hoe		Two Hoes		Three Hoes		Four Hoes		Five and above Hoes	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region	43,101	35.32	25,830	21.17	28,253	23.15	13,705	11.23	6,440	5.28	4,704	3.85
Metekel Zone	20,136	42.62	9,184	19.44	9,542	20.20	4,906	10.38	2,272	4.81	1,208	2.56
Dangur	3,196	51.30	1,524	24.46	835	13.40	387	6.21	221	3.55	67	1.08
Guba	2,877	77.95	156	4.23	308	8.34	182	4.93	92	2.49	76	2.06
Wenbera.....	911	10.41	2,346	26.80	2,697	30.81	1,510	17.25	723	8.26	566	6.47
Mandura.....	4,462	81.42	168	3.07	344	6.28	307	5.60	153	2.79	46	0.84
Dibate	1,764	19.31	2,232	24.43	3,072	33.63	1,301	14.24	601	6.58	166	1.82
Pawe	6,527	74.71	1,976	22.62	197	2.26	24	0.27	12	0.14	-	-
Bulen.....	400	7.66	782	14.97	2,090	40.02	1,196	22.90	469	8.98	286	5.48
Asosa Zone.....	20,387	36.27	13,762	24.49	11,846	21.08	5,390	9.59	2,466	4.39	2,351	4.18
Menge.....	822	9.60	1,989	23.23	2,815	32.87	1,334	15.58	740	8.64	863	10.08
Kurmak.....	3,007	80.77	361	9.70	204	5.48	59	1.58	30	0.81	62	1.67
Asosa	8,748	49.70	5,112	29.04	1,921	10.91	1,037	5.89	465	2.64	319	1.81
Sherkole.....	2,403	54.22	848	19.13	622	14.03	317	7.15	141	3.18	101	2.28
Bambasi	4,230	49.09	1,998	23.19	1,440	16.71	542	6.29	178	2.07	228	2.65
Oda Godere.....	675	11.15	1,262	20.85	2,431	40.17	862	14.24	471	7.78	351	5.80
Komesha.....	358	12.16	786	26.71	740	25.14	533	18.11	258	8.77	268	9.11
Mao Komo Special.....	143	3.35	1,406	32.91	1,675	39.21	706	16.53	183	4.28	159	3.72
Kemeshi Zone	2,580	13.88	2,884	15.52	6,864	36.94	3,408	18.34	1,702	9.16	1,145	6.16
Yaso	827	22.45	565	15.34	1,453	39.45	483	13.11	208	5.65	147	3.99
Sirba Abay.....	45	1.80	201	8.02	1,078	43.03	666	26.59	330	13.17	185	7.39
Kamashi.....	419	15.14	343	12.39	868	31.36	516	18.64	354	12.79	268	9.68
Agalo Meti.....	632	17.86	283	8.00	1,193	33.71	866	24.47	387	10.94	178	5.03
Belo Jegonfoy.....	658	10.81	1,492	24.51	2,271	37.30	877	14.41	423	6.95	367	6.03

Table 8.5B: - Number of Crop Holders that Owned 'Mekeskesh' by Geographic area

Geographic area	Number of Crop holders that owned											
	No 'Mekeskesh'		One 'Mekeskesh'		Two 'Mekeskeshes'		Three 'Mekeskeshes'		Four 'Mekeskeshes'		Five and above 'Mekeskeshes'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region	116,849	95.75	3,806	3.12	1,233	1.01	93	0.08	42	0.03	10	0.01
Metekel Zone.....	46,410	98.23	555	1.17	193	0.41	51	0.11	29	0.06	10	0.02
Dangur	6,215	99.76	8	0.13	7	0.11	-	-	-	-	-	-
Guba.....	3,691	100.00	-	-	-	-	-	-	-	-	-	-
Wenbera.....	8,216	93.86	304	3.47	155	1.77	39	0.45	29	0.33	10	0.11
Mandura.....	5,475	99.91	5	0.09	-	-	-	-	-	-	-	-
Dibate.....	9,061	99.18	61	0.67	14	0.15	-	-	-	-	-	-
Pawe.....	8,618	98.65	118	1.35	-	-	-	-	-	-	-	-
Bulen.....	5,137	98.35	58	1.11	16	0.31	12	0.23	-	-	-	-
Asosa Zone.....	52,360	93.16	3,076	5.47	730	1.30	36	0.06	-	-	-	-
Menge	8,498	99.24	65	0.76	-	-	-	-	-	-	-	-
Kurmak	3,627	97.42	79	2.12	17	0.46	-	-	-	-	-	-
Asosa	14,643	83.19	2,316	13.16	607	3.45	36	0.20	-	-	-	-
Sherkole	4,411	99.53	21	0.47	-	-	-	-	-	-	-	-
Bambasi	8,109	94.12	407	4.72	100	1.16	-	-	-	-	-	-
Oda Godere.....	5,949	98.30	97	1.60	6	0.10	-	-	-	-	-	-
Komesha	2,897	98.44	46	1.56	-	-	-	-	-	-	-	-
Mao Komo Special.....	4,227	98.95	45	1.05	-	-	-	-	-	-	-	-
Kemeshi Zone.....	18,078	97.28	176	0.95	310	1.67	6	0.03	13	0.07	-	-
Yaso	3,683	100.00	-	-	-	-	-	-	-	-	-	-
Sirba Abay	2,505	100.00	-	-	-	-	-	-	-	-	-	-
Kamashi	2,662	96.17	96	3.47	4	0.14	6	0.22	-	-	-	-
Agalo Meti	3,257	92.03	21	0.59	248	7.01	-	-	13	0.37	-	-
Belo Jegonfoy	5,971	98.08	58	0.95	59	0.97	-	-	-	-	-	-

Table 8.6B:- Number of Crop Holders that Owned Pick-Axe by Geographic area

Geographic area	Number of Crop holders that owned											
	No Pick-Axe		One Pick-Axe		Two Pick-Axes		Three Pick-Axes		Four Pick-Axes		Five and above Pick-Axes	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region	97,509	79.90	17,076	13.99	4,346	3.56	1,920	1.57	579	0.47	603	0.49
Metekel Zone.....	41,188	87.17	5,034	10.65	706	1.49	255	0.54	39	0.08	26	0.06
Dangur	5,405	86.76	706	11.33	69	1.11	36	0.58	7	0.11	7	0.11
Guba.....	3,011	81.58	458	12.41	198	5.36	18	0.49	3	0.08	3	0.08
Wenbera.....	8,488	96.97	255	2.91	10	0.11	-	-	-	-	-	-
Mandura.....	5,289	96.51	156	2.85	9	0.16	26	0.47	-	-	-	-
Dibate.....	7,674	84.00	980	10.73	297	3.25	140	1.53	29	0.32	16	0.18
Pawe.....	6,699	76.68	1,892	21.66	109	1.25	36	0.41	-	-	-	-
Bulen.....	4,621	88.47	587	11.24	15	0.29	-	-	-	-	-	-
Asosa Zone.....	40,190	71.51	11,028	19.62	2,866	5.10	1,195	2.13	443	0.79	480	0.85
Menge	7,772	90.76	570	6.66	110	1.28	25	0.29	16	0.19	70	0.82
Kurmak	2,432	65.32	535	14.37	346	9.29	257	6.90	59	1.58	94	2.52
Asosa	10,456	59.40	5,609	31.87	1,051	5.97	359	2.04	92	0.52	35	0.20
Sherkole	3,574	80.64	401	9.05	169	3.81	108	2.44	88	1.99	92	2.08
Bambasi	4,834	56.10	2,836	32.92	642	7.45	155	1.80	50	0.58	99	1.15
Oda Godere.....	4,780	78.98	598	9.88	375	6.20	159	2.63	88	1.45	52	0.86
Komesha	2,146	72.92	404	13.73	172	5.84	132	4.49	51	1.73	38	1.29
Mao Komo Special.....	4,196	98.22	76	1.78	-	-	-	-	-	-	-	-
Kemeshi Zone.....	16,132	86.81	1,015	5.46	774	4.17	470	2.53	96	0.52	96	0.52
Yaso	2,903	78.82	183	4.97	264	7.17	285	7.74	35	0.95	13	0.35
Sirba Abay	2,455	98.00	40	1.60	10	0.40	-	-	-	-	-	-
Kamashi	2,223	80.31	260	9.39	235	8.49	36	1.30	14	0.51	-	-
Agalo Meti	2,976	84.09	92	2.60	191	5.40	150	4.24	47	1.33	83	2.35
Belo Jegonfoy	5,575	91.57	439	7.21	74	1.22	-	-	-	-	-	-

Table 8.7B: - Number of Crop Holders that Owned 'Deger' by Geographic area

Geographic area	Number of Crop holders that owned											
	No 'Deger'		One 'Deger'		Two 'Degers'		Three 'Degers'		Four 'Degers'		Five and above 'Degers'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region	81,754	66.99	21,804	17.87	14,620	11.98	772	0.63	2,604	2.13	479	0.39
Metekel Zone.....	28,053	59.37	9,795	20.73	7,131	15.09	527	1.12	1,411	2.99	331	0.70
Dangur	4,638	74.45	843	13.53	629	10.10	53	0.85	53	0.85	14	0.22
Guba.....	3,688	99.92	3	0.08	-	-	-	-	-	-	-	-
Wenbera.....	4,480	51.18	2,551	29.14	1,313	15.00	72	0.82	311	3.55	26	0.30
Mandura.....	4,744	86.57	216	3.94	325	5.93	7	0.13	170	3.10	18	0.33
Dibate.....	3,859	42.24	2,785	30.48	1,738	19.02	223	2.44	353	3.86	178	1.95
Pawe.....	3,834	43.89	2,737	31.33	1,789	20.48	129	1.48	226	2.59	21	0.24
Bulen.....	2,810	53.80	660	12.64	1,338	25.62	43	0.82	298	5.71	74	1.42
Asosa Zone.....	39,793	70.80	9,779	17.40	5,502	9.79	196	0.35	815	1.45	117	0.21
Menge.....	8,117	94.79	232	2.71	183	2.14	13	0.15	9	0.11	9	0.11
Kurmak.....	3,723	100.00	-	-	-	-	-	-	-	-	-	-
Asosa.....	9,177	52.14	4,828	27.43	3,006	17.08	45	0.26	506	2.87	40	0.23
Sherkole.....	4,432	100.00	-	-	-	-	-	-	-	-	-	-
Bambasi.....	4,236	49.16	2,305	26.75	1,637	19.00	96	1.11	281	3.26	61	0.71
Oda Godere.....	4,658	76.97	995	16.44	346	5.72	37	0.61	9	0.15	7	0.12
Komesha.....	2,847	96.74	72	2.45	21	0.71	-	-	3	0.10	-	-
Mao Komo Special.....	2,604	60.96	1,347	31.53	309	7.23	5	0.12	7	0.16	-	-
Kemeshi Zone.....	13,907	74.84	2,231	12.01	1,987	10.69	50	0.27	378	2.03	30	0.16
Yaso.....	2,930	79.55	414	11.24	315	8.55	12	0.33	12	0.33	-	-
Sirba Abay.....	2,317	92.50	172	6.87	8	0.32	-	-	8	0.32	-	-
Kamashi.....	2,101	75.90	307	11.09	341	12.32	-	-	19	0.69	-	-
Agalo Meti.....	3,014	85.17	389	10.99	136	3.84	-	-	-	-	-	-
Belo Jegonfoy.....	3,545	58.23	949	15.59	1,187	19.50	38	0.62	339	5.57	30	0.49

Table 8.8B:- Number of Crop Holders that Owned 'Erfe' by Geographic area.

Geographic area	Number of Crop holders that owned											
	No 'Erfe'		One 'Erfe'		Two 'Erfes'		Three 'Erfes'		Four 'Erfes'		Five and above 'Erfes'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region	82,900	67.93	27,986	22.93	8,239	6.75	1,719	1.41	961	0.79	228	0.19
Metekel Zone.....	28,339	59.98	11,931	25.25	5,099	10.79	1,084	2.29	632	1.34	163	0.34
Dangur	4,673	75.01	1,006	16.15	402	6.45	61	0.98	59	0.95	29	0.47
Guba.....	3,688	99.92	3	0.08	-	-	-	-	-	-	-	-
Wenbera.....	4,513	51.56	3,201	36.57	898	10.26	90	1.03	51	0.58	-	-
Mandura.....	4,751	86.70	401	7.32	255	4.65	48	0.88	25	0.46	-	-
Dibate.....	3,954	43.28	3,078	33.69	1,554	17.01	267	2.92	217	2.38	66	0.72
Pawe.....	3,889	44.52	3,008	34.43	1,268	14.51	431	4.93	128	1.47	12	0.14
Bulen.....	2,873	55.01	1,233	23.61	721	13.80	187	3.58	153	2.93	56	1.07
Asosa Zone.....	40,520	72.10	12,333	21.94	2,458	4.37	544	0.97	293	0.52	54	0.10
Menge.....	8,137	95.03	375	4.38	20	0.23	13	0.15	18	0.21	-	-
Kurmak.....	3,723	100.00	-	-	-	-	-	-	-	-	-	-
Asosa.....	9,403	53.42	6,754	38.37	1,104	6.27	202	1.15	118	0.67	21	0.12
Sherkole.....	4,424	99.82	-	-	8	0.18	-	-	-	-	-	-
Bambasi.....	4,343	50.41	3,105	36.04	778	9.03	250	2.90	129	1.50	11	0.13
Oda Godere.....	4,862	80.34	1,005	16.61	160	2.64	25	0.41	-	-	-	-
Komesha.....	2,841	96.53	102	3.47	-	-	-	-	-	-	-	-
Mao Komo Special.....	2,788	65.26	992	23.22	388	9.08	54	1.26	29	0.68	21	0.49
Kemeshi Zone.....	14,040	75.55	3,722	20.03	682	3.67	91	0.49	36	0.19	12	0.06
Yaso.....	3,009	81.70	575	15.61	99	2.69	-	-	-	-	-	-
Sirba Abay.....	2,325	92.81	172	6.87	8	0.32	-	-	-	-	-	-
Kamashi.....	2,106	76.08	592	21.39	70	2.53	-	-	-	-	-	-
Agalo Meti.....	3,026	85.50	481	13.59	32	0.90	-	-	-	-	-	-
Belo Jegonfoy.....	3,576	58.74	1,901	31.23	472	7.75	91	1.49	36	0.59	12	0.20

Table 8.9B:- Number of Crop Holders that Owned Plough-Beam by Geographic area.

Geographic area	Number of Crop holders that owned											
	No Plough-Beam		One Plough-Beam		Two Plough-Beams		Three Plough-Beams		Four Plough-Beams		Five and above Plough-Beams	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region	81,461	66.75	29,436	24.12	9,159	7.51	1,533	1.26	372	0.30	72	0.06
Metekel Zone.....	27,968	59.19	12,668	26.81	5,528	11.70	816	1.73	239	0.51	29	0.06
Dangur	4,626	74.25	1,017	16.32	510	8.19	36	0.58	18	0.29	23	0.37
Guba.....	3,688	99.92	3	0.08	-	-	-	-	-	-	-	-
Wenbera.....	4,489	51.29	3,259	37.23	855	9.77	138	1.58	12	0.14	-	-
Mandura.....	4,750	86.68	434	7.92	253	4.62	34	0.62	9	0.16	-	-
Dibate.....	3,792	41.51	3,431	37.55	1,599	17.50	189	2.07	125	1.37	-	-
Pawe.....	3,827	43.81	2,835	32.45	1,693	19.38	334	3.82	47	0.54	-	-
Bulen.....	2,799	53.59	1,689	32.34	618	11.83	85	1.63	27	0.52	5	0.10
Asosa Zone.....	39,611	70.48	12,812	22.80	3,005	5.35	626	1.11	107	0.19	41	0.07
Menge	8,108	94.69	386	4.51	49	0.57	20	0.23	-	-	-	-
Kurmak	3,713	99.73	10	0.27	-	-	-	-	-	-	-	-
Asosa	9,061	51.48	6,610	37.55	1,552	8.82	300	1.70	57	0.32	22	0.12
Sherkole.....	4,432	100.00	-	-	-	-	-	-	-	-	-	-
Bambasi	4,161	48.29	3,269	37.94	885	10.27	248	2.88	42	0.49	11	0.13
Oda Godere.....	4,678	77.30	1,092	18.04	242	4.00	33	0.55	-	-	7	0.12
Komesha.....	2,842	96.57	92	3.13	3	0.10	6	0.20	-	-	-	-
Mao Komo Special.....	2,618	61.28	1,354	31.69	274	6.41	19	0.44	7	0.16	-	-
Kemeshi Zone.....	13,879	74.69	3,956	21.29	627	3.37	91	0.49	27	0.15	3	0.02
Yaso	2,943	79.91	614	16.67	72	1.95	36	0.98	15	0.41	3	0.08
Sirba Abay	2,299	91.78	190	7.58	8	0.32	8	0.32	-	-	-	-
Kamashi	2,084	75.29	657	23.74	27	0.98	-	-	-	-	-	-
Agalo Meti.....	3,014	85.17	506	14.30	19	0.54	-	-	-	-	-	-
Belo Jegonfoy.....	3,540	58.15	1,989	32.67	500	8.21	47	0.77	12	0.20	-	-

Table 8.10B:- Number of Crop Holders that Owned Plough-Tip by Geographic area.

Geographic area	Number of Crop holders that owned											
	No Plough-Tip		One Plough-Tip		Two Plough-Tips		Three Plough-Tips		Four Plough-Tips		Five and above Plough-Tips	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region	81,266	66.59	34,827	28.54	5,115	4.19	652	0.53	155	0.13	18	0.01
Metekel Zone.....	27,823	58.89	15,508	32.82	3,342	7.07	472	1.00	85	0.18	18	0.04
Dangur	4,429	71.09	1,420	22.79	315	5.06	48	0.77	-	-	18	0.29
Guba.....	3,688	99.92	3	0.08	-	-	-	-	-	-	-	-
Wenbera.....	4,454	50.89	3,521	40.23	723	8.26	35	0.40	20	0.23	-	-
Mandura.....	4,766	86.97	473	8.63	209	3.81	23	0.42	9	0.16	-	-
Dibate.....	3,822	41.83	4,049	44.32	1,065	11.66	163	1.78	37	0.40	-	-
Pawe.....	3,868	44.28	4,198	48.05	596	6.82	74	0.85	-	-	-	-
Bulen.....	2,795	53.51	1,845	35.32	435	8.33	129	2.47	19	0.36	-	-
Asosa Zone.....	39,583	70.43	15,253	27.14	1,148	2.04	180	0.32	38	0.07	-	-
Menge	8,112	94.73	413	4.82	25	0.29	13	0.15	-	-	-	-
Kurmak	3,714	99.76	9	0.24	-	-	-	-	-	-	-	-
Asosa	9,062	51.48	8,130	46.19	389	2.21	21	0.12	-	-	-	-
Sherkole.....	4,432	100.00	-	-	-	-	-	-	-	-	-	-
Bambasi	4,182	48.54	3,983	46.23	317	3.68	103	1.20	31	0.36	-	-
Oda Godere.....	4,667	77.12	1,104	18.24	244	4.03	37	0.61	-	-	-	-
Komesha.....	2,831	96.19	101	3.43	11	0.37	-	-	-	-	-	-
Mao Komo Special.....	2,585	60.51	1,514	35.44	161	3.77	5	0.12	7	0.16	-	-
Kemeshi Zone.....	13,861	74.59	4,065	21.87	625	3.36	-	-	32	0.17	-	-
Yaso	2,939	79.80	665	18.06	79	2.14	-	-	-	-	-	-
Sirba Abay	2,287	91.30	218	8.70	-	-	-	-	-	-	-	-
Kamashi	2,102	75.94	630	22.76	36	1.30	-	-	-	-	-	-
Agalo Meti.....	3,002	84.83	512	14.47	25	0.71	-	-	-	-	-	-
Belo Jegonfoy.....	3,531	58.00	2,040	33.51	485	7.97	-	-	32	0.53	-	-

Table 8.11B:- Number of Crop Holders that Owned 'wegel'-Tip by Geographic area.

Geographic area	Number of Crop holders that owned											
	No 'wegel'-Tip		One 'wegel'-Tip		Two 'wegel'-Tips		Three 'wegel'-Tips		Four 'wegel'-Tips		Five and above 'wegel'-Tips	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region	82,012	67.20	33,975	27.84	5,292	4.34	538	0.44	194	0.16	22	0.02
Metekel Zone.....	28,154	59.59	15,178	32.12	3,455	7.31	327	0.69	120	0.25	14	0.03
Dangur	4,639	74.46	1,219	19.57	339	5.44	19	0.30	-	-	14	0.22
Guba.....	3,688	99.92	3	0.08	-	-	-	-	-	-	-	-
Wenbera.....	4,483	51.22	3,432	39.21	773	8.83	45	0.51	20	0.23	-	-
Mandura.....	4,735	86.41	497	9.07	204	3.72	35	0.64	9	0.16	-	-
Dibate.....	3,924	42.95	3,956	43.30	1,119	12.25	89	0.97	48	0.53	-	-
Pawe.....	3,882	44.44	4,237	48.50	552	6.32	65	0.74	-	-	-	-
Bulen.....	2,804	53.69	1,834	35.11	467	8.94	75	1.44	43	0.82	-	-
Asosa Zone.....	39,926	71.04	14,760	26.26	1,307	2.33	156	0.28	46	0.08	7	0.01
Menge	8,157	95.26	346	4.04	32	0.37	13	0.15	15	0.18	-	-
Kurmak	3,723	100.00	-	-	-	-	-	-	-	-	-	-
Asosa	9,206	52.30	7,872	44.72	503	2.86	21	0.12	-	-	-	-
Sherkole	4,432	100.00	-	-	-	-	-	-	-	-	-	-
Bambasi	4,251	49.34	3,931	45.62	334	3.88	69	0.80	31	0.36	-	-
Oda Godere.....	4,649	76.82	1,106	18.27	260	4.30	37	0.61	-	-	-	-
Komesha	2,847	96.74	85	2.89	8	0.27	3	0.10	-	-	-	-
Mao Komo Special.....	2,661	62.29	1,421	33.26	171	4.00	12	0.28	-	-	7	0.16
Kemeshi Zone.....	13,934	74.98	4,037	21.72	530	2.85	54	0.29	28	0.15	-	-
Yaso	2,942	79.88	670	18.19	61	1.66	4	0.11	6	0.16	-	-
Sirba Abay	2,303	91.94	198	7.90	4	0.16	-	-	-	-	-	-
Kamashi	2,098	75.79	632	22.83	27	0.98	-	-	11	0.40	-	-
Agalo Meti	3,020	85.33	506	14.30	13	0.37	-	-	-	-	-	-
Belo Jigonfoy	3,569	58.62	2,032	33.38	425	6.98	50	0.82	12	0.20	-	-

Table 8.12B:- Number of Crop Holders that Owned Yoke by Geographic area.

Geographic area	Number of Crop holders that owned											
	No Yoke		One Yoke		Two Yokes		Three Yokes		Four Yokes		Five and above Yokes	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region	81,715	66.96	32,059	26.27	7,457	6.11	637	0.52	146	0.12	19	0.02
Metekel Zone.....	27,985	59.23	13,739	29.08	4,974	10.53	428	0.91	115	0.24	7	0.01
Dangur	4,664	74.86	1,081	17.35	411	6.60	44	0.71	23	0.37	7	0.11
Guba.....	3,688	99.92	3	0.08	-	-	-	-	-	-	-	-
Wenbera.....	4,468	51.05	3,262	37.27	951	10.86	60	0.69	12	0.14	-	-
Mandura.....	4,750	86.68	441	8.05	254	4.64	26	0.47	9	0.16	-	-
Dibate.....	3,812	41.73	3,628	39.71	1,535	16.80	113	1.24	48	0.53	-	-
Pawe.....	3,802	43.52	3,590	41.09	1,234	14.13	110	1.26	-	-	-	-
Bulen.....	2,803	53.67	1,733	33.18	588	11.26	76	1.46	23	0.44	-	-
Asosa Zone.....	39,848	70.90	14,256	25.37	1,901	3.38	155	0.28	31	0.06	11	0.02
Menge	8,116	94.78	401	4.68	33	0.39	13	0.15	-	-	-	-
Kurmak	3,723	100.00	-	-	-	-	-	-	-	-	-	-
Asosa	9,274	52.69	7,489	42.55	839	4.77	-	-	-	-	-	-
Sherkole	4,432	100.00	-	-	-	-	-	-	-	-	-	-
Bambasi	4,221	48.99	3,684	42.76	576	6.69	93	1.08	31	0.36	11	0.13
Oda Godere.....	4,640	76.67	1,163	19.22	212	3.50	37	0.61	-	-	-	-
Komesha	2,838	96.43	105	3.57	-	-	-	-	-	-	-	-
Mao Komo Special.....	2,603	60.93	1,415	33.12	242	5.66	12	0.28	-	-	-	-
Kemeshi Zone.....	13,883	74.71	4,064	21.87	582	3.13	54	0.29	-	-	-	-
Yaso	2,924	79.39	678	18.41	81	2.20	-	-	-	-	-	-
Sirba Abay	2,316	92.46	181	7.23	8	0.32	-	-	-	-	-	-
Kamashi	2,108	76.16	630	22.76	30	1.08	-	-	-	-	-	-
Agalo Meti	2,994	84.60	513	14.50	32	0.90	-	-	-	-	-	-
Belo Jigonfoy	3,539	58.13	2,063	33.89	432	7.10	54	0.89	-	-	-	-

Table 8.13B:- Number of Crop Holders that Owned Sickle by Geographic area.

Geographic area	Number of Crop holders that owned											
	No Sickle		One Sickle		Two Sickles		Three Sickles		Four Sickles		Five and above Sickles	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region	28,173	23.09	46,568	38.16	31,120	25.50	10,526	8.63	3,705	3.04	1,941	1.59
Metekel Zone.....	7,104	15.04	13,205	27.95	16,085	34.04	6,754	14.29	2,733	5.78	1,367	2.89
Dangur	785	12.60	2,360	37.88	1,793	28.78	821	13.18	307	4.93	164	2.63
Guba.....	2,433	65.92	459	12.44	479	12.98	237	6.42	54	1.46	29	0.79
Wenbera.....	885	10.11	2,264	25.87	3,425	39.13	1,251	14.29	560	6.40	368	4.20
Mandura.....	125	2.28	612	11.17	2,513	45.86	1,555	28.38	443	8.08	232	4.23
Dibate.....	842	9.22	2,004	21.94	3,673	40.20	1,632	17.86	731	8.00	254	2.78
Pawe.....	1,801	20.62	4,380	50.14	1,995	22.84	381	4.36	119	1.36	60	0.69
Bulen.....	235	4.50	1,127	21.58	2,206	42.24	876	16.77	519	9.94	260	4.98
Asosa Zone	17,313	30.80	26,305	46.80	9,928	17.66	2,039	3.63	446	0.79	171	0.30
Menge	4,783	55.86	2,998	35.01	681	7.95	87	1.02	14	0.16	-	-
Kurmak	1,462	39.27	1,583	42.52	506	13.59	144	3.87	21	0.56	7	0.19
Asosa	3,946	22.42	8,286	47.07	4,146	23.55	937	5.32	206	1.17	81	0.46
Sherkole	1,185	26.74	2,056	46.39	882	19.90	206	4.65	57	1.29	46	1.04
Bambasi	1,735	20.14	4,473	51.92	1,974	22.91	323	3.75	101	1.17	10	0.12
Oda Godere.....	2,138	35.33	3,165	52.30	625	10.33	106	1.75	6	0.10	12	0.20
Komesha	1,013	34.42	1,519	51.61	300	10.19	100	3.40	8	0.27	3	0.10
Mao Komo Special.....	1,051	24.60	2,225	52.08	815	19.08	136	3.18	33	0.77	12	0.28
Kemeshi Zone.....	3,753	20.20	7,058	37.98	5,108	27.49	1,733	9.33	527	2.84	404	2.17
Yaso	379	10.29	964	26.17	1,507	40.92	591	16.05	148	4.02	94	2.55
Sirba Abay	785	31.34	1,137	45.39	465	18.56	81	3.23	20	0.80	17	0.68
Kamashi	759	27.42	1,164	42.05	603	21.78	168	6.07	46	1.66	28	1.01
Agalo Meti	716	20.23	1,593	45.01	960	27.13	210	5.93	20	0.57	40	1.13
Belo Jegonfoy	1,116	18.33	2,200	36.14	1,572	25.82	683	11.22	293	4.81	224	3.68

Table 8.14B:- Number of Crop Holders that Owned Hay-Fork(metal) by Geographic area.

Geographic area	Number of Crop holders that owned											
	No Hay-Fork (metal)		One Hay-Fork (metal)		Two Hay-Forks (metal)		Three Hay-Forks (metal)		Four Hay-Forks (metal)		Five and above Hay-Forks (metal)	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region	121,475	99.54	376	0.31	162	0.13	20	0.02	-	-	-	-
Metekel Zone.....	46,869	99.20	212	0.45	147	0.31	20	0.04	-	-	-	-
Dangur	6,174	99.10	48	0.77	8	0.13	-	-	-	-	-	-
Guba.....	3,691	100.00	-	-	-	-	-	-	-	-	-	-
Wenbera.....	8,651	98.83	70	0.80	12	0.14	20	0.23	-	-	-	-
Mandura.....	5,458	99.60	7	0.13	15	0.27	-	-	-	-	-	-
Dibate.....	9,067	99.24	12	0.13	57	0.62	-	-	-	-	-	-
Pawe.....	8,627	98.75	66	0.76	43	0.49	-	-	-	-	-	-
Bulen.....	5,202	99.60	9	0.17	12	0.23	-	-	-	-	-	-
Asosa Zone	56,111	99.84	91	0.16	-	-	-	-	-	-	-	-
Menge	8,563	100.00	-	-	-	-	-	-	-	-	-	-
Kurmak	3,713	99.73	10	0.27	-	-	-	-	-	-	-	-
Asosa	17,521	99.54	81	0.46	-	-	-	-	-	-	-	-
Sherkole	4,432	100.00	-	-	-	-	-	-	-	-	-	-
Bambasi	8,616	100.00	-	-	-	-	-	-	-	-	-	-
Oda Godere.....	6,052	100.00	-	-	-	-	-	-	-	-	-	-
Komesha	2,943	100.00	-	-	-	-	-	-	-	-	-	-
Mao Komo Special.....	4,272	100.00	-	-	-	-	-	-	-	-	-	-
Kemeshi Zone.....	18,495	99.53	73	0.39	15	0.08	-	-	-	-	-	-
Yaso	3,649	99.08	19	0.52	15	0.41	-	-	-	-	-	-
Sirba Abay	2,496	99.64	9	0.36	-	-	-	-	-	-	-	-
Kamashi	2,760	99.71	8	0.29	-	-	-	-	-	-	-	-
Agalo Meti	3,533	99.83	6	0.17	-	-	-	-	-	-	-	-
Belo Jegonfoy	6,058	99.51	30	0.49	-	-	-	-	-	-	-	-

Table 8.15B:- Number of Crop Holders that Owned Hay-Fork (wood) by Geographic area.

Geographic area	Number of Crop holders that owned											
	No Hay-Fork (wood)		One Hay-Fork (wood)		Two Hay-Forks (wood)		Three Hay-Forks (wood)		Four Hay-Forks (wood)		Five and above Hay-Forks (wood)	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region	98,981	81.11	9,202	7.54	8,764	7.18	3,052	2.50	1,289	1.06	745	0.61
Metekel Zone.....	30,240	64.00	5,436	11.51	7,149	15.13	2,590	5.48	1,125	2.38	708	1.50
Dangur	4,972	79.81	419	6.73	492	7.90	198	3.18	82	1.32	67	1.08
Guba	3,680	99.70	-	-	3	0.08	-	-	3	0.08	5	0.14
Wenbera	4,993	57.04	1,199	13.70	1,665	19.02	596	6.81	266	3.04	34	0.39
Mandura	3,702	67.55	778	14.20	583	10.64	212	3.87	125	2.28	80	1.46
Dibate	4,582	50.15	1,033	11.31	1,943	21.27	814	8.91	385	4.21	379	4.15
Pawe	5,173	59.21	1,463	16.75	1,348	15.43	476	5.45	209	2.39	67	0.77
Bulen	3,139	60.10	544	10.42	1,113	21.31	294	5.63	56	1.07	77	1.47
Asosa Zone	50,904	90.57	3,401	6.05	1,362	2.42	365	0.65	140	0.25	30	0.05
Menge	8,557	99.93	-	-	6	0.07	-	-	-	-	-	-
Kurmak	3,513	94.36	191	5.13	19	0.51	-	-	-	-	-	-
Asosa	14,324	81.38	2,199	12.49	819	4.65	201	1.14	40	0.23	19	0.11
Sherkole	4,264	96.21	118	2.66	47	1.06	3	0.07	-	-	-	-
Bambasi	7,440	86.35	784	9.10	277	3.21	71	0.82	44	0.51	-	-
Oda Godere	5,638	93.16	88	1.45	181	2.99	89	1.47	45	0.74	11	0.18
Komesha	2,943	100.00	-	-	-	-	-	-	-	-	-	-
Mao Komo Special	4,227	98.95	21	0.49	12	0.28	-	-	12	0.28	-	-
Kemeshi Zone	17,838	95.99	365	1.96	253	1.36	97	0.52	24	0.13	6	0.03
Yaso	3,411	92.61	153	4.15	80	2.17	24	0.65	15	0.41	-	-
Sirba Abay	2,441	97.45	28	1.12	23	0.92	4	0.16	9	0.36	-	-
Kamashi	2,573	92.96	99	3.58	64	2.31	32	1.16	-	-	-	-
Agalo Meti	3,465	97.91	5	0.14	26	0.73	37	1.05	-	-	6	0.17
Belo Jegonfoy	5,950	97.73	79	1.30	59	0.97	-	-	-	-	-	-

Table 8.16B:- Number of Crop Holders that Owned Threshing Stick by Geographic area.

Geographic area	Number of Crop holders that owned											
	No Threshing Stick		One Threshing Stick		Two Threshing Sticks		Three Threshing Sticks		Four Threshing Sticks		Five and above Threshing Sticks	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region.....	95,012	77.86	11,510	9.43	8,523	6.98	2,539	2.08	1,857	1.52	2,592	2.12
Metekel Zone	38,203	80.86	2,722	5.76	3,516	7.44	631	1.34	642	1.36	1,534	3.25
Dangur	4,604	73.90	65	1.04	229	3.68	9	0.14	17	0.27	1,306	20.96
Guba	3,529	95.61	-	-	9	0.24	-	-	4	0.11	149	4.04
Wenbera	5,262	60.12	1,285	14.68	1,560	17.82	226	2.58	389	4.44	31	0.35
Mandura	4,456	81.31	144	2.63	610	11.13	174	3.18	74	1.35	22	0.40
Dibate	8,077	88.41	387	4.24	429	4.70	137	1.50	85	0.93	21	0.23
Pawe	8,594	98.37	103	1.18	29	0.33	10	0.11	-	-	-	-
Bulen	3,683	70.52	738	14.13	650	12.44	75	1.44	72	1.38	5	0.10
Asosa Zone	39,336	69.99	8,414	14.97	4,707	8.38	1,789	3.18	1,154	2.05	802	1.43
Menge	6,132	71.61	1,323	15.45	808	9.44	189	2.21	111	1.30	-	-
Kurmak	2,413	64.81	689	18.51	378	10.15	217	5.83	16	0.43	10	0.27
Asosa	11,877	67.48	2,735	15.54	1,279	7.27	684	3.89	653	3.71	374	2.12
Sherkole	2,827	63.79	861	19.43	572	12.91	119	2.69	36	0.81	17	0.38
Bambasi	5,597	64.96	1,453	16.86	805	9.34	288	3.34	189	2.19	284	3.30
Oda Godere	5,232	86.45	212	3.50	237	3.92	153	2.53	110	1.82	108	1.78
Komesha	2,687	91.30	101	3.43	107	3.64	26	0.88	19	0.65	3	0.10
Mao Komo Special	2,570	60.16	1,039	24.32	522	12.22	113	2.65	21	0.49	7	0.16
Kemeshi Zone	17,474	94.03	374	2.01	299	1.61	119	0.64	61	0.33	256	1.38
Yaso	3,545	96.25	95	2.58	26	0.71	8	0.22	9	0.24	-	-
Sirba Abay	2,449	97.76	28	1.12	16	0.64	4	0.16	-	-	8	0.32
Kamashi	2,572	92.92	82	2.96	77	2.78	8	0.29	20	0.72	9	0.33
Agalo Meti	3,401	96.10	50	1.41	39	1.10	21	0.59	9	0.25	19	0.54
Belo Jegonfoy	5,505	90.42	119	1.95	141	2.32	79	1.30	23	0.38	221	3.63

Table 8.17B:- Number of Crop Holders that Owned Winnowers (metal) by Geographic area.

Geographic area	Number of Crop holders that owned											
	No Winnowers (metal)		One Winnowers (metal)		Two Winnowers (metal)		Three Winnowers (metal)		Four Winnowers (metal)		Five and above Winnowers (metal)	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region.....	121,669	99.70	251	0.21	104	0.09	9	0.01	-	-	-	-
Metekel Zone	47,067	99.62	85	0.18	87	0.18	9	0.02	-	-	-	-
Dangur.....	6,219	99.82	-	-	11	0.18	-	-	-	-	-	-
Guba.....	3,687	99.89	4	0.11	-	-	-	-	-	-	-	-
Wenbera	8,663	98.97	33	0.38	48	0.55	9	0.10	-	-	-	-
Mandura	5,450	99.45	24	0.44	6	0.11	-	-	-	-	-	-
Dibate	9,115	99.77	-	-	21	0.23	-	-	-	-	-	-
Pawe	8,725	99.87	11	0.13	-	-	-	-	-	-	-	-
Bulen	5,211	99.77	12	0.23	-	-	-	-	-	-	-	-
Asosa Zone.....	56,140	99.89	49	0.09	13	0.02	-	-	-	-	-	-
Menge.....	8,563	100.00	-	-	-	-	-	-	-	-	-	-
Kurmak.....	3,703	99.46	10	0.27	10	0.27	-	-	-	-	-	-
Asosa.....	17,582	99.89	20	0.11	-	-	-	-	-	-	-	-
Sherkole.....	4,432	100.00	-	-	-	-	-	-	-	-	-	-
Bambasi	8,597	99.78	19	0.22	-	-	-	-	-	-	-	-
Oda Godere	6,049	99.95	-	-	3	0.05	-	-	-	-	-	-
Komesha.....	2,943	100.00	-	-	-	-	-	-	-	-	-	-
Mao Komo Special	4,272	100.00	-	-	-	-	-	-	-	-	-	-
Kemeshi Zone	18,460	99.34	118	0.63	5	0.03	-	-	-	-	-	-
Yaso.....	3,679	99.89	4	0.11	-	-	-	-	-	-	-	-
Sirba Abay.....	2,503	99.92	2	0.08	-	-	-	-	-	-	-	-
Kamashi	2,705	97.72	63	2.28	-	-	-	-	-	-	-	-
Agalo Meti	3,511	99.21	23	0.65	5	0.14	-	-	-	-	-	-
Belo Jegonfoy	6,062	99.57	26	0.43	-	-	-	-	-	-	-	-

Table 8.18B:- Number of Crop Holders that Owned Winnowers (wood) by Geographic area.

Geographic area	Number of Crop holders that owned											
	No Winnowers (wood)		One Winnowers (wood)		Two Winnowers (wood)		Three Winnowers (wood)		Four Winnowers (wood)		Five and above Winnowers (wood)	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region.....	102,908	84.33	13,231	10.84	4,429	3.63	887	0.73	403	0.33	175	0.14
Metekel Zone	34,574	73.18	8,141	17.23	3,254	6.89	731	1.55	373	0.79	175	0.37
Dangur.....	4,307	69.13	1,065	17.09	374	6.00	217	3.48	156	2.50	111	1.78
Guba.....	3,257	88.24	185	5.01	188	5.09	39	1.06	16	0.43	6	0.16
Wenbera	6,890	78.72	1,339	15.30	360	4.11	131	1.50	12	0.14	21	0.24
Mandura	3,802	69.38	851	15.53	680	12.41	72	1.31	75	1.37	-	-
Dibate	6,203	67.90	1,704	18.65	928	10.16	182	1.99	94	1.03	25	0.27
Pawe	7,078	81.02	1,464	16.76	163	1.87	10	0.11	21	0.24	-	-
Bulen	3,037	58.15	1,533	29.35	561	10.74	81	1.55	-	-	11	0.21
Asosa Zone.....	52,508	93.43	3,172	5.64	431	0.77	73	0.13	18	0.03	-	-
Menge.....	8,492	99.17	71	0.83	-	-	-	-	-	-	-	-
Kurmak.....	3,511	94.31	83	2.23	93	2.50	26	0.70	10	0.27	-	-
Asosa.....	15,781	89.65	1,631	9.27	171	0.97	19	0.11	-	-	-	-
Sherkole.....	4,230	95.44	148	3.34	29	0.65	17	0.38	8	0.18	-	-
Bambasi	7,728	89.69	813	9.44	75	0.87	-	-	-	-	-	-
Oda Godere	5,657	93.47	332	5.49	63	1.04	-	-	-	-	-	-
Komesha.....	2,943	100.00	-	-	-	-	-	-	-	-	-	-
Mao Komo Special	4,167	97.54	93	2.18	-	-	12	0.28	-	-	-	-
Kemeshi Zone	15,827	85.17	1,917	10.32	744	4.00	83	0.45	12	0.06	-	-
Yaso.....	3,443	93.48	187	5.08	53	1.44	-	-	-	-	-	-
Sirba Abay.....	1,669	66.63	497	19.84	305	12.18	22	0.88	12	0.48	-	-
Kamashi	2,500	90.32	208	7.51	51	1.84	9	0.33	-	-	-	-
Agalo Meti	2,658	75.11	588	16.61	264	7.46	29	0.82	-	-	-	-
Belo Jegonfoy	5,555	91.25	438	7.19	72	1.18	23	0.38	-	-	-	-

Table 8.19B:- Number of Crop Holders that Owned Sprayer (hand operated) by Geographic area.

Geographic area	Number of Crop holders that owned											
	No Sprayer		One Sprayer		Two Sprayers		Three Sprayers		Four Sprayers		Five and above Sprayers	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region.....	121,548	99.60	348	0.29	106	0.09	26	0.02	-	-	5	0.00
Metekel Zone	47,099	99.68	71	0.15	67	0.14	11	0.02	-	-	-	-
Dangur.....	6,208	99.65	5	0.08	17	0.27	-	-	-	-	-	-
Guba	3,691	100.00	-	-	-	-	-	-	-	-	-	-
Wenbera	8,727	99.70	16	0.18	10	0.11	-	-	-	-	-	-
Mandura	5,469	99.80	-	-	-	-	11	0.20	-	-	-	-
Dibate	9,065	99.22	32	0.35	39	0.43	-	-	-	-	-	-
Pawe	8,717	99.78	19	0.22	-	-	-	-	-	-	-	-
Bulen	5,223	100.00	-	-	-	-	-	-	-	-	-	-
Asosa Zone.....	55,939	99.53	230	0.41	30	0.05	-	-	-	-	3	0.01
Menge.....	8,497	99.23	66	0.77	-	-	-	-	-	-	-	-
Kurmak.....	3,716	99.81	7	0.19	-	-	-	-	-	-	-	-
Asosa	17,518	99.52	67	0.38	17	0.10	-	-	-	-	-	-
Sherkole.....	4,432	100.00	-	-	-	-	-	-	-	-	-	-
Bambasi	8,606	99.88	10	0.12	-	-	-	-	-	-	-	-
Oda Godere	6,043	99.85	9	0.15	-	-	-	-	-	-	-	-
Komesha.....	2,875	97.69	52	1.77	13	0.44	-	-	-	-	3	0.10
Mao Komo Special	4,253	99.56	19	0.44	-	-	-	-	-	-	-	-
Kemeshi Zone	18,511	99.61	47	0.25	9	0.05	14	0.08	-	-	2	0.01
Yaso.....	3,639	98.81	27	0.73	9	0.24	6	0.16	-	-	2	0.05
Sirba Abay.....	2,502	99.88	3	0.12	-	-	-	-	-	-	-	-
Kamashi	2,764	99.86	4	0.14	-	-	-	-	-	-	-	-
Agalo Meti	3,539	100.00	-	-	-	-	-	-	-	-	-	-
Belo Jegonfoy	6,067	99.66	13	0.21	-	-	8	0.13	-	-	-	-

Table 8.20B:- Number of Crop Holders that Owned Wheelbarrow by Geographic area.

Geographic area	Number of Crop holders that owned											
	No Wheelbarrow		One Wheelbarrow		Two Wheelbarrows		Three Wheelbarrows		Four Wheelbarrows		Five and above Wheelbarrows	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region.....	121,914	99.90	119	0.10	-	-	-	-	-	-	-	-
Metekel Zone	47,202	99.90	46	0.10	-	-	-	-	-	-	-	-
Dangur.....	6,230	100.00	-	-	-	-	-	-	-	-	-	-
Guba	3,691	100.00	-	-	-	-	-	-	-	-	-	-
Wenbera	8,725	99.68	28	0.32	-	-	-	-	-	-	-	-
Mandura	5,480	100.00	-	-	-	-	-	-	-	-	-	-
Dibate	9,136	100.00	-	-	-	-	-	-	-	-	-	-
Pawe	8,718	99.79	18	0.21	-	-	-	-	-	-	-	-
Bulen	5,223	100.00	-	-	-	-	-	-	-	-	-	-
Asosa Zone.....	56,181	99.96	21	0.04	-	-	-	-	-	-	-	-
Menge.....	8,563	100.00	-	-	-	-	-	-	-	-	-	-
Kurmak.....	3,723	100.00	-	-	-	-	-	-	-	-	-	-
Asosa	17,581	99.88	21	0.12	-	-	-	-	-	-	-	-
Sherkole.....	4,432	100.00	-	-	-	-	-	-	-	-	-	-
Bambasi	8,616	100.00	-	-	-	-	-	-	-	-	-	-
Oda Godere	6,052	100.00	-	-	-	-	-	-	-	-	-	-
Komesha.....	2,943	100.00	-	-	-	-	-	-	-	-	-	-
Mao Komo Special	4,272	100.00	-	-	-	-	-	-	-	-	-	-
Kemeshi Zone	18,531	99.72	52	0.28	-	-	-	-	-	-	-	-
Yaso.....	3,683	100.00	-	-	-	-	-	-	-	-	-	-
Sirba Abay.....	2,505	100.00	-	-	-	-	-	-	-	-	-	-
Kamashi	2,768	100.00	-	-	-	-	-	-	-	-	-	-
Agalo Meti	3,539	100.00	-	-	-	-	-	-	-	-	-	-
Belo Jegonfoy	6,036	99.15	52	0.85	-	-	-	-	-	-	-	-

Table 8.21B:- Number of Crop Holders that Owned Ass (Specifically for ploughing) by Geographic area.

Geographic area	Number of Crop holders that owned											
	No Ass		One Ass		Two Asses		Three Asses		Four Asses		Five and above Asses	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region.....	121,901	99.89	73	0.06	44	0.04	15	0.01	-	-	-	-
Metekel Zone	47,248	100.00	-	-	-	-	-	-	-	-	-	-
Dangur.....	6,230	100.00	-	-	-	-	-	-	-	-	-	-
Guba	3,691	100.00	-	-	-	-	-	-	-	-	-	-
Wenbera	8,753	100.00	-	-	-	-	-	-	-	-	-	-
Mandura	5,480	100.00	-	-	-	-	-	-	-	-	-	-
Dibate	9,136	100.00	-	-	-	-	-	-	-	-	-	-
Pawe	8,736	100.00	-	-	-	-	-	-	-	-	-	-
Bulen	5,223	100.00	-	-	-	-	-	-	-	-	-	-
Asosa Zone.....	56,202	100.00	-	-	-	-	-	-	-	-	-	-
Menge.....	8,563	100.00	-	-	-	-	-	-	-	-	-	-
Kurmak.....	3,723	100.00	-	-	-	-	-	-	-	-	-	-
Asosa	17,602	100.00	-	-	-	-	-	-	-	-	-	-
Sherkole.....	4,432	100.00	-	-	-	-	-	-	-	-	-	-
Bambasi	8,616	100.00	-	-	-	-	-	-	-	-	-	-
Oda Godere	6,052	100.00	-	-	-	-	-	-	-	-	-	-
Komesha.....	2,943	100.00	-	-	-	-	-	-	-	-	-	-
Mao Komo Special	4,272	100.00	-	-	-	-	-	-	-	-	-	-
Kemeshi Zone	18,451	99.29	73	0.39	44	0.24	15	0.08	-	-	-	-
Yaso.....	3,668	99.59	15	0.41	-	-	-	-	-	-	-	-
Sirba Abay.....	2,505	100.00	-	-	-	-	-	-	-	-	-	-
Kamashi	2,768	100.00	-	-	-	-	-	-	-	-	-	-
Agalo Meti	3,539	100.00	-	-	-	-	-	-	-	-	-	-
Belo Jigonfoy	5,971	98.08	58	0.95	44	0.72	15	0.25	-	-	-	-

Table 8.22B:- Number of Crop Holders that Owned Ox (Specifically for ploughing) by Geographic area.

Geographic area	Number of Crop holders that owned											
	No Ox		One Ox		Two Oxen		Three Oxen		Four Oxen		Five and above Oxen	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region.....	84,553	69.29	14,198	11.63	18,337	15.03	2,050	1.68	2,017	1.65	878	0.72
Metekel Zone	29,403	62.23	5,113	10.82	9,227	19.53	1,389	2.94	1,374	2.91	742	1.57
Dangur.....	4,757	76.36	378	6.07	783	12.57	171	2.74	113	1.81	28	0.45
Guba	3,688	99.92	-	-	3	0.08	-	-	-	-	-	-
Wenbera	4,727	54.00	1,091	12.46	2,153	24.60	312	3.56	288	3.29	182	2.08
Mandura	4,815	87.86	130	2.37	301	5.49	86	1.57	132	2.41	16	0.29
Dibate	4,036	44.18	990	10.84	2,842	31.11	369	4.04	472	5.17	427	4.67
Pawe	4,466	51.12	1,821	20.84	1,981	22.68	304	3.48	144	1.65	20	0.23
Bulen	2,916	55.83	703	13.46	1,163	22.27	148	2.83	225	4.31	68	1.30
Asosa Zone.....	40,450	71.97	7,612	13.54	7,277	12.95	372	0.66	382	0.68	109	0.19
Menge.....	8,007	93.51	194	2.27	298	3.48	16	0.19	35	0.41	13	0.15
Kurmak.....	3,713	99.73	-	-	10	0.27	-	-	-	-	-	-
Asosa	9,325	52.98	3,992	22.68	4,073	23.14	164	0.93	48	0.27	-	-
Sherkole.....	4,421	99.75	11	0.25	-	-	-	-	-	-	-	-
Bambasi	4,581	53.17	1,826	21.19	1,941	22.53	86	1.00	109	1.27	73	0.85
Oda Godere	4,997	82.57	433	7.15	454	7.50	37	0.61	108	1.78	23	0.38
Komesha.....	2,888	98.13	18	0.61	22	0.75	8	0.27	7	0.24	-	-
Mao Komo Special	2,518	58.94	1,138	26.64	480	11.24	61	1.43	75	1.76	-	-
Kemeshi Zone	14,701	79.11	1,473	7.93	1,832	9.86	288	1.55	262	1.41	27	0.15
Yaso.....	3,106	84.33	200	5.43	333	9.04	12	0.33	32	0.87	-	-
Sirba Abay.....	2,386	95.25	76	3.03	33	1.32	5	0.20	5	0.20	-	-
Kamashi	2,238	80.85	281	10.15	190	6.86	38	1.37	13	0.47	8	0.29
Agalo Meti	3,061	86.49	222	6.27	181	5.11	22	0.62	53	1.50	-	-
Belo Jigonfoy	3,911	64.24	694	11.40	1,094	17.97	211	3.47	159	2.61	19	0.31

Table 8.23B:- Number of Crop Holders that Owned Ass (For threshing or transportation) by Geographic area.

Geographic area	Number of Crop holders that owned											
	No Ass		One Ass		Two Asses		Three Asses		Four Asses		Five and above Asses	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region	103,013	84.41	15,560	12.75	2,825	2.31	414	0.34	141	0.12	80	0.07
Metekel Zone	38,219	80.89	7,736	16.37	1,076	2.28	169	0.36	17	0.04	31	0.07
Dangur	5,129	82.33	929	14.91	160	2.57	6	0.10	6	0.10	-	-
Guba	3,063	82.99	447	12.11	90	2.44	86	2.33	-	-	5	0.14
Wenbera	5,759	65.79	2,531	28.92	429	4.90	34	0.39	-	-	-	-
Mandura	4,984	90.95	361	6.59	128	2.34	7	0.13	-	-	-	-
Dibate	7,198	78.79	1,829	20.02	94	1.03	-	-	-	-	15	0.16
Pawe	8,446	96.68	234	2.68	56	0.64	-	-	-	-	-	-
Bulen	3,642	69.73	1,405	26.90	119	2.28	35	0.67	11	0.21	11	0.21
Asosa Zone	48,237	85.83	6,184	11.00	1,439	2.56	175	0.31	124	0.22	43	0.08
Menge	6,355	74.21	1,592	18.59	490	5.72	75	0.88	38	0.44	13	0.15
Kurmak	3,431	92.16	282	7.57	10	0.27	-	-	-	-	-	-
Asosa	15,950	90.61	1,308	7.43	325	1.85	-	-	19	0.11	-	-
Sherkole	3,638	82.08	565	12.75	194	4.38	22	0.50	13	0.29	-	-
Bambasi	7,570	87.86	808	9.38	137	1.59	43	0.50	29	0.34	29	0.34
Oda Godere	5,198	85.89	661	10.92	160	2.64	20	0.33	13	0.21	-	-
Komesha	2,421	82.26	394	13.39	103	3.50	14	0.48	11	0.37	-	-
Mao Komo Special	3,676	86.05	575	13.46	21	0.49	-	-	-	-	-	-
Kemeshi Zone	16,555	89.09	1,641	8.83	310	1.67	70	0.38	-	-	7	0.04
Yaso	3,336	90.58	298	8.09	36	0.98	13	0.35	-	-	-	-
Sirba Abay	2,183	87.15	257	10.26	62	2.48	3	0.12	-	-	-	-
Kamashi	2,354	85.04	325	11.74	78	2.82	11	0.40	-	-	-	-
Agalo Meti	3,110	87.88	342	9.66	52	1.47	28	0.79	-	-	7	0.20
Belo Jegonfoy	5,573	91.54	418	6.87	82	1.35	15	0.25	-	-	-	-

Table 8.24B:- Number of Crop Holders that Owned Cattle (For threshing or transportation) by Geographic area.

Geographic area	Number of Crop holders that owned											
	No Cattle		One Cattle		Two Cattle		Three Cattle		Four Cattle		Five and above Cattle	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region	82,032	67.22	12,157	9.96	14,248	11.68	4,738	3.88	3,511	2.88	5,347	4.38
Metekel Zone	28,032	59.33	4,304	9.11	6,466	13.69	2,591	5.48	2,040	4.32	3,815	8.07
Dangur	4,619	74.14	320	5.14	535	8.59	241	3.87	158	2.54	357	5.73
Guba	3,582	97.05	33	0.89	31	0.84	21	0.57	6	0.16	18	0.49
Wenbera	4,664	53.28	658	7.52	1,139	13.01	675	7.71	514	5.87	1,103	12.60
Mandura	4,726	86.24	66	1.20	163	2.97	114	2.08	137	2.50	274	5.00
Dibate	3,467	37.95	1,225	13.41	2,162	23.66	675	7.39	595	6.51	1,012	11.08
Pawe	4,191	47.97	1,548	17.72	1,482	16.96	560	6.41	334	3.82	621	7.11
Bulen	2,781	53.25	454	8.69	955	18.28	304	5.82	297	5.69	432	8.27
Asosa Zone	39,840	70.89	6,535	11.63	6,350	11.30	1,527	2.72	908	1.62	1,042	1.85
Menge	7,972	93.10	195	2.28	263	3.07	85	0.99	35	0.41	13	0.15
Kurmak	3,713	99.73	-	-	10	0.27	-	-	-	-	-	-
Asosa	8,888	50.49	3,369	19.14	3,653	20.75	784	4.45	447	2.54	461	2.62
Sherkole	4,421	99.75	11	0.25	-	-	-	-	-	-	-	-
Bambasi	4,694	54.48	1,669	19.37	1,630	18.92	286	3.32	151	1.75	186	2.16
Oda Godere	4,958	81.92	408	6.74	337	5.57	60	0.99	126	2.08	163	2.69
Komesha	2,883	97.96	23	0.78	22	0.75	8	0.27	-	-	7	0.24
Mao Komo Special	2,310	54.07	860	20.13	437	10.23	305	7.14	149	3.49	211	4.94
Kemeshi Zone	14,160	76.20	1,318	7.09	1,432	7.71	620	3.34	563	3.03	490	2.64
Yaso	2,783	75.56	260	7.06	260	7.06	123	3.34	120	3.26	137	3.72
Sirba Abay	2,373	94.73	89	3.55	29	1.16	10	0.40	-	-	4	0.16
Kamashi	2,131	76.99	224	8.09	150	5.42	98	3.54	56	2.02	109	3.94
Agalo Meti	3,036	85.79	206	5.82	161	4.55	27	0.76	73	2.06	36	1.02
Belo Jegonfoy	3,833	62.96	540	8.87	833	13.68	363	5.96	315	5.17	204	3.35

Table 8.25B:- Number of Crop Holders that Owned Horse (For threshing or transportation) by Geographic area.

Geographic area	Number of Crop holders that owned											
	No Horse		One Horse		Two Horses		Three Horses		Four Horses		Five and above Horses	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region.....	121,808	99.82	129	0.11	65	0.05	31	0.03	-	-	-	-
Metekel Zone	47,065	99.61	87	0.18	65	0.14	31	0.07	-	-	-	-
Dangur.....	6,230	100.00	-	-	-	-	-	-	-	-	-	-
Guba	3,691	100.00	-	-	-	-	-	-	-	-	-	-
Wenbera	8,597	98.22	60	0.69	65	0.74	31	0.35	-	-	-	-
Mandura	5,480	100.00	-	-	-	-	-	-	-	-	-	-
Dibate	9,109	99.70	27	0.30	-	-	-	-	-	-	-	-
Pawe	8,736	100.00	-	-	-	-	-	-	-	-	-	-
Bulen	5,223	100.00	-	-	-	-	-	-	-	-	-	-
Asosa Zone.....	56,187	99.97	15	0.03	-	-	-	-	-	-	-	-
Menge.....	8,563	100.00	-	-	-	-	-	-	-	-	-	-
Kurmak.....	3,723	100.00	-	-	-	-	-	-	-	-	-	-
Asosa	17,602	100.00	-	-	-	-	-	-	-	-	-	-
Sherkole.....	4,432	100.00	-	-	-	-	-	-	-	-	-	-
Bambasi	8,616	100.00	-	-	-	-	-	-	-	-	-	-
Oda Godere	6,052	100.00	-	-	-	-	-	-	-	-	-	-
Komesha.....	2,943	100.00	-	-	-	-	-	-	-	-	-	-
Mao Komo Special	4,257	99.65	15	0.35	-	-	-	-	-	-	-	-
Kemeshi Zone	18,556	99.85	27	0.15	-	-	-	-	-	-	-	-
Yaso.....	3,683	100.00	-	-	-	-	-	-	-	-	-	-
Sirba Abay.....	2,505	100.00	-	-	-	-	-	-	-	-	-	-
Kamashi	2,741	99.02	27	0.98	-	-	-	-	-	-	-	-
Agalo Meti	3,539	100.00	-	-	-	-	-	-	-	-	-	-
Belo Jigonfof	6,088	100.00	-	-	-	-	-	-	-	-	-	-

Table 8.26B:- Number of Crop Holders that Owned Local Storage 'Debignit' by Geographic area.

Geographic area	Number of Crop holders that owned											
	No 'Debignit'		One 'Debignit'		Two 'Debignits'		Three 'Debignits'		Four 'Debignits'		Five and above 'Debignits'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region.....	111,547	91.41	5,443	4.46	2,787	2.28	1,352	1.11	612	0.50	292	0.24
Metekel Zone	42,807	90.60	1,549	3.28	1,094	2.32	972	2.06	544	1.15	282	0.60
Dangur.....	4,099	65.79	284	4.56	439	7.05	699	11.22	465	7.46	244	3.92
Guba	3,671	99.46	8	0.22	8	0.22	4	0.11	-	-	-	-
Wenbera	8,350	95.40	249	2.84	135	1.54	19	0.22	-	-	-	-
Mandura	5,073	92.57	162	2.96	120	2.19	79	1.44	37	0.68	9	0.16
Dibate	8,696	95.18	234	2.56	79	0.86	82	0.90	15	0.16	30	0.33
Pawe	7,726	88.44	588	6.73	306	3.50	88	1.01	28	0.32	-	-
Bulen	5,192	99.41	24	0.46	7	0.13	-	-	-	-	-	-
Asosa Zone.....	52,080	92.67	2,676	4.76	1,110	1.98	275	0.49	51	0.09	10	0.02
Menge.....	8,113	94.74	412	4.81	38	0.44	-	-	-	-	-	-
Kurmak.....	3,723	100.00	-	-	-	-	-	-	-	-	-	-
Asosa	15,940	90.56	886	5.03	606	3.44	148	0.84	22	0.12	-	-
Sherkole.....	4,432	100.00	-	-	-	-	-	-	-	-	-	-
Bambasi	7,057	81.91	1,067	12.38	380	4.41	82	0.95	20	0.23	10	0.12
Oda Godere	5,705	94.27	223	3.68	70	1.16	45	0.74	9	0.15	-	-
Komesha.....	2,841	96.53	87	2.96	15	0.51	-	-	-	-	-	-
Mao Komo Special	4,272	100.00	-	-	-	-	-	-	-	-	-	-
Kemeshi Zone	16,660	89.65	1,218	6.55	583	3.14	105	0.57	17	0.09	-	-
Yaso.....	2,832	76.89	568	15.42	253	6.87	27	0.73	3	0.08	-	-
Sirba Abay.....	2,175	86.83	254	10.14	63	2.51	13	0.52	-	-	-	-
Kamashi	2,612	94.36	115	4.15	41	1.48	-	-	-	-	-	-
Agalo Meti	3,017	85.25	249	7.04	194	5.48	65	1.84	14	0.40	-	-
Belo Jigonfof	6,023	98.93	32	0.53	33	0.54	-	-	-	-	-	-

Geographic area	Number of Crop holders that owned											
	No 'Gottera'		One 'Gottera'		Two 'Gudguads'		Three 'Gudguads'		Four 'Gudguads'		Five and above 'Gudguads'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Benshangul-Gumuz Region	32,021	26.24	61,537	50.43	19,756	16.19	5,948	4.87	2,011	1.65	760	0.62
Metekel Zone	9,064	19.18	21,329	45.14	10,685	22.61	4,182	8.85	1,460	3.09	528	1.12
Dangur	1,856	29.79	3,145	50.48	715	11.48	179	2.87	223	3.58	112	1.80
Guba	1,377	37.31	2,080	56.35	223	6.04	3	0.08	4	0.11	4	0.11
Wenbera	1,916	21.89	3,687	42.12	2,220	25.36	727	8.31	134	1.53	69	0.79
Mandura	388	7.08	3,704	67.59	1,216	22.19	165	3.01	-	-	7	0.13
Dibate	955	10.45	3,242	35.49	2,462	26.95	1,641	17.96	673	7.37	163	1.78
Pawe	2,256	25.82	3,132	35.85	2,145	24.55	839	9.60	242	2.77	122	1.40
Bulen	320	6.13	2,338	44.76	1,703	32.61	627	12.00	184	3.52	51	0.98
Asosa Zone	17,944	31.93	30,098	53.55	6,273	11.16	1,334	2.37	418	0.74	135	0.24
Menge	3,009	35.14	5,021	58.64	467	5.45	58	0.68	8	0.09	-	-
Kurmak	1,409	37.85	2,244	60.27	70	1.88	-	-	-	-	-	-
Asosa	4,062	23.08	9,970	56.64	2,773	15.75	518	2.94	191	1.09	88	0.50
Sherkole	1,160	26.17	3,035	68.48	186	4.20	34	0.77	17	0.38	-	-
Bambasi	2,251	26.13	4,060	47.12	1,695	19.67	415	4.82	163	1.89	32	0.37
Oda Godere	3,452	57.04	2,397	39.61	176	2.91	27	0.45	-	-	-	-
Komesha	1,427	48.49	1,379	46.86	120	4.08	17	0.58	-	-	-	-
Mao Komo Special	1,175	27.50	1,991	46.61	786	18.40	266	6.23	39	0.91	15	0.35
Kemeshi Zone	5,012	26.97	10,110	54.40	2,799	15.06	432	2.32	133	0.72	97	0.52
Yaso	854	23.19	1,676	45.51	894	24.27	197	5.35	41	1.11	21	0.57
Sirba Abay	733	29.26	1,543	61.60	213	8.50	8	0.32	8	0.32	-	-
Kamashi	553	19.98	1,631	58.92	467	16.87	74	2.67	32	1.16	11	0.40
Agalo Meti	658	18.59	2,527	71.40	293	8.28	47	1.33	-	-	14	0.40
Belo Jefonfoy	2,214	36.37	2,733	44.89	932	15.31	105	1.72	52	0.85	52	0.85

[illegible]

ANNEX TABLES PRESENTING
ESTIMATES, STANDARD ERRORS AND
COEFFICIENT OF VARIATION
FOR SELECTED FARM IMPLEMENT VARIABLES

Annex Tables 8.1-8.4

ANNEX TABLE 8.1: - Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, Regional

Implements, Equipment, Farm animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Farm animals and Storages			Total Value		
	Reporting	S.E	C.V	Reported	S.E	C.V	(Birr)	S.E	C.V
Used for Clearing Land									
Axes	112,436	1,595.16	1.42	193,238	3,015.85	1.56	1,792,568	3,535,081.95	1.97
'Gejeras'	46,304	1,248.27	2.70	60,996	1,806.97	2.96	725,782	3,111,304.01	4.29
Shovels	18,980	657.13	3.46	20,188	695.05	3.44	237,645	1,004,167.78	4.23
Used for Cultivation									
Hoes	78,903	2,224.93	2.82	176,832	5,133.23	2.90	1,197,656	4,717,379.47	3.94
'Mekeskeshas'	5,183	845.45	16.31	6,776	1,119.75	16.53	58,042	1,192,116.90	20.54
Pick Axes	24,524	1,153.10	4.70	37,523	2,052.44	5.47	338,256	2,093,452.34	6.19
Tractors	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	40,280	1,278.55	3.17	66,889	2,555.54	3.82	142,254	547,414.73	3.85
'Erfes' (Handle)	39,102	1,258.05	3.22	54,882	1,966.16	3.58	72,917	580,055.48	7.96
Plough-Beams.	40,555	1,275.67	3.15	54,191	1,863.48	3.44	285,468	1,105,805.02	3.87
Plough -Tips (Metal)	40,750	1,291.60	3.17	47,886	1,582.27	3.30	796,741	2,976,771.66	3.74
'Wegel' -Tips	40,007	1,269.68	3.17	47,065	1,515.44	3.22	267,648	999,213.29	3.73
Yokes	40,318	1,271.59	3.15	49,620	1,646.39	3.32	183,542	661,476.24	3.60
Used for Harvesting									
Sickles	93,840	1,388.93	1.48	166,586	2,907.29	1.75	1,296,533	3,364,700.05	2.60
Used for Threshing									
Hay-Forks (Metal)	559	93.76	16.79	762	136.45	17.92	3,302	89,357.91	27.06
Hay-Forks (Wood)	23,042	1,062.94	4.61	45,355	2,138.72	4.72	81,684	448,545.56	5.49
Threshing Sticks	27,015	1,764.68	6.53	67,057	6,769.11	10.09	66,922	463,054.77	6.92
Winnowers (Metal)	364	64.61	17.75	485	97.20	20.02	2,611	51,704.86	19.80
Winnowers (Wood)	19,124	862.20	4.51	27,359	1,586.95	5.80	111,111	610,717.76	5.50
Other Farm Equipment									
Carts (Hauling)	*	*	*	*	*	*	*	*	*
Sprayers (Hand Operated) ..	484	87.99	18.17	719	133.56	18.57	7,683	176,780.01	23.01
Sprayers (Power Operated) ..	-	-	-	-	-	-	-	-	-
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows	119	42.53	35.70	119	42.53	35.70	*	*	*
Animals Used for Ploughing									
Asses	131	35.47	27.04	204	63.49	31.17	47,477	1,545,224.65	32.55
Camels	-	-	-	-	-	-	-	-	-
Horses	-	-	-	-	-	-	-	-	-
Mules	-	-	-	-	-	-	-	-	-
Oxen	37,325	1,282.22	3.44	70,623	2,799.32	3.96	37,741,909	162,516,675.47	4.31
Animals Used for Threshing or Transportation									
Asses	19,020	828.16	4.35	23,484	1,068.57	4.55	6,995,649	33,500,464.95	4.79
Camels	-	-	-	-	-	-	-	-	-
Cattle	40,001	1,431.17	3.58	109,360	5,174.22	4.73	53,259,868	241,860,727.68	4.54
Horses	225	62.75	27.93	351	126.73	36.06	202,890	7,279,753.75	35.88
Mules	-	-	-	-	-	-	-	-	-
Storage Structure									
'Debignits'	10,485	891.60	8.50	19,100	2,214.29	11.59	138,175	1,714,330.03	12.41
'Gotteras'	89,929	1,464.72	1.63	132,450	3,021.20	2.28	2,630,422	8,678,613.44	3.30
'Gudguads'	*	*	*	*	*	*	*	*	*
Modern Storages	548	101.25	18.48	912	200.43	21.97	*	*	*

ANNEX TABLE 8.2:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, Metekel Zone.

Implements, Equipment, Farm animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Farm animals and Storages			Total Value		
	Reporting	S.E	C.V	Reported	S.E	C.V	(Birr)	S.E	C.V
Used for Clearing Land									
Axes	42,960	950.41	2.21	73,376	2,001.28	2.73	655,033	2,383,296.64	3.64
'Gejeras'	7,649	701.90	9.18	10,101	1,003.25	9.93	99,493	1,335,732.58	13.43
Shovels	7,479	413.36	5.53	7,861	428.84	5.46	78,135	553,596.76	7.09
Used for Cultivation									
Hoes	27,112	938.54	3.46	59,136	2,535.08	4.29	323,726	2,414,033.63	7.46
'Mekeskeshas'	836	236.31	28.26	1,265	422.87	33.43	4,066	117,847.50	28.98
Pick Axes	6,061	528.81	8.73	7,508	817.72	10.89	59,179	594,526.60	10.05
Tractors	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	19,195	901.38	4.70	33,478	1,839.90	5.50	66,546	400,495.56	6.02
'Erfes' (Handle)	18,910	890.09	4.71	28,948	1,528.61	5.28	41,385	542,525.09	13.11
Plough-Beams.	19,262	907.68	4.71	27,243	1,351.56	4.96	110,497	672,768.82	6.09
Plough -Tips (Metal)	19,417	923.15	4.75	24,212	1,235.60	5.10	396,637	2,249,395.13	5.67
'Wegel' -Tips	19,081	900.18	4.72	23,622	1,156.25	4.89	112,749	705,158.55	6.25
Yokes	19,263	898.95	4.67	25,525	1,256.68	4.92	86,391	483,124.41	5.59
Used for Harvesting									
Sickles	40,143	917.27	2.28	84,686	2,353.21	2.78	643,419	2,874,610.19	4.47
Used for Threshing									
Hay-Forks (Metal)	380	76.33	20.11	567	124.57	21.95	1,510	35,363.93	23.42
Hay-Forks (Wood)	16,999	834.36	4.91	36,091	1,877.66	5.20	61,395	367,706.74	5.99
Threshing Sticks	9,044	973.50	10.76	30,798	5,787.77	18.79	25,265	332,493.96	13.16
Winnowers (Metal)	180	50.65	28.11	285	86.67	30.46	972	31,887.37	32.80
Winnowers (Wood)	12,674	755.06	5.96	19,331	1,505.95	7.79	64,924	444,499.15	6.85
Other Farm Equipment									
Carts (Hauling)	-	-	-	-	-	-	*	*	*
Sprayers (Hand Operated)...	149	41.85	28.02	239	67.46	28.23	2,868	114,467.86	39.91
Sprayers (Power Operated) .	-	-	-	-	-	-	-	-	-
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows	*	*	*	*	*	*	*	*	*
Animals Used for Ploughing									
Asses	-	-	-	-	-	-	-	-	-
Camels	-	-	-	-	-	-	-	-	-
Horses	-	-	-	-	-	-	-	-	-
Mules	-	-	-	-	-	-	-	-	-
Oxen	17,758	872.14	4.91	37,991	2,298.51	6.05	22,726,862	144,959,763.69	6.38
Animals Used for Threshing or Transportation									
Asses	9,028	606.15	6.71	10,635	731.71	6.88	2,920,199	22,880,755.66	7.84
Camels	-	-	-	-	-	-	-	-	-
Cattle	19,216	1,028.66	5.35	63,146	4,522.14	7.16	33,633,095	219,573,467.50	6.53
Horses	183	59.66	32.61	310	125.23	40.44	181,945	7,100,530.88	39.03
Mules	-	-	-	-	-	-	-	-	-
Storage Structure									
'Debignits'	4,441	648.03	14.59	10,359	1,960.33	18.92	70,398	1,461,207.92	20.76
'Gotteras'	38,170	1,030.52	2.70	64,632	2,317.98	3.59	755,527	3,800,864.17	5.03
'Gudguads'	*	*	*	*	*	*	*	*	*
Modern Storages	346	83.52	24.12	626	165.28	26.41	*	*	*

ANNEX TABLE 8.3. Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, Asosa Zone.

Implements, Equipment, Farm animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Farm animals and Storages			Total Value		
	Reporting	S.E	C.V	Reported	S.E	C.V	(Birr)	S.E	C.V
Used for Clearing Land									
Axes.....	51,990	1,266.93	2.44	87,745	2,212.25	2.52	883,979	2,558,417.84	2.89
'Gejeras'	28,497	1,011.93	3.55	36,566	1,463.72	4.00	493,188	2,775,674.56	5.63
Shovels	9,751	500.11	5.13	10,524	536.46	5.10	137,002	823,934.46	6.01
Used for Cultivation									
Hoes.....	35,786	2,009.68	5.62	77,327	4,418.47	5.71	652,776	4,028,961.39	6.17
'Mekeskeshas'	3,842	810.27	21.09	4,645	1,033.01	22.24	49,714	1,183,898.34	23.81
Pick Axes	16,012	1,013.84	6.33	25,110	1,861.99	7.42	251,924	2,000,017.40	7.94
Tractors	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	16,409	891.20	5.43	25,364	1,742.77	6.87	58,528	365,677.45	6.25
'Erfes' (Handle)	15,659	873.54	5.58	20,346	1,216.28	5.98	25,175	203,190.60	8.07
Plough-Beams.	16,589	880.11	5.31	21,340	1,265.63	5.93	138,987	866,153.94	6.23
Plough -Tips (Metal)	16,619	887.33	5.34	18,241	967.73	5.31	344,468	1,938,433.19	5.63
'Wegel' - Tips	16,276	879.33	5.40	18,070	958.30	5.30	129,441	699,823.33	5.41
Yokes.....	16,355	883.90	5.40	18,704	1,045.22	5.59	75,062	443,367.91	5.91
Used for Harvesting									
Sickles	38,888	1,007.99	2.59	55,030	1,618.96	2.94	506,060	1,697,009.09	3.35
Used for Threshing									
Hay-Forks (Metal)	*	*	*	*	*	*	*	*	*
Hay-Forks (Wood)	5,298	654.46	12.35	7,967	1,013.74	12.72	17,756	254,342.91	14.32
Threshing Sticks.....	16,866	1,469.33	8.71	32,866	3,489.65	10.62	36,891	315,828.65	8.56
Winnowers (Metal)	61	29.69	48.54	74	34.42	46.65	*	*	*
Winnowers (Wood)	3,694	392.66	10.63	4,325	453.19	10.48	31,593	405,656.20	12.84
Other Farm Equipment									
Carts (Hauling)	*	*	*	*	*	*	*	*	*
Sprayers (Hand Operated) ...	264	74.54	28.27	366	111.65	30.53	2,924	84,368.27	28.85
Sprayers (Power Operated) ..	-	-	-	-	-	-	-	-	-
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows	*	*	*	*	*	*	*	*	*
Animals Used for Ploughing									
Asses	-	-	-	-	-	-	-	-	-
Camels.....	-	-	-	-	-	-	-	-	-
Horses.....	-	-	-	-	-	-	-	-	-
Mules.....	-	-	-	-	-	-	-	-	-
Oxen	15,685	928.20	5.92	25,414	1,569.26	6.17	11,587,180	71,908,069.61	6.21
Animals Used for Threshing or Transportation									
Asses	7,964	551.57	6.93	10,343	761.68	7.36	3,362,767	24,034,832.01	7.15
Camels.....	-	-	-	-	-	-	-	-	-
Cattle	16,361	982.88	6.01	34,513	2,464.13	7.14	14,499,200	97,196,673.33	6.70
Horses.....	*	*	*	*	*	*	*	*	*
Mules.....	-	-	-	-	-	-	-	-	-
Storage Structure									
'Debignits'.....	4,122	596.41	14.47	5,975	1,007.65	16.87	46,617	786,686.65	16.88
'Gotteras'.....	38,188	1,020.02	2.67	49,749	1,907.12	3.83	1,645,479	7,765,466.97	4.72
'Gudguads'	*	*	*	*	*	*	*	*	*
Modern Storages	202	57.23	28.40	287	113.38	39.57	8,067	255,860.47	31.72

ANNEX TABLE 8.4:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, Kemeshi Zone

Reported and Total Value, for Private Holdings, Remesh Zone									
Implements, Equipment, Farm animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Farm animals and Storages			Total Value		
	Reporting	S.E	C.V	Reported	S.E	C.V	(Birr)	S.E	C.V
Used for Clearing Land									
Axes	17,486	190.16	1.09	32,116	442.96	1.38	253,556	520,768.38	2.05
'Gejeras'	10,158	203.79	2.01	14,329	340.82	2.38	133,100	437,792.01	3.29
Shovels	1,750	104.11	5.95	1,804	106.77	5.92	22,509	151,708.80	6.74
Used for Cultivation									
Hoes	16,004	175.00	1.09	40,370	632.87	1.57	221,153	439,978.20	1.99
'Mekeskeshas'	505	48.96	9.70	866	88.90	10.26	4,262	75,095.89	17.62
Pick Axes	2,451	148.77	6.07	4,904	277.19	5.65	27,153	170,326.83	6.27
Tractors.....	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	4,676	167.27	3.58	8,047	329.09	4.09	17,181	74,472.72	4.33
'Erfes' (Handle)	4,533	165.34	3.65	5,588	223.22	3.99	6,356	29,059.62	4.57
Plough-Beams.	4,704	169.86	3.61	5,608	209.86	3.74	35,985	141,294.80	3.93
Plough -Tips (Metal)	4,714	169.33	3.59	5,433	200.89	3.70	55,636	209,446.52	3.76
'Wegel' -Tips.....	4,650	168.94	3.63	5,372	203.21	3.78	25,457	106,892.11	4.20
Yokes.....	4,700	165.92	3.53	5,391	197.15	3.66	22,089	86,985.74	3.94
Used for Harvesting									
Sickles	14,808	267.75	1.81	26,870	541.96	2.02	147,054	421,880.12	2.87
Used for Threshing									
Hay-Forks (Metal)	88	21.48	24.43	103	24.42	23.68	502	17,609.13	35.05
Hay-Forks (Wood)	745	73.26	9.83	1,296	144.51	11.15	2,533	35,979.93	14.21
Threshing Sticks.....	1,104	86.42	7.83	3,393	380.68	11.22	4,766	64,185.30	13.47
Winnowers (Metal)	123	26.97	22.01	127	27.43	21.58	1,158	32,005.99	27.63
Winnowers (Wood)	2,757	138.17	5.01	3,703	212.52	5.74	14,594	104,114.05	7.13
Other Farm Equipment									
Carts (Hauling)	-	-	-	-	-	-	-	-	-
Sprayers (Hand Operated) ..	71	20.84	29.24	115	28.70	25.04	*	*	*
Sprayers (Power Operated).	-	-	-	-	-	-	-	-	-
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows.....	52	21.07	40.34	52	21.07	40.34	1,306	52,681.16	40.34
Animals Used for Ploughing									
Asses	131	35.47	27.04	204	63.49	31.17	47,477	1,545,224.65	32.55
Camels	-	-	-	-	-	-	-	-	-
Horses	-	-	-	-	-	-	-	-	-
Mules	-	-	-	-	-	-	-	-	-
Oxen	3,883	148.05	3.81	7,218	300.77	4.17	3,427,868	15,085,298.97	4.40
AnimalsUsed for Threshing or Transportation									
Asses.....	2,028	119.16	5.88	2,505	162.13	6.47	712,683	4,591,189.67	6.44
Camels	-	-	-	-	-	-	-	-	-
Cattle	4,424	155.04	3.50	11,701	500.86	4.28	5,127,573	28,929,408.14	5.64
Horses	27	11.28	41.76	27	11.28	41.76	6,215	260,316.77	41.89
Mules	-	-	-	-	-	-	-	-	-
Storage Structure									
'Debignits'	1,923	138.93	7.22	2,767	211.73	7.65	21,161	430,026.74	20.32
'Gotteras'	13,571	207.34	1.53	18,068	342.76	1.90	229,416	754,510.17	3.29
'Gudguads'	*	*	*	*	*	*	*	*	*
Modern Storages	-	-	-	-	-	-	-	-	-