

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 impact 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 and it is defined as the amount it would cost to replace the farm implement, equipment, draught animal and storage facility 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 - 8.34A and 8.1B - 8.34B. 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 to this chapter.

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

2.4 Implement used for harvesting:-

- a) Sickle.

2.5 Implements used for threshing:-

- a) Hay- Fork (metal or wood),
- b) Threshing Stick, and
- c) Winnowing (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 0.5-1metres wide.

'Gottera': - is storage made of bamboo plant. The bamboo is split and then crisscrossed and woven like a giant basket. Finally, it is laminated with a mixture of animal dung and dry grass. '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 the region. In this report farm implements are grouped in terms of their operation and this can help to make appropriate comparisons. The data collection period for farm implements and draught

animals (Chapter VIII) was March, 2001/02, while for area, production and land utilization was in September/October, 2001/02. This time difference has resulted in some discrepancy of estimated number of crop holders shown in chapter VIII and the other Chapters, especially the difference of estimates was significant in the semi- nomadic area of Borena zone because of the non-response rate that happened during the movement of the holders from place to place.

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 Oromia Region it is estimated that there were about 3,981,704 crop s holders in rural areas and of which about 3,180,735 (79.88%) reported to own axes, about 33.48% reporting 'Gejeras' (choppers), and 30.51% 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 9 and 8 years respectively, while for shovel it was 6 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 Shows that the percentage distribution of the number of crop holders that owned one, two, three, four and five and above hoe was 33.6%, 8.88%, 1.88%, 0.57% and 0.25% respectively. For details, see Summary Table VIII.4.

3.2 Draught Animals

Peasants in Ethiopia use domestic animals for draught purpose. In several parts of the country since 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 from the data 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 2.5 billion Birr. About 2.4 million crop holders (61.39% of the total crop holders in the region) reported 6.2 million cattle (working age cattle) used for threshing and these cattle had a value of over 3.1 billion Birr and the average replacement value of a working age cattle was about 206.13 Birr. It was also indicated that asses, horses and mules were used by the holders for threshing and transportation.

The estimated number and percentage distribution of crop holders in rural areas of Ormia Region that owned implements, equipment and draught animals are shown in Summary Table VIII.4. Thus, the data resulting from the agricultural census shows that there were about 3,981,704 crop holders in rural areas. Among these 23.10%, 29.76%, 2.91%, 3.65% and 0.75% holders owned one, two, three, four and five and above oxen. On the other hand about 39.82% 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 'Debignit', '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 'Gottera' was reported by the highest number of holders. The total value of all reported storage facilities was assessed to be 97,233,008 Birr, of which 66.9%, 17.45% and 13.65% comprises of 'Gottera', 'Gudguad' and 'Debigint', respectively. The percentage distribution of the number of crop holders that owned 'Gottera', 'Gudguad', 'Debignit' and Modern storage facilities 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	3,180,735	79.88	5,054,757	1.27	44,271,946	5.56	9
'Gejeras' (Choppers).....	1,333,104	33.48	1,749,572	0.44	22,959,673	10.41	8
Shovels.....	1,214,645	30.51	1,398,222	0.35	16,286,908	10.07	6
Used for Cultivation							
Hoes	1,799,090	45.18	2,415,953	0.61	24,116,966	7.75	7
'Meakeshas'.....	209,704	5.27	302,718	0.08	1,243,920	3.46	5
Pick-Axes.....	726,698	18.25	1,014,770	0.25	8,316,289	6.37	8
Tractor	-	-	-	-	-	-	-
Parts for traditional Plough							
' Degers'.....	2,573,190	64.63	4,400,328	1.11	11,040,065	1.56	2
' Erfes'.....	2,534,338	63.65	3,596,052	0.90	5,971,842	1.18	1
Plough -Beams.....	2,591,935	65.10	3,538,714	0.89	33,026,990	6.88	4
Plough - Tips.....	2,602,623	65.36	3,120,697	0.78	41,238,102	11.04	5
'Wegel' – Tips	2,561,628	64.33	3,040,310	0.76	14,529,949	4.04	5
Yokes	2,585,850	64.94	3,104,582	0.78	20,857,735	5.56	5
Used for Harvesting							
Sickles.....	3,039,059	76.33	4,653,886	1.17	43,156,448	6.49	6
Used for Threshing							
Hay-Forks (metal).....	321,442	8.07	394,572	0.10	5,989,744	12.38	10
Hay-Forks (wood).....	1,229,590	30.88	1,924,887	0.48	6,310,750	2.29	4
Threshing Sticks	765,449	19.22	1,607,086	0.40	2,073,942	0.78	2
Winnowers (metal)	9,681	0.24	11,072	0.00	94,136	7.54	7
Winnowers (wood)	969,714	24.35	1,087,145	0.27	8,963,176	7.40	8
Other farm Equipment							
Carts	37,604	0.94	43,940	0.01	6,970,164	147.37	6
Sprayers (Hand operated)	57,062	1.43	61,051	0.02	15,408,997	248.90	8
Sprayers (Power operated) ..	-	-	-	-	-	-	-
Tying Tools.....	-	-	-	-	-	-	-
Wheelbarrows.....	13,992	0.35	14,480	0.00	1,516,648	102.71	9

- 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	5,019	0.13	7,307	0.00	3,399,143	301.08	6
Camels.....	71	0.00	71	0.00	64,007	901.51	*
Horses.....	334	0.01	522	0.00	239,501	261.95	6
Mules.....	-	-	-	-	-	-	-
Oxen	2,396,172	60.18	4,459,312	1.12	2,531,549,355	303.64	6
Used for Threshing or Transportation							
Asses	975,587	24.50	1,211,592	0.30	314,041,592	208.78	8
Camels.....	11,450	0.29	16,944	0.00	14,980,711	590.07	8
Cattle	2,444,409	61.39	6,242,998	1.57	3,140,442,613	206.13	6
Horses.....	369,961	9.29	508,863	0.13	190,677,389	274.53	8
Mules.....	88,925	2.23	92,025	0.02	80,021,173	843.52	10

- 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'	962,633	24.18	1,898,703	0.48	13,276,313	3.63	3
'Gotteras'	1,947,637	48.91	3,198,187	0.80	66,981,781	13.16	11
'Gudguads'	677,191	17.01	786,932	0.20	16,974,914	19.72	8
Modern Storage Structures ..	15,280	0.38	21,301	0.01	*	*	44

- 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	800,934	20.12	1,823,684	45.80	993,135	24.94	265,113	6.66	68,777	1.73	30,061	0.75
'Gejera'	2,648,565	66.52	1,021,818	25.66	244,063	6.13	45,412	1.14	14,392	0.36	7,454	0.19
Shovel	2,767,025	69.49	1,058,593	26.59	135,557	3.40	16,079	0.40	3,012	0.08	1,438	0.04
Used for Cultivation												
Hoes	2,182,613	54.82	1,337,905	33.60	353,522	8.88	75,026	1.88	22,840	0.57	9,798	0.25
'Mekeskeshas'	3,772,000	94.73	143,579	3.61	48,797	1.23	10,745	0.27	4,829	0.12	1,754	0.04
Pick- Axes	3,255,007	81.75	526,557	13.22	145,324	3.65	36,230	0.91	12,047	0.30	6,539	0.16
Tractors	3,981,704	100.00	-	-	-	-	-	-	-	-	-	-
Parts for traditional Plough												
'Degers'	1,408,480	35.37	1,325,411	33.29	993,759	24.96	35,563	0.89	183,533	4.61	34,958	0.88
'Ertes' (Handle)	1,447,331	36.35	1,782,071	44.76	576,349	14.47	97,016	2.44	55,865	1.40	23,072	0.58
Plough-Beam.	1,389,734	34.90	1,863,461	46.80	587,301	14.75	90,425	2.27	36,533	0.92	14,250	0.36
Plough -Tips	1,379,046	34.63	2,163,999	54.35	388,456	9.76	35,329	0.89	11,120	0.28	3,754	0.09
'Wegel' -Tips	1,420,040	35.66	2,154,441	54.11	361,099	9.07	31,392	0.79	10,903	0.27	3,829	0.10
Yokes	1,395,819	35.06	2,135,664	53.64	401,706	10.09	34,915	0.88	10,347	0.26	3,253	0.08
Used for Harvesting												
Sickles	942,609	23.67	1,904,822	47.84	821,427	20.63	202,255	5.08	77,274	1.94	33,317	0.84
Used for Threshing												
Hay-Forks (Metal)	3,660,261	91.93	259,231	6.51	53,609	1.35	6,784	0.17	1,582	0.04	237	0.01
Hay-Forks (Wood)	2,752,114	69.12	755,311	18.97	339,140	8.52	81,509	2.05	37,194	0.93	16,436	0.41
Threshing Sticks	3,216,254	80.78	393,928	9.89	216,360	5.43	63,864	1.60	42,291	1.06	49,007	1.23
Winnowers (Metal)	3,972,022	99.76	8,597	0.22	886	0.02	172	0.00	-	-	27	0.00
Winnowers (Wood)	3,011,989	75.65	866,558	21.76	93,369	2.34	6,967	0.17	2,081	0.05	740	0.02
Other Farm Equipment												
Carts	3,944,100	99.06	32,482	0.82	4,411	0.11	325	0.01	357	0.01	29	0.00
Sprayers (Hand Operated)	3,924,641	98.57	54,134	1.36	2,253	0.06	527	0.01	34	0.00	115	0.00
Sprayers (Power Operated)	3,981,704	100.00	-	-	-	-	-	-	-	-	-	-
Tying Tools	3,981,704	100.00	-	-	-	-	-	-	-	-	-	-
Wheelbarrows	3,967,712	99.65	13,565	0.34	367	0.01	60	0.00	-	-	-	-
Animals Used for Ploughing												
Asses	3,976,685	99.87	3,302	0.08	1,440	0.04	104	0.00	132	0.00	41	0.00
Camels	3,981,633	100.00	71	0.00	-	-	-	-	-	-	-	-
Horses	3,981,371	99.99	211	0.01	90	0.00	-	-	32	0.00	-	-
Mules	3,981,704	100.00	-	-	-	-	-	-	-	-	-	-
Oxen	1,585,498	39.82	919,765	23.10	1,185,006	29.76	115,974	2.91	145,452	3.65	30,009	0.75
Animals Used for Threshing or Transportation												
Asses	3,006,116	75.50	781,908	19.64	161,975	4.07	24,097	0.61	5,668	0.14	1,940	0.05
Camels	3,970,253	99.71	8,129	0.20	2,259	0.06	617	0.02	261	0.01	185	0.00
Cattle	1,537,259	38.61	775,945	19.49	901,343	22.64	257,459	6.47	232,534	5.84	277,164	6.96
Horses	3,611,742	90.71	266,440	6.69	78,411	1.97	17,992	0.45	5,230	0.13	1,889	0.05
Mules	3,892,779	97.77	86,228	2.17	2,456	0.06	109	0.00	103	0.00	29	0.00
Storage Structure												
'Debignits'	3,019,071	75.82	390,257	9.80	346,649	8.71	135,877	3.41	61,429	1.54	28,421	0.71
'Gottaras'	2,034,066	51.09	1,122,574	28.19	545,990	13.71	185,009	4.65	65,890	1.65	28,175	0.71
'Gudguads'	3,304,513	82.99	597,609	15.01	60,814	1.53	12,047	0.30	4,637	0.12	2,084	0.05
Modern Storages	3,966,423	99.62	11,121	0.28	2,802	0.07	997	0.03	247	0.01	114	0.00

STATISTICAL TABLES PRESENTING THE CENSUS
RESULTS AT
ZONAL AND WOREDA LEVELS

Tables 8.1A- 8.34A

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)
Oromia Region	3,981,704	3,180,735	5,054,757	1.27	44,271,946	5.56	9
West Welega Zone	313,923	277,927	449,882	1.43	3,811,971	5.20	8
Mana Sibu	27,022	24,544	45,490	1.68	341,420	3.98	7
Nejo	17,916	16,463	29,415	1.64	183,494	3.41	8
Gimbi	17,096	15,859	26,994	1.58	199,241	4.23	7
Lalo Asabi	10,906	9,910	18,035	1.65	133,404	4.32	6
Boji	15,188	14,119	24,201	1.59	159,142	3.75	6
Ayra Guliso	16,371	14,712	24,776	1.51	162,011	3.71	6
Jarso	16,190	14,991	25,731	1.59	196,853	4.33	8
Gidami	13,636	11,772	18,145	1.33	219,596	7.59	10
Jimma Horo	6,869	5,876	8,707	1.27	94,137	7.14	10
Hawa Welel	17,315	14,974	21,470	1.24	265,610	7.84	12
Gawo Dale	23,820	21,591	31,793	1.33	310,859	6.60	9
Dale Sadi	11,117	9,502	14,580	1.31	106,881	4.59	9
Yubdo	5,640	5,017	8,265	1.47	77,435	5.62	8
Ganji	9,611	8,155	14,725	1.53	108,277	3.86	7
Haru	11,508	10,515	19,147	1.66	147,859	4.16	8
Nole Kaba	23,388	20,546	33,020	1.41	282,822	5.22	9
Lalo Kilie	7,900	6,483	9,845	1.25	72,120	4.67	7
Sayo	19,844	15,258	19,324	0.97	184,093	7.53	9
Anfilo	11,848	9,964	14,365	1.21	176,216	8.27	8
Begi	30,734	27,678	41,853	1.36	390,501	6.27	7
East Welega Zone	260,893	239,123	408,047	1.56	3,050,986	4.34	8
Limu	20,690	18,983	29,738	1.44	217,087	4.51	7
Ibantu	5,087	5,035	8,112	1.59	56,282	4.22	5
Gida Kiremu	22,168	20,866	33,991	1.53	256,350	4.83	8
Jarte	7,363	6,789	11,818	1.61	122,585	5.85	7
Amuru	7,739	7,180	12,776	1.65	128,898	5.69	8
Abe Dongoro	9,470	8,384	14,385	1.52	154,967	6.58	10
Jimma Horo	24,023	22,341	38,485	1.60	358,595	5.29	9
Abay Chomen	4,715	4,440	8,756	1.86	86,319	4.88	9
Guduru	21,520	20,016	37,330	1.73	272,694	3.92	8
Jimma Rare	7,738	7,481	14,138	1.83	92,585	3.33	8
Bila Seyo	13,470	11,732	17,681	1.31	129,005	4.85	10
Sibu Sire	15,203	12,723	19,630	1.29	138,724	4.65	8
Guto Wayu	28,487	26,247	43,241	1.52	287,899	3.97	8
Sasiga	11,346	10,216	17,429	1.54	104,992	3.13	8
Leka Dulecha	10,555	10,032	18,501	1.75	106,187	3.04	9
Diga	11,868	10,889	18,788	1.58	134,048	4.07	9
Jimma Arjo	13,333	12,116	19,773	1.48	133,675	4.20	9
Nunu Kumba	10,438	9,552	18,011	1.73	105,158	3.09	9
Wama Bonaya	15,680	14,104	25,468	1.62	164,936	3.47	8
Illibabor Zone	195,287	154,535	242,189	1.24	1,943,056	4.95	11
Darimu	22,324	14,401	19,293	0.86	139,844	5.17	11
Supena Sodo	13,139	10,677	16,768	1.28	130,890	4.70	10
Chora	19,554	16,476	25,690	1.31	216,906	5.19	12
Dega	10,191	8,229	12,334	1.21	81,012	4.34	8
Bedele	20,513	16,520	24,553	1.20	181,183	4.85	9
Gechi	10,893	9,236	14,556	1.34	117,491	5.05	12
Borecha Wereda	9,030	7,175	10,521	1.17	79,929	5.00	9
Dedesa	14,033	11,727	18,968	1.35	153,959	4.89	13
yayu	19,201	16,038	28,239	1.47	252,870	4.94	13
Metu	22,651	17,292	26,894	1.19	200,266	4.67	12

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

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)
Illibabor Zone.....							
Ale	17,356	14,731	25,864	1.49	248,927	5.45	12
Bure	11,992	8,315	12,538	1.05	74,430	3.90	13
Nono	4,411	3,719	5,971	1.35	65,349	6.57	11
Jimma Zone	443,315	365,401	606,061	1.37	5,464,583	5.51	11
Limu Seka	29,245	24,988	37,486	1.28	274,426	4.88	8
Limu Kosa	45,921	32,537	44,978	0.98	615,307	10.08	13
Sokoru	25,586	22,763	47,317	1.85	311,675	2.80	9
Tiro Afeta	24,135	21,335	38,667	1.60	342,685	4.74	11
Kersa.....	29,474	24,363	40,366	1.37	414,642	5.99	9
Mana	27,816	22,879	35,249	1.27	288,645	5.29	11
Goma	49,523	40,858	58,984	1.19	540,901	6.40	11
Gera	20,803	19,189	31,774	1.53	291,905	5.73	12
Seka chekorsa.....	56,422	41,483	67,258	1.19	659,061	6.37	15
Dedo	54,035	44,379	76,502	1.42	696,803	5.17	14
Omonada	45,972	42,325	89,140	1.94	661,700	3.47	8
Sigmo.....	16,132	14,043	19,430	1.20	167,833	6.16	9
Setema	18,249	14,257	18,912	1.04	199,001	7.85	11
West Shewa Zone.....	502,591	433,901	760,372	1.51	5,460,839	4.06	10
Ginde Beret	33,630	30,555	56,414	1.68	378,456	3.60	9
Jeldu.....	33,701	29,305	52,120	1.55	449,297	4.80	10
Ambo	40,122	34,666	66,468	1.66	371,251	2.78	10
Cheliya.....	37,011	34,654	74,314	2.01	429,926	2.68	8
Bako Tibe	19,389	17,036	31,204	1.61	172,779	2.94	9
Dano	15,544	14,154	26,719	1.72	188,393	3.59	9
Nono	23,140	21,200	40,643	1.76	309,884	3.89	9
Tikur	12,596	10,513	16,608	1.32	118,028	4.46	12
Amaya	21,943	19,867	40,718	1.86	267,473	3.14	8
Wonchi	17,405	15,165	26,027	1.50	180,805	3.96	7
Dendi	37,106	32,199	57,903	1.56	498,217	4.71	15
Ejerie	15,219	12,312	20,837	1.37	151,306	4.13	11
Adda Berga.....	19,302	16,398	26,003	1.35	178,155	4.19	8
Walmara	17,073	15,122	23,527	1.38	187,773	5.09	11
Alem Gana.....	20,607	16,590	25,553	1.24	227,142	5.62	10
Kersana Kondaltiti	22,051	19,790	30,981	1.40	263,079	5.50	8
Tole.....	10,401	8,025	12,012	1.15	111,896	5.62	7
Elu	10,354	7,576	11,327	1.09	113,783	6.60	13
Dawo	13,068	10,502	16,040	1.23	127,685	5.32	10
Walisona Goro.....	35,633	30,242	48,962	1.37	295,449	3.58	8
Becho.....	11,294	8,234	11,486	1.02	83,067	5.21	10
Kokir.....	12,362	9,393	13,143	1.06	124,445	6.44	10
Meta Robi	23,639	20,402	31,361	1.33	232,550	4.68	11
North Shewa(Oromia) Zone.....	237,011	201,220	323,239	1.36	2,101,107	3.93	10
Wara Jarso	25,009	23,037	37,073	1.48	218,400	3.63	9
Dera	35,035	33,315	59,837	1.71	296,198	2.76	7
Hidabu Abote	15,884	13,674	20,530	1.29	116,154	3.67	8
Kuyu	20,090	17,949	29,627	1.47	152,859	3.11	10
Degem	17,936	15,857	23,614	1.32	137,499	3.85	10
Gerar Jarso.....	13,163	11,883	19,976	1.52	143,276	4.02	10
Yaya Gulelena Debre Libano...	16,566	13,919	22,570	1.36	161,190	4.33	10
Wuchalena Jido	22,017	16,813	23,991	1.09	176,344	4.78	11
Abichuna Gna'a	11,868	8,581	12,867	1.08	78,324	3.74	12
Kembibit.....	10,860	7,436	10,425	0.96	82,310	5.29	11
Berehna Aleltu.....	24,774	18,525	29,170	1.18	274,377	5.65	13
Mulona Sululta	23,810	20,231	33,558	1.41	264,176	4.55	15

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

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)
East Shewa Zone	314,966	240,927	411,591	1.31	3,069,800	4.46	7
Fentale	6,677	5,834	8,893	1.33	89,253	6.82	5
Boset	24,837	20,563	40,085	1.61	282,258	3.68	8
Adama	26,906	20,940	34,451	1.28	263,771	4.63	8
Lome	14,564	11,047	19,356	1.33	195,032	5.85	10
Gimbichu	15,569	11,082	16,897	1.09	150,304	5.66	11
Ada'a Liben Chukala	40,176	30,926	55,849	1.39	442,153	4.40	9
Dugda Bora	28,844	23,642	39,522	1.37	250,464	3.83	9
Adami Tullu Jido Kombolcha	23,794	14,860	23,025	0.97	174,562	5.33	7
Arsi Negele	26,584	17,965	33,758	1.27	365,857	6.86	8
Shashemene	46,108	36,323	64,012	1.39	381,507	3.47	4
Seraro	48,209	37,585	59,266	1.23	340,273	3.48	4
Akaki	12,696	10,160	16,478	1.30	134,366	4.95	9
Arsi Zone	493,007	389,736	669,093	1.36	6,854,842	5.82	11
Merti	22,750	20,090	40,006	1.76	527,742	6.43	11
Aseko	14,396	11,850	21,121	1.47	320,562	8.18	11
Gololcha	29,178	23,170	33,083	1.13	461,134	9.85	9
Jeju	22,217	18,380	31,785	1.43	289,224	5.12	8
Dodotana Sire	22,887	19,028	36,748	1.61	312,252	4.33	12
Zeway Dugda	21,200	16,926	30,638	1.45	257,590	4.58	11
Hitosa	39,229	30,436	51,656	1.32	541,404	6.15	13
Sude	25,501	19,865	31,978	1.25	324,689	6.11	9
Chole	15,918	14,014	26,739	1.68	381,326	7.36	9
Amigna	11,176	9,122	14,609	1.31	131,613	5.73	9
Seru	18,205	14,791	24,021	1.32	238,736	6.08	9
Robe	27,062	21,771	35,255	1.30	251,488	4.28	9
Tena	20,684	17,191	29,537	1.43	254,999	4.81	11
Sherka	26,405	22,820	45,235	1.71	400,245	4.32	13
Digeluna Tijo	22,181	17,600	29,445	1.33	307,327	6.05	12
Tiyo	15,978	12,579	23,614	1.48	298,332	6.48	13
Munesa	35,171	28,028	52,939	1.51	729,355	7.08	13
Bekoji	35,995	25,292	39,229	1.09	270,790	3.87	12
Gedeb	24,847	14,563	21,122	0.85	145,113	4.28	9
Kofele	42,028	32,219	50,331	1.20	410,922	5.91	9
West Harerge Zone	291,356	200,946	264,047	0.91	3,825,324	11.13	8
Mieso	16,400	9,861	12,955	0.79	221,199	13.54	7
Doba	22,768	18,325	27,296	1.20	298,461	7.01	11
Tulo	24,329	18,203	24,090	0.99	236,501	7.36	9
Mesela	25,840	17,855	24,178	0.94	291,864	8.89	8
Chiro	62,368	40,043	49,423	0.79	780,675	12.93	8
Goba Koricha	20,014	14,043	19,085	0.95	312,581	12.11	7
Anchar	13,430	10,729	14,649	1.09	230,595	11.12	8
Habro	30,386	18,902	25,948	0.85	372,337	10.29	9
Darolebu	26,978	22,180	28,426	1.05	470,194	12.79	8
Boke	22,144	14,339	17,712	0.80	239,068	11.02	7
Kuni	26,701	16,468	20,285	0.76	371,848	15.75	7
East Harerge Zone	387,193	280,925	388,139	1.00	3,618,594	6.70	9
Kombolcha	20,710	15,335	20,680	1.00	261,879	9.40	6
Jarso	17,052	12,872	18,331	1.08	169,416	6.31	8
Gursum	25,567	21,596	32,642	1.28	215,143	4.30	6
Babile	10,237	8,746	14,212	1.39	176,658	7.79	6
Fedis	24,565	19,550	27,020	1.10	303,809	7.90	11
Haro Maya	31,404	20,741	29,372	0.94	267,122	6.37	8
Kurfa Chele	7,122	5,118	7,125	1.00	87,294	8.69	10
Kersa	27,745	18,224	24,040	0.87	246,051	7.31	8

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

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Axes Reported	Average Number Per Holder Reported	Total Value (Birr)	Average Replacement Value Per Axe (Birr)	Average Duration of Service of Axe (Years)
East Harerge Zone.....							
Meta.....	43,775	30,234	41,871	0.96	298,722	5.14	8
Goro Gutu.....	25,718	17,814	23,838	0.93	222,576	6.78	9
Deder.....	38,265	26,263	35,462	0.93	330,719	6.95	10
Malka Balo.....	24,930	15,932	21,344	0.86	228,020	8.33	10
Bedeno.....	43,356	33,458	43,228	1.00	412,732	7.39	12
Girawa.....	38,886	28,362	38,218	0.98	290,931	5.50	10
Gola Oda.....	7,861	6,679	10,758	1.37	107,521	6.45	10
Bale Zone.....	259,058	187,996	262,036	1.01	2,481,997	6.89	10
Kokosa.....	23,375	16,974	20,711	0.89	173,929	7.27	10
Dodola.....	23,650	16,960	22,685	0.96	179,601	5.95	9
Adaba.....	19,856	14,522	22,432	1.13	146,836	4.07	10
Agarfa.....	13,146	9,795	15,025	1.14	123,625	5.07	10
Gasera.....	12,088	7,697	11,115	0.92	131,030	8.42	10
Gololcha.....	14,914	12,201	19,910	1.33	181,507	5.43	13
Legchida.....	8,094	6,919	8,393	1.04	99,611	9.82	6
Ginir.....	21,653	17,745	27,975	1.29	206,368	4.56	9
Sinanana Dinsho.....	24,988	18,511	25,417	1.02	206,341	5.81	13
Goba.....	7,183	4,581	6,075	0.85	75,704	9.55	14
Mennana Arena Buluk.....	19,198	10,792	13,316	0.69	153,902	9.66	10
Nensebo.....	14,169	10,181	13,508	0.95	165,615	9.21	13
Meda Welabu.....	12,557	8,305	10,186	0.81	95,286	7.83	8
Berbere.....	10,213	6,790	8,153	0.80	137,319	14.37	10
Guradamole.....	4,160	2,852	3,545	0.85	43,284	9.89	11
Goro.....	15,934	10,990	15,834	0.99	184,295	7.97	11
Raytu.....	6,168	5,514	9,012	1.46	91,376	6.18	9
Seweyna.....	7,711	6,669	8,743	1.13	86,369	7.80	8
Borena Zone.....	283,104	208,098	270,062	0.95	2,588,848	7.49	8
Uruga.....	42,623	29,919	35,551	0.83	435,674	10.04	8
Bore.....	30,433	23,111	27,486	0.90	362,743	11.33	8
Adolana Wadera.....	22,616	20,202	23,867	1.06	333,739	11.81	7
Odo Shakiso.....	14,015	13,734	18,599	1.33	247,853	9.78	9
Hager Mariam.....	86,116	50,808	70,071	0.81	433,627	4.52	9
Yabelo.....	10,081	8,747	12,444	1.23	107,213	6.18	6
Arero.....	3,331	2,880	3,879	1.16	34,090	6.45	6
Liben.....	14,844	12,370	14,849	1.00	169,873	9.20	7
Moyale.....	10,736	7,833	9,713	0.90	93,899	7.82	6
Dire.....	13,719	12,261	18,308	1.33	131,745	4.93	8
Teltele.....	7,361	6,709	9,769	1.33	39,853	2.84	6
Gelana Abaya.....	27,229	19,524	25,525	0.94	198,539	5.55	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)
Oromia Region	3,981,704	1,333,104	1,749,572	0.44	22,959,673	10.41	8
West Welega Zone	313,923	226,294	336,752	1.07	2,986,280	5.82	6
Mana Sibu	27,022	14,789	17,178	0.64	148,266	7.42	7
Nejo	17,916	11,874	14,274	0.80	90,500	5.29	6
Gimbi	17,096	7,468	9,593	0.56	59,900	5.02	5
Lalo Asabi	10,906	7,715	10,850	0.99	65,887	4.24	4
Boji	15,188	10,978	15,082	0.99	98,303	4.80	6
Ayra Guliso	16,371	11,354	14,941	0.91	100,511	5.06	5
Jarso	16,190	10,222	12,165	0.75	82,457	5.87	7
Gidami	13,636	12,872	22,868	1.68	315,340	7.49	7
Jimma Horo	6,869	5,062	7,381	1.07	89,855	8.27	7
Hawa Welel	17,315	14,352	20,176	1.17	201,045	7.16	7
Gawo Dale	23,820	20,348	31,614	1.33	334,484	7.06	5
Dale Sadi	11,117	8,707	12,757	1.15	99,987	5.29	7
Yubdo	5,640	4,910	7,660	1.36	68,570	5.63	6
Ganji	9,611	6,883	10,081	1.05	57,321	3.91	5
Haru	11,508	4,091	4,813	0.42	34,754	6.13	8
Nole Kaba	23,388	16,491	21,707	0.93	218,560	7.63	8
Lalo Kilie	7,900	6,263	8,366	1.06	51,529	4.52	5
Sayo	19,844	17,267	28,065	1.41	212,893	4.70	5
Anfilo	11,848	9,899	24,293	2.05	280,157	4.69	4
Begi	30,734	24,750	42,887	1.40	375,960	5.04	6
East Welega Zone	260,893	128,616	158,799	0.61	1,399,508	7.23	7
Limu	20,690	15,840	20,483	0.99	146,848	5.59	5
Ibantu	5,087	4,020	5,325	1.05	37,720	5.43	4
Gida Kiremu	22,168	15,151	18,908	0.85	162,263	7.00	6
Jarte	7,363	3,281	3,586	0.49	59,246	15.25	8
Amuru	7,739	4,273	4,844	0.63	52,311	9.49	6
Abe Dongoro	9,470	6,981	8,997	0.95	137,216	11.80	8
Jimma Horo	24,023	12,124	12,864	0.54	161,457	11.90	8
Abay Chomen	4,715	1,292	1,395	0.30	16,757	11.19	8
Guduru	21,520	2,247	2,401	0.11	19,696	7.79	7
Jimma Rare	7,738	2,001	2,148	0.28	18,290	7.97	7
Bila Seyo	13,470	8,455	10,178	0.76	91,465	7.30	8
Sibu Sire	15,203	11,166	14,133	0.93	126,233	7.03	7
Guto Wayu	28,487	18,400	24,402	0.86	169,982	5.16	6
Sasiga	11,346	7,998	11,230	0.99	67,475	4.07	7
Leka Dulecha	10,555	1,576	1,924	0.18	12,596	5.43	8
Diga	11,868	4,947	6,323	0.53	45,619	5.72	9
Jimma Arjo	13,333	1,953	2,185	0.16	19,182	8.17	7
Nunu Kumba	10,438	945	1,103	0.11	7,917	6.39	9
Wama Bonaya	15,680	5,966	6,371	0.41	47,235	7.04	8
Illibabor Zone	195,287	163,440	230,223	1.18	2,473,044	7.43	8
Darimu	22,324	17,975	22,774	1.02	176,184	6.01	7
Supena Sodo	13,139	11,759	16,559	1.26	140,337	5.97	8
Chora	19,554	17,542	25,552	1.31	275,213	7.06	8
Dega	10,191	7,143	8,483	0.83	60,882	6.09	7
Bedele	20,513	14,967	19,105	0.93	154,123	6.26	7
Gechi	10,893	8,997	11,848	1.09	103,347	6.46	7
Borecha Wereda	9,030	7,303	9,614	1.06	84,758	6.52	7
Dedesa	14,033	11,047	14,735	1.05	243,653	12.19	9
yayu	19,201	17,166	27,662	1.44	427,069	9.61	8
Metu	22,651	20,440	31,326	1.38	255,762	5.20	8

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

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)
Illibabor Zone.....							
Ale	17,356	15,168	21,504	1.24	337,164	10.98	10
Bure	11,992	10,391	15,710	1.31	127,208	5.26	9
Nono	4,411	3,541	5,350	1.21	87,342	10.74	9
Jimma Zone	443,315	260,403	306,453	0.69	7,910,645	21.95	9
Limu Seka	29,245	18,098	21,230	0.73	439,196	17.77	7
Limu Kosa	45,921	34,642	45,653	0.99	1,203,917	19.61	8
Sokoru	25,586	5,464	5,924	0.23	95,142	14.85	10
Tiro Afeta	24,135	11,006	11,814	0.49	306,713	24.29	11
Kersa.....	29,474	16,978	19,639	0.67	589,770	25.38	9
Mana	27,816	19,095	22,387	0.80	550,775	20.63	9
Goma	49,523	39,115	51,158	1.03	1,307,115	20.67	8
Gera	20,803	17,831	20,833	1.00	685,113	28.50	7
Seka chekorsa.....	56,422	36,681	41,401	0.73	1,274,848	26.82	10
Dedo	54,035	29,384	31,785	0.59	660,923	19.01	9
Omonada	45,972	12,178	13,558	0.29	322,662	21.67	11
Sigmo.....	16,132	9,709	10,154	0.63	184,935	18.45	8
Setema	18,249	10,222	10,918	0.60	289,535	24.89	11
West Shewa Zone.....	502,591	83,537	90,677	0.18	846,290	8.60	8
Ginde Beret	33,630	269	269	0.01	*	*	*
Jeldu.....	33,701	3,039	3,466	0.10	32,669	8.23	10
Ambo.....	40,122	11,122	11,641	0.29	70,966	5.79	6
Cheliya.....	37,011	10,713	12,238	0.33	92,544	6.46	7
Bako Tibe	19,389	6,783	8,035	0.41	53,364	5.87	7
Dano	15,544	8,958	10,075	0.65	109,198	9.40	8
Nono	23,140	10,823	11,836	0.51	118,410	9.09	7
Tikur	12,596	6,297	6,515	0.52	39,285	5.59	6
Amaya	21,943	6,228	6,487	0.30	73,906	10.96	6
Wonchi	17,405	2,286	2,308	0.13	41,942	17.84	8
Dendi	37,106	6,780	7,039	0.19	64,534	8.90	11
Ejerie	15,219	307	324	0.02	2,968	8.83	9
Adda Berga.....	19,302	*	*	-	*	*	*
Walmara	17,073	699	725	0.04	7,531	10.18	13
Alem Gana.....	20,607	920	920	0.04	12,142	13.20	16
Kersana Kondaltiti	22,051	1,339	1,339	0.06	23,054	17.22	11
Tole.....	10,401	166	178	0.02	1,698	9.15	6
Elu	10,354	158	158	0.02	1,790	11.33	8
Dawo	13,068	475	475	0.04	9,630	20.27	10
Walisona Goro.....	35,633	3,053	3,397	0.10	42,610	11.52	9
Becho.....	11,294	334	348	0.03	5,304	14.43	18
Kokir.....	12,362	1,793	1,909	0.15	23,154	11.54	7
Meta Robi	23,639	343	343	0.01	4,540	13.24	14
North Shewa(Oromia) Zone.....	237,011	1,999	2,239	0.01	23,182	9.53	15
Wara Jarso	25,009	156	*	-	*	*	*
Dera	35,035	*	*	-	*	*	*
Hidabu Abote	15,884	*	*	-	*	*	*
Kuyu	20,090	*	*	-	*	*	*
Degem	17,936	243	291	0.02	*	*	8
Gerar Jarso.....	13,163	66	66	0.01	*	*	*
Yaya Gulelena Debre Libano.....	16,566	216	216	0.01	*	*	16
Wuchalena Jido	22,017	119	178	0.01	*	*	*
Abichuna Gna'a	11,868	*	*	-	*	*	*
Kembibit.....	10,860	*	*	-	*	*	*
Berehna Aleltu.....	24,774	188	215	0.01	3,017	13.78	*
Mulona Sululta	23,810	321	357	0.01	3,344	7.87	*

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

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)
East Shewa Zone	314,966	44,383	46,433	0.15	706,539	14.60	9
Fentale	6,677	1,326	1,455	0.22	30,125	19.14	7
Boset	24,837	1,186	1,186	0.05	20,061	16.92	13
Adama	26,906	3,887	3,968	0.15	67,986	16.69	10
Lome	14,564	615	615	0.04	10,043	16.33	10
Gimbichu	15,569	*	*	-	*	*	*
Ada'a Liben Chukala	40,176	1,398	1,398	0.03	24,875	17.57	10
Dugda Bora	28,844	5,766	6,243	0.22	51,660	7.82	9
Adami Tullu Jido Kombolcha	23,794	2,529	2,578	0.11	30,191	11.60	10
Arsi Negele	26,584	5,477	5,591	0.21	95,926	16.91	10
Shashemene	46,108	14,733	15,691	0.34	274,906	16.45	8
Seraro	48,209	7,272	7,514	0.16	97,760	12.59	7
Akaki	12,696	160	160	0.01	2,352	14.70	8
Arsi Zone	493,007	78,324	83,465	0.17	1,315,384	14.94	11
Merti	22,750	5,228	5,594	0.25	77,800	12.96	10
Aseko	14,396	1,359	1,490	0.10	23,257	14.32	9
Gololcha	29,178	9,549	10,914	0.37	181,384	15.20	7
Jeju	22,217	2,242	2,242	0.10	33,257	14.66	11
Dodotana Sire	22,887	1,604	1,695	0.07	21,394	11.99	16
Zeway Dugda	21,200	3,856	4,002	0.19	56,484	13.57	12
Hitosa	39,229	3,900	4,045	0.10	56,702	13.35	15
Sude	25,501	2,807	2,935	0.12	61,415	19.87	12
Chole	15,918	5,226	5,439	0.34	108,033	19.11	9
Amigna	11,176	2,890	3,187	0.29	51,290	14.56	8
Seru	18,205	5,101	5,401	0.30	83,189	14.51	8
Robe	27,062	1,783	1,783	0.07	26,187	14.69	13
Tena	20,684	2,365	2,489	0.12	33,378	12.67	12
Sherka	26,405	6,487	6,714	0.25	108,880	15.68	15
Digeluna Tijo	22,181	376	376	0.02	5,628	14.97	19
Tiyo	15,978	1,351	1,404	0.09	27,178	18.67	16
Munesa	35,171	3,979	4,024	0.11	84,204	20.65	14
Bekoji	35,995	3,325	3,503	0.10	62,497	16.89	10
Gedeb	24,847	784	823	0.03	11,589	13.60	17
Kofele	42,028	14,111	15,403	0.37	201,638	12.39	11
West Harerge Zone	291,356	17,957	19,589	0.07	420,340	19.79	7
Mieso	16,400	860	880	0.05	20,849	23.24	7
Doba	22,768	330	360	0.02	*	*	8
Tulo	24,329	*	*	-	*	*	*
Mesela	25,840	2,101	2,613	0.10	*	13.40	7
Chiro	62,368	*	*	-	*	*	*
Goba Koricha	20,014	1,815	2,125	0.11	41,388	17.62	6
Anchar	13,430	2,488	2,553	0.19	57,408	21.94	11
Habro	30,386	1,742	1,820	0.06	37,471	19.72	*
Darolebu	26,978	3,681	3,844	0.14	82,331	20.39	8
Boke	22,144	186	186	0.01	*	*	*
Kuni	26,701	3,439	3,821	0.14	106,274	24.96	5
East Harerge Zone	387,193	4,996	5,405	0.01	86,749	14.94	9
Kombolcha	20,710	346	346	0.02	6,350	18.35	5
Jarso	17,052	*	*	-	*	*	*
Gursum	25,567	*	*	-	*	*	*
Babile	10,237	*	*	-	*	*	*
Fedis	24,565	*	*	-	*	*	*
Haro Maya	31,404	*	*	-	*	*	*
Kurfa Chele	7,122	41	50	0.01	964	16.21	7
Kersa	27,745	*	*	-	8,204	*	*

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

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)
East Harerge Zone							
Meta	43,775	*	*	-	*	*	*
Goro Gutu	25,718	*	*	-	*	*	*
Deder	38,265	*	*	-	*	*	*
Malka Balo	24,930	303	333	0.01	4,901	13.51	8
Bedeno	43,356	378	*	-	*	*	8
Girawa	38,886	*	*	-	*	*	*
Gola Oda	7,861	*	*	-	*	*	*
Bale Zone	259,058	129,713	146,824	0.57	1,866,032	11.31	9
Kokosa	23,375	15,893	18,343	0.78	220,055	10.17	11
Dodola	23,650	7,490	7,897	0.33	81,193	9.65	9
Adaba	19,856	3,051	3,235	0.16	40,602	11.86	10
Agarfa	13,146	5,652	5,884	0.45	76,095	12.40	10
Gasera	12,088	4,427	4,629	0.38	80,988	16.67	9
Gololcha	14,914	6,493	6,674	0.45	91,697	13.28	12
Legehida	8,094	1,686	1,786	0.22	27,369	14.60	7
Ginir	21,653	11,080	11,592	0.54	153,030	12.57	10
Sinanana Dinsho	24,988	7,427	7,525	0.30	68,653	9.06	12
Goba	7,183	4,581	4,884	0.68	64,191	12.25	11
Mennana Arena Buluk	19,198	14,555	16,359	0.85	186,170	9.92	7
Nensebo	14,169	13,097	21,160	1.49	246,036	7.83	8
Meda Welabu	12,557	8,246	8,772	0.70	106,015	11.42	7
Berbere	10,213	6,274	7,379	0.72	104,829	11.77	7
Guradamole	4,160	3,130	3,248	0.78	45,672	13.48	9
Goro	15,934	11,613	12,250	0.77	196,831	15.29	10
Raytu	6,168	2,392	2,488	0.40	37,548	14.66	10
Seweyna	7,711	2,627	2,720	0.35	39,058	13.95	9
Borena Zone	283,104	193,443	322,714	1.14	2,925,680	5.60	6
Uruga	42,623	40,438	69,496	1.63	737,558	6.04	6
Bore	30,433	25,740	35,654	1.17	407,450	8.40	6
Adolana Wadera	22,616	19,468	25,879	1.14	344,574	10.02	6
Odo Shakiso	14,015	13,441	24,577	1.75	263,923	6.05	6
Hager Mariam	86,116	57,194	114,727	1.33	745,501	3.23	5
Yabelo	10,081	2,360	2,578	0.26	24,812	8.62	6
Arero	3,331	813	916	0.27	8,963	9.02	7
Liben	14,844	3,963	4,393	0.30	50,999	10.15	7
Moyale	10,736	6,111	7,113	0.66	63,714	7.98	5
Dire	13,719	4,475	4,940	0.36	37,735	6.91	9
Teltele	7,361	374	374	0.05	2,082	5.57	7
Gelana Abaya	27,229	19,067	32,067	1.18	238,367	4.47	6

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)
Oromia Region	3,981,704	1,214,645	1,398,222	0.35	16,286,908	10.07	6
West Welega Zone	313,923	47,392	48,704	0.16	594,885	11.87	7
Mana Sibu	27,022	5,683	5,840	0.22	72,716	12.12	7
Nejo	17,916	3,042	3,042	0.17	33,689	11.07	7
Gimbi	17,096	1,993	2,039	0.12	28,315	13.62	8
Lalo Asabi	10,906	1,424	1,509	0.14	21,781	13.63	8
Boji	15,188	3,101	3,193	0.21	42,657	13.02	8
Ayra Guliso	16,371	2,446	2,548	0.16	29,591	11.09	7
Jarso	16,190	3,314	3,336	0.21	39,559	11.83	8
Gidami	13,636	2,223	2,250	0.17	25,181	11.07	6
Jimma Horo	6,869	987	998	0.15	11,514	11.33	7
Hawa Welel	17,315	2,504	2,552	0.15	29,425	11.24	8
Gawo Dale	23,820	4,233	4,401	0.18	50,421	10.89	7
Dale Sadi	11,117	1,228	1,262	0.11	12,150	9.44	8
Yubdo	5,640	773	809	0.14	11,012	13.03	8
Ganji	9,611	1,088	1,151	0.12	17,569	14.71	7
Haru	11,508	1,068	1,097	0.10	15,149	13.28	10
Nole Kaba	23,388	2,103	2,193	0.09	30,921	13.46	10
Lalo Kilie	7,900	871	881	0.11	10,148	11.41	8
Sayo	19,844	2,995	3,044	0.15	30,457	9.86	7
Anfilo	11,848	2,670	2,809	0.24	36,840	12.49	6
Begi	30,734	3,645	3,748	0.12	45,792	11.92	7
East Welega Zone	260,893	38,079	39,188	0.15	458,661	11.44	8
Limu	20,690	2,840	2,840	0.14	32,192	11.34	8
Ibantu	5,087	754	800	0.16	7,031	8.32	6
Gida Kiremu	22,168	2,860	2,915	0.13	32,146	10.99	11
Jarte	7,363	1,028	1,028	0.14	14,910	14.50	7
Amuru	7,739	1,083	1,104	0.14	16,255	14.38	7
Abe Dongoro	9,470	1,352	1,364	0.14	18,016	13.11	12
Jimma Horo	24,023	3,805	3,882	0.16	53,657	13.46	8
Abay Chomen	4,715	834	873	0.19	12,385	13.43	8
Guduru	21,520	2,675	2,733	0.13	40,160	14.45	7
Jimma Rare	7,738	1,361	1,372	0.18	18,559	13.43	8
Bila Seyo	13,470	1,968	2,026	0.15	22,940	10.88	9
Sibu Sire	15,203	2,291	2,650	0.17	29,901	10.52	8
Guto Wayu	28,487	5,166	5,286	0.19	54,972	10.14	8
Sasiga	11,346	2,073	2,131	0.19	16,867	7.67	9
Leka Dulecha	10,555	1,643	1,669	0.16	20,364	11.96	9
Diga	11,868	2,380	2,521	0.21	22,337	8.39	9
Jimma Arjo	13,333	1,344	1,344	0.10	17,459	12.99	9
Nunu Kumba	10,438	791	817	0.08	7,937	9.43	8
Wama Bonaya	15,680	1,831	1,831	0.12	20,573	11.24	8
Illibabor Zone	195,287	31,841	33,169	0.17	318,707	9.12	9
Darimu	22,324	1,986	2,077	0.09	23,631	10.54	9
Supena Sodo	13,139	1,686	1,725	0.13	17,220	9.68	8
Chora	19,554	2,649	2,770	0.14	22,943	7.87	10
Dega	10,191	1,306	1,317	0.13	10,957	8.25	9
Bedele	20,513	2,482	2,556	0.12	22,719	8.47	10
Gechi	10,893	1,107	1,107	0.10	11,337	10.24	11
Borecha Wereda	9,030	612	639	0.07	5,893	8.38	10
Dedesa	14,033	2,477	2,539	0.18	28,018	10.66	10
yayu	19,201	4,567	4,931	0.26	60,323	11.19	11
Metu	22,651	6,079	6,425	0.28	54,992	8.06	8

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

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)
Illibabor Zone.....							
Ale	17,356	3,864	3,903	0.22	33,963	8.59	9
Bure	11,992	2,580	2,735	0.23	23,249	8.04	8
Nono	4,411	447	447	0.10	3,462	7.75	10
Jimma Zone	443,315	59,047	61,557	0.14	824,112	12.87	9
Limu Seka	29,245	1,525	1,525	0.05	16,466	10.80	9
Limu Kosa	45,921	5,543	5,643	0.12	83,645	14.56	9
Sokoru	25,586	4,098	4,203	0.16	46,441	10.78	10
Tiro Afeta	24,135	3,082	3,233	0.13	46,532	13.67	9
Kersa.....	29,474	3,999	4,117	0.14	60,112	14.23	9
Mana	27,816	4,573	4,682	0.17	63,461	13.34	8
Goma	49,523	9,088	9,273	0.19	114,277	12.09	10
Gera	20,803	3,095	3,527	0.17	40,903	11.13	8
Seka chekorsa.....	56,422	6,565	7,261	0.13	95,959	11.86	10
Dedo	54,035	9,124	9,486	0.18	138,375	13.99	9
Omonada	45,972	5,432	5,618	0.12	81,508	13.80	10
Sigmo.....	16,132	1,269	1,269	0.08	14,160	11.16	8
Setema	18,249	1,655	1,721	0.09	22,272	12.47	9
West Shewa Zone.....	502,591	105,529	108,168	0.22	1,281,175	11.54	8
Ginde Beret	33,630	4,823	5,000	0.15	66,211	12.80	9
Jeldu.....	33,701	4,900	4,989	0.15	66,740	12.98	8
Ambo.....	40,122	10,287	10,517	0.26	86,628	8.09	8
Cheliya.....	37,011	5,795	5,930	0.16	67,240	11.11	8
Bako Tibe	19,389	3,659	3,892	0.20	38,670	9.31	7
Dano	15,544	1,678	1,754	0.11	20,978	11.34	8
Nono	23,140	4,818	4,948	0.21	58,934	11.66	8
Tikur	12,596	4,379	4,441	0.35	53,660	11.92	8
Amaya	21,943	3,928	3,982	0.18	52,247	13.01	8
Wonchi	17,405	6,700	6,763	0.39	102,843	15.05	6
Dendi	37,106	7,599	7,599	0.20	73,815	9.71	11
Ejerie	15,219	2,710	2,710	0.18	26,372	9.73	9
Adda Berga.....	19,302	2,981	2,981	0.15	33,087	11.10	7
Walmara	17,073	4,985	5,085	0.30	43,960	8.51	8
Alem Gana.....	20,607	5,225	5,565	0.27	75,864	12.82	9
Kersana Kondaltiti	22,051	5,022	5,109	0.23	70,117	13.55	8
Tole.....	10,401	1,215	1,215	0.12	15,668	12.90	8
Elu	10,354	1,417	1,429	0.14	17,304	11.98	8
Dawo	13,068	1,238	1,238	0.09	15,781	12.75	10
Walisona Goro.....	35,633	13,494	14,067	0.39	184,125	12.46	8
Becho.....	11,294	1,802	1,871	0.17	22,638	11.50	8
Kokir.....	12,362	3,935	4,088	0.33	50,116	11.76	7
Meta Robi	23,639	2,938	2,994	0.13	38,179	12.63	11
North Shewa(Oromia) Zone.....	237,011	45,085	46,344	0.20	498,435	10.45	10
Wara Jarso	25,009	2,352	2,566	0.10	31,972	11.59	12
Dera	35,035	2,813	2,935	0.08	31,031	10.07	7
Hidabu Abote	15,884	844	862	0.05	10,477	11.84	11
Kuyu	20,090	1,341	1,341	0.07	16,267	12.13	12
Degem	17,936	2,334	2,358	0.13	25,396	10.68	12
Gerar Jarso.....	13,163	3,024	3,113	0.24	35,939	11.19	10
Yaya Gulelena Debre Libano.....	16,566	2,646	2,738	0.17	29,125	10.13	10
Wuchalena Jido	22,017	5,651	5,711	0.26	62,753	10.93	9
Abichuna Gna'a	11,868	3,145	3,220	0.27	20,731	6.28	9
Kembibit.....	10,860	3,731	3,892	0.36	35,989	8.93	9
Berehna Aleltu.....	24,774	8,424	8,653	0.35	98,340	11.02	9
Mulona Sululta	23,810	8,780	8,954	0.38	100,416	10.96	11

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

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)
East Shewa Zone	314,966	64,729	68,462	0.22	857,474	11.75	7
Fentale	6,677	1,521	1,874	0.28	33,899	14.79	4
Boset	24,837	5,406	5,618	0.23	64,079	10.91	8
Adama	26,906	9,440	10,041	0.37	124,964	11.53	6
Lome	14,564	6,671	6,918	0.48	85,252	11.87	7
Gimbichu	15,569	3,813	3,882	0.25	50,583	12.81	9
Ada'a Liben Chukala	40,176	10,707	11,242	0.28	147,639	12.27	7
Dugda Bora	28,844	5,260	5,604	0.19	44,775	7.45	7
Adami Tullu Jido Kombolcha	23,794	4,292	4,682	0.20	44,213	8.56	8
Arsi Negele	26,584	3,422	3,528	0.13	50,948	14.09	7
Shashemene	46,108	5,658	6,086	0.13	97,935	14.73	5
Seraro	48,209	4,774	5,072	0.11	65,545	12.42	7
Akaki	12,696	3,766	3,915	0.31	47,642	11.73	8
Arsi Zone	493,007	109,708	121,036	0.25	1,748,564	12.96	8
Merti	22,750	8,581	10,869	0.48	209,642	15.50	9
Aseko	14,396	6,854	8,552	0.59	218,023	19.99	10
Gololcha	29,178	23,010	26,900	0.92	339,138	10.82	5
Jeju	22,217	4,786	5,348	0.24	87,232	15.28	9
Dodotana Sire	22,887	4,188	4,358	0.19	58,571	13.07	12
Zeway Dugda	21,200	3,676	3,986	0.19	42,174	10.01	9
Hitosa	39,229	8,322	8,901	0.23	130,673	13.51	10
Sude	25,501	1,392	1,440	0.06	19,163	13.06	9
Chole	15,918	4,738	4,970	0.31	84,253	16.16	6
Amigna	11,176	2,095	2,308	0.21	42,106	16.49	7
Seru	18,205	2,675	2,898	0.16	50,010	15.91	6
Robe	27,062	1,398	1,527	0.06	12,933	7.82	8
Tena	20,684	2,485	2,615	0.13	30,807	11.45	9
Sherka	26,405	2,584	2,761	0.10	31,910	10.96	10
Digeluna Tijo	22,181	4,127	4,184	0.19	44,519	10.44	9
Tiyo	15,978	3,798	3,877	0.24	51,829	13.01	9
Munesa	35,171	4,925	5,045	0.14	75,033	14.60	10
Bekoji	35,995	6,359	6,436	0.18	71,329	10.90	9
Gedeb	24,847	6,229	6,330	0.25	68,303	10.49	8
Kofele	42,028	7,486	7,731	0.18	80,917	10.25	8
West Harerge Zone	291,356	250,638	315,778	1.08	4,447,693	11.06	4
Mieso	16,400	9,579	10,631	0.65	151,443	12.90	5
Doba	22,768	20,899	27,993	1.23	392,322	10.10	7
Tulo	24,329	22,328	27,373	1.13	322,577	9.54	4
Mesela	25,840	23,570	32,001	1.24	369,567	8.42	4
Chiro	62,368	55,460	70,240	1.13	1,092,877	12.01	4
Goba Koricha	20,014	16,278	21,246	1.06	331,467	11.94	4
Anchar	13,430	8,472	10,166	0.76	207,687	16.81	6
Habro	30,386	27,155	35,889	1.18	519,371	10.74	3
Darolebu	26,978	23,675	27,569	1.02	364,097	11.36	4
Boke	22,144	18,636	21,714	0.98	277,579	11.11	5
Kuni	26,701	24,585	30,957	1.16	418,708	10.79	4
East Harerge Zone	387,193	340,611	421,275	1.09	3,636,924	6.89	5
Kombolcha	20,710	19,713	26,076	1.26	309,743	8.94	2
Jarso	17,052	14,987	19,676	1.15	182,722	6.41	4
Gursum	25,567	23,185	29,194	1.14	208,077	5.60	2
Babile	10,237	7,391	9,588	0.94	104,066	8.38	2
Fedis	24,565	21,353	27,260	1.11	252,702	7.31	6
Haro Maya	31,404	30,410	45,510	1.45	352,136	5.16	2
Kurfa Chele	7,122	5,527	6,057	0.85	52,494	7.89	8
Kersa	27,745	25,675	30,784	1.11	255,501	6.91	5

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

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)
East Harerge Zone							
Meta	43,775	35,881	40,534	0.93	294,086	6.54	4
Goro Gutu	25,718	22,437	30,005	1.17	359,146	8.86	6
Deder	38,265	35,222	41,453	1.08	366,648	7.40	5
Malka Balo	24,930	22,829	28,559	1.15	317,628	8.98	5
Bedeno	43,356	37,204	43,645	1.01	295,657	5.78	7
Girawa	38,886	32,445	35,564	0.91	230,538	5.94	7
Gola Oda	7,861	6,352	7,372	0.94	55,780	6.53	9
Bale Zone	259,058	55,446	61,127	0.24	746,660	10.85	9
Kokosa	23,375	1,436	1,468	0.06	16,125	10.72	10
Dodola	23,650	3,858	3,907	0.17	38,409	9.66	8
Adaba	19,856	2,273	2,377	0.12	26,676	10.53	11
Agarfa	13,146	2,391	2,602	0.20	28,407	10.01	9
Gasera	12,088	3,175	3,500	0.29	48,615	12.76	8
Gololcha	14,914	7,843	9,076	0.61	112,064	10.41	9
Leghida	8,094	1,852	2,105	0.26	38,720	16.14	8
Ginir	21,653	8,443	9,326	0.43	99,172	9.47	9
Sinanana Dinsho	24,988	3,301	3,393	0.14	36,236	8.72	11
Goba	7,183	895	915	0.13	10,547	11.02	11
Mennana Arena Buluk	19,198	3,924	4,555	0.24	63,012	11.50	8
Nensebo	14,169	905	981	0.07	8,964	8.43	12
Meda Welabu	12,557	2,297	2,419	0.19	20,819	8.19	7
Berbere	10,213	2,034	2,334	0.23	52,973	20.35	7
Guradamole	4,160	164	193	0.05	3,754	16.35	11
Goro	15,934	1,511	1,533	0.10	19,916	12.74	10
Raytu	6,168	4,308	5,113	0.83	57,386	9.37	9
Seweyna	7,711	4,837	5,331	0.69	64,866	11.01	9
Borena Zone	283,104	66,541	73,413	0.26	873,618	10.89	6
Uraga	42,623	6,771	6,980	0.16	90,800	12.63	6
Bore	30,433	4,674	5,084	0.17	77,929	14.24	7
Adolana Wadera	22,616	8,163	8,781	0.39	116,595	12.57	6
Odo Shakiso	14,015	5,204	5,636	0.40	76,442	12.50	6
Hager Mariam	86,116	16,158	18,061	0.21	173,549	8.54	6
Yabelo	10,081	3,834	4,406	0.44	60,421	12.18	7
Arero	3,331	1,330	1,648	0.49	20,239	10.05	6
Liben	14,844	4,968	5,242	0.35	67,563	12.19	6
Moyale	10,736	5,128	6,089	0.57	69,114	9.83	5
Dire	13,719	4,600	5,265	0.38	48,184	7.92	7
Teltele	7,361	867	888	0.12	5,679	6.24	5
Gelana Abaya	27,229	4,845	5,335	0.20	67,103	11.77	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)
Oromia Region	3,981,704	1,799,090	2,415,953	0.61	24,116,966	7.75	7
West Welega Zone	313,923	251,007	430,297	1.37	3,884,384	5.14	6
Mana Sibu	27,022	20,439	36,523	1.35	314,200	4.79	6
Nejo	17,916	16,287	26,469	1.48	157,629	3.72	5
Gimbi	17,096	13,977	25,508	1.49	369,551	8.08	5
Lalo Asabi	10,906	9,360	19,930	1.83	267,699	6.56	4
Boji	15,188	12,797	23,902	1.57	157,807	3.59	5
Ayra Guliso	16,371	14,302	26,547	1.62	183,330	3.79	6
Jarso	16,190	12,389	18,459	1.14	113,084	4.16	7
Gidami	13,636	12,849	24,022	1.76	211,497	4.72	7
Jimma Horo	6,869	5,556	8,731	1.27	57,702	4.22	8
Hawa Welel	17,315	11,089	14,929	0.86	91,677	4.62	8
Gawo Dale	23,820	13,593	16,279	0.68	121,739	6.30	8
Dale Sadi	11,117	7,746	10,012	0.90	55,161	4.29	8
Yubdo	5,640	5,114	9,089	1.61	68,108	4.26	7
Ganji	9,611	7,860	15,451	1.61	210,023	6.77	5
Haru	11,508	10,573	20,957	1.82	396,109	9.57	5
Nole Kaba	23,388	19,366	34,632	1.48	366,953	5.86	8
Lalo Kilie	7,900	7,140	10,981	1.39	64,326	3.77	6
Sayo	19,844	15,402	23,722	1.20	136,509	3.86	6
Anfilo	11,848	8,014	11,867	1.00	89,788	5.13	5
Begi	30,734	27,155	52,288	1.70	451,490	4.49	6
East Welega Zone	260,893	161,817	246,521	0.94	1,526,885	4.11	7
Limu	20,690	12,161	16,893	0.82	106,284	4.29	5
Ibantu	5,087	4,199	7,308	1.44	41,779	3.16	4
Gida Kiremu	22,168	11,995	20,988	0.95	131,466	3.45	6
Jarte	7,363	5,176	8,156	1.11	58,311	4.57	5
Amuru	7,739	6,358	11,944	1.54	86,015	3.84	5
Abe Dongoro	9,470	5,976	10,109	1.07	75,437	4.60	7
Jimma Horo	24,023	14,711	21,969	0.91	120,726	3.78	7
Abay Chomen	4,715	1,940	2,737	0.58	27,074	7.18	8
Guduru	21,520	8,222	13,281	0.62	78,612	3.90	6
Jimma Rare	7,738	3,911	6,214	0.80	15,081	1.48	6
Bila Seyo	13,470	9,747	15,960	1.18	59,792	2.51	6
Sibu Sire	15,203	8,853	11,783	0.78	80,267	5.48	8
Guto Wayu	28,487	20,257	27,536	0.97	180,302	4.73	7
Sasiga	11,346	9,937	16,248	1.43	100,079	3.60	8
Leka Dulecha	10,555	7,070	8,611	0.82	57,439	5.21	7
Diga	11,868	10,259	17,917	1.51	121,593	3.94	7
Jimma Arjo	13,333	6,622	8,347	0.63	60,840	5.82	9
Nunu Kumba	10,438	5,390	6,205	0.59	34,698	4.93	8
Wama Bonaya	15,680	9,033	14,315	0.91	91,090	4.46	8
Illibabor Zone	195,287	155,893	221,763	1.14	1,376,242	4.19	9
Darimu	22,324	19,476	31,240	1.40	185,165	3.63	8
Supena Sodo	13,139	11,911	20,140	1.53	147,628	4.28	8
Chora	19,554	16,094	21,412	1.10	123,506	4.08	10
Dega	10,191	8,374	12,337	1.21	73,622	3.97	7
Bedele	20,513	15,779	21,496	1.05	136,479	4.46	8
Gechi	10,893	8,445	10,341	0.95	58,011	4.52	9
Borecha Wereda	9,030	6,507	7,625	0.84	39,569	4.41	8
Dedesa	14,033	9,037	11,184	0.80	63,589	4.38	10
yayu	19,201	16,400	26,152	1.36	169,871	3.94	11
Metu	22,651	19,562	29,256	1.29	222,411	4.86	8

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

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)
Illibabor Zone.....							
Ale	17,356	12,007	14,720	0.85	81,538	4.40	11
Bure	11,992	9,071	11,817	0.99	49,691	3.17	11
Nono	4,411	3,231	4,044	0.92	25,164	4.94	10
Jimma Zone	443,315	135,591	166,476	0.38	1,226,177	6.10	9
Limu Seka	29,245	13,277	14,852	0.51	106,565	6.42	6
Limu Kosa	45,921	14,416	20,612	0.45	137,697	5.03	9
Sokoru	25,586	10,926	12,665	0.49	138,794	9.59	9
Tiro Afeta	24,135	7,454	9,775	0.41	80,406	6.58	7
Kersa	29,474	6,892	8,734	0.30	63,509	5.96	8
Mana	27,816	3,283	3,852	0.14	24,187	5.42	8
Goma	49,523	16,921	19,589	0.40	198,976	8.80	9
Gera	20,803	6,487	7,898	0.38	51,110	5.54	7
Seka chekorsa	56,422	7,545	9,016	0.16	66,979	6.06	11
Dedo	54,035	13,516	17,062	0.32	112,288	5.02	13
Omonada	45,972	12,081	16,649	0.36	113,345	5.20	7
Sigmo	16,132	11,372	12,932	0.80	62,225	4.14	6
Setema	18,249	11,419	12,840	0.70	70,098	4.77	9
West Shewa Zone.....	502,591	194,827	273,275	0.54	2,275,229	6.85	8
Ginde Beret	33,630	4,554	5,969	0.18	32,085	4.28	9
Jeldu	33,701	12,982	17,405	0.52	148,211	6.51	8
Ambo	40,122	16,943	23,969	0.60	156,093	4.86	7
Cheliya	37,011	14,129	26,964	0.73	61,482	1.31	5
Bako Tibe	19,389	16,957	40,764	2.10	71,384	0.70	4
Dano	15,544	5,860	8,182	0.53	35,580	3.29	6
Nono	23,140	6,354	9,635	0.42	40,619	3.27	7
Tikur	12,596	5,997	7,087	0.56	68,328	8.38	9
Amaya	21,943	7,098	9,605	0.44	72,461	6.73	8
Wonchi	17,405	11,449	13,041	0.75	216,062	15.25	6
Dendi	37,106	15,091	19,802	0.53	229,621	9.25	11
Ejerie	15,219	3,613	4,604	0.30	53,236	8.91	11
Adda Berga	19,302	5,225	6,199	0.32	53,988	7.54	9
Walmara	17,073	5,746	6,156	0.36	56,667	8.49	11
Alem Gana	20,607	5,240	5,649	0.27	63,908	10.31	9
Kersana Kondaltiti	22,051	8,848	9,637	0.44	166,357	16.06	7
Tole	10,401	2,139	2,251	0.22	23,917	10.17	8
Elu	10,354	2,517	2,775	0.27	23,730	7.89	11
Dawo	13,068	3,674	4,431	0.34	53,975	9.79	9
Walisona Goro	35,633	23,428	28,352	0.80	384,069	11.50	8
Becho	11,294	3,065	3,603	0.32	31,556	7.80	9
Kokir	12,362	8,113	9,852	0.80	171,666	14.61	7
Meta Robi	23,639	5,806	7,342	0.31	60,233	6.83	11
North Shewa(Oromia) Zone.....	237,011	29,256	34,747	0.15	248,018	6.40	10
Wara Jarso	25,009	3,241	3,957	0.16	18,222	4.07	9
Dera	35,035	3,425	5,032	0.14	21,896	3.08	5
Hidabu Abote	15,884	2,741	3,636	0.23	18,496	3.87	9
Kuyu	20,090	2,728	3,522	0.18	18,570	4.23	6
Degem	17,936	4,403	5,008	0.28	28,052	5.03	11
Gerar Jarso	13,163	1,962	1,979	0.15	14,623	7.35	10
Yaya Gulelena Debre	16,566	1,646	2,019	0.12	13,314	5.85	10
Wuchalena Jido	22,017	907	1,015	0.05	7,397	6.99	12
Abichuna Gna'a	11,868	616	662	0.06	4,589	6.52	12
Kembibit	10,860	600	618	0.06	4,839	7.71	8
Berehna Aleltu	24,774	3,231	3,433	0.14	53,842	14.79	12
Mulona Sululta	23,810	3,755	3,865	0.16	44,178	11.22	16

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

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)
East Shewa Zone	314,966	69,424	84,626	0.27	535,273	5.31	6
Fentale	6,677	*	*	-	5,591	*	*
Boset	24,837	849	873	0.04	8,716	9.70	12
Adama	26,906	3,380	3,669	0.14	36,889	9.25	10
Lome	14,564	2,533	2,785	0.19	30,464	10.15	12
Gimbichu	15,569	1,032	1,048	0.07	15,596	14.55	15
Ada'a Liben Chukala	40,176	6,156	7,751	0.19	114,904	11.16	10
Dugda Bora	28,844	6,961	7,223	0.25	43,091	5.78	8
Adami Tullu Jido Kombolcha	23,794	7,221	8,792	0.37	31,228	3.10	5
Arsi Negele	26,584	8,785	11,606	0.44	50,547	3.42	4
Shashemene	46,108	14,334	19,667	0.43	83,084	3.19	3
Seraro	48,209	15,289	18,188	0.38	78,964	3.65	4
Akaki	12,696	2,534	2,613	0.21	36,199	13.32	9
Arsi Zone	493,007	129,934	146,161	0.30	1,421,508	8.89	9
Merti	22,750	2,280	2,409	0.11	28,041	10.84	9
Aseko	14,396	5,029	5,527	0.38	88,651	14.62	10
Gololcha	29,178	10,169	10,864	0.37	220,179	18.83	7
Jeju	22,217	3,536	3,969	0.18	30,373	6.97	5
Dodotana Sire	22,887	4,408	4,832	0.21	37,609	7.15	10
Zeway Dugda	21,200	6,732	7,040	0.33	43,855	5.98	9
Hitosa	39,229	11,977	12,962	0.33	129,692	9.13	11
Sude	25,501	4,076	4,133	0.16	49,813	11.85	8
Chole	15,918	3,636	3,762	0.24	69,142	17.72	9
Amigna	11,176	3,082	3,516	0.31	32,824	8.47	6
Seru	18,205	3,595	3,864	0.21	40,731	9.69	5
Robe	27,062	3,919	4,142	0.15	36,663	8.34	9
Tena	20,684	1,946	2,021	0.10	21,481	10.20	10
Sherka	26,405	3,278	3,482	0.13	27,688	7.79	12
Digeluna Tijo	22,181	6,380	6,626	0.30	58,526	8.61	10
Tiyo	15,978	4,593	4,830	0.30	48,113	9.50	12
Munesa	35,171	10,661	12,017	0.34	97,903	7.44	9
Bekoji	35,995	9,449	9,993	0.28	78,012	7.57	10
Gedeb	24,847	11,351	13,432	0.54	111,735	7.33	8
Kofele	42,028	19,837	26,739	0.64	170,478	5.00	7
West Harerge Zone	291,356	213,559	245,700	0.84	5,025,490	17.75	6
Mieso	16,400	7,238	7,979	0.49	155,776	17.71	6
Doba	22,768	20,252	24,287	1.07	392,380	13.40	8
Tulo	24,329	18,940	22,297	0.92	367,777	13.61	6
Mesela	25,840	22,121	26,459	1.02	469,890	14.50	5
Chiro	62,368	47,732	53,885	0.86	1,129,965	18.63	6
Goba Koricha	20,014	16,389	20,082	1.00	504,190	20.75	5
Anchar	13,430	7,635	9,008	0.67	159,121	15.15	7
Habro	30,386	19,644	22,460	0.74	462,106	17.91	6
Darolebu	26,978	15,027	15,840	0.59	375,517	22.34	6
Boke	22,144	15,917	17,543	0.79	381,113	19.90	7
Kuni	26,701	22,664	25,860	0.97	627,655	21.12	6
East Harerge Zone	387,193	297,652	363,468	0.94	4,907,137	10.99	7
Kombolcha	20,710	15,094	18,198	0.88	417,391	19.09	5
Jarso	17,052	12,766	14,587	0.86	203,799	11.88	6
Gursum	25,567	12,556	13,698	0.54	124,353	8.39	3
Babile	10,237	4,609	5,202	0.51	100,885	17.05	4
Fedis	24,565	18,938	22,306	0.91	381,775	14.48	11
Haro Maya	31,404	28,020	36,332	1.16	530,275	11.10	4
Kurfa Chele	7,122	5,531	7,725	1.08	147,006	13.63	8
Kersa	27,745	18,529	21,336	0.77	295,062	12.03	6

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

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)
East Harerge Zone							
Meta	43,775	36,577	49,078	1.12	564,540	8.46	5
Goro Gutu	25,718	21,108	22,812	0.89	310,707	12.55	7
Deder	38,265	27,278	29,934	0.78	293,281	8.98	7
Malka Balo	24,930	20,375	22,950	0.92	363,347	14.11	8
Bedeno	43,356	35,590	45,293	1.04	557,603	9.43	9
Girawa	38,886	34,560	47,112	1.21	502,455	7.64	8
Gola Oda	7,861	6,121	6,903	0.88	114,659	14.54	11
Bale Zone	259,058	77,222	86,043	0.33	636,606	6.71	8
Kokosa	23,375	14,308	18,086	0.77	128,888	5.86	7
Dodola	23,650	11,114	12,397	0.52	72,222	5.12	7
Adaba	19,856	5,181	5,384	0.27	28,930	5.12	8
Agarfa	13,146	4,138	4,317	0.33	33,333	7.36	10
Gasera	12,088	4,527	4,693	0.39	37,956	7.88	8
Gololcha	14,914	4,660	4,895	0.33	54,090	10.46	11
Legehida	8,094	2,472	2,515	0.31	31,743	12.39	7
Ginir	21,653	2,829	3,037	0.14	24,877	7.70	9
Sinanana Dinsho	24,988	9,526	9,764	0.39	55,629	5.64	11
Goba	7,183	2,004	2,094	0.29	13,571	6.14	10
Mennana Arena Buluk	19,198	2,630	2,731	0.14	20,476	7.20	8
Nensebo	14,169	6,308	7,881	0.56	75,636	8.13	10
Meda Welabu	12,557	2,173	2,366	0.19	13,832	5.56	8
Berbere	10,213	1,539	1,782	0.17	13,867	6.47	6
Guradamole	4,160	200	200	0.05	1,959	9.80	8
Goro	15,934	2,160	2,398	0.15	17,863	6.80	7
Raytu	6,168	430	446	0.07	3,358	7.43	6
Seweyna	7,711	1,025	1,059	0.14	8,375	7.53	7
Borena Zone	283,104	82,909	116,876	0.41	1,054,016	6.56	6
Uraga	42,623	9,699	11,521	0.27	118,017	8.47	6
Bore	30,433	8,108	11,585	0.38	118,878	7.38	5
Adolana Wadera	22,616	10,949	13,064	0.58	175,429	11.36	5
Odo Shakiso	14,015	7,504	10,151	0.72	123,557	8.97	7
Hager Mariam	86,116	29,342	47,605	0.55	353,043	4.50	6
Yabelo	10,081	3,182	4,615	0.46	50,021	8.15	6
Arero	3,331	442	530	0.16	4,025	6.42	8
Liben	14,844	887	992	0.07	8,994	8.37	6
Moyale	10,736	*	*	-	17,742	*	*
Dire	13,719	2,889	3,223	0.23	26,191	7.39	7
Teltele	7,361	2,471	3,077	0.42	9,946	2.53	4
Gelana Abaya	27,229	4,766	6,506	0.24	48,174	5.49	8

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)
Oromia Region	3,981,704	209,704	302,718	0.08	1,243,920	3.46	5
West Welega Zone	313,923	24,020	35,694	0.11	158,305	3.62	4
Mana Sibu	27,022	3,884	6,632	0.25	26,217	2.80	4
Nejo	17,916	303	350	0.02	*	*	5
Gimbi	17,096	2,393	3,236	0.19	12,017	3.20	3
Lalo Asabi	10,906	1,238	1,541	0.14	5,806	2.98	3
Boji	15,188	1,396	1,592	0.10	8,181	4.54	3
Ayra Guliso	16,371	*	*	-	*	*	*
Jarso	16,190	118	159	0.01	688	4.20	5
Gidami	13,636	*	*	-	*	*	*
Jimma Horo	6,869	199	199	0.03	679	3.41	4
Hawa Welel	17,315	2,790	4,398	0.25	19,741	3.22	6
Gawo Dale	23,820	3,041	5,757	0.24	23,344	3.38	5
Dale Sadi	11,117	1,018	1,420	0.13	6,132	3.26	4
Yubdo	5,640	193	215	0.04	1,927	8.20	8
Ganji	9,611	401	441	0.05	2,434	4.98	5
Haru	11,508	1,221	1,706	0.15	13,400	6.56	6
Nole Kaba	23,388	*	2,246	0.10	4,553	1.47	*
Lalo Kilie	7,900	405	462	0.06	2,139	3.96	4
Sayo	19,844	1,708	2,944	0.15	4,765	1.08	4
Anfilo	11,848	219	230	0.02	*	*	5
Begi	30,734	*	*	-	*	*	*
East Welega Zone	260,893	15,903	26,874	0.10	63,607	1.65	4
Limu	20,690	*	*	-	*	*	*
Ibantu	5,087	*	*	-	*	*	*
Gida Kiremu	22,168	*	*	-	*	*	*
Jarte	7,363	59	78	0.01	1,345	*	5
Amuru	7,739	298	336	0.04	*	*	4
Abe Dongoro	9,470	122	141	0.01	*	*	*
Jimma Horo	24,023	1,572	2,967	0.12	7,838	1.92	2
Abay Chomen	4,715	388	554	0.12	1,060	1.33	2
Guduru	21,520	243	459	0.02	*	3.03	3
Jimma Rare	7,738	120	175	0.02	574	2.95	4
Bila Seyo	13,470	330	522	0.04	1,629	1.93	4
Sibu Sire	15,203	172	291	0.02	1,086	2.00	4
Guto Wayu	28,487	2,289	2,563	0.09	7,853	2.88	4
Sasiga	11,346	*	*	-	*	*	*
Leka Dulecha	10,555	995	1,432	0.14	3,421	1.66	3
Diga	11,868	126	*	-	*	*	*
Jimma Arjo	13,333	898	1,064	0.08	3,127	2.60	4
Nunu Kumba	10,438	4,642	9,266	0.89	12,569	0.68	4
Wama Bonaya	15,680	3,017	6,138	0.39	10,648	0.86	5
Illibabor Zone	195,287	5,577	6,809	0.03	23,662	3.00	6
Darimu	22,324	*	*	-	*	*	*
Supena Sodo	13,139	442	525	0.04	2,982	4.81	7
Chora	19,554	*	*	-	*	*	*
Dega	10,191	670	728	0.07	865	1.17	2
Bedele	20,513	1,143	1,422	0.07	2,695	1.55	*
Gechi	10,893	582	747	0.07	2,022	2.00	5
Borecha Wereda	9,030	580	979	0.11	1,965	1.14	4
Dedesa	14,033	*	*	-	*	*	*
yayu	19,201	267	267	0.01	1,506	5.64	9
Metu	22,651	555	748	0.03	2,614	2.51	5

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

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)
Illibabor Zone.....							
Ale.....	17,356	365	365	0.02	*	*	13
Bure.....	11,992	397	414	0.03	2,174	5.05	6
Nono.....	4,411	*	*	-	*	*	*
Jimma Zone.....	443,315	56,756	80,034	0.18	293,504	3.40	5
Limu Seka.....	29,245	3,661	6,783	0.23	22,150	2.10	4
Limu Kosa.....	45,921	3,704	4,119	0.09	37,996	8.64	6
Sokoru.....	25,586	8,740	14,334	0.56	57,431	3.03	5
Tiro Afeta.....	24,135	5,141	6,336	0.26	23,144	3.30	5
Kersa.....	29,474	5,290	7,027	0.24	14,481	1.66	3
Mana.....	27,816	1,233	1,416	0.05	7,617	4.92	6
Goma.....	49,523	5,202	5,783	0.12	*	*	*
Gera.....	20,803	2,283	2,804	0.13	8,884	2.71	6
Seka chekorsa.....	56,422	3,145	4,551	0.08	12,995	2.22	6
Dedo.....	54,035	7,653	10,330	0.19	32,592	*	3
Omonada.....	45,972	10,041	15,834	0.34	27,581	1.10	4
Sigmo.....	16,132	206	206	0.01	613	2.98	3
Setema.....	18,249	454	509	0.03	1,708	3.22	4
West Shewa Zone.....	502,591	66,183	103,049	0.21	345,362	2.48	6
Ginde Beret.....	33,630	*	*	-	*	*	*
Jeldu.....	33,701	6,855	10,608	0.31	41,030	2.69	6
Ambo.....	40,122	5,830	*	-	34,662	*	7
Cheliya.....	37,011	2,643	3,803	0.10	14,490	3.25	6
Bako Tibe.....	19,389	*	*	-	*	*	*
Dano.....	15,544	4,375	7,648	0.49	14,659	1.08	6
Nono.....	23,140	3,024	5,249	0.23	8,418	1.08	5
Tikur.....	12,596	1,479	1,720	0.14	5,861	3.11	6
Amaya.....	21,943	6,125	9,909	0.45	32,141	2.49	5
Wonchi.....	17,405	7,514	12,698	0.73	36,448	2.10	4
Dendi.....	37,106	7,274	12,148	0.33	33,331	1.81	8
Ejerie.....	15,219	152	152	0.01	1,503	9.89	10
Adda Berga.....	19,302	373	480	0.02	2,763	5.32	6
Walmara.....	17,073	859	944	0.06	6,638	6.29	7
Alem Gana.....	20,607	1,402	1,807	0.09	12,424	5.50	7
Kersana Kondaltiti.....	22,051	4,356	6,195	0.28	28,702	3.42	5
Tole.....	10,401	1,232	1,418	0.14	6,413	4.11	5
Elu.....	10,354	424	486	0.05	2,304	4.19	10
Dawo.....	13,068	797	986	0.08	4,517	4.13	6
Walisona Goro.....	35,633	6,417	8,803	0.25	24,420	2.21	4
Becho.....	11,294	1,642	2,488	0.22	9,340	3.03	7
Kokir.....	12,362	1,047	1,196	0.10	8,052	5.58	5
Meta Robi.....	23,639	496	568	0.02	3,375	5.69	*
North Shewa(Oromia) Zone.....	237,011	8,349	10,283	0.04	45,654	3.85	8
Wara Jarso.....	25,009	*	*	-	7,127	*	*
Dera.....	35,035	*	*	-	*	*	*
Hidabu Abote.....	15,884	-	-	-	-	-	-
Kuyu.....	20,090	1,290	1,605	0.08	4,894	2.46	5
Degem.....	17,936	120	197	0.01	858	2.68	5
Gerar Jarso.....	13,163	167	183	0.01	*	*	6
Yaya Gulelena Debre Libano.....	16,566	*	*	-	*	*	*
Wuchalena Jido.....	22,017	594	676	0.03	3,391	4.53	*
Abichuna Gna'a.....	11,868	1,824	2,204	0.19	4,561	1.74	3
Kembibit.....	10,860	955	970	0.09	10,216	10.46	14
Berehna Aleltu.....	24,774	757	845	0.03	6,303	6.82	15
Mulona Sululta.....	23,810	663	752	0.03	3,557	4.02	12

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

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Mekeskesha's' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Mekeskesha' (Birr)	Average Duration of Service of 'Mekeskesha' (Years)
East Shewa Zone	314,966	3,492	4,369	0.01	31,363	6.53	5
Fentale	6,677	*	*	-	*	*	*
Boset	24,837	*	*	-	*	*	*
Adama	26,906	*	*	-	*	*	*
Lome	14,564	*	*	-	*	*	*
Gimbichu	15,569	*	*	-	*	*	*
Ada'a Liben Chukala	40,176	-	-	-	-	-	-
Dugda Bora	28,844	*	*	-	*	*	*
Adami Tullu Jido Kombolcha	23,794	*	*	-	*	*	*
Arsi Negele	26,584	155	155	0.01	*	*	*
Shashemene	46,108	*	*	-	5,810	*	*
Seraro	48,209	1,093	1,166	0.02	10,925	9.20	6
Akaki	12,696	*	*	-	*	*	*
Arsi Zone	493,007	3,447	3,561	0.01	61,869	17.26	9
Merti	22,750	*	*	-	*	*	*
Aseko	14,396	*	*	-	*	*	*
Gololcha	29,178	*	*	-	*	*	*
Jeju	22,217	*	*	-	*	*	*
Dodotana Sire	22,887	*	*	-	*	*	*
Zeway Dugda	21,200	*	*	-	*	*	*
Hitosa	39,229	*	*	-	*	*	*
Sude	25,501	*	*	-	*	*	*
Chole	15,918	*	*	-	*	*	*
Amigna	11,176	*	*	-	*	*	*
Seru	18,205	*	*	-	*	*	*
Robe	27,062	130	130	0.00	*	*	*
Tena	20,684	*	*	-	*	*	*
Sherka	26,405	399	399	0.02	*	*	12
Digeluna Tijo	22,181	*	*	-	*	*	*
Tiyo	15,978	*	*	-	*	*	*
Munesa	35,171	*	*	-	*	*	*
Bekoji	35,995	*	*	-	*	*	*
Gedeb	24,847	*	*	-	*	*	*
Kofele	42,028	*	*	-	*	*	*
West Harerge Zone	291,356	4,256	4,972	0.02	56,976	10.36	5
Mieso	16,400	*	*	-	*	*	*
Doba	22,768	*	*	-	*	*	*
Tulo	24,329	*	*	-	*	*	*
Mesela	25,840	*	*	-	*	*	*
Chiro	62,368	366	366	0.01	4,459	12.18	*
Goba Koricha	20,014	*	*	-	*	*	*
Anchar	13,430	420	420	0.03	9,146	21.78	7
Habro	30,386	211	211	0.01	4,107	19.46	9
Darolebu	26,978	201	201	0.01	*	*	*
Boke	22,144	*	*	-	*	*	*
Kuni	26,701	*	*	-	*	*	*
East Harerge Zone	387,193	7,538	8,482	0.02	28,435	2.86	4
Kombolcha	20,710	85	85	0.00	*	*	2
Jarso	17,052	2,373	3,085	0.18	14,603	3.50	4
Gursum	25,567	*	*	-	*	*	*
Babile	10,237	181	241	0.02	1,465	4.82	3
Fedis	24,565	-	-	-	-	-	-
Haro Maya	31,404	*	*	-	*	*	*
Kurfa Chele	7,122	*	*	-	*	*	*
Kersa	27,745	*	*	-	*	*	*

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

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)
East Harerge Zone							
Meta	43,775	*	*	-	*	*	*
Goro Gutu	25,718	*	*	-	*	*	*
Deder	38,265	*	*	-	*	*	*
Malka Balo	24,930	*	*	-	*	*	*
Bedeno	43,356	*	*	-	*	*	*
Girawa	38,886	-	-	-	-	-	-
Gola Oda	7,861	*	*	-	*	*	*
Bale Zone	259,058	8,660	9,871	0.04	79,671	7.34	8
Kokosa	23,375	*	*	-	*	*	*
Dodola	23,650	*	*	-	*	*	*
Adaba	19,856	*	*	-	*	*	*
Agarfa	13,146	479	542	0.04	5,932	9.88	11
Gasera	12,088	50	50	0.00	909	18.18	*
Gololcha	14,914	285	340	0.02	3,073	7.41	15
Leghida	8,094	-	-	-	-	-	-
Ginir	21,653	*	*	-	*	*	*
Sinanana Dinsho	24,988	1,292	1,344	0.05	10,145	7.29	11
Goba	7,183	357	367	0.05	3,513	9.49	8
Mennana Arena Buluk	19,198	416	463	0.02	*	*	*
Nensebo	14,169	*	*	-	3,027	*	*
Meda Welabu	12,557	3,597	3,993	0.32	41,456	9.33	6
Berbere	10,213	67	67	0.01	*	*	*
Guradamole	4,160	-	-	-	-	-	-
Goro	15,934	*	*	-	*	*	*
Raytu	6,168	*	*	-	*	*	*
Seweyna	7,711	-	-	-	-	-	-
Borena Zone	283,104	5,523	8,721	0.03	55,511	5.63	5
Uruga	42,623	*	*	-	*	*	*
Bore	30,433	*	*	-	*	*	*
Adolana Wadera	22,616	203	*	-	*	*	*
Odo Shakiso	14,015	339	339	0.02	2,130	6.28	5
Hager Mariam	86,116	*	*	-	*	*	*
Yabelo	10,081	207	270	0.03	*	*	6
Arero	3,331	64	97	0.03	429	2.87	3
Liben	14,844	*	*	-	*	*	*
Moyale	10,736	*	*	-	*	*	*
Dire	13,719	152	199	0.01	960	3.64	*
Teltele	7,361	138	138	0.02	531	3.85	3
Gelana Abaya	27,229	539	650	0.02	11,469	14.76	*

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)
Oromia Region	3,981,704	726,698	1,014,770	0.25	8,316,289	6.37	8
West Welega Zone	313,923	37,096	55,925	0.18	550,499	6.55	7
Mana Sibu	27,022	6,772	12,342	0.46	104,334	4.58	5
Nejo	17,916	907	1,120	0.06	6,938	5.39	7
Gimbi	17,096	3,194	4,699	0.27	63,290	8.96	7
Lalo Asabi	10,906	1,147	1,831	0.17	36,252	11.88	5
Boji	15,188	2,202	4,274	0.28	34,091	4.20	5
Ayra Guliso	16,371	*	*	-	*	*	*
Jarso	16,190	1,298	1,338	0.08	10,951	8.07	9
Gidami	13,636	*	*	-	*	*	*
Jimma Horo	6,869	1,214	1,687	0.25	12,797	5.29	7
Hawa Welel	17,315	2,198	2,832	0.16	22,293	6.48	9
Gawo Dale	23,820	4,004	4,723	0.20	39,810	7.39	7
Dale Sadi	11,117	1,351	1,710	0.15	11,826	5.64	9
Yubdo	5,640	383	546	0.10	5,394	7.63	8
Ganji	9,611	1,889	3,100	0.32	43,923	9.02	5
Haru	11,508	1,573	2,199	0.19	25,610	7.90	8
Nole Kaba	23,388	2,887	4,455	0.19	55,174	7.89	7
Lalo Kilie	7,900	141	169	0.02	1,238	7.01	9
Sayo	19,844	1,266	1,682	0.08	10,352	4.70	6
Anfilo	11,848	381	624	0.05	4,856	7.34	8
Begi	30,734	2,991	4,632	0.15	41,384	5.83	6
East Welega Zone	260,893	37,736	52,020	0.20	403,332	5.85	7
Limu	20,690	6,030	8,641	0.42	52,675	4.28	7
Ibantu	5,087	741	1,074	0.21	5,964	3.98	4
Gida Kiremu	22,168	8,209	12,454	0.56	74,437	4.06	6
Jarte	7,363	693	949	0.13	10,171	8.39	6
Amuru	7,739	761	1,264	0.16	8,981	4.72	7
Abe Dongoro	9,470	2,633	3,176	0.34	36,992	9.63	11
Jimma Horo	24,023	1,211	1,269	0.05	16,064	12.19	11
Abay Chomen	4,715	523	562	0.12	6,753	11.27	8
Guduru	21,520	974	1,206	0.06	11,196	8.15	9
Jimma Rare	7,738	300	323	0.04	2,712	7.93	9
Bila Seyo	13,470	1,166	1,760	0.13	8,577	3.90	8
Sibu Sire	15,203	2,048	2,861	0.19	14,094	3.99	7
Guto Wayu	28,487	4,241	*	-	*	*	6
Sasiga	11,346	1,102	1,331	0.12	9,557	6.00	7
Leka Dulecha	10,555	948	*	-	8,935	*	9
Diga	11,868	1,403	1,565	0.13	9,211	5.35	8
Jimma Arjo	13,333	1,239	1,455	0.11	10,752	6.59	8
Nunu Kumba	10,438	1,116	1,290	0.12	5,689	4.13	6
Wama Bonaya	15,680	2,395	3,055	0.19	33,729	9.42	8
Illibabor Zone	195,287	12,295	16,830	0.09	120,808	5.57	9
Darimu	22,324	1,379	*	-	*	*	10
Supena Sodo	13,139	209	241	0.02	1,991	7.77	9
Chora	19,554	*	*	-	*	*	*
Dega	10,191	277	289	0.03	2,279	7.67	8
Bedele	20,513	2,651	4,541	0.22	33,811	4.68	8
Gechi	10,893	785	1,239	0.11	5,211	3.34	7
Borecha Wereda	9,030	538	629	0.07	4,669	6.47	7
Dedesa	14,033	1,431	*	-	6,826	*	6
yayu	19,201	1,229	1,328	0.07	14,775	10.38	12
Metu	22,651	1,069	1,173	0.05	10,079	7.50	10

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

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)
Illibabor Zone.....							
Ale	17,356	750	750	0.04	5,436	7.25	12
Bure	11,992	670	699	0.06	3,701	5.34	11
Nono	4,411	174	207	0.05	1,195	5.23	9
Jimma Zone	443,315	48,385	60,280	0.14	637,246	9.18	9
Limu Seka	29,245	2,481	*	-	21,770	*	6
Limu Kosa	45,921	3,475	3,988	0.09	49,359	11.07	8
Sokoru	25,586	1,556	1,585	0.06	16,435	10.19	10
Tiro Afeta	24,135	2,528	4,063	0.17	19,364	4.11	7
Kersa.....	29,474	5,492	6,061	0.21	80,400	11.77	8
Mana	27,816	2,827	3,059	0.11	45,789	13.77	12
Goma	49,523	6,781	7,241	0.15	104,926	13.32	9
Gera	20,803	2,771	3,171	0.15	24,772	7.13	7
Seka chekorsa.....	56,422	9,461	14,961	0.27	128,711	6.18	13
Dedo	54,035	5,009	5,070	0.09	71,938	13.83	9
Omonada	45,972	2,725	*	-	42,718	*	8
Sigmo.....	16,132	2,794	2,923	0.18	26,805	8.75	6
Setema	18,249	485	485	0.03	4,260	8.78	8
West Shewa Zone.....	502,591	100,018	131,396	0.26	1,185,684	7.46	10
Ginde Beret	33,630	7,235	11,133	0.33	73,830	4.61	7
Jeldu.....	33,701	6,691	8,312	0.25	76,464	7.81	8
Ambo.....	40,122	6,567	7,214	0.18	62,614	8.13	14
Cheliya.....	37,011	3,122	3,693	0.10	30,408	7.36	9
Bako Tibe	19,389	1,007	1,208	0.06	7,967	6.02	6
Dano	15,544	2,142	2,501	0.16	15,427	5.80	9
Nono	23,140	3,383	4,213	0.18	33,748	7.08	8
Tikur	12,596	544	561	0.04	8,533	14.57	8
Amaya	21,943	2,346	3,114	0.14	24,220	6.94	10
Wonchi	17,405	3,015	3,527	0.20	33,524	8.57	7
Dendi	37,106	9,876	13,034	0.35	131,814	8.25	15
Ejerie	15,219	4,314	4,966	0.33	57,259	9.92	12
Adda Berga.....	19,302	7,608	12,910	0.67	69,947	3.52	7
Walmarra	17,073	7,357	9,131	0.53	96,396	8.52	11
Alem Gana.....	20,607	8,438	10,838	0.53	169,353	12.35	11
Kersana Kondaltiti	22,051	4,532	5,349	0.24	51,737	8.43	9
Tole.....	10,401	1,785	1,973	0.19	27,292	12.82	10
Elu	10,354	1,255	1,282	0.12	17,952	13.71	17
Dawo	13,068	2,047	2,946	0.23	23,532	6.70	10
Walisona Goro.....	35,633	5,050	5,525	0.16	58,133	9.66	8
Becho.....	11,294	1,448	1,475	0.13	21,240	14.27	14
Kokir.....	12,362	1,108	1,273	0.10	8,695	6.42	7
Meta Robi	23,639	9,149	15,217	0.64	85,601	4.08	9
North Shewa(Oromia) Zone.....	237,011	95,859	135,371	0.57	903,878	5.37	9
Wara Jarso	25,009	9,285	19,625	0.78	70,850	1.68	4
Dera	35,035	16,333	23,007	0.66	81,242	2.67	5
Hidabu Abote	15,884	4,127	6,849	0.43	28,584	2.64	6
Kuyu	20,090	6,047	12,556	0.62	39,310	1.50	5
Degem	17,936	8,632	13,059	0.73	65,222	3.40	6
Gerar Jarso.....	13,163	8,562	11,698	0.89	85,230	5.39	7
Yaya Gulelena Debre Libano...	16,566	5,624	8,178	0.49	41,678	3.84	8
Wuchalena Jido	22,017	8,072	8,980	0.41	95,945	10.09	10
Abichuna Gna'a	11,868	3,975	4,237	0.36	28,149	6.18	11
Kembibit.....	10,860	3,493	3,624	0.33	42,811	11.37	12
Berehna Aleltu.....	24,774	11,225	12,480	0.50	165,523	11.96	14
Mulona Sululta	23,810	10,484	11,077	0.47	159,334	13.53	16

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

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)
East Shewa Zone	314,966	58,064	74,502	0.24	822,324	9.12	9
Fentale	6,677	*	*	-	*	*	*
Boset	24,837	3,340	4,697	0.19	34,176	6.13	11
Adama	26,906	7,726	9,247	0.34	118,011	11.03	8
Lome	14,564	6,670	7,934	0.54	118,701	12.70	11
Gimbichu	15,569	7,951	10,627	0.68	113,085	8.34	11
Ada'a Liben Chukala	40,176	10,947	13,250	0.33	199,357	12.39	9
Dugda Bora	28,844	1,605	1,805	0.06	17,418	8.57	11
Adami Tullu Jido Kombolcha	23,794	1,433	1,765	0.07	11,000	5.10	8
Arsi Negele	26,584	2,612	4,086	0.15	24,466	4.49	5
Shashemene	46,108	2,619	3,218	0.07	31,721	8.76	5
Seraro	48,209	6,362	9,610	0.20	45,537	3.49	4
Akaki	12,696	5,953	6,700	0.53	89,740	11.90	10
Arsi Zone	493,007	157,861	251,487	0.51	1,623,259	4.54	9
Merti	22,750	6,773	14,397	0.63	149,295	5.56	10
Aseko	14,396	3,481	3,960	0.28	34,746	7.97	9
Gololcha	29,178	2,125	2,419	0.08	37,390	12.92	9
Jeju	22,217	7,690	8,679	0.39	105,059	11.10	9
Dodotana Sire	22,887	10,623	20,599	0.90	84,655	2.18	9
Zeway Dugda	21,200	1,975	2,403	0.11	18,496	6.97	12
Hitosa	39,229	22,051	38,701	0.99	216,071	3.67	9
Sude	25,501	7,001	10,224	0.40	63,234	4.39	6
Chole	15,918	8,899	14,860	0.93	92,454	4.51	6
Amigna	11,176	1,663	2,249	0.20	19,267	5.84	10
Seru	18,205	3,771	4,729	0.26	45,023	7.97	8
Robe	27,062	8,358	13,552	0.50	57,104	2.77	9
Tena	20,684	11,902	22,584	1.09	81,955	1.93	7
Sherka	26,405	12,131	25,109	0.95	97,816	2.01	11
Digeluna Tijo	22,181	7,717	9,291	0.42	73,367	6.56	11
Tiyo	15,978	7,506	10,783	0.67	102,230	6.83	10
Munesa	35,171	13,054	18,535	0.53	146,393	6.15	11
Bekoji	35,995	12,053	17,078	0.47	124,488	5.37	12
Gedeb	24,847	2,303	2,552	0.10	31,192	10.92	12
Kofele	42,028	6,785	8,784	0.21	43,025	4.02	7
West Harerge Zone	291,356	9,703	11,319	0.04	148,203	11.25	7
Mieso	16,400	660	879	0.05	15,848	12.97	9
Doba	22,768	141	227	0.01	3,218	9.93	14
Tulo	24,329	*	232	0.01	*	9.82	*
Mesela	25,840	*	*	-	*	*	*
Chiro	62,368	765	765	0.01	12,057	15.76	8
Goba Koricha	20,014	1,513	1,810	0.09	21,153	10.00	6
Anchar	13,430	2,654	3,258	0.24	32,621	8.23	8
Habro	30,386	994	1,151	0.04	14,986	10.70	6
Darolebu	26,978	1,023	1,136	0.04	17,399	13.44	6
Boke	22,144	341	341	0.02	4,862	14.26	9
Kuni	26,701	260	292	0.01	4,597	15.74	8
East Harerge Zone	387,193	9,082	9,942	0.03	97,840	9.19	6
Kombolcha	20,710	209	250	0.01	3,468	13.04	5
Jarso	17,052	2,502	2,922	0.17	29,438	8.62	4
Gursum	25,567	608	608	0.02	5,508	9.03	5
Babile	10,237	127	127	0.01	1,827	14.38	*
Fedis	24,565	*	*	-	*	*	*
Haro Maya	31,404	920	963	0.03	8,453	8.34	5
Kurfa Chele	7,122	*	*	-	*	*	*
Kersa	27,745	284	284	0.01	2,153	7.58	10

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

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)
East Harerge Zone.....							
Meta.....	43,775	327	*	-	*	*	*
Goro Gutu.....	25,718	*	*	-	3,955	*	*
Deder.....	38,265	357	*	-	*	*	5
Malka Balo.....	24,930	*	*	-	*	*	*
Bedeno.....	43,356	*	*	-	*	*	*
Girawa.....	38,886	226	226	0.01	*	*	*
Gola Oda.....	7,861	*	*	-	*	*	*
Bale Zone.....	259,058	44,784	61,644	0.24	374,584	4.73	9
Kokosa.....	23,375	*	*	-	12,268	*	*
Dodola.....	23,650	1,056	1,321	0.06	10,735	7.14	10
Adaba.....	19,856	2,191	3,020	0.15	23,108	6.12	13
Agarfa.....	13,146	6,990	10,886	0.83	52,724	3.26	9
Gasera.....	12,088	4,197	6,215	0.51	53,462	5.80	7
Gololcha.....	14,914	3,699	5,271	0.35	26,360	3.38	11
Legehida.....	8,094	353	672	0.08	3,144	3.00	6
Ginir.....	21,653	5,001	7,104	0.33	33,771	3.62	11
Sinanana Dinsho.....	24,988	8,794	12,947	0.52	50,290	2.88	10
Goba.....	7,183	2,291	2,826	0.39	19,889	5.75	11
Mennana Arena Buluk.....	19,198	1,478	1,532	0.08	16,044	10.22	9
Nensebo.....	14,169	659	714	0.05	8,416	10.91	10
Meda Welabu.....	12,557	1,146	1,163	0.09	10,941	9.26	6
Berbere.....	10,213	759	804	0.08	8,291	9.99	7
Guradamole.....	4,160	137	144	0.03	1,060	7.03	8
Goro.....	15,934	2,784	3,345	0.21	25,024	6.56	10
Raytu.....	6,168	893	940	0.15	12,826	12.96	8
Seweyna.....	7,711	536	570	0.07	6,233	10.25	8
Borena Zone.....	283,104	115,814	154,054	0.54	1,448,632	7.19	6
Uruga.....	42,623	19,703	26,225	0.62	272,257	7.78	7
Bore.....	30,433	14,973	20,313	0.67	219,874	8.32	6
Adolana Wadera.....	22,616	10,082	13,308	0.59	201,514	12.06	5
Odo Shakiso.....	14,015	4,761	5,739	0.41	64,490	9.57	8
Hager Mariam.....	86,116	32,345	42,126	0.49	250,670	4.66	6
Yabelo.....	10,081	2,654	2,878	0.29	36,612	11.91	7
Arero.....	3,331	1,214	1,352	0.41	16,335	10.90	5
Liben.....	14,844	2,865	3,108	0.21	36,149	10.50	6
Moyale.....	10,736	2,816	3,345	0.31	44,544	11.06	5
Dire.....	13,719	5,771	7,257	0.53	46,212	5.21	7
Teltele.....	7,361	1,061	1,134	0.15	7,751	6.37	6
Gelana Abaya.....	27,229	17,569	27,270	1.00	252,224	5.84	6

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)
Oromia Region	3,981,704	2,573,190	4,400,328	1.11	11,040,065	1.56	2
West Welega Zone	313,923	199,324	305,765	0.97	583,405	1.34	2
Mana Sibu	27,022	19,748	32,354	1.20	48,629	1.05	2
Nejo	17,916	12,651	22,574	1.26	31,363	0.81	1
Gimbi	17,096	10,201	14,510	0.85	25,037	1.27	2
Lalo Asabi	10,906	6,862	9,479	0.87	19,807	1.65	2
Boji	15,188	10,053	16,775	1.10	24,492	1.01	2
Ayra Guliso	16,371	11,346	15,110	0.92	30,059	1.57	2
Jarso	16,190	13,122	22,559	1.39	37,394	1.03	2
Gidami	13,636	8,127	10,342	0.76	33,502	2.57	2
Jimma Horo	6,869	5,173	8,779	1.28	16,442	1.21	2
Hawa Welel	17,315	10,310	16,114	0.93	36,832	1.45	2
Gawo Dale	23,820	16,349	27,540	1.16	54,299	1.34	2
Dale Sadi	11,117	7,551	11,948	1.07	19,178	1.09	2
Yubdo	5,640	4,072	6,910	1.23	12,275	1.15	2
Ganji	9,611	5,980	8,154	0.85	17,613	1.59	2
Haru	11,508	6,619	9,735	0.85	19,101	1.36	2
Nole Kaba	23,388	14,855	24,390	1.04	38,006	0.99	2
Lalo Kilie	7,900	5,659	7,468	0.95	14,517	1.48	2
Sayo	19,844	9,763	13,447	0.68	38,361	2.18	2
Anfilo	11,848	3,302	4,472	0.38	14,507	2.50	2
Begi	30,734	17,581	23,105	0.75	51,991	1.71	2
East Welega Zone	260,893	188,846	362,164	1.39	599,932	0.93	2
Limu	20,690	12,414	21,735	1.05	34,351	0.95	1
Ibantu	5,087	4,051	7,375	1.45	9,244	0.76	1
Gida Kiremu	22,168	15,395	32,544	1.47	47,238	0.74	1
Jarte	7,363	6,114	13,909	1.89	21,102	0.69	1
Amuru	7,739	6,076	13,776	1.78	20,088	0.66	2
Abe Dongoro	9,470	5,342	8,309	0.88	13,862	1.15	2
Jimma Horo	24,023	19,084	43,045	1.79	73,195	0.88	2
Abay Chomen	4,715	3,770	8,533	1.81	15,571	0.81	1
Guduru	21,520	16,068	39,328	1.83	61,218	0.77	1
Jimma Rare	7,738	6,000	12,404	1.60	31,811	1.34	2
Bila Seyo	13,470	9,594	13,965	1.04	28,920	1.38	1
Sibu Sire	15,203	11,290	20,331	1.34	37,185	1.15	2
Guto Wayu	28,487	19,997	32,754	1.15	59,104	1.09	2
Sasiga	11,346	7,160	11,120	0.98	22,634	1.27	2
Leka Dulecha	10,555	7,838	11,962	1.13	16,316	0.94	2
Diga	11,868	7,732	15,126	1.27	24,044	0.83	2
Jimma Arjo	13,333	9,732	14,187	1.06	23,282	1.14	2
Nunu Kumba	10,438	8,396	19,369	1.86	24,655	0.60	1
Wama Bonaya	15,680	12,791	22,393	1.43	36,113	0.98	1
Illibabor Zone	195,287	134,248	176,482	0.90	418,817	1.83	2
Darimu	22,324	13,921	22,034	0.99	38,980	1.15	3
Supena Sodo	13,139	8,726	11,401	0.87	18,313	1.24	2
Chora	19,554	13,242	16,551	0.85	48,848	2.34	3
Dega	10,191	7,893	11,543	1.13	22,849	1.44	2
Bedele	20,513	15,221	20,120	0.98	48,177	1.89	2
Gechi	10,893	8,230	10,178	0.93	27,374	2.23	2
Borecha Wereda	9,030	6,746	8,250	0.91	23,507	2.31	2
Dedesa	14,033	10,284	13,412	0.96	37,184	2.10	2
yayu	19,201	12,474	15,532	0.81	44,787	2.27	3
Metu	22,651	13,199	17,602	0.78	44,851	1.88	3

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

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)
Illibabor Zone.....							
Ale	17,356	12,860	15,201	0.88	34,989	1.92	3
Bure	11,992	8,280	11,102	0.93	20,622	1.39	3
Nono	4,411	3,171	3,557	0.81	8,336	2.06	3
Jimma Zone	443,315	327,071	440,484	0.99	1,070,133	1.89	2
Limu Seka	29,245	24,380	35,266	1.21	66,696	1.42	1
Limu Kosa	45,921	35,779	52,649	1.15	106,710	1.50	2
Sokoru	25,586	19,528	28,103	1.10	54,054	1.40	2
Tiro Afeta	24,135	19,757	34,363	1.42	47,507	0.88	1
Kersa.....	29,474	25,818	32,248	1.09	100,995	2.50	2
Mana	27,816	15,838	17,413	0.63	54,299	2.85	2
Goma	49,523	26,683	32,607	0.66	110,872	2.86	2
Gera	20,803	16,853	21,269	1.02	70,314	2.73	2
Seka chekorsa.....	56,422	38,100	50,556	0.90	126,781	1.95	2
Dedo	54,035	42,951	54,580	1.01	115,919	1.61	2
Omonada	45,972	38,058	52,459	1.14	143,789	1.97	2
Sigmo.....	16,132	11,381	14,904	0.92	39,201	2.23	2
Setema	18,249	11,946	14,068	0.77	32,995	2.03	1
West Shewa Zone.....	502,591	366,002	723,338	1.44	1,463,880	1.09	2
Ginde Beret	33,630	25,061	54,879	1.63	87,612	0.77	1
Jeldu.....	33,701	24,576	46,616	1.38	73,849	0.89	1
Ambo.....	40,122	28,730	58,919	1.47	108,093	0.91	2
Cheliya.....	37,011	27,989	57,082	1.54	85,672	0.81	1
Bako Tibe	19,389	14,223	31,053	1.60	44,678	0.72	2
Dano	15,544	12,565	27,409	1.76	32,434	0.57	1
Nono	23,140	18,863	32,734	1.41	63,644	1.14	1
Tikur	12,596	7,672	13,013	1.03	21,326	1.09	2
Amaya	21,943	16,988	31,776	1.45	64,188	1.08	1
Wonchi	17,405	9,010	13,807	0.79	26,934	1.39	2
Dendi	37,106	26,142	41,887	1.13	81,028	1.26	1
Ejerie	15,219	11,437	25,158	1.65	46,641	0.88	1
Adda Berga.....	19,302	15,054	36,451	1.89	69,186	0.84	1
Walmaru	17,073	12,800	27,869	1.63	68,374	1.16	2
Alem Gana.....	20,607	14,730	31,022	1.51	131,903	2.14	2
Kersana Kondaltiti	22,051	18,157	27,726	1.26	98,017	2.44	2
Tole.....	10,401	8,610	17,893	1.72	53,646	1.55	2
Elu	10,354	7,715	17,908	1.73	47,910	1.21	1
Dawo	13,068	10,620	21,650	1.66	52,930	1.26	2
Walisona Goro.....	35,633	20,771	33,917	0.95	74,949	1.43	2
Becho.....	11,294	9,058	18,425	1.63	45,312	1.28	2
Kokir.....	12,362	8,496	19,938	1.61	38,815	0.84	2
Meta Robi	23,639	16,738	36,205	1.53	46,739	0.64	1
North Shewa(Oromia) Zone.....	237,011	187,334	405,736	1.71	930,731	1.10	1
Wara Jarso	25,009	19,448	52,100	2.08	114,236	0.85	2
Dera	35,035	24,576	43,405	1.24	88,412	1.14	1
Hidabu Abote	15,884	11,621	24,068	1.52	49,389	1.03	1
Kuyu	20,090	15,227	31,158	1.55	59,043	0.98	1
Degem	17,936	13,310	25,044	1.40	56,357	1.26	1
Gerar Jarso.....	13,163	11,630	26,833	2.04	54,505	0.97	1
Yaya Gulelena Debre Libano.....	16,566	13,635	28,846	1.74	72,333	1.22	2
Wuchalena Jido	22,017	18,504	40,917	1.86	94,316	1.13	1
Abichuna Gna'a	11,868	9,902	16,464	1.39	34,886	1.30	1
Kembibit.....	10,860	8,475	15,592	1.44	37,537	1.35	1
Berehna Aleltu.....	24,774	20,166	45,832	1.85	137,806	1.38	1
Mulona Sululta	23,810	20,841	55,477	2.33	131,913	0.96	1

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

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)
East Shewa Zone	314,966	231,462	423,458	1.34	1,522,523	2.03	2
Fentale	6,677	4,403	5,735	0.86	35,469	4.61	2
Boset	24,837	18,304	31,681	1.28	144,292	2.67	1
Adama	26,906	18,988	36,178	1.34	194,083	3.11	1
Lome	14,564	11,164	26,481	1.82	107,542	1.75	1
Gimbichu	15,569	12,900	26,374	1.69	94,163	1.83	2
Ada'a Liben Chukala	40,176	29,705	75,334	1.88	281,516	1.53	2
Dugda Bora	28,844	23,400	40,688	1.41	89,893	1.35	1
Adami Tullu Jido Kombolcha	23,794	16,932	27,741	1.17	65,604	1.44	1
Arsi Negele	26,584	19,472	27,847	1.05	89,497	2.37	2
Shashemene	46,108	29,514	48,240	1.05	169,890	2.27	2
Seraro	48,209	36,755	55,647	1.15	149,474	1.91	2
Akaki	12,696	9,926	21,511	1.69	101,100	2.33	2
Arsi Zone	493,007	377,086	645,024	1.31	1,660,749	1.59	2
Merti	22,750	17,298	32,416	1.42	78,641	1.46	1
Aseko	14,396	10,757	16,373	1.14	37,885	1.58	1
Gololcha	29,178	19,920	31,734	1.09	71,414	1.62	1
Jeju	22,217	16,843	26,002	1.17	85,995	2.25	1
Dodotana Sire	22,887	16,599	31,203	1.36	114,384	2.11	2
Zeway Dugda	21,200	16,426	22,935	1.08	72,011	2.22	2
Hitosa	39,229	30,566	49,873	1.27	178,132	2.31	2
Sude	25,501	20,514	28,148	1.10	76,595	2.02	1
Chole	15,918	12,617	21,888	1.38	53,476	1.48	1
Amigna	11,176	9,407	16,779	1.50	42,678	1.64	1
Seru	18,205	15,366	26,379	1.45	70,927	1.69	1
Robe	27,062	22,181	32,851	1.21	99,954	2.03	1
Tena	20,684	15,952	25,560	1.24	62,279	1.58	2
Sherka	26,405	21,406	36,004	1.36	95,877	1.62	2
Digeluna Tijo	22,181	17,269	30,935	1.39	70,878	1.35	2
Tiyo	15,978	11,888	29,141	1.82	78,920	1.17	2
Munesa	35,171	26,859	42,336	1.20	105,524	1.58	2
Bekoji	35,995	28,456	57,787	1.61	89,902	0.82	2
Gedeb	24,847	20,356	51,529	2.07	95,092	0.76	2
Kofele	42,028	26,405	35,153	0.84	80,187	1.60	2
West Harerge Zone	291,356	175,165	265,053	0.91	1,086,361	2.83	2
Mieso	16,400	13,400	25,158	1.53	93,195	2.18	1
Doba	22,768	16,874	31,691	1.39	106,427	1.89	2
Tulo	24,329	12,514	15,559	0.64	60,672	3.27	2
Mesela	25,840	7,465	10,813	0.42	39,094	2.70	2
Chiro	62,368	30,584	37,363	0.60	154,703	3.40	2
Goba Koricha	20,014	16,003	28,204	1.41	101,621	2.12	1
Anchar	13,430	10,858	15,218	1.13	44,548	2.19	1
Habro	30,386	16,847	28,691	0.94	155,492	3.33	2
Darolebu	26,978	21,035	32,177	1.19	108,712	2.38	2
Boke	22,144	13,619	19,221	0.87	84,990	3.15	2
Kuni	26,701	15,967	20,958	0.78	136,907	4.91	2
East Harerge Zone	387,193	117,656	203,706	0.53	564,057	1.75	2
Kombolcha	20,710	1,723	2,224	0.11	13,810	4.97	3
Jarso	17,052	4,679	7,986	0.47	20,989	1.64	2
Gursum	25,567	12,046	19,635	0.77	40,940	1.30	1
Babile	10,237	7,338	28,503	2.78	61,552	0.67	1
Fedis	24,565	13,279	23,583	0.96	80,513	2.06	3
Haro Maya	31,404	2,515	4,570	0.15	26,663	3.32	4
Kurfa Chele	7,122	2,032	2,606	0.37	7,119	2.21	2
Kersa	27,745	7,896	10,345	0.37	41,269	3.16	3

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

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)
East Harerge Zone							
Meta	43,775	15,168	24,682	0.56	57,991	1.57	2
Goro Gutu	25,718	11,105	16,084	0.63	53,138	2.54	2
Deder	38,265	13,252	19,277	0.50	39,055	1.48	2
Malka Balo	24,930	6,281	8,857	0.36	29,921	2.45	2
Bedeno	43,356	9,732	17,047	0.39	46,259	1.71	3
Girawa	38,886	4,720	6,167	0.16	17,806	2.13	4
Gola Oda	7,861	5,888	12,140	1.54	27,035	1.09	2
Bale Zone	259,058	172,432	277,356	1.07	717,984	1.64	2
Kokosa	23,375	1,091	1,819	0.08	5,868	1.81	2
Dodola	23,650	15,161	27,474	1.16	45,747	0.98	2
Adaba	19,856	15,074	23,589	1.19	37,423	1.01	2
Agarfa	13,146	10,939	19,068	1.45	44,491	1.39	2
Gasera	12,088	8,979	14,864	1.23	51,540	2.21	2
Gololcha	14,914	12,083	27,646	1.85	73,027	1.13	2
Legehida	8,094	6,779	7,706	0.95	18,354	2.04	2
Ginir	21,653	17,577	33,195	1.53	130,220	2.28	3
Sinanana Dinsho	24,988	20,952	34,645	1.39	84,861	1.51	2
Goba	7,183	5,972	7,962	1.11	18,354	1.73	2
Mennana Arena Buluk	19,198	12,007	14,108	0.73	33,169	2.03	2
Nensebo	14,169	1,425	2,377	0.17	5,461	1.40	2
Meda Welabu	12,557	9,704	11,292	0.90	29,533	2.22	2
Berbere	10,213	7,319	9,239	0.90	21,829	1.97	2
Guradamole	4,160	3,588	7,078	1.70	13,058	1.01	2
Goro	15,934	14,313	21,564	1.35	74,251	2.25	2
Raytu	6,168	3,859	6,534	1.06	11,944	1.14	2
Seweyna	7,711	5,610	7,196	0.93	18,852	2.11	2
Borena Zone	283,104	96,565	171,761	0.61	421,496	1.61	2
Uruga	42,623	7,016	10,599	0.25	33,410	2.13	2
Bore	30,433	14,703	22,264	0.73	55,097	1.76	3
Adolana Wadera	22,616	14,942	19,757	0.87	53,628	2.15	2
Odo Shakiso	14,015	3,793	4,583	0.33	21,686	3.90	3
Hager Mariam	86,116	11,922	26,256	0.30	47,792	1.06	2
Yabelo	10,081	6,177	13,813	1.37	36,588	1.36	2
Arero	3,331	1,669	3,326	1.00	8,323	1.46	2
Liben	14,844	9,715	13,396	0.90	51,956	2.86	2
Moyale	10,736	6,288	14,275	1.33	43,116	1.50	2
Dire	13,719	9,677	23,262	1.70	28,277	0.71	2
Teltele	7,361	5,402	12,331	1.68	14,167	0.53	2
Gelana Abaya	27,229	5,262	7,900	0.29	27,456	2.56	4

TABLE 8.8A: - Number of Holders Reporting 'Erfe' 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)
Oromia Region	3,981,704	2,534,338	3,596,052	0.90	5,971,842	1.18	1
West Welega Zone	313,923	194,747	249,872	0.80	261,323	0.87	1
Mana Sibu	27,022	19,424	24,359	0.90	18,343	0.62	1
Nejo	17,916	12,272	16,104	0.90	12,379	0.57	1
Gimbi	17,096	10,160	11,339	0.66	18,940	1.43	1
Lalo Asabi	10,906	6,633	7,457	0.68	6,800	0.80	1
Boji	15,188	9,671	12,365	0.81	11,453	0.59	1
Ayra Guliso	16,371	11,096	13,756	0.84	13,901	0.82	1
Jarso	16,190	13,055	18,426	1.14	14,897	*	1
Gidami	13,636	8,074	9,908	0.73	13,777	1.15	1
Jimma Horo	6,869	4,761	6,320	0.92	5,623	0.68	1
Hawa Welel	17,315	10,116	13,930	0.80	16,613	0.86	1
Gawo Dale	23,820	15,789	21,601	0.91	27,872	1.03	1
Dale Sadi	11,117	7,487	9,660	0.87	7,878	0.63	1
Yubdo	5,640	4,023	5,058	0.90	5,997	0.94	1
Ganji	9,611	5,930	7,453	0.78	7,531	0.78	1
Haru	11,508	6,487	7,798	0.68	8,894	0.92	1
Nole Kaba	23,388	14,877	20,609	0.88	16,215	0.57	1
Lalo Kilie	7,900	5,496	7,327	0.93	6,518	0.65	1
Sayo	19,844	9,479	11,569	0.58	18,065	1.31	1
Anfilo	11,848	3,079	4,040	0.34	4,025	0.78	1
Begi	30,734	16,837	20,793	0.68	25,606	1.02	1
East Welega Zone	260,893	186,246	276,976	1.06	303,977	0.75	1
Limu	20,690	12,641	15,623	0.76	16,208	0.85	1
Ibantu	5,087	3,901	6,659	1.31	5,958	0.60	1
Gida Kiremu	22,168	15,201	23,842	1.08	22,313	0.61	1
Jarte	7,363	6,113	9,512	1.29	8,394	0.56	1
Amuru	7,739	5,980	9,771	1.26	8,994	0.56	1
Abe Dongoro	9,470	5,212	6,920	0.73	7,622	0.83	1
Jimma Horo	24,023	18,663	29,431	1.23	31,493	0.73	1
Abay Chomen	4,715	3,749	6,631	1.41	8,597	0.71	1
Guduru	21,520	16,082	25,187	1.17	32,286	0.77	1
Jimma Rare	7,738	6,003	9,257	1.20	15,629	1.07	1
Bila Seyo	13,470	9,557	13,931	1.03	17,046	0.83	1
Sibu Sire	15,203	11,166	15,852	1.04	24,081	1.05	1
Guto Wayu	28,487	19,190	25,401	0.89	32,245	1.02	1
Sasiga	11,346	6,621	8,438	0.74	8,061	0.73	1
Leka Dulecha	10,555	7,743	10,110	0.96	10,394	0.79	1
Diga	11,868	7,581	10,923	0.92	10,570	0.72	1
Jimma Arjo	13,333	9,648	13,389	1.00	11,902	0.63	1
Nunu Kumba	10,438	8,356	17,278	1.66	12,669	0.38	1
Wama Bonaya	15,680	12,840	18,821	1.20	19,517	0.75	1
Illibabor Zone	195,287	133,319	178,732	0.92	129,366	0.53	1
Darimu	22,324	13,634	19,118	0.86	16,027	0.56	1
Supena Sodo	13,139	8,677	11,463	0.87	6,239	0.41	1
Chora	19,554	13,290	17,656	0.90	13,433	0.56	1
Dega	10,191	7,952	11,665	1.14	6,528	0.38	1
Bedele	20,513	15,179	20,119	0.98	12,712	0.48	1
Gechi	10,893	8,279	10,072	0.92	7,520	0.63	1
Borecha Wereda	9,030	6,683	8,793	0.97	5,064	0.44	1
Dedesa	14,033	10,254	14,998	1.07	10,378	0.45	1
yayu	19,201	12,449	16,351	0.85	13,161	0.60	1
Metu	22,651	12,980	16,985	0.75	14,656	0.64	1

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

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)
Illibabor Zone.....							
Ale	17,356	12,531	15,462	0.89	12,903	0.68	1
Bure	11,992	8,216	12,083	1.01	8,674	0.46	1
Nono	4,411	3,197	3,967	0.90	2,070	0.41	1
Jimma Zone	443,315	317,617	414,379	0.93	480,403	0.90	1
Limu Seka	29,245	23,922	29,502	1.01	26,434	0.70	1
Limu Kosa	45,921	35,701	44,450	0.97	64,805	1.18	2
Sokoru	25,586	19,268	25,160	0.98	28,188	0.84	1
Tiro Afeta	24,135	18,615	25,135	1.04	66,624	1.92	2
Kersa.....	29,474	24,642	30,294	1.03	49,005	1.34	2
Mana	27,816	15,556	17,517	0.63	20,018	1.02	2
Goma	49,523	25,280	32,556	0.66	36,140	0.91	1
Gera	20,803	16,746	22,443	1.08	19,861	0.69	1
Seka chekorsa.....	56,422	36,479	50,388	0.89	47,098	0.72	1
Dedo	54,035	41,276	54,887	1.02	41,426	0.57	1
Omonada	45,972	37,420	52,812	1.15	56,972	0.78	1
Sigmo.....	16,132	10,962	14,238	0.88	10,000	0.56	1
Setema	18,249	11,749	14,999	0.82	13,832	0.74	1
West Shewa Zone.....	502,591	364,204	552,762	1.10	1,127,860	1.36	1
Ginde Beret	33,630	24,982	35,262	1.05	76,402	1.57	2
Jeldu.....	33,701	24,393	31,282	0.93	129,110	3.42	2
Ambo.....	40,122	28,938	44,512	1.11	72,965	1.01	1
Cheliya.....	37,011	27,746	40,393	1.09	44,292	0.76	1
Bako Tibe	19,389	14,149	20,813	1.07	23,299	0.77	1
Dano	15,544	12,371	17,710	1.14	15,631	0.62	1
Nono	23,140	18,714	28,561	1.23	38,591	0.83	1
Tikur	12,596	7,561	8,964	0.71	8,958	0.84	1
Amaya	21,943	16,753	24,596	1.12	29,269	0.79	1
Wonchi	17,405	9,405	11,454	0.66	18,952	1.40	1
Dendi	37,106	26,080	38,128	1.03	78,040	1.27	1
Ejerie	15,219	11,262	19,187	1.26	50,735	1.77	2
Adda Berga.....	19,302	15,002	25,980	1.35	60,785	1.39	1
Walmarra	17,073	12,818	21,260	1.25	37,949	1.08	1
Alem Gana.....	20,607	14,616	25,859	1.25	76,371	1.59	1
Kersana Kondaltiti	22,051	17,953	25,557	1.16	66,126	1.86	2
Tole.....	10,401	8,606	15,090	1.45	35,761	1.35	1
Elu	10,354	7,642	18,726	1.81	45,063	1.02	2
Dawo	13,068	10,621	19,110	1.46	29,883	0.88	1
Walisona Goro.....	35,633	20,548	27,126	0.76	42,786	1.21	2
Becho.....	11,294	9,057	21,148	1.87	46,714	0.92	2
Kokir.....	12,362	8,348	11,377	0.92	16,018	1.04	1
Meta Robi	23,639	16,640	20,670	0.87	84,160	3.37	2
North Shewa(Oromia) Zone.....	237,011	187,444	313,266	1.32	585,763	1.12	1
Wara Jarso	25,009	19,435	36,164	1.45	60,094	0.90	1
Dera	35,035	24,558	36,318	1.04	57,984	1.06	1
Hidabu Abote	15,884	11,657	16,237	1.02	46,538	2.08	2
Kuyu	20,090	15,167	25,345	1.26	43,120	1.06	2
Degem	17,936	13,265	17,637	0.98	42,249	1.82	2
Gerar Jarso.....	13,163	11,717	18,198	1.38	36,556	1.28	1
Yaya Gulelena Debre Libano.....	16,566	13,643	23,319	1.41	46,299	1.18	1
Wuchalena Jido	22,017	18,648	28,064	1.27	46,390	1.11	1
Abichuna Gna'a	11,868	9,845	15,755	1.33	18,750	0.75	1
Kembibit.....	10,860	8,544	13,776	1.27	28,715	1.26	1
Berehna Aleltu.....	24,774	20,223	44,289	1.79	91,389	0.91	1
Mulona Sululta	23,810	20,741	38,164	1.60	67,678	0.94	1

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

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)
East Shewa Zone	314,966	227,724	332,492	1.06	816,066	1.63	1
Fentale	6,677	3,526	4,887	0.73	16,202	2.44	1
Boset	24,837	18,198	27,315	1.10	60,450	1.52	1
Adama	26,906	18,742	27,676	1.03	96,296	2.47	1
Lome	14,564	11,093	19,950	1.37	55,510	1.52	1
Gimbichu	15,569	12,806	26,468	1.70	60,951	1.09	1
Ada'a Liben Chukala	40,176	29,568	51,573	1.28	179,634	1.99	1
Dugda Bora	28,844	23,193	33,197	1.15	59,707	1.21	1
Adami Tullu Jido Kombolcha	23,794	16,259	19,864	0.83	31,517	1.28	1
Arsi Negele	26,584	19,096	23,736	0.89	49,057	1.66	2
Shashemene	46,108	29,194	32,506	0.70	71,688	1.99	2
Seraro	48,209	36,217	46,256	0.96	68,914	1.19	2
Akaki	12,696	9,832	19,063	1.50	66,138	1.80	2
Arsi Zone	493,007	371,964	561,403	1.14	778,479	0.92	1
Merti	22,750	17,389	28,083	1.23	51,776	1.19	1
Aseko	14,396	10,675	15,193	1.06	21,471	0.99	1
Gololcha	29,178	19,642	27,759	0.95	37,531	0.98	1
Jeju	22,217	16,699	22,567	1.02	42,396	1.36	1
Dodotana Sire	22,887	16,420	25,982	1.14	52,270	1.28	1
Zeway Dugda	21,200	16,478	22,585	1.07	40,313	1.30	1
Hitosa	39,229	30,240	48,648	1.24	70,553	0.91	1
Sude	25,501	20,390	28,153	1.10	35,725	0.89	1
Chole	15,918	12,584	18,972	1.19	23,944	0.85	1
Amigna	11,176	9,354	13,531	1.21	21,035	1.07	1
Seru	18,205	15,396	23,136	1.27	34,329	0.99	1
Robe	27,062	21,986	32,725	1.21	42,655	0.88	1
Tena	20,684	16,057	23,399	1.13	31,948	0.90	1
Sherka	26,405	21,279	31,303	1.19	36,826	0.78	1
Digeluna Tijo	22,181	17,173	30,450	1.37	38,018	0.68	1
Tiyo	15,978	11,763	20,198	1.26	26,667	0.77	1
Munesa	35,171	26,790	40,499	1.15	43,948	0.73	1
Bekoji	35,995	28,272	45,007	1.25	42,035	0.56	1
Gedeb	24,847	20,304	34,038	1.37	48,437	0.87	1
Kofele	42,028	23,072	29,175	0.69	36,603	0.99	1
West Harerge Zone	291,356	172,874	215,555	0.74	617,808	2.29	1
Mieso	16,400	13,283	16,995	1.04	63,328	3.01	1
Doba	22,768	16,571	21,339	0.94	55,556	2.04	2
Tulo	24,329	12,523	13,969	0.57	42,928	2.87	2
Mesela	25,840	7,563	8,769	0.34	21,533	2.14	2
Chiro	62,368	30,051	33,675	0.54	102,238	2.73	1
Goba Koricha	20,014	15,891	20,392	1.02	55,332	2.16	1
Anchar	13,430	10,799	12,849	0.96	24,965	1.65	1
Habro	30,386	17,036	28,325	0.93	89,377	1.63	1
Darolebu	26,978	20,607	23,716	0.88	51,809	1.89	1
Boke	22,144	12,715	14,626	0.66	43,083	2.71	2
Kuni	26,701	15,835	20,899	0.78	67,658	2.54	2
East Harerge Zone	387,193	114,105	126,972	0.33	285,132	2.04	2
Kombolcha	20,710	1,479	1,534	0.07	7,739	4.77	2
Jarso	17,052	4,425	5,319	0.31	12,739	2.04	2
Gursum	25,567	13,107	14,173	0.55	33,187	2.14	2
Babile	10,237	7,475	9,168	0.90	28,968	2.69	2
Fedis	24,565	12,845	14,408	0.59	40,302	2.56	2
Haro Maya	31,404	2,172	2,397	0.08	5,730	2.19	2
Kurfa Chele	7,122	1,961	2,059	0.29	4,640	2.16	2
Kersa	27,745	6,925	7,299	0.26	17,067	2.20	2

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

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)
East Harerge Zone							
Meta	43,775	15,027	16,181	0.37	30,648	1.77	2
Goro Gutu	25,718	11,060	11,846	0.46	30,080	2.36	1
Deder	38,265	12,548	14,081	0.37	20,747	1.32	2
Malka Balo	24,930	6,203	7,049	0.28	16,182	2.04	1
Bedeno	43,356	8,930	10,670	0.25	18,315	1.45	2
Girawa	38,886	4,120	4,291	0.11	7,070	1.58	2
Gola Oda	7,861	5,826	6,495	0.83	11,719	1.65	1
Bale Zone	259,058	169,034	244,319	0.94	365,526	1.02	1
Kokosa	23,375	819	1,035	0.04	*	1.43	2
Dodola	23,650	14,855	24,254	1.03	25,160	0.63	1
Adaba	19,856	14,897	23,850	1.20	20,885	0.54	1
Agarfa	13,146	10,915	17,714	1.35	24,372	0.81	1
Gasera	12,088	8,870	12,471	1.03	23,199	1.34	1
Gololcha	14,914	11,950	18,398	1.23	46,153	1.67	1
Legehida	8,094	6,684	7,506	0.93	10,176	1.23	1
Ginir	21,653	17,249	25,133	1.16	45,968	1.22	1
Sinanana Dinsho	24,988	20,890	34,098	1.36	46,496	0.80	1
Goba	7,183	5,891	8,547	1.19	9,562	0.78	1
Mennana Arena Buluk	19,198	11,653	13,051	0.68	15,935	1.07	1
Nensebo	14,169	1,412	1,980	0.14	2,332	0.72	2
Meda Welabu	12,557	9,143	10,770	0.86	17,329	1.39	2
Berbere	10,213	7,263	8,483	0.83	10,881	1.11	1
Guradamole	4,160	3,519	4,283	1.03	5,727	1.12	1
Goro	15,934	14,184	22,528	1.41	45,328	1.23	1
Raytu	6,168	3,542	4,242	0.69	5,248	1.04	1
Seweyna	7,711	5,299	5,974	0.77	8,318	1.22	1
Borena Zone	283,104	95,060	129,324	0.46	220,140	1.30	2
Uruga	42,623	7,017	8,524	0.20	13,291	1.35	1
Bore	30,433	14,245	15,346	0.50	28,403	1.75	2
Adolana Wadera	22,616	15,003	18,474	0.82	29,347	1.23	1
Odo Shakiso	14,015	3,785	4,067	0.29	11,542	2.67	3
Hager Mariam	86,116	11,509	17,390	0.20	22,941	0.97	2
Yabelo	10,081	6,181	9,640	0.96	18,537	1.31	2
Arero	3,331	1,674	2,563	0.77	4,347	1.21	1
Liben	14,844	9,635	13,678	0.92	28,509	1.49	2
Moyale	10,736	6,252	9,906	0.92	25,628	1.70	1
Dire	13,719	9,414	15,287	1.11	15,541	0.64	2
Teltele	7,361	5,341	8,701	1.18	8,004	0.54	1
Gelana Abaya	27,229	5,005	5,747	0.21	14,050	2.18	2

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-Beam s Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Plough-Beam (Birr)	Average Duration of Service of Plough-Beam (Years)
Oromia Region	3,981,704	2,591,935	3,538,714	0.89	33,026,990	6.88	4
West Welega Zone	313,923	200,986	228,750	0.73	1,063,215	4.08	3
Mana Sibu	27,022	19,769	23,330	0.86	74,169	2.70	2
Nejo	17,916	12,697	14,675	0.82	43,831	2.55	3
Gimbi	17,096	10,236	11,037	0.65	51,496	4.31	3
Lalo Asabi	10,906	6,800	7,263	0.67	34,865	4.45	3
Boji	15,188	10,110	11,159	0.73	40,816	3.31	3
Ayra Guliso	16,371	11,285	12,858	0.79	51,368	3.48	3
Jarso	16,190	13,202	14,871	0.92	40,527	2.44	2
Gidami	13,636	8,123	9,667	0.71	80,103	6.88	3
Jimma Horo	6,869	5,287	6,429	0.94	26,720	3.37	2
Hawa Welel	17,315	10,466	12,454	0.72	74,733	5.09	3
Gawo Dale	23,820	16,652	19,335	0.81	84,576	3.78	2
Dale Sadi	11,117	7,474	8,554	0.77	28,776	2.91	3
Yubdo	5,640	4,085	4,681	0.83	17,644	3.30	3
Ganji	9,611	6,025	6,686	0.70	29,958	3.99	3
Haru	11,508	6,677	7,545	0.66	42,260	4.94	4
Nole Kaba	23,388	14,956	17,396	0.74	79,524	3.97	3
Lalo Kilie	7,900	5,731	6,536	0.83	21,254	2.82	3
Sayo	19,844	10,239	11,410	0.57	84,477	6.73	3
Anfilo	11,848	3,302	4,082	0.34	23,999	4.74	3
Begi	30,734	17,869	18,781	0.61	132,120	6.54	3
East Welega Zone	260,893	189,914	239,611	0.92	1,238,167	4.02	3
Limu	20,690	12,981	15,395	0.74	61,858	3.27	2
Ibantu	5,087	4,097	4,716	0.93	14,546	2.67	2
Gida Kiremu	22,168	15,435	18,960	0.86	79,454	3.39	2
Jarte	7,363	6,138	8,150	1.11	35,780	3.29	2
Amuru	7,739	6,085	8,245	1.07	49,431	4.41	2
Abe Dongoro	9,470	5,357	6,834	0.72	34,351	3.86	2
Jimma Horo	24,023	19,092	24,875	1.04	139,152	4.33	3
Abay Chomen	4,715	3,770	5,622	1.19	25,175	3.00	2
Guduru	21,520	16,119	23,204	1.08	157,919	4.65	2
Jimma Rare	7,738	6,009	7,992	1.03	90,064	8.41	3
Bila Seyo	13,470	9,634	11,851	0.88	73,591	4.94	3
Sibu Sire	15,203	11,263	13,540	0.89	72,773	4.47	3
Guto Wayu	28,487	19,975	23,763	0.83	114,176	3.99	3
Sasiga	11,346	7,194	8,121	0.72	37,255	3.96	3
Leka Dulecha	10,555	7,838	9,477	0.90	37,942	3.27	3
Diga	11,868	7,762	9,533	0.80	49,337	4.20	3
Jimma Arjo	13,333	9,882	12,407	0.93	46,855	3.01	3
Nunu Kumba	10,438	8,422	10,126	0.97	39,338	3.16	3
Wama Bonaya	15,680	12,862	16,802	1.07	79,171	3.62	3
Illibabor Zone	195,287	134,400	164,852	0.84	616,573	3.02	3
Darimu	22,324	13,914	17,044	0.76	63,837	2.99	3
Supena Sodo	13,139	8,740	10,501	0.80	32,424	2.53	3
Chora	19,554	13,468	16,869	0.86	61,787	2.91	3
Dega	10,191	7,887	10,530	1.03	37,195	2.75	2
Bedele	20,513	15,259	18,493	0.90	82,678	3.68	3
Gechi	10,893	8,318	9,792	0.90	33,421	2.90	2
Borecha Wereda	9,030	6,736	8,226	0.91	29,544	2.90	2
Dedesa	14,033	10,145	13,450	0.96	55,358	3.03	2
yayu	19,201	12,508	15,152	0.79	51,338	2.78	3
Metu	22,651	13,171	15,769	0.70	62,701	3.25	3

TABLE 8.9A: - Number of Holders Reporting Plough-Beam Owned, Quantity Reported, Replacement Value, and Duration of Service of Plough-Beam, for Private Holdings. (Continued.)

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)
Illibabor Zone							
Ale	17,356	12,761	14,994	0.86	53,485	2.98	3
Bure	11,992	8,313	10,493	0.88	41,889	3.13	4
Nono	4,411	3,180	3,539	0.80	10,918	2.74	3
Jimma Zone	443,315	328,709	410,049	0.92	1,898,296	3.69	2
Limu Seka	29,245	24,477	27,941	0.96	150,031	4.64	2
Limu Kosa	45,921	35,756	43,566	0.95	275,290	5.26	3
Sokoru	25,586	19,573	24,708	0.97	110,855	3.51	3
Tiro Afeta	24,135	19,688	24,720	1.02	129,411	4.16	2
Kersa	29,474	25,938	31,953	1.08	161,240	4.06	2
Mana	27,816	16,614	18,973	0.68	89,877	3.93	3
Goma	49,523	26,708	32,538	0.66	151,812	3.81	2
Gera	20,803	16,884	21,136	1.02	100,225	3.82	3
Seka chekorsa	56,422	38,048	48,756	0.86	187,430	3.00	3
Dedo	54,035	43,095	54,388	1.01	181,268	2.48	2
Omonada	45,972	38,390	54,876	1.19	255,190	3.28	2
Sigmo	16,132	11,450	12,510	0.78	45,224	3.28	2
Setema	18,249	12,088	13,983	0.77	60,442	3.77	2
West Shewa Zone	502,591	367,571	526,182	1.05	5,359,157	6.98	4
Ginde Beret	33,630	25,063	32,365	0.96	345,422	8.30	4
Jeldu	33,701	24,581	30,112	0.89	395,425	11.05	4
Ambo	40,122	29,014	40,506	1.01	503,298	8.49	4
Cheliya	37,011	27,773	36,809	0.99	339,157	6.76	3
Bako Tibe	19,389	14,290	18,348	0.95	118,059	4.92	3
Dano	15,544	12,603	16,704	1.07	83,329	3.67	3
Nono	23,140	18,776	26,082	1.13	272,151	6.64	3
Tikur	12,596	7,595	8,291	0.66	60,611	6.55	3
Amaya	21,943	17,064	23,958	1.09	219,092	6.00	2
Wonchi	17,405	9,650	10,815	0.62	75,313	6.19	3
Dendi	37,106	26,251	37,277	1.00	403,490	7.20	5
Ejerie	15,219	11,478	20,625	1.36	168,137	4.70	5
Adda Berga	19,302	15,068	22,569	1.17	257,570	7.76	4
Walmara	17,073	12,817	23,330	1.37	183,805	4.20	4
Alem Gana	20,607	14,703	25,766	1.25	355,307	7.84	4
Kersana Kondaltiti	22,051	18,216	24,722	1.12	375,251	10.84	4
Tole	10,401	8,670	14,207	1.37	179,150	7.72	4
Elu	10,354	7,759	16,359	1.58	158,170	4.65	4
Dawo	13,068	10,648	18,090	1.38	186,856	6.26	4
Walisona Goro	35,633	21,040	27,177	0.76	195,334	5.67	4
Becho	11,294	9,073	19,305	1.71	178,902	4.43	4
Kokir	12,362	8,409	11,403	0.92	87,284	5.76	3
Meta Robi	23,639	17,031	21,364	0.90	218,044	8.23	4
North Shewa(Oromia) Zone	237,011	188,777	330,055	1.39	2,680,765	4.61	4
Wara Jarso	25,009	19,583	37,614	1.50	166,331	2.40	3
Dera	35,035	24,474	36,542	1.04	208,494	3.80	3
Hidabu Abote	15,884	11,845	16,291	1.03	173,860	7.67	4
Kuyu	20,090	15,118	26,911	1.34	158,598	3.43	3
Degem	17,936	13,645	18,123	1.01	161,749	6.82	4
Gerar Jarso	13,163	11,714	19,115	1.45	144,636	4.60	3
Yaya Gulelena Debre Libano	16,566	13,697	24,312	1.47	201,371	4.68	4
Wuchalena Jido	22,017	18,526	29,774	1.35	273,209	5.80	5
Abichuna Gna'a	11,868	9,956	17,484	1.47	101,075	3.35	4
Kembibit	10,860	8,811	14,073	1.30	146,644	6.34	4
Berehna Aleltu	24,774	20,391	48,899	1.97	573,697	4.76	4
Mulona Sululta	23,810	21,017	40,916	1.72	371,101	4.77	4

TABLE 8.9A: - Number of Holders Reporting Plough-Beam Owned, Quantity Reported, Replacement Value, and Duration of Service of Plough-Beam, for Private Holdings. (Continued.)

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)
East Shewa Zone	314,966	233,933	326,978	1.04	5,067,246	11.43	5
Fentale	6,677	4,654	5,024	0.75	112,934	21.05	4
Boset	24,837	18,306	26,354	1.06	470,893	12.48	4
Adama	26,906	19,147	25,449	0.95	501,614	20.55	4
Lome	14,564	11,163	18,755	1.29	312,838	9.89	3
Gimbichu	15,569	12,916	26,173	1.68	436,778	8.56	4
Ada'a Liben Chukala	40,176	29,852	49,731	1.24	863,973	10.56	3
Dugda Bora	28,844	23,364	31,746	1.10	423,646	9.93	4
Adami Tullu Jido Kombolcha	23,794	17,464	21,253	0.89	210,362	8.05	4
Arsi Negele	26,584	19,603	24,355	0.92	294,080	9.65	5
Shashemene	46,108	30,135	35,720	0.77	552,618	12.95	6
Seraro	48,209	37,311	44,020	0.91	553,692	10.74	8
Akaki	12,696	10,017	18,397	1.45	333,817	10.24	3
Arsi Zone	493,007	379,097	611,610	1.24	5,835,335	6.06	5
Merti	22,750	17,445	27,151	1.19	440,261	10.38	5
Aseko	14,396	10,747	14,425	1.00	171,831	9.00	5
Gololcha	29,178	20,101	22,837	0.78	258,089	10.02	4
Jeju	22,217	16,974	24,146	1.09	314,246	9.13	4
Dodotana Sire	22,887	16,874	28,616	1.25	366,940	7.74	4
Zeway Dugda	21,200	16,491	21,538	1.02	236,728	8.41	5
Hitosa	39,229	30,751	55,687	1.42	500,390	4.95	4
Sude	25,501	20,737	31,899	1.25	368,179	7.56	6
Chole	15,918	12,711	19,503	1.23	236,692	8.00	4
Amigna	11,176	9,464	15,234	1.36	153,731	6.56	5
Seru	18,205	15,428	23,723	1.30	200,974	5.77	5
Robe	27,062	22,075	36,535	1.35	405,154	6.76	5
Tena	20,684	16,078	24,753	1.20	227,933	6.21	4
Sherka	26,405	21,479	37,608	1.42	333,510	5.15	6
Digeluna Tijo	22,181	17,422	34,995	1.58	198,551	2.69	4
Tiyo	15,978	11,909	22,676	1.42	182,622	4.20	3
Munesa	35,171	27,094	44,193	1.26	322,532	4.53	4
Bekoji	35,995	28,667	55,027	1.53	326,091	3.03	5
Gedeb	24,847	20,406	35,415	1.43	291,745	4.71	6
Kofele	42,028	26,247	35,650	0.85	299,139	6.04	6
West Harerge Zone	291,356	177,295	196,309	0.67	4,531,870	20.82	5
Mieso	16,400	13,521	14,626	0.89	531,090	33.68	4
Doba	22,768	17,319	19,396	0.85	348,610	15.98	7
Tulo	24,329	12,538	13,098	0.54	278,503	20.26	5
Mesela	25,840	8,179	8,738	0.34	108,019	11.40	4
Chiro	62,368	30,427	32,785	0.53	895,370	25.09	5
Goba Koricha	20,014	16,009	18,944	0.95	448,658	20.19	4
Anchar	13,430	10,856	12,345	0.92	191,395	13.47	4
Habro	30,386	17,515	21,143	0.70	496,804	19.09	4
Darolebu	26,978	21,112	22,954	0.85	325,292	13.04	3
Boke	22,144	13,684	15,000	0.68	319,590	19.79	5
Kuni	26,701	16,135	17,279	0.65	588,539	31.77	5
East Harerge Zone	387,193	121,931	128,234	0.33	1,450,731	10.80	5
Kombolcha	20,710	1,959	2,069	0.10	35,320	15.81	6
Jarso	17,052	4,714	4,993	0.29	57,809	10.77	4
Gursum	25,567	14,144	14,575	0.57	172,144	11.53	4
Babile	10,237	8,060	8,807	0.86	105,402	11.02	4
Fedis	24,565	13,603	14,121	0.57	147,742	10.16	5
Haro Maya	31,404	2,246	2,379	0.08	31,960	12.46	6
Kurfa Chele	7,122	2,108	2,228	0.31	22,715	9.68	6
Kersa	27,745	8,176	8,315	0.30	137,535	16.37	7

TABLE 8.9A: - Number of Holders Reporting Plough-Beam Owned, Quantity Reported, Replacement Value, and Duration of Service of Plough-Beam, for Private Holdings. (Continued.)

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)
East Harerge Zone							
Meta	43,775	15,624	16,397	0.37	153,552	8.91	6
Goro Gutu	25,718	11,199	11,930	0.46	145,001	11.33	5
Deder	38,265	13,434	14,381	0.38	157,178	10.17	5
Malka Balo	24,930	6,283	6,687	0.27	71,205	10.05	4
Bedeno	43,356	9,782	9,957	0.23	85,077	8.48	7
Girawa	38,886	4,777	4,836	0.12	46,604	9.55	7
Gola Oda	7,861	5,823	6,560	0.83	81,488	11.72	5
Bale Zone	259,058	172,712	256,510	0.99	2,375,692	6.10	4
Kokosa	23,375	1,106	1,347	0.06	10,567	6.05	6
Dodola	23,650	15,201	25,970	1.10	154,262	3.51	5
Adaba	19,856	15,130	26,892	1.35	173,724	3.66	4
Agarfa	13,146	10,964	17,612	1.34	182,389	6.27	5
Gasera	12,088	8,971	12,713	1.05	208,976	11.92	4
Gololcha	14,914	12,225	17,328	1.16	241,667	9.72	6
Legehida	8,094	6,867	7,585	0.94	50,350	5.93	3
Ginir	21,653	17,584	26,473	1.22	341,982	8.25	4
Sinanana Dinsho	24,988	20,928	36,593	1.46	302,695	4.60	5
Goba	7,183	5,995	9,426	1.31	69,103	4.63	4
Mennana Arena Buluk	19,198	11,944	13,384	0.70	82,649	5.57	4
Nensebo	14,169	1,467	2,203	0.16	11,608	3.59	4
Meda Welabu	12,557	9,675	10,838	0.86	80,721	6.49	4
Berbere	10,213	7,326	8,521	0.83	55,850	5.62	3
Guradamole	4,160	3,572	4,506	1.08	30,771	5.48	4
Goro	15,934	14,314	24,316	1.53	304,877	7.13	4
Raytu	6,168	3,890	4,341	0.70	26,005	5.41	3
Seweyna	7,711	5,552	6,460	0.84	47,500	6.22	3
Borena Zone	283,104	96,610	119,574	0.42	909,942	6.27	4
Uraga	42,623	7,022	7,953	0.19	51,857	5.76	4
Bore	30,433	14,513	15,642	0.51	106,279	6.30	4
Adolana Wadera	22,616	14,978	17,495	0.77	133,720	6.66	3
Odo Shakiso	14,015	3,771	3,952	0.28	43,293	10.56	4
Hager Mariam	86,116	11,922	15,168	0.18	100,931	5.68	4
Yabelo	10,081	6,444	9,663	0.96	93,061	6.61	4
Arero	3,331	1,693	2,248	0.67	17,767	5.90	3
Liben	14,844	9,765	11,868	0.80	103,379	7.35	3
Moyale	10,736	6,143	8,544	0.80	91,108	7.94	3
Dire	13,719	9,592	13,865	1.01	82,966	4.10	4
Teltele	7,361	5,396	7,263	0.99	28,972	3.03	3
Gelana Abaya	27,229	5,372	5,913	0.22	56,608	8.43	5

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)
Oromia Region	3,981,704	2,602,623	3,120,697	0.78	41,238,102	11.04	5
West Welega Zone	313,923	199,889	221,951	0.71	2,511,033	10.26	5
Mana Sibu	27,022	19,612	22,160	0.82	224,173	8.94	4
Nejo	17,916	12,794	14,975	0.84	108,503	6.43	3
Gimbi	17,096	10,364	11,118	0.65	113,773	9.68	3
Lalo Asabi	10,906	6,846	7,211	0.66	58,277	7.68	3
Boji	15,188	10,019	10,803	0.71	82,781	7.11	3
Ayra Guliso	16,371	11,379	12,788	0.78	108,247	7.51	5
Jarso	16,190	13,084	14,414	0.89	165,269	10.48	5
Gidami	13,636	8,099	8,849	0.65	130,271	13.42	7
Jimma Horo	6,869	5,171	5,972	0.87	65,765	9.91	5
Hawa Welel	17,315	10,364	11,804	0.68	178,040	13.29	7
Gawo Dale	23,820	16,390	18,072	0.76	238,576	12.04	5
Dale Sadi	11,117	7,512	8,335	0.75	79,688	8.65	6
Yubdo	5,640	4,066	4,594	0.81	46,469	8.94	5
Ganji	9,611	6,035	6,568	0.68	56,310	7.89	4
Haru	11,508	6,649	7,273	0.63	75,954	9.47	3
Nole Kaba	23,388	14,909	17,178	0.73	181,112	9.17	5
Lalo Kilie	7,900	5,656	6,293	0.80	58,467	8.25	4
Sayo	19,844	9,879	10,702	0.54	138,326	11.97	6
Anfilo	11,848	3,433	4,007	0.34	57,679	12.36	6
Begi	30,734	17,631	18,837	0.61	343,355	17.17	6
East Welega Zone	260,893	189,600	227,346	0.87	2,690,944	9.81	5
Limu	20,690	12,986	14,733	0.71	123,074	6.89	2
Ibantu	5,087	4,076	4,980	0.98	39,533	6.44	2
Gida Kiremu	22,168	15,370	18,161	0.82	208,891	9.56	4
Jarte	7,363	6,205	7,900	1.07	106,051	10.60	3
Amuru	7,739	6,152	7,755	1.00	107,731	11.00	3
Abe Dongoro	9,470	5,345	5,890	0.62	80,982	12.35	5
Jimma Horo	24,023	19,021	23,301	0.97	330,887	11.60	5
Abay Chomen	4,715	3,779	5,112	1.08	70,118	10.12	4
Guduru	21,520	16,159	21,231	0.99	260,140	9.48	4
Jimma Rare	7,738	5,940	7,137	0.92	101,131	11.71	5
Bila Seyo	13,470	9,704	11,327	0.84	156,090	11.70	6
Sibu Sire	15,203	11,332	13,278	0.87	188,805	12.29	7
Guto Wayu	28,487	19,648	22,449	0.79	250,273	9.75	6
Sasiga	11,346	7,328	8,047	0.71	78,801	8.87	6
Leka Dulecha	10,555	7,823	9,013	0.85	86,348	8.27	4
Diga	11,868	7,710	9,196	0.77	94,305	8.58	4
Jimma Arjo	13,333	9,877	11,724	0.88	122,500	8.96	5
Nunu Kumba	10,438	8,358	9,706	0.93	89,284	7.95	5
Wama Bonaya	15,680	12,789	16,405	1.05	196,001	9.38	6
Illibabor Zone	195,287	133,563	159,411	0.82	1,445,513	7.56	6
Darimu	22,324	13,836	16,805	0.75	144,323	6.90	6
Supena Sodo	13,139	8,645	10,025	0.76	83,420	7.13	6
Chora	19,554	13,206	15,437	0.79	136,263	7.47	6
Dega	10,191	7,764	9,712	0.95	81,708	6.76	4
Bedele	20,513	15,137	18,889	0.92	179,956	7.69	5
Gechi	10,893	8,370	9,729	0.89	88,822	7.81	5
Borecha Wereda	9,030	6,659	7,601	0.84	57,065	6.56	5
Dedesa	14,033	10,207	12,873	0.92	104,021	6.25	5
yayu	19,201	12,546	14,348	0.75	153,377	9.28	8
Metu	22,651	13,213	16,162	0.71	137,946	6.91	7

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. (Continued.)

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)
Illibabor Zone.....							
Ale	17,356	12,513	14,170	0.82	140,825	8.68	9
Bure	11,992	8,341	10,282	0.86	96,102	7.63	8
Nono	4,411	3,126	3,378	0.77	41,686	11.34	8
Jimma Zone	443,315	327,390	383,550	0.87	3,613,729	8.03	5
Limu Seka	29,245	24,263	27,537	0.94	245,262	7.91	4
Limu Kosa	45,921	35,756	43,392	0.94	391,675	7.51	5
Sokoru	25,586	19,616	23,689	0.93	223,593	7.85	4
Tiro Afeta	24,135	19,632	23,397	0.97	230,520	8.26	4
Kersa.....	29,474	25,937	31,038	1.05	297,896	8.03	4
Mana	27,816	16,469	17,358	0.62	141,683	7.58	6
Goma	49,523	26,453	30,187	0.61	267,927	7.75	5
Gera	20,803	16,834	19,031	0.91	207,359	9.60	7
Seka chekorsa.....	56,422	37,573	43,197	0.77	358,697	7.21	6
Dedo	54,035	43,137	50,503	0.93	427,008	7.30	5
Omonada	45,972	38,332	48,818	1.06	573,200	9.15	4
Sigmo.....	16,132	11,360	11,897	0.74	111,257	8.95	5
Setema	18,249	12,028	13,506	0.74	137,652	9.26	5
West Shewa Zone.....	502,591	367,450	458,170	0.91	5,530,309	9.63	6
Ginde Beret	33,630	25,100	29,920	0.89	358,125	9.92	6
Jeldu.....	33,701	24,824	27,973	0.83	396,819	12.64	6
Ambo.....	40,122	29,142	36,351	0.91	314,442	6.93	5
Cheliya.....	37,011	27,611	34,515	0.93	384,261	8.88	5
Bako Tibe	19,389	13,879	17,204	0.89	224,773	10.45	6
Dano	15,544	12,584	15,480	1.00	157,388	8.26	6
Nono	23,140	18,652	23,465	1.01	297,469	9.49	5
Tikur	12,596	7,473	7,897	0.63	72,630	8.67	6
Amaya	21,943	17,162	20,846	0.95	262,435	10.15	5
Wonchi	17,405	9,652	10,319	0.59	113,010	10.26	4
Dendi	37,106	26,223	32,382	0.87	373,694	9.21	8
Ejerie	15,219	11,400	14,998	0.99	185,728	9.50	9
Adda Berga.....	19,302	15,127	19,464	1.01	291,297	11.67	5
Walmara	17,073	12,890	18,337	1.07	197,002	7.75	6
Alem Gana.....	20,607	14,764	20,349	0.99	270,007	9.60	5
Kersana Kondaltiti	22,051	18,242	22,651	1.03	313,768	11.17	4
Tole.....	10,401	8,619	11,054	1.06	146,101	10.24	3
Elu	10,354	7,711	12,208	1.18	157,891	8.15	7
Dawo	13,068	10,692	14,922	1.14	184,712	8.99	7
Walisona Goro.....	35,633	21,252	25,507	0.72	287,796	9.39	6
Becho.....	11,294	9,108	13,289	1.18	168,266	8.73	5
Kokir.....	12,362	8,466	10,001	0.81	121,443	10.26	5
Meta Robi	23,639	16,876	19,039	0.81	251,253	11.79	6
North Shewa(Oromia) Zone.....	237,011	188,651	233,585	0.99	4,526,573	15.64	7
Wara Jarso	25,009	19,645	24,334	0.97	462,333	15.43	8
Dera	35,035	24,250	27,304	0.78	554,793	17.92	6
Hidabu Abote	15,884	11,812	13,101	0.82	239,408	16.48	8
Kuyu	20,090	15,467	18,209	0.91	305,824	14.39	6
Degem	17,936	13,666	15,571	0.87	278,360	15.70	7
Gerar Jarso.....	13,163	11,588	13,566	1.03	290,792	18.25	6
Yaya Gulelena Debre Libano.....	16,566	13,615	16,345	0.99	337,789	17.44	8
Wuchalena Jido	22,017	18,680	22,972	1.04	502,727	17.82	8
Abichuna Gna'a	11,868	10,061	12,473	1.05	153,738	9.86	11
Kembibit.....	10,860	8,676	11,087	1.02	208,532	14.70	7
Berehna Aleltu.....	24,774	20,384	30,655	1.24	589,176	12.69	8
Mulona Sululta	23,810	20,807	27,966	1.17	603,100	16.03	8

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. (Continued.)

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)
East Shewa Zone	314,966	232,254	295,881	0.94	3,674,021	9.62	3
Fentale	6,677	4,658	5,460	0.82	99,435	16.22	4
Boset	24,837	18,218	24,416	0.98	306,076	9.36	2
Adama	26,906	19,288	24,904	0.93	352,860	10.99	2
Lome	14,564	11,199	16,933	1.16	270,842	10.52	4
Gimbichu	15,569	12,887	17,288	1.11	342,444	14.78	6
Ada'a Liben Chukala	40,176	29,810	44,532	1.11	607,866	9.10	3
Dugda Bora	28,844	23,627	31,826	1.10	261,240	6.12	3
Adami Tullu Jido Kombolcha	23,794	16,489	19,561	0.82	114,620	4.88	2
Arsi Negele	26,584	19,857	22,928	0.86	283,291	10.53	3
Shashemene	46,108	29,497	33,307	0.72	437,690	11.62	2
Seraro	48,209	36,644	39,749	0.82	393,466	9.07	2
Akaki	12,696	10,080	14,976	1.18	204,191	9.17	5
Arsi Zone	493,007	377,121	472,365	0.96	6,163,348	10.53	6
Merti	22,750	17,595	21,740	0.96	460,069	16.99	6
Aseko	14,396	10,651	12,208	0.85	234,423	16.89	6
Gololcha	29,178	19,801	26,034	0.89	281,173	10.29	3
Jeju	22,217	16,961	19,755	0.89	380,005	16.40	4
Dodotana Sire	22,887	16,867	22,406	0.98	373,558	12.67	6
Zeway Dugda	21,200	16,851	21,329	1.01	212,696	7.81	3
Hitosa	39,229	30,649	39,139	1.00	580,333	11.56	5
Sude	25,501	19,908	22,569	0.89	295,576	11.53	5
Chole	15,918	12,555	14,774	0.93	269,086	15.36	6
Amigna	11,176	9,427	11,621	1.04	120,587	8.47	3
Seru	18,205	15,452	18,722	1.03	208,068	9.45	4
Robe	27,062	22,027	26,254	0.97	307,351	9.88	5
Tena	20,684	15,886	18,739	0.91	195,607	8.79	6
Sherka	26,405	21,363	25,865	0.98	305,631	9.81	9
Digeluna Tijo	22,181	17,010	23,447	1.06	234,663	7.21	7
Tiyo	15,978	11,987	16,154	1.01	213,393	9.77	6
Munesa	35,171	27,107	35,244	1.00	427,521	9.37	5
Bekoji	35,995	28,545	38,144	1.06	480,064	9.06	9
Gedeb	24,847	20,459	28,080	1.13	291,219	7.52	7
Kofele	42,028	26,020	30,141	0.72	292,325	8.24	5
West Harerge Zone	291,356	176,041	189,876	0.65	3,749,627	18.22	5
Mieso	16,400	13,302	14,218	0.87	285,792	18.83	3
Doba	22,768	17,126	18,482	0.81	376,548	18.22	8
Tulo	24,329	12,675	12,930	0.53	223,130	16.89	4
Mesela	25,840	8,111	8,290	0.32	147,110	17.29	6
Chiro	62,368	29,955	31,552	0.51	607,979	18.32	4
Goba Koricha	20,014	15,860	18,229	0.91	402,008	19.16	4
Anchar	13,430	10,729	11,298	0.84	306,481	26.15	5
Habro	30,386	17,162	20,509	0.67	407,899	16.33	4
Darolebu	26,978	21,267	22,442	0.83	310,838	13.19	3
Boke	22,144	13,460	14,445	0.65	298,681	19.36	8
Kuni	26,701	16,393	17,483	0.65	383,162	20.60	6
East Harerge Zone	387,193	144,659	155,307	0.40	2,260,757	13.59	6
Kombolcha	20,710	6,112	6,592	0.32	142,447	19.96	3
Jarso	17,052	4,625	5,016	0.29	86,898	15.82	6
Gursum	25,567	15,985	17,591	0.69	161,444	8.45	2
Babile	10,237	7,750	9,688	0.95	131,620	10.97	2
Fedis	24,565	12,662	13,473	0.55	193,789	13.36	8
Haro Maya	31,404	2,782	2,892	0.09	34,792	11.69	4
Kurfa Chele	7,122	2,872	3,004	0.42	59,558	19.19	8
Kersa	27,745	10,279	11,590	0.42	192,830	14.76	5

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. (Continued.)

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)
East Harerge Zone							
Meta	43,775	16,932	17,773	0.41	210,449	11.35	5
Goro Gutu	25,718	10,733	10,859	0.42	189,948	17.28	6
Deder	38,265	15,020	15,555	0.41	232,521	14.38	6
Malka Balo	24,930	5,930	6,381	0.26	117,883	16.98	7
Bedeno	43,356	20,024	21,345	0.49	295,433	13.09	10
Girawa	38,886	7,143	7,318	0.19	107,610	14.31	9
Gola Oda	7,861	5,810	6,230	0.79	103,535	15.47	10
Bale Zone	259,058	169,255	208,064	0.80	3,061,048	11.85	8
Kokosa	23,375	1,091	1,120	0.05	13,535	11.37	5
Dodola	23,650	14,827	20,283	0.86	201,848	7.21	6
Adaba	19,856	14,707	19,723	0.99	243,766	9.12	7
Agarfa	13,146	11,001	14,661	1.12	207,289	10.25	7
Gasera	12,088	8,947	11,048	0.91	219,660	16.09	6
Gololcha	14,914	12,002	14,746	0.99	247,771	13.36	10
Legehida	8,094	6,609	6,924	0.86	103,732	14.27	6
Ginir	21,653	17,742	21,537	0.99	379,826	14.25	8
Sinanana Dinsho	24,988	21,118	28,925	1.16	398,397	9.87	11
Goba	7,183	6,004	7,650	1.07	109,730	11.34	9
Mennana Arena Buluk	19,198	11,212	11,669	0.61	143,426	11.74	8
Nensebo	14,169	1,398	1,536	0.11	21,716	12.92	10
Meda Welabu	12,557	8,887	9,290	0.74	127,317	12.98	5
Berbere	10,213	7,132	7,475	0.73	125,391	16.12	8
Guradamole	4,160	3,488	3,693	0.89	49,575	12.64	7
Goro	15,934	14,292	18,628	1.17	335,078	13.45	9
Raytu	6,168	3,448	3,620	0.59	47,090	12.36	10
Seweyna	7,711	5,350	5,538	0.72	85,900	14.99	8
Borena Zone	283,104	96,750	115,191	0.41	2,011,200	15.05	6
Uruga	42,623	7,408	8,274	0.19	169,678	18.28	9
Bore	30,433	14,737	15,829	0.52	370,911	21.69	7
Adolana Wadera	22,616	15,591	18,000	0.80	343,305	16.98	5
Odo Shakiso	14,015	3,793	3,936	0.28	82,458	20.22	7
Hager Mariam	86,116	12,587	15,667	0.18	249,042	12.52	7
Yabelo	10,081	6,211	8,491	0.84	134,985	12.37	5
Arero	3,331	1,656	2,245	0.67	31,655	10.23	4
Liben	14,844	9,216	10,226	0.69	229,909	20.56	6
Moyale	10,736	6,192	8,041	0.75	106,961	10.40	3
Dire	13,719	9,604	13,256	0.97	143,618	7.79	5
Teltele	7,361	4,294	5,301	0.72	41,447	6.32	6
Gelana Abaya	27,229	5,460	5,926	0.22	107,231	16.73	9

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)
Oromia Region	3,981,704	2,561,628	3,040,310	0.76	14,529,949	4.04	5
West Welega Zone	313,923	196,304	216,324	0.69	1,249,352	5.26	5
Mana Sibu	27,022	19,454	21,553	0.80	128,012	5.40	4
Nejo	17,916	12,736	14,235	0.79	66,755	4.23	3
Gimbi	17,096	10,283	11,108	0.65	65,720	5.58	3
Lalo Asabi	10,906	6,790	7,212	0.66	36,251	4.74	3
Boji	15,188	10,028	11,097	0.73	47,911	4.01	3
Ayra Guliso	16,371	11,206	12,604	0.77	68,260	4.81	5
Jarso	16,190	13,069	14,393	0.89	84,852	5.29	5
Gidami	13,636	6,771	7,445	0.55	55,853	6.81	5
Jimma Horo	6,869	5,110	5,734	0.83	42,499	6.59	5
Hawa Welel	17,315	10,255	11,336	0.65	68,403	5.36	6
Gawo Dale	23,820	16,257	17,881	0.75	115,356	5.85	5
Dale Sadi	11,117	6,662	7,248	0.65	36,148	4.61	5
Yubdo	5,640	4,075	4,606	0.82	26,218	5.05	5
Ganji	9,611	6,009	6,619	0.69	33,731	4.66	4
Haru	11,508	6,648	7,108	0.62	40,441	5.34	4
Nole Kaba	23,388	15,002	17,155	0.73	107,431	5.52	5
Lalo Kilie	7,900	5,578	6,057	0.77	30,710	4.64	5
Sayo	19,844	9,785	10,562	0.53	50,595	4.50	5
Anfilo	11,848	3,418	3,818	0.32	26,562	6.16	6
Begi	30,734	17,168	18,553	0.60	117,645	5.96	5
East Welega Zone	260,893	189,136	226,138	0.87	1,177,559	4.22	4
Limu	20,690	12,949	14,295	0.69	50,684	3.17	2
Ibantu	5,087	4,093	4,787	0.94	16,670	2.96	2
Gida Kiremu	22,168	15,349	17,749	0.80	122,358	4.49	4
Jarte	7,363	6,244	7,701	1.05	53,824	5.67	3
Amuru	7,739	6,133	7,669	0.99	50,796	5.28	3
Abe Dongoro	9,470	5,286	5,641	0.60	31,140	5.13	5
Jimma Horo	24,023	18,999	23,826	0.99	152,291	5.17	4
Abay Chomen	4,715	3,776	5,198	1.10	40,226	5.61	4
Guduru	21,520	16,190	20,539	0.95	129,504	4.95	4
Jimma Rare	7,738	5,931	7,128	0.92	41,438	4.86	4
Bila Seyo	13,470	9,670	11,449	0.85	56,599	4.14	5
Sibu Sire	15,203	11,303	13,287	0.87	69,200	4.46	5
Guto Wayu	28,487	19,530	22,917	0.80	98,820	3.74	4
Sasiga	11,346	7,202	8,041	0.71	29,855	3.32	5
Leka Dulecha	10,555	7,810	8,956	0.85	32,314	3.14	3
Diga	11,868	7,722	9,302	0.78	37,986	3.46	3
Jimma Arjo	13,333	9,829	11,590	0.87	45,850	3.38	4
Nunu Kumba	10,438	8,385	9,511	0.91	36,038	3.32	4
Wama Bonaya	15,680	12,735	16,551	1.06	81,964	3.85	5
Illibabor Zone	195,287	131,842	155,645	0.80	662,814	3.60	5
Darimu	22,324	12,032	14,457	0.65	55,626	3.14	6
Supena Sodo	13,139	8,522	9,792	0.75	46,179	4.07	6
Chora	19,554	13,331	15,640	0.80	68,184	3.69	5
Dega	10,191	7,772	9,572	0.94	44,945	3.81	4
Bedele	20,513	15,055	18,543	0.90	86,709	3.76	4
Gechi	10,893	8,372	9,845	0.90	42,838	3.82	4
Borecha Wereda	9,030	6,670	7,581	0.84	30,202	3.52	4
Dedesa	14,033	10,291	12,578	0.90	51,356	3.35	5
yayu	19,201	12,572	14,457	0.75	80,627	4.82	7
Metu	22,651	13,183	15,515	0.68	51,155	2.81	6

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

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)
Illibabor Zone.....							
Ale	17,356	12,543	14,138	0.81	51,251	3.20	7
Bure	11,992	8,362	10,210	0.85	36,488	2.92	6
Nono	4,411	3,137	3,318	0.75	17,255	4.86	5
Jimma Zone	443,315	323,363	375,257	0.85	1,789,825	4.11	4
Limu Seka	29,245	24,208	27,168	0.93	130,442	4.29	4
Limu Kosa	45,921	35,875	42,622	0.93	185,965	3.59	5
Sokoru	25,586	19,636	24,173	0.94	89,303	3.09	3
Tiro Afeta	24,135	18,729	21,942	0.91	107,524	4.18	4
Kersa.....	29,474	24,988	29,967	1.02	137,017	3.80	3
Mana	27,816	15,659	16,645	0.60	67,331	3.82	5
Goma	49,523	26,254	30,128	0.61	134,407	3.82	4
Gera	20,803	16,796	19,438	0.93	128,681	5.83	6
Seka chekorsa.....	56,422	37,291	42,291	0.75	176,225	3.65	5
Dedo	54,035	42,542	47,324	0.88	197,721	3.75	4
Omonada	45,972	38,111	48,687	1.06	242,594	3.94	3
Sigmo.....	16,132	11,340	11,742	0.73	84,986	6.95	5
Setema	18,249	11,933	13,130	0.72	107,629	7.44	5
West Shewa Zone.....	502,591	366,341	449,122	0.89	2,037,988	3.75	5
Ginde Beret	33,630	25,037	29,493	0.88	130,704	3.79	5
Jeldu.....	33,701	24,665	27,608	0.82	167,101	5.39	5
Ambo.....	40,122	29,036	36,197	0.90	124,975	2.75	4
Cheliya.....	37,011	27,481	34,401	0.93	194,723	4.47	5
Bako Tibe	19,389	13,878	17,022	0.88	90,372	4.29	5
Dano	15,544	12,600	15,343	0.99	68,727	3.67	5
Nono	23,140	18,803	23,546	1.02	97,691	3.33	4
Tikur	12,596	7,534	8,923	0.71	29,474	2.97	4
Amaya	21,943	16,944	20,795	0.95	87,237	3.42	4
Wonchi	17,405	9,641	11,145	0.64	34,931	2.84	4
Dendi	37,106	26,078	31,496	0.85	137,158	3.57	6
Ejerie	15,219	11,281	14,109	0.93	61,816	3.52	7
Adda Berga.....	19,302	14,938	19,146	0.99	100,739	4.08	5
Walmara	17,073	12,859	17,544	1.03	70,352	2.91	5
Alem Gana.....	20,607	14,841	19,782	0.96	95,435	4.36	4
Kersana Kondaltiti	22,051	18,217	22,052	1.00	112,956	4.23	5
Tole.....	10,401	8,678	10,675	1.03	55,834	4.24	4
Elu	10,354	7,650	10,350	1.00	46,181	3.32	6
Dawo	13,068	10,651	13,110	1.00	58,097	3.59	5
Walisona Goro.....	35,633	20,982	25,223	0.71	79,955	2.73	4
Becho.....	11,294	9,139	12,263	1.09	50,843	3.05	4
Kokir.....	12,362	8,344	9,733	0.79	41,041	3.65	4
Meta Robi	23,639	17,064	19,168	0.81	101,646	4.78	6
North Shewa(Oromia) Zone.....	237,011	188,291	228,996	0.97	1,285,551	4.59	6
Wara Jarso	25,009	19,469	23,308	0.93	140,322	5.05	8
Dera	35,035	24,416	26,787	0.76	132,560	4.52	5
Hidabu Abote	15,884	11,915	13,080	0.82	72,332	5.02	6
Kuyu	20,090	15,284	17,487	0.87	96,173	4.82	6
Degem	17,936	13,458	15,102	0.84	85,043	5.04	6
Gerar Jarso.....	13,163	11,645	13,217	1.00	73,204	4.86	6
Yaya Gulelena Debre Libano..	16,566	13,620	16,361	0.99	89,776	4.50	6
Wuchalena Jido	22,017	18,530	22,455	1.02	125,400	4.62	6
Abichuna Gna'a	11,868	10,007	12,270	1.03	44,765	2.98	8
Kembibit.....	10,860	8,758	10,975	1.01	57,056	4.10	6
Berehna Aleltu.....	24,774	20,265	29,253	1.18	182,926	4.41	6
Mulona Sululta	23,810	20,924	28,701	1.21	185,993	4.69	7

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

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)
East Shewa Zone	314,966	229,990	291,569	0.93	1,103,265	2.97	3
Fentale	6,677	3,764	3,929	0.59	25,819	6.26	4
Boset	24,837	18,314	23,759	0.96	60,290	1.96	3
Adama	26,906	19,128	24,225	0.90	83,767	2.74	2
Lome	14,564	11,202	17,237	1.18	75,327	2.89	4
Gimbichu	15,569	12,838	17,234	1.11	97,794	4.19	6
Ada'a Liben Chukala	40,176	29,941	45,436	1.13	200,034	2.97	3
Dugda Bora	28,844	23,554	31,282	1.08	85,720	2.05	4
Adami Tullu Jido Kombolcha	23,794	16,709	19,188	0.81	49,014	2.21	3
Arsi Negele	26,584	19,585	22,539	0.85	84,946	3.21	4
Shashemene	46,108	29,918	33,878	0.73	132,621	3.50	3
Seraro	48,209	35,034	38,015	0.79	136,894	3.32	3
Akaki	12,696	10,003	14,848	1.17	71,039	3.24	4
Arsi Zone	493,007	377,042	461,520	0.94	2,059,827	3.64	5
Merti	22,750	17,454	20,956	0.92	153,035	5.97	6
Aseko	14,396	10,577	14,218	0.99	88,758	5.41	6
Gololcha	29,178	19,764	20,578	0.71	103,939	4.76	4
Jeju	22,217	16,967	19,190	0.86	120,729	5.54	4
Dodotana Sire	22,887	16,792	21,802	0.95	100,323	3.49	6
Zeway Dugda	21,200	16,657	20,520	0.97	70,712	2.82	4
Hitosa	39,229	30,576	38,544	0.98	171,970	3.53	6
Sude	25,501	20,147	22,548	0.88	107,561	4.18	4
Chole	15,918	12,608	14,510	0.91	108,211	6.19	5
Amigna	11,176	9,463	11,563	1.03	43,568	3.05	4
Seru	18,205	15,359	17,848	0.98	78,533	3.73	5
Robe	27,062	21,989	26,169	0.97	100,479	3.21	5
Tena	20,684	15,922	18,623	0.90	71,216	3.26	5
Sherka	26,405	21,307	25,021	0.95	102,070	3.40	8
Digeluna Tijo	22,181	17,190	22,398	1.01	83,527	2.86	7
Tiyo	15,978	11,941	15,971	1.00	65,973	3.12	6
Munesa	35,171	27,104	35,300	1.00	146,344	3.20	5
Bekoji	35,995	28,601	37,568	1.04	143,680	2.75	7
Gedeb	24,847	20,414	27,542	1.11	98,177	2.63	6
Kofele	42,028	26,209	30,651	0.73	101,022	2.79	4
West Harerge Zone	291,356	175,645	189,995	0.65	1,127,788	5.43	5
Mieso	16,400	13,628	14,595	0.89	99,099	6.33	4
Doba	22,768	16,953	18,732	0.82	107,363	5.23	8
Tulo	24,329	12,517	12,974	0.53	67,124	4.99	5
Mesela	25,840	7,542	7,903	0.31	41,388	5.04	4
Chiro	62,368	30,157	31,656	0.51	180,783	5.39	5
Goba Koricha	20,014	15,902	18,112	0.90	152,324	7.39	4
Anchar	13,430	10,758	11,228	0.84	65,413	5.55	4
Habro	30,386	17,516	20,773	0.68	131,442	5.06	5
Darolebu	26,978	21,037	22,367	0.83	96,116	4.04	5
Boke	22,144	13,459	14,544	0.66	81,870	5.17	6
Kuni	26,701	16,177	17,110	0.64	104,865	5.79	5
East Harerge Zone	387,193	116,133	122,547	0.32	612,117	4.75	5
Kombolcha	20,710	1,650	1,702	0.08	15,241	8.65	4
Jarso	17,052	4,484	5,053	0.30	31,074	5.77	5
Gursum	25,567	13,530	14,081	0.55	52,440	3.60	2
Babile	10,237	7,713	8,317	0.81	44,177	4.95	2
Fedis	24,565	13,107	13,490	0.55	73,741	5.30	6
Haro Maya	31,404	2,525	2,714	0.09	19,187	6.05	7
Kurfa Chele	7,122	1,964	1,994	0.28	24,324	12.02	8
Kersa	27,745	7,881	8,241	0.30	42,977	4.94	5

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

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)
East Harerge Zone							
Meta	43,775	14,569	16,161	0.37	58,553	3.39	4
Goro Gutu	25,718	10,786	10,904	0.42	42,718	3.85	4
Deder	38,265	12,512	13,286	0.35	55,218	3.88	5
Malka Balo	24,930	5,888	6,183	0.25	30,350	4.67	6
Beden	43,356	9,154	9,693	0.22	60,363	5.91	9
Girawa	38,886	4,709	4,758	0.12	27,557	5.74	8
Gola Oda	7,861	5,660	5,971	0.76	34,197	5.41	8
Bale Zone	259,058	170,334	205,817	0.79	835,149	3.37	6
Kokosa	23,375	1,053	1,109	0.05	4,265	3.59	5
Dodola	23,650	14,842	20,059	0.85	62,592	2.27	6
Adaba	19,856	14,616	19,171	0.97	68,628	2.72	6
Agarfa	13,146	11,075	15,721	1.20	60,156	2.91	6
Gasera	12,088	8,933	10,755	0.89	51,941	3.99	5
Gololcha	14,914	12,098	14,544	0.98	61,301	3.41	7
Legehida	8,094	6,719	6,988	0.86	32,262	4.44	5
Ginir	21,653	17,811	21,056	0.97	73,539	2.95	6
Sinanana Dinsho	24,988	21,030	27,691	1.11	111,852	3.04	7
Goba	7,183	5,971	7,270	1.01	30,233	3.39	7
Mennana Arena Buluk	19,198	11,304	11,738	0.61	48,945	4.02	7
Nensebo	14,169	1,369	1,517	0.11	6,929	4.31	8
Meda Welabu	12,557	9,503	10,073	0.80	42,111	3.85	4
Berbere	10,213	7,104	7,473	0.73	36,576	4.65	7
Guradamole	4,160	3,484	3,688	0.89	22,514	5.72	6
Goro	15,934	14,200	17,503	1.10	85,384	3.93	7
Raytu	6,168	3,686	3,818	0.62	15,581	3.94	7
Seweyna	7,711	5,534	5,646	0.73	20,341	3.55	6
Borena Zone	283,104	97,206	117,380	0.41	588,714	4.24	4
Uraga	42,623	7,462	8,327	0.20	55,935	6.13	5
Bore	30,433	14,696	15,587	0.51	91,767	5.53	5
Adolana Wadera	22,616	15,497	18,287	0.81	87,083	4.12	4
Odo Shakiso	14,015	3,258	3,363	0.24	18,433	5.22	5
Hager Mariam	86,116	12,393	15,962	0.19	74,433	3.67	4
Yabelo	10,081	6,147	8,193	0.81	39,286	3.65	4
Arero	3,331	1,692	2,372	0.71	11,496	3.50	4
Liben	14,844	9,408	10,423	0.70	56,215	4.88	4
Moyale	10,736	6,256	8,721	0.81	43,814	3.60	3
Dire	13,719	9,672	13,442	0.98	49,229	2.67	4
Teltele	7,361	5,227	6,659	0.90	23,183	2.76	4
Gelana Abaya	27,229	5,497	6,044	0.22	37,842	5.68	7

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)
Oromia Region	3,981,704	2,585,850	3,104,582	0.78	20,857,735	5.56	5
West Welega Zone	313,923	200,856	224,229	0.71	640,765	2.57	3
Mana Sibu	27,022	19,700	22,766	0.84	50,883	1.94	3
Nejo	17,916	12,788	14,503	0.81	28,804	1.74	3
Gimbi	17,096	10,263	10,980	0.64	39,973	3.43	3
Lalo Asabi	10,906	6,830	7,291	0.67	25,513	3.27	3
Boji	15,188	10,054	10,826	0.71	25,150	2.16	3
Ayra Guliso	16,371	11,188	12,447	0.76	34,147	2.47	3
Jarso	16,190	13,166	14,683	0.91	28,329	1.75	2
Gidami	13,636	8,252	9,313	0.68	31,741	3.01	3
Jimma Horo	6,869	5,261	6,204	0.90	16,076	2.14	2
Hawa Welel	17,315	10,613	12,321	0.71	39,134	2.73	3
Gawo Dale	23,820	16,583	18,896	0.79	52,109	2.42	2
Dale Sadi	11,117	7,590	8,482	0.76	17,560	1.84	3
Yubdo	5,640	4,071	4,587	0.81	13,431	2.60	3
Ganji	9,611	5,998	6,590	0.69	20,454	2.83	3
Haru	11,508	6,534	7,162	0.62	28,102	3.49	4
Nole Kaba	23,388	15,046	16,986	0.73	50,267	2.61	3
Lalo Kilie	7,900	5,716	6,420	0.81	14,591	2.00	3
Sayo	19,844	9,981	10,969	0.55	43,123	3.62	3
Anfilo	11,848	3,347	3,880	0.33	14,218	3.16	3
Begi	30,734	17,876	18,921	0.62	67,160	3.37	3
East Welega Zone	260,893	189,450	231,761	0.89	819,221	2.85	3
Limu	20,690	12,312	13,841	0.67	37,877	2.41	2
Ibantu	5,087	4,083	4,780	0.94	10,415	1.88	2
Gida Kiremu	22,168	15,417	18,285	0.82	56,738	2.62	2
Jarte	7,363	6,143	7,874	1.07	28,555	2.82	3
Amuru	7,739	6,100	7,952	1.03	30,235	2.90	2
Abe Dongoro	9,470	5,367	6,136	0.65	23,979	3.41	3
Jimma Horo	24,023	19,167	24,214	1.01	106,395	3.46	4
Abay Chomen	4,715	3,763	5,100	1.08	22,673	3.27	3
Guduru	21,520	16,127	21,046	0.98	96,985	3.42	3
Jimma Rare	7,738	5,972	7,518	0.97	38,069	3.99	3
Bila Seyo	13,470	9,667	11,800	0.88	37,659	2.59	2
Sibu Sire	15,203	11,229	13,376	0.88	49,004	3.10	3
Guto Wayu	28,487	20,139	23,627	0.83	71,146	2.56	3
Sasiga	11,346	7,205	8,145	0.72	25,487	2.76	3
Leka Dulecha	10,555	7,851	9,501	0.90	26,980	2.33	3
Diga	11,868	7,809	9,405	0.79	33,644	2.94	3
Jimma Arjo	13,333	9,858	12,398	0.93	31,885	2.04	3
Nunu Kumba	10,438	8,410	10,123	0.97	28,444	2.31	3
Wama Bonaya	15,680	12,830	16,640	1.06	63,052	2.91	4
Illibabor Zone	195,287	134,462	158,747	0.81	376,808	2.00	3
Darimu	22,324	13,789	16,824	0.75	33,321	1.58	3
Supena Sodo	13,139	8,762	9,950	0.76	18,801	1.66	3
Chora	19,554	13,370	15,726	0.80	38,573	2.06	3
Dega	10,191	7,862	9,821	0.96	20,783	1.70	2
Bedele	20,513	15,306	18,372	0.90	46,792	2.12	2
Gechi	10,893	8,362	9,523	0.87	22,134	2.02	2
Borecha Wereda	9,030	6,694	7,808	0.86	17,101	1.88	2
Dedesa	14,033	10,098	12,671	0.90	35,003	2.06	2
yayu	19,201	12,510	14,115	0.74	44,302	2.70	3
Metu	22,651	13,141	14,712	0.65	37,261	2.23	3

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

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)
Illibabor Zone.....							
Ale	17,356	12,912	15,608	0.90	35,809	2.05	3
Bure	11,992	8,427	10,145	0.85	20,122	1.63	3
Nono	4,411	3,228	3,472	0.79	6,807	1.81	3
Jimma Zone	443,315	327,366	388,388	0.88	1,245,074	2.66	3
Limu Seka	29,245	24,343	27,401	0.94	96,012	3.05	3
Limu Kosa	45,921	35,516	41,273	0.90	168,794	3.47	3
Sokoru	25,586	19,555	23,390	0.91	73,696	2.61	3
Tiro Afeta	24,135	19,625	23,278	0.96	78,464	2.87	2
Kersa.....	29,474	25,860	30,689	1.04	114,759	3.13	2
Mana	27,816	16,241	17,531	0.63	56,145	2.97	3
Goma	49,523	26,643	31,234	0.63	100,297	2.75	2
Gera	20,803	16,853	20,118	0.97	75,756	3.13	2
Seka chekorsa.....	56,422	37,495	44,653	0.79	125,616	2.35	3
Dedo	54,035	43,376	52,551	0.97	136,944	1.98	2
Omonada	45,972	38,264	50,451	1.10	155,117	2.30	3
Sigmo.....	16,132	11,490	12,206	0.76	29,611	2.29	2
Setema	18,249	12,107	13,614	0.75	33,864	2.21	2
West Shewa Zone.....	502,591	366,701	452,864	0.90	3,385,144	5.97	5
Ginde Beret	33,630	25,278	30,474	0.91	183,285	4.98	5
Jeldu.....	33,701	24,683	28,839	0.86	196,349	5.77	5
Ambo.....	40,122	28,885	36,385	0.91	203,892	4.37	5
Cheliya.....	37,011	27,748	35,291	0.95	175,314	3.82	4
Bako Tibe	19,389	14,169	17,515	0.90	61,496	2.82	3
Dano	15,544	12,594	15,752	1.01	59,140	2.96	4
Nono	23,140	18,703	23,320	1.01	113,290	3.73	4
Tikur	12,596	7,570	8,130	0.65	43,844	5.04	4
Amaya	21,943	17,154	21,488	0.98	109,817	4.04	3
Wonchi	17,405	9,694	10,310	0.59	62,594	5.66	5
Dendi	37,106	26,259	32,143	0.87	221,452	5.57	6
Ejerie	15,219	11,264	14,602	0.96	126,996	6.62	7
Adda Berga.....	19,302	14,995	19,371	1.00	173,577	7.01	5
Walmara	17,073	12,653	17,595	1.03	181,482	7.31	6
Alem Gana.....	20,607	14,638	19,753	0.96	219,096	8.18	6
Kersana Kondaltiti	22,051	18,218	22,640	1.03	225,619	7.94	5
Tole.....	10,401	8,616	10,685	1.03	190,344	14.25	5
Elu	10,354	7,605	9,880	0.95	130,354	10.21	7
Dawo	13,068	10,594	12,924	0.99	153,599	9.74	6
Walisona Goro.....	35,633	20,998	24,559	0.69	171,163	5.97	6
Becho.....	11,294	8,937	11,427	1.01	165,022	11.37	7
Kokir.....	12,362	8,482	9,924	0.80	78,804	6.66	5
Meta Robi.....	23,639	16,964	19,858	0.84	138,616	6.02	6
North Shewa(Oromia) Zone.....	237,011	188,716	242,238	1.02	1,802,597	5.72	6
Wara Jarso	25,009	19,614	24,743	0.99	145,094	4.74	6
Dera	35,035	24,614	28,934	0.83	142,206	4.21	4
Hidabu Abote	15,884	11,787	13,328	0.84	78,426	5.17	5
Kuyu	20,090	15,219	18,823	0.94	97,496	4.19	5
Degem	17,936	13,458	15,902	0.89	112,887	5.96	6
Gerar Jarso.....	13,163	11,664	14,323	1.09	111,767	6.44	6
Yaya Gulelena Debre Libano....	16,566	13,694	17,366	1.05	143,395	6.61	7
Wuchalena Jido	22,017	18,620	23,420	1.06	221,083	7.51	7
Abichuna Gna'a	11,868	10,021	12,764	1.08	84,739	5.19	8
Kembibit.....	10,860	8,756	11,064	1.02	102,987	7.28	6
Berehna Aleltu	24,774	20,458	30,508	1.23	286,786	6.19	6
Mulona Sululta	23,810	20,810	31,062	1.30	275,729	5.96	6

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

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)
East Shewa Zone	314,966	233,768	296,220	0.94	2,964,008	7.91	6
Fentale	6,677	4,652	4,880	0.73	76,333	14.99	4
Boset	24,837	18,370	23,950	0.96	264,111	8.57	8
Adama	26,906	19,475	24,148	0.90	305,242	10.31	6
Lome	14,564	11,215	17,166	1.18	171,551	6.52	6
Gimbichu	15,569	12,926	17,999	1.16	194,171	7.68	8
Ada'a Liben Chukala	40,176	29,860	43,766	1.09	457,840	7.25	5
Dugda Bora	28,844	23,523	31,090	1.08	183,463	4.45	6
Adami Tullu Jido Kombolcha	23,794	17,740	20,847	0.88	174,972	6.89	6
Arsi Negele	26,584	19,503	22,648	0.85	226,979	8.66	7
Shashemene	46,108	29,632	33,302	0.72	333,120	8.89	6
Seraro	48,209	36,864	41,628	0.86	401,907	8.55	7
Akaki	12,696	10,007	14,797	1.17	174,318	8.05	6
Arsi Zone	493,007	377,234	468,738	0.95	3,946,589	6.72	8
Merti	22,750	17,323	20,757	0.91	155,982	6.33	7
Aseko	14,396	10,527	12,341	0.86	80,946	5.56	5
Gololcha	29,178	20,002	21,268	0.73	142,009	6.32	5
Jeju	22,217	16,943	19,281	0.87	197,159	8.83	5
Dodotana Sire	22,887	16,538	21,247	0.93	236,380	8.62	10
Zeway Dugda	21,200	16,457	20,086	0.95	205,001	8.38	9
Hitosa	39,229	30,276	38,848	0.99	446,505	8.97	10
Sude	25,501	20,560	23,937	0.94	152,577	5.43	7
Chole	15,918	12,619	14,887	0.94	123,106	7.00	7
Amigna	11,176	9,497	11,903	1.07	85,366	5.73	7
Seru	18,205	15,381	18,083	0.99	129,310	6.09	8
Robe	27,062	22,229	26,415	0.98	201,269	6.43	8
Tena	20,684	16,027	18,989	0.92	139,324	6.08	7
Sherka	26,405	21,122	25,612	0.97	211,808	6.78	10
Digeluna Tijo	22,181	17,291	23,768	1.07	181,201	5.43	8
Tiyo	15,978	11,844	15,674	0.98	184,530	8.87	7
Munesa	35,171	27,155	35,990	1.02	301,065	6.37	7
Bekoji	35,995	28,312	39,914	1.11	282,756	4.85	9
Gedeb	24,847	20,333	27,936	1.12	218,212	5.63	8
Kofele	42,028	26,801	31,803	0.76	272,082	7.14	9
West Harerge Zone	291,356	177,054	189,191	0.65	2,474,996	12.23	6
Mieso	16,400	13,591	14,530	0.89	226,692	14.54	4
Doba	22,768	16,898	18,144	0.80	189,298	9.71	8
Tulo	24,329	12,574	12,986	0.53	178,092	13.18	6
Mesela	25,840	8,066	8,322	0.32	75,370	8.81	5
Chiro	62,368	29,910	30,890	0.50	467,058	14.68	6
Goba Koricha	20,014	15,973	17,533	0.88	235,142	12.28	5
Anchar	13,430	10,819	11,539	0.86	102,911	8.36	4
Habro	30,386	17,480	20,550	0.68	254,963	10.23	7
Darolebu	26,978	21,216	22,238	0.82	214,382	9.20	4
Boke	22,144	13,858	14,910	0.67	204,714	12.82	5
Kuni	26,701	16,671	17,550	0.66	326,374	17.70	5
East Harerge Zone	387,193	120,673	125,158	0.32	1,047,297	8.04	5
Kombolcha	20,710	1,848	2,010	0.10	26,386	12.15	6
Jarso	17,052	4,526	4,687	0.27	42,470	8.59	5
Gursum	25,567	14,198	14,746	0.58	128,171	8.40	4
Babile	10,237	8,106	8,752	0.85	80,607	8.49	4
Fedis	24,565	13,439	13,920	0.57	123,462	8.55	5
Haro Maya	31,404	2,243	2,331	0.07	22,066	9.19	6
Kurfa Chele	7,122	2,080	2,127	0.30	16,567	7.61	6
Kersa	27,745	8,237	8,380	0.30	83,368	9.75	6

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

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)
East Harerge Zone							
Meta	43,775	14,999	15,594	0.36	99,290	6.14	5
Goro Gutu	25,718	11,247	11,507	0.45	93,040	7.90	4
Deder	38,265	12,780	13,482	0.35	110,534	7.74	5
Malka Balo	24,930	6,361	6,638	0.27	63,875	9.26	5
Bedeno	43,356	9,778	9,778	0.23	67,031	6.86	7
Girawa	38,886	4,975	5,034	0.13	36,959	6.78	7
Gola Oda	7,861	5,854	6,169	0.78	53,470	8.34	4
Bale Zone	259,058	172,594	209,062	0.81	1,420,070	5.51	6
Kokosa	23,375	1,053	1,273	0.05	11,109	7.14	6
Dodola	23,650	15,026	20,583	0.87	117,091	4.19	7
Adaba	19,856	15,134	19,948	1.00	121,315	4.52	6
Agarfa	13,146	11,054	14,104	1.07	105,214	5.67	7
Gasera	12,088	8,896	10,765	0.89	111,525	8.62	6
Gololcha	14,914	12,112	14,597	0.98	102,500	5.74	8
Legehida	8,094	6,852	7,196	0.89	35,087	4.65	3
Ginir	21,653	17,587	20,973	0.97	149,834	5.83	6
Sinanana Dinsho	24,988	21,206	27,518	1.10	220,171	6.14	9
Goba	7,183	5,919	7,354	1.02	60,165	6.51	8
Mennana Arena Buluk	19,198	11,886	12,809	0.67	62,676	4.52	5
Nensebo	14,169	1,479	1,750	0.12	9,104	4.32	5
Meda Welabu	12,557	9,770	10,773	0.86	51,909	4.32	4
Berbere	10,213	7,379	7,998	0.78	45,164	5.35	5
Guradamole	4,160	3,547	3,986	0.96	23,332	5.14	4
Goro	15,934	14,316	17,470	1.10	143,622	6.56	6
Raytu	6,168	3,688	3,975	0.64	18,901	4.52	4
Seweyna	7,711	5,690	5,989	0.78	31,352	4.96	5
Borena Zone	283,104	96,977	117,986	0.42	735,166	5.26	4
Uraga	42,623	7,016	7,881	0.18	40,898	4.58	4
Bore	30,433	14,692	15,728	0.52	133,278	7.95	4
Adolana Wadera	22,616	14,989	17,516	0.77	108,230	5.44	4
Odo Shakiso	14,015	3,793	4,111	0.29	32,073	7.40	4
Hager Mariam	86,116	11,934	15,007	0.17	82,933	4.62	3
Yabelo	10,081	6,512	9,185	0.91	58,813	4.59	4
Arero	3,331	1,768	2,439	0.73	13,558	4.17	3
Liben	14,844	9,741	11,649	0.78	76,618	5.61	3
Moyale	10,736	6,172	8,048	0.75	68,739	6.65	3
Dire	13,719	9,675	13,611	0.99	59,113	3.05	4
Teltele	7,361	5,348	6,968	0.95	21,667	2.44	3
Gelana Abaya	27,229	5,337	5,842	0.21	39,246	5.99	5

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)
Oromia Region	3,981,704	3,039,059	4,653,886	1.17	43,156,448	6.49	6
West Welega Zone	313,923	255,311	421,259	1.34	2,345,145	3.53	5
Mana Sibu	27,022	21,831	41,479	1.54	251,493	3.37	5
Nejo	17,916	16,425	34,879	1.95	84,600	1.14	4
Gimbi	17,096	13,909	21,699	1.27	99,166	2.91	4
Lalo Asabi	10,906	8,088	12,794	1.17	64,380	3.39	4
Boji	15,188	13,084	24,400	1.61	91,712	2.15	4
Ayra Guliso	16,371	14,070	19,807	1.21	127,341	4.62	4
Jarso	16,190	14,983	30,829	1.90	147,550	2.29	5
Gidami	13,636	11,611	18,940	1.39	115,769	3.69	5
Jimma Horo	6,869	6,141	9,567	1.39	60,742	4.06	6
Hawa Welel	17,315	13,520	18,793	1.09	139,548	6.29	6
Gawo Dale	23,820	19,874	29,980	1.26	198,733	4.43	5
Dale Sadi	11,117	9,942	14,194	1.28	74,370	3.73	5
Yubdo	5,640	5,116	8,123	1.44	51,216	3.99	5
Ganji	9,611	7,260	10,895	1.13	69,716	4.48	5
Haru	11,508	8,666	14,799	1.29	72,935	2.84	5
Nole Kaba	23,388	20,706	33,553	1.43	183,972	3.36	5
Lalo Kilie	7,900	6,538	9,729	1.23	45,480	3.10	4
Sayo	19,844	13,101	17,566	0.89	128,341	5.57	5
Anfilo	11,848	5,354	8,720	0.74	68,206	5.02	5
Begi	30,734	25,090	40,515	1.32	269,875	4.05	5
East Welega Zone	260,893	234,349	483,800	1.85	2,390,672	2.38	5
Limu	20,690	18,656	37,547	1.81	211,091	2.54	4
Ibantu	5,087	4,929	11,552	2.27	63,717	2.30	4
Gida Kiremu	22,168	20,239	48,424	2.18	212,811	1.83	4
Jarte	7,363	6,888	17,236	2.34	106,869	2.53	4
Amuru	7,739	7,283	18,756	2.42	67,322	1.42	4
Abe Dongoro	9,470	8,205	15,500	1.64	105,091	3.65	6
Jimma Horo	24,023	21,702	42,350	1.76	279,063	3.38	5
Abay Chomen	4,715	4,216	9,026	1.91	80,579	4.17	5
Guduru	21,520	20,034	39,625	1.84	262,499	3.38	5
Jimma Rare	7,738	7,325	12,804	1.65	69,417	3.09	5
Bila Seyo	13,470	11,904	21,493	1.60	90,872	2.32	5
Sibu Sire	15,203	13,408	27,175	1.79	117,668	2.13	5
Guto Wayu	28,487	24,505	48,909	1.72	174,488	1.80	5
Sasiga	11,346	8,925	16,625	1.47	87,635	2.88	6
Leka Dulecha	10,555	9,905	20,323	1.93	66,296	1.52	5
Diga	11,868	10,637	20,805	1.75	91,203	2.27	5
Jimma Arjo	13,333	11,753	26,218	1.97	97,303	1.56	5
Nunu Kumba	10,438	9,654	19,485	1.87	53,717	1.35	5
Wama Bonaya	15,680	14,181	29,946	1.91	153,031	2.36	5
Illibabor Zone	195,287	148,720	212,702	1.09	979,032	3.21	6
Darimu	22,324	16,568	20,696	0.93	95,133	3.66	6
Supena Sodo	13,139	11,430	16,757	1.28	63,088	2.50	6
Chora	19,554	17,302	24,562	1.26	118,086	3.33	6
Dega	10,191	9,540	17,269	1.69	58,275	1.99	4
Bedele	20,513	15,309	25,927	1.26	107,956	2.34	5
Gechi	10,893	9,880	15,926	1.46	63,914	2.47	5
Borecha Wereda	9,030	7,965	11,615	1.29	53,450	3.14	5
Dedesa	14,033	11,138	16,623	1.18	86,070	3.50	6
yayu	19,201	14,326	18,948	0.99	130,566	5.14	7
Metu	22,651	14,827	18,543	0.82	69,442	2.89	7

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

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 Sickle (Birr)	Average Duration of Service of Sickle (Years)
Illibabor Zone.....							
Ale.....	17,356	10,886	13,866	0.80	82,533	4.54	9
Bure.....	11,992	8,222	10,385	0.87	41,982	3.14	8
Nono.....	4,411	1,327	1,584	0.36	8,537	4.49	8
Jimma Zone.....	443,315	341,254	450,997	1.02	4,897,882	8.41	6
Limu Seka.....	29,245	24,065	37,084	1.27	240,666	4.55	4
Limu Kosa.....	45,921	34,914	46,480	1.01	515,689	8.58	6
Sokoru.....	25,586	22,537	35,643	1.39	406,716	7.91	5
Tiro Afeta.....	24,135	20,657	30,420	1.26	289,396	6.59	5
Kersa.....	29,474	25,567	33,091	1.12	563,483	13.11	6
Mana.....	27,816	17,848	20,913	0.75	245,493	9.98	7
Goma.....	49,523	30,566	37,654	0.76	311,030	6.80	6
Gera.....	20,803	16,782	22,276	1.07	189,621	6.33	5
Seka chekorsa.....	56,422	39,790	49,812	0.88	556,320	9.28	7
Dedo.....	54,035	41,840	49,159	0.91	618,301	10.49	6
Omonada.....	45,972	38,678	51,921	1.13	750,144	10.86	5
Sigmo.....	16,132	12,908	17,027	1.06	102,897	4.47	4
Setema.....	18,249	15,102	19,517	1.07	108,126	4.29	4
West Shewa Zone.....	502,591	450,129	839,782	1.67	6,231,988	4.22	5
Ginde Beret.....	33,630	30,993	65,392	1.94	326,979	2.39	6
Jeldu.....	33,701	31,055	56,792	1.69	357,601	3.75	5
Ambo.....	40,122	35,831	66,389	1.65	383,299	3.21	5
Cheliya.....	37,011	34,243	65,988	1.78	349,206	2.71	6
Bako Tibe.....	19,389	17,255	32,067	1.65	150,869	2.52	6
Dano.....	15,544	13,891	27,116	1.74	145,389	2.88	5
Nono.....	23,140	20,872	33,108	1.43	325,931	6.20	5
Tikur.....	12,596	10,845	13,802	1.10	102,532	5.78	5
Amaya.....	21,943	19,900	32,241	1.47	455,665	9.12	5
Wonchi.....	17,405	15,279	21,018	1.21	231,665	8.03	4
Dendi.....	37,106	33,934	66,295	1.79	367,013	2.95	6
Ejerie.....	15,219	13,130	29,804	1.96	182,627	2.75	6
Adda Berga.....	19,302	17,882	37,679	1.95	236,478	3.04	5
Walmarra.....	17,073	15,635	33,698	1.97	244,910	3.32	5
Alem Gana.....	20,607	17,835	33,641	1.63	354,980	5.90	5
Kersana Kondaltiti.....	22,051	18,866	27,983	1.27	455,238	11.31	5
Tole.....	10,401	8,963	13,303	1.28	222,932	11.36	3
Elu.....	10,354	8,682	17,791	1.72	159,571	4.41	5
Dawo.....	13,068	11,756	22,427	1.72	145,258	3.54	5
Walisona Goro.....	35,633	30,727	62,006	1.74	456,438	3.66	4
Becho.....	11,294	10,003	18,698	1.66	198,221	5.96	5
Kokir.....	12,362	11,159	17,468	1.41	166,374	6.44	4
Meta Robi.....	23,639	21,393	45,079	1.91	212,813	2.24	6
North Shewa(Oromia) Zone.....	237,011	222,014	460,630	1.94	3,618,389	3.75	5
Wara Jarso.....	25,009	23,867	51,329	2.05	286,851	2.60	6
Dera.....	35,035	32,863	57,335	1.64	237,437	2.38	5
Hidabu Abote.....	15,884	14,796	26,404	1.66	137,999	2.93	6
Kuyu.....	20,090	18,706	38,083	1.90	175,927	2.25	6
Degem.....	17,936	16,953	32,904	1.83	188,614	3.05	6
Gerar Jarso.....	13,163	12,618	28,794	2.19	187,004	2.86	5
Yaya Gulelena Debre Libano.....	16,566	15,585	34,796	2.10	218,270	2.83	6
Wuchalena Jido.....	22,017	20,870	51,365	2.33	461,108	3.80	6
Abichuna Gna'a.....	11,868	11,323	27,482	2.32	229,628	3.44	6
Kembibit.....	10,860	9,962	20,585	1.90	320,003	7.49	4
Berehna Aleltu.....	24,774	22,351	45,685	1.84	741,660	7.89	4
Mulona Sululta.....	23,810	22,118	45,869	1.93	433,888	4.59	7

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

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)
East Shewa Zone	314,966	214,232	298,381	0.95	3,603,415	8.78	5
Fentale	6,677	4,540	6,148	0.92	91,887	11.04	4
Boset	24,837	15,615	20,282	0.82	251,616	9.67	5
Adama	26,906	19,991	30,794	1.14	420,447	9.51	4
Lome	14,564	11,338	18,040	1.24	284,511	9.94	7
Gimbichu	15,569	13,021	20,109	1.29	341,765	10.96	4
Ada'a Liben Chukala	40,176	32,217	55,936	1.39	656,902	7.55	5
Dugda Bora	28,844	23,904	32,780	1.14	247,711	5.41	5
Adami Tullu Jido Kombolcha	23,794	12,213	14,717	0.62	100,636	5.42	4
Arsi Negele	26,584	16,863	19,217	0.72	256,419	11.76	5
Shashemene	46,108	28,345	32,307	0.70	408,611	11.16	4
Seraro	48,209	25,334	30,017	0.62	249,989	7.29	5
Akaki	12,696	10,851	18,035	1.42	292,923	9.88	4
Arsi Zone	493,007	407,590	573,916	1.16	7,810,860	9.78	6
Merti	22,750	19,608	27,742	1.22	441,233	11.07	6
Aseko	14,396	11,553	15,836	1.10	241,303	11.21	7
Gololcha	29,178	20,104	21,910	0.75	328,461	13.74	6
Jeju	22,217	17,687	22,526	1.01	368,061	12.81	4
Dodotana Sire	22,887	18,554	25,363	1.11	421,177	12.10	5
Zeway Dugda	21,200	17,001	21,923	1.03	251,368	8.98	6
Hitosa	39,229	33,114	46,639	1.19	748,768	11.36	5
Sude	25,501	21,422	27,177	1.07	441,618	12.77	4
Chole	15,918	13,260	19,774	1.24	307,753	10.80	6
Amigna	11,176	8,964	12,300	1.10	164,524	9.73	4
Seru	18,205	13,335	18,501	1.02	262,661	10.36	5
Robe	27,062	23,002	30,647	1.13	444,475	11.04	4
Tena	20,684	17,567	23,675	1.14	263,490	8.28	5
Sherka	26,405	20,978	30,297	1.15	364,521	8.41	8
Digeluna Tijo	22,181	19,428	31,525	1.42	371,061	7.29	7
Tiyo	15,978	13,214	19,835	1.24	318,353	10.75	5
Munesa	35,171	29,865	43,833	1.25	684,179	10.84	7
Bekoji	35,995	32,017	50,936	1.42	519,336	6.52	7
Gedeb	24,847	22,410	32,948	1.33	401,139	8.18	7
Kofele	42,028	34,507	50,529	1.20	467,379	6.36	6
West Harerge Zone	291,356	209,702	230,890	0.79	4,010,903	15.83	6
Mieso	16,400	8,232	9,824	0.60	177,007	15.20	5
Doba	22,768	18,254	20,765	0.91	330,426	13.97	8
Tulo	24,329	21,696	24,751	1.02	327,293	11.53	5
Mesela	25,840	15,370	16,057	0.62	253,392	15.08	6
Chiro	62,368	46,642	49,132	0.79	901,470	17.54	6
Goba Koricha	20,014	11,340	13,313	0.67	259,183	16.84	6
Anchar	13,430	11,594	12,730	0.95	243,055	17.51	7
Habro	30,386	21,714	25,171	0.83	470,386	15.98	6
Darolebu	26,978	18,012	18,770	0.70	349,270	17.93	6
Boke	22,144	14,496	15,476	0.70	247,379	14.94	5
Kuni	26,701	22,351	24,901	0.93	452,041	16.40	5
East Harerge Zone	387,193	216,499	233,994	0.60	2,503,744	9.95	6
Kombolcha	20,710	16,330	17,769	0.86	241,787	12.55	4
Jarso	17,052	10,741	11,771	0.69	116,436	8.84	5
Gursum	25,567	12,527	14,521	0.57	147,086	8.61	6
Babile	10,237	1,122	1,277	0.12	13,967	9.91	6
Fedis	24,565	1,570	1,630	0.07	17,150	10.09	8
Haro Maya	31,404	15,919	18,896	0.60	150,144	6.77	6
Kurfa Chele	7,122	4,377	4,647	0.65	71,121	14.36	8
Kersa	27,745	20,335	22,296	0.80	244,728	10.10	5

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

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)
East Harerge Zone							
Meta	43,775	28,458	31,248	0.71	302,191	9.02	6
Goro Gutu	25,718	12,707	13,385	0.52	131,760	9.37	7
Deder	38,265	25,867	27,118	0.71	280,589	9.81	6
Malka Balo	24,930	13,346	13,994	0.56	202,709	13.72	8
Bedeno	43,356	27,664	29,117	0.67	322,544	10.51	8
Girawa	38,886	23,800	24,417	0.63	235,478	9.55	8
Gola Oda	7,861	1,735	1,909	0.24	26,053	12.18	9
Bale Zone	259,058	193,360	257,839	1.00	3,116,405	9.02	7
Kokosa	23,375	6,095	7,314	0.31	58,829	6.41	6
Dodola	23,650	18,430	26,525	1.12	266,800	6.99	7
Adaba	19,856	16,576	24,800	1.25	274,292	7.33	6
Agarfa	13,146	10,623	15,394	1.17	185,652	8.17	6
Gasera	12,088	9,584	12,378	1.02	220,043	13.61	5
Gololcha	14,914	11,966	16,830	1.13	252,507	10.53	9
Legehida	8,094	5,465	6,044	0.75	100,504	14.99	6
Ginir	21,653	17,517	22,429	1.04	346,122	11.91	7
Sinanana Dinsho	24,988	21,688	32,290	1.29	316,609	6.33	8
Goba	7,183	6,337	9,127	1.27	92,150	7.06	7
Mennana Arena Buluk	19,198	15,825	19,360	1.01	176,285	7.37	7
Nensebo	14,169	8,551	9,948	0.70	106,354	9.17	9
Meda Welabu	12,557	10,458	12,835	1.02	118,169	7.45	6
Berbere	10,213	8,406	10,917	1.07	146,257	10.13	6
Guradamole	4,160	3,368	3,755	0.90	51,286	12.17	7
Goro	15,934	14,562	18,893	1.19	291,711	12.00	8
Raytu	6,168	3,271	3,981	0.65	41,772	8.77	9
Seweyna	7,711	4,638	5,018	0.65	71,066	13.22	7
Borena Zone	283,104	145,900	189,696	0.67	1,648,012	6.72	6
Uraga	42,623	19,893	22,590	0.53	202,636	7.96	6
Bore	30,433	24,149	28,367	0.93	308,971	9.30	5
Adolana Wadera	22,616	20,904	33,048	1.46	301,290	6.01	4
Odo Shakiso	14,015	11,641	17,305	1.23	166,630	6.61	7
Hager Mariam	86,116	26,964	33,204	0.39	218,161	5.14	6
Yabelo	10,081	4,152	6,229	0.62	58,572	6.77	6
Arero	3,331	1,157	1,775	0.53	14,313	5.21	6
Liben	14,844	9,800	12,883	0.87	130,063	7.53	5
Moyale	10,736	6,594	9,082	0.85	57,404	4.70	5
Dire	13,719	5,787	7,840	0.57	45,764	4.25	7
Teltele	7,361	2,146	2,775	0.38	18,657	5.13	6
Gelana Abaya	27,229	12,712	14,597	0.54	125,552	7.47	7

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)
Oromia Region	3,981,704	321,442	394,572	0.10	5,989,744	12.38	10
West Welega Zone	313,923	1,068	1,740	0.01	4,514	1.81	3
Mana Sibu	27,022	*	*	-	*	*	*
Nejo	17,916	*	*	-	*	*	*
Gimbi	17,096	*	*	-	*	*	*
Lalo Asabi	10,906	*	*	-	*	*	*
Boji	15,188	*	*	-	*	*	*
Ayra Guliso	16,371	106	106	0.01	297	2.80	4
Jarso	16,190	135	211	0.01	224	0.78	1
Gidami	13,636	*	*	-	*	*	*
Jimma Horo	6,869	-	-	-	-	-	-
Hawa Welel	17,315	-	-	-	-	-	-
Gawo Dale	23,820	*	*	-	*	*	*
Dale Sadi	11,117	-	-	-	-	-	-
Yubdo	5,640	*	*	-	*	*	*
Ganji	9,611	*	*	-	*	*	*
Haru	11,508	*	*	-	*	*	*
Nole Kaba	23,388	194	*	-	*	*	3
Lalo Kilie	7,900	-	-	-	-	-	-
Sayo	19,844	*	*	-	*	*	*
Anfilo	11,848	*	*	-	*	*	*
Begi	30,734	-	-	-	-	-	-
East Welega Zone	260,893	2,043	3,234	0.01	8,826	1.90	4
Limu	20,690	112	*	-	*	*	*
Ibantu	5,087	54	88	0.02	93	0.72	2
Gida Kiremu	22,168	143	173	0.01	*	*	7
Jarte	7,363	88	134	0.02	600	*	*
Amuru	7,739	91	133	0.02	361	2.11	*
Abe Dongoro	9,470	52	92	0.01	*	*	*
Jimma Horo	24,023	156	*	-	*	*	*
Abay Chomen	4,715	54	108	0.02	173	0.95	2
Guduru	21,520	184	*	-	*	*	*
Jimma Rare	7,738	56	89	0.01	279	*	3
Bila Seyo	13,470	321	339	0.03	1,184	3.39	*
Sibu Sire	15,203	*	*	-	*	*	*
Guto Wayu	28,487	*	*	-	*	*	*
Sasiga	11,346	*	*	-	-	-	-
Leka Dulecha	10,555	*	*	-	*	*	*
Diga	11,868	230	281	0.02	848	2.44	5
Jimma Arjo	13,333	191	334	0.03	*	1.63	3
Nunu Kumba	10,438	*	*	-	*	*	*
Wama Bonaya	15,680	*	*	-	*	*	*
Illibabor Zone	195,287	853	1,102	0.01	3,056	2.36	8
Darimu	22,324	-	-	-	-	-	-
Supena Sodo	13,139	69	*	-	*	*	*
Chora	19,554	*	*	-	*	*	*
Dega	10,191	*	*	-	*	*	*
Bedele	20,513	169	*	-	*	*	*
Gechi	10,893	85	129	0.01	83	*	*
Borecha Wereda	9,030	*	*	-	*	*	*
Dedesa	14,033	-	-	-	-	-	-
yayu	19,201	*	*	-	*	*	*
Metu	22,651	*	*	-	*	*	*

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. (Continued.)

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)
Illibabor Zone							
Ale	17,356	*	*	-	*	*	*
Bure	11,992	*	*	-	*	*	*
Nono	4,411	*	*	-	*	*	*
Jimma Zone	443,315	1,701	1,758	0.00	9,975	5.63	9
Limu Seka	29,245	*	*	-	*	*	*
Limu Kosa	45,921	*	*	-	*	*	*
Sokoru	25,586	*	*	-	*	*	*
Tiro Afeta	24,135	152	152	0.01	*	*	3
Kersa	29,474	*	*	-	*	*	*
Mana	27,816	*	*	-	*	*	*
Goma	49,523	*	*	-	*	*	*
Gera	20,803	195	252	0.01	*	*	*
Seka chekorsa	56,422	*	*	-	*	*	*
Dedo	54,035	*	*	-	*	*	*
Omonada	45,972	296	296	0.01	731	2.47	*
Sigmo	16,132	-	-	-	-	-	-
Setema	18,249	*	*	-	*	*	*
West Shewa Zone	502,591	20,595	26,053	0.05	357,903	11.01	10
Ginde Beret	33,630	219	304	0.01	*	0.87	4
Jeldu	33,701	565	697	0.02	*	9.89	8
Ambo	40,122	*	*	-	*	*	*
Cheliya	37,011	*	*	-	*	*	*
Bako Tibe	19,389	*	*	-	*	*	*
Dano	15,544	*	*	-	*	*	*
Nono	23,140	*	*	-	*	*	*
Tikur	12,596	60	60	0.00	*	*	*
Amaya	21,943	544	680	0.03	*	*	*
Wonchi	17,405	115	*	-	*	*	*
Dendi	37,106	*	*	-	*	*	*
Ejerie	15,219	1,199	1,393	0.09	15,566	10.15	14
Adda Berga	19,302	259	437	0.02	*	*	9
Walmara	17,073	4,515	6,222	0.36	89,884	10.20	12
Alem Gana	20,607	5,684	7,037	0.34	122,268	14.19	9
Kersana Kondaltiti	22,051	1,231	1,598	0.07	24,950	12.31	6
Tole	10,401	709	778	0.07	13,732	15.60	6
Elu	10,354	478	514	0.05	8,388	15.44	10
Dawo	13,068	358	428	0.03	6,170	12.48	8
Walisona Goro	35,633	305	351	0.01	*	*	*
Becho	11,294	713	767	0.07	12,796	15.47	12
Kokir	12,362	140	140	0.01	1,540	11.00	10
Meta Robi	23,639	613	700	0.03	9,146	11.10	*
North Shewa(Oromia) Zone	237,011	11,672	14,337	0.06	224,509	12.74	10
Wara Jarso	25,009	131	167	0.01	*	*	*
Dera	35,035	*	*	-	*	*	*
Hidabu Abote	15,884	*	*	-	*	*	*
Kuyu	20,090	*	*	-	*	*	*
Degem	17,936	338	366	0.02	6,266	15.23	13
Gerar Jarso	13,163	326	361	0.03	5,655	14.47	11
Yaya Gulelena Debre Libano	16,566	397	419	0.03	5,380	12.08	10
Wuchalena Jido	22,017	682	771	0.04	12,710	14.53	10
Abichuna Gna'a	11,868	528	574	0.05	6,071	9.81	10
Kembibit	10,860	472	484	0.04	7,983	16.00	7
Berehna Aleltu	24,774	5,563	6,928	0.28	112,740	13.00	9
Mulona Sululta	23,810	2,862	3,710	0.16	61,507	12.77	11

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. (Continued.)

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)
East Shewa Zone	314,966	79,955	103,934	0.33	1,676,873	12.41	8
Fentale	6,677	*	*	-	*	*	*
Boset	24,837	5,936	7,353	0.30	104,439	11.67	10
Adama	26,906	13,587	18,198	0.68	285,939	12.28	8
Lome	14,564	8,957	13,080	0.90	223,749	11.77	9
Gimbichu	15,569	7,638	9,854	0.63	172,211	13.44	9
Ada'a Liben Chukala	40,176	15,531	21,178	0.53	377,794	13.07	8
Dugda Bora	28,844	10,267	12,217	0.42	119,050	7.82	8
Adami Tullu Jido Kombolcha	23,794	2,182	2,524	0.11	28,207	9.58	7
Arsi Negele	26,584	4,805	5,572	0.21	105,852	15.82	8
Shashemene	46,108	3,665	3,805	0.08	75,927	19.24	7
Seraro	48,209	394	636	0.01	*	*	13
Akaki	12,696	6,957	9,443	0.74	173,004	13.71	8
Arsi Zone	493,007	166,791	200,712	0.41	3,140,492	12.98	11
Merti	22,750	2,079	2,307	0.10	41,802	16.23	11
Aseko	14,396	746	1,000	0.07	19,769	14.79	9
Gololcha	29,178	169	169	0.01	*	*	7
Jeju	22,217	4,730	5,690	0.26	99,938	15.25	7
Dodotana Sire	22,887	11,069	13,624	0.60	253,621	15.23	13
Zeway Dugda	21,200	7,411	8,052	0.38	110,021	12.81	11
Hitosa	39,229	23,792	30,234	0.77	527,231	13.67	13
Sude	25,501	3,459	3,701	0.15	66,495	16.92	8
Chole	15,918	1,078	1,229	0.08	25,029	18.07	12
Amigna	11,176	1,775	1,884	0.17	30,734	15.27	9
Seru	18,205	3,859	4,145	0.23	69,520	15.87	11
Robe	27,062	5,940	6,419	0.24	109,752	15.80	10
Tena	20,684	5,150	5,825	0.28	63,755	9.45	11
Sherka	26,405	6,752	7,859	0.30	104,956	11.49	12
Digeluna Tijo	22,181	14,139	17,813	0.80	245,833	10.92	11
Tiyo	15,978	10,014	13,492	0.84	233,478	12.89	12
Munesa	35,171	16,131	19,387	0.55	349,805	15.04	11
Bekoji	35,995	20,791	25,798	0.72	332,459	10.27	12
Gedeb	24,847	15,189	18,035	0.73	259,142	11.95	10
Kofele	42,028	12,519	14,052	0.33	195,254	12.44	11
West Harerge Zone	291,356	4,415	4,701	0.02	81,511	16.12	13
Mieso	16,400	614	736	0.04	16,678	19.22	14
Doba	22,768	580	580	0.03	8,367	14.43	14
Tulo	24,329	*	*	-	*	*	*
Mesela	25,840	*	*	-	*	*	*
Chiro	62,368	*	*	-	*	*	*
Goba Koricha	20,014	179	207	0.01	*	21.32	13
Anchar	13,430	79	79	0.01	*	*	*
Habro	30,386	390	422	0.01	3,767	8.55	7
Darolebu	26,978	*	*	-	*	*	*
Boke	22,144	427	427	0.02	5,844	13.69	9
Kuni	26,701	339	*	-	*	*	*
East Harerge Zone	387,193	4,138	4,293	0.01	33,497	7.63	8
Kombolcha	20,710	*	*	-	*	*	*
Jarso	17,052	187	217	0.01	827	3.39	4
Gursum	25,567	302	354	0.01	1,408	3.47	3
Babile	10,237	90	90	0.01	*	*	*
Fedis	24,565	179	205	0.01	1,060	*	*
Haro Maya	31,404	1,373	1,373	0.04	15,150	11.03	7
Kurfa Chele	7,122	80	99	0.01	334	2.78	*
Kersa	27,745	394	394	0.01	4,357	11.06	7

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. (Continued.)

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)
East Harerge Zone							
Meta	43,775	255	255	0.01	1,054	4.13	*
Goro Gutu	25,718	*	*	-	*	*	*
Deder	38,265	*	*	-	*	*	*
Malka Balo	24,930	254	254	0.01	2,768	10.90	6
Bedeno	43,356	293	293	0.01	*	*	*
Girawa	38,886	230	230	0.01	*	*	*
Gola Oda	7,861	*	*	-	*	*	*
Bale Zone	259,058	27,943	32,277	0.12	446,140	11.97	10
Kokosa	23,375	*	*	-	*	*	*
Dodola	23,650	7,461	9,330	0.39	127,331	10.86	9
Adaba	19,856	6,966	8,369	0.42	112,950	11.40	8
Agarfa	13,146	2,775	2,991	0.23	45,839	14.24	11
Gasera	12,088	971	996	0.08	18,474	17.97	10
Gololcha	14,914	571	620	0.04	11,397	17.02	16
Leghida	8,094	63	75	0.01	248	3.14	3
Ginir	21,653	512	529	0.02	*	*	16
Sinanana Dinsho	24,988	6,529	7,040	0.28	88,466	11.61	12
Goba	7,183	932	1,016	0.14	14,130	12.35	10
Mennana Arena Buluk	19,198	142	142	0.01	*	*	*
Nensebo	14,169	174	194	0.01	*	*	5
Meda Welabu	12,557	*	*	-	*	*	*
Berbere	10,213	*	*	-	*	*	*
Guradamole	4,160	24	24	0.01	*	*	*
Goro	15,934	544	665	0.04	12,261	14.73	10
Raytu	6,168	-	-	-	-	-	-
Seweyna	7,711	*	*	-	*	*	*
Borena Zone	283,104	269	430	0.00	2,449	3.78	5
Uraga	42,623	-	-	-	-	-	-
Bore	30,433	-	-	-	-	-	-
Adolana Wadera	22,616	*	*	-	*	*	*
Odo Shakiso	14,015	-	-	-	-	-	-
Hager Mariam	86,116	-	-	-	-	-	-
Yabelo	10,081	*	*	-	*	*	*
Arero	3,331	*	*	-	*	*	-
Liben	14,844	*	*	-	*	*	*
Moyale	10,736	-	-	-	-	-	-
Dire	13,719	*	*	-	*	*	*
Teltele	7,361	13	25	0.00	38	0.76	2
Gelana Abaya	27,229	-	-	-	-	-	-

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)
Oromia Region	3,981,704	1,229,590	1,924,887	0.48	6,310,750	2.29	4
West Welega Zone	313,923	56,416	106,665	0.34	95,291	0.61	2
Mana Sibu	27,022	9,010	15,337	0.57	13,954	0.54	2
Nejo	17,916	9,579	22,629	1.26	17,877	0.34	2
Gimbi	17,096	2,424	5,250	0.31	6,836	0.56	2
Lalo Asabi	10,906	1,555	2,549	0.23	2,228	0.58	3
Boji	15,188	4,384	9,982	0.66	8,218	0.35	2
Ayra Guliso	16,371	492	888	0.05	571	0.35	2
Jarso	16,190	9,399	17,162	1.06	14,181	0.52	2
Gidami	13,636	916	1,267	0.09	636	*	1
Jimma Horo	6,869	771	1,340	0.20	1,533	0.58	2
Hawa Welel	17,315	516	615	0.04	921	1.21	3
Gawo Dale	23,820	1,942	2,531	0.11	4,451	1.39	2
Dale Sadi	11,117	576	*	-	666	*	2
Yubdo	5,640	1,095	1,628	0.29	1,194	0.50	1
Ganji	9,611	1,874	3,592	0.37	3,876	0.60	1
Haru	11,508	1,646	3,723	0.32	3,666	0.43	2
Nole Kaba	23,388	8,404	13,939	0.60	10,701	0.47	2
Lalo Kilie	7,900	*	*	-	*	*	*
Sayo	19,844	651	1,145	0.06	1,533	*	3
Anfilo	11,848	*	*	-	*	*	*
Begi	30,734	*	*	-	*	*	*
East Welega Zone	260,893	131,597	270,044	1.04	408,422	0.75	2
Limu	20,690	7,302	16,333	0.79	17,146	0.47	2
Ibantu	5,087	3,090	6,420	1.26	6,453	0.46	2
Gida Kiremu	22,168	12,172	24,390	1.10	28,557	0.59	2
Jarte	7,363	5,557	10,615	1.44	17,664	0.86	2
Amuru	7,739	5,556	9,844	1.27	15,761	0.90	2
Abe Dongoro	9,470	3,383	5,933	0.63	9,137	0.89	2
Jimma Horo	24,023	16,985	37,832	1.57	65,386	0.80	2
Abay Chomen	4,715	3,384	7,739	1.64	13,592	0.76	2
Guduru	21,520	13,657	26,073	1.21	51,562	1.06	2
Jimma Rare	7,738	5,574	12,648	1.63	28,293	0.99	3
Bila Seyo	13,470	5,752	10,370	0.77	18,165	0.93	2
Sibu Sire	15,203	8,574	16,117	1.06	25,640	0.84	2
Guto Wayu	28,487	12,312	26,355	0.93	34,872	0.65	2
Sasiga	11,346	2,882	5,627	0.50	7,537	0.75	3
Leka Dulecha	10,555	6,475	14,108	1.34	15,902	0.49	2
Diga	11,868	4,709	9,994	0.84	14,841	0.69	2
Jimma Arjo	13,333	6,980	15,390	1.15	18,349	0.54	3
Nunu Kumba	10,438	3,064	5,742	0.55	5,823	0.56	3
Wama Bonaya	15,680	4,186	8,516	0.54	13,740	0.76	3
Illibabor Zone	195,287	41,886	74,406	0.38	61,577	0.49	2
Darimu	22,324	494	557	0.02	196	0.32	1
Supena Sodo	13,139	4,755	7,844	0.60	4,776	0.39	2
Chora	19,554	7,092	12,754	0.65	11,202	0.50	2
Dega	10,191	7,602	13,859	1.36	8,891	0.34	2
Bedele	20,513	7,719	15,028	0.73	13,393	0.43	2
Gechi	10,893	2,656	4,568	0.42	3,537	0.45	2
Borecha Wereda	9,030	1,337	2,394	0.27	1,744	0.41	1
Dedesa	14,033	2,183	4,582	0.33	4,325	0.52	3
yayu	19,201	5,831	9,400	0.49	11,218	0.91	3
Metu	22,651	863	1,318	0.06	827	*	*

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. (Continued.)

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)
Illibabor Zone.....							
Ale	17,356	*	*	-	*	*	*
Bure	11,992	377	465	0.04	608	1.09	4
Nono	4,411	191	399	0.09	184	0.26	1
Jimma Zone	443,315	71,464	118,171	0.27	189,780	1.00	3
Limu Seka	29,245	6,562	11,289	0.39	13,711	0.69	2
Limu Kosa	45,921	10,029	16,500	0.36	30,859	1.14	3
Sokoru	25,586	3,960	7,930	0.31	8,165	0.49	2
Tiro Afeta	24,135	5,409	10,339	0.43	16,146	0.83	3
Kersa.....	29,474	8,485	15,241	0.52	23,666	0.89	2
Mana	27,816	938	1,727	0.06	3,580	1.07	*
Goma	49,523	2,524	3,492	0.07	6,660	1.41	2
Gera	20,803	4,870	10,207	0.49	13,352	0.63	2
Seka chekorsa.....	56,422	5,960	7,878	0.14	15,356	1.51	4
Dedo	54,035	8,201	10,451	0.19	24,778	1.82	4
Omonada	45,972	13,126	21,102	0.46	30,494	0.93	2
Sigmo.....	16,132	117	117	0.01	*	*	*
Setema	18,249	1,282	1,897	0.10	2,808	1.03	3
West Shewa Zone.....	502,591	268,799	476,550	0.95	1,407,167	1.77	4
Ginde Beret	33,630	18,047	33,963	1.01	77,478	1.21	3
Jeldu.....	33,701	17,330	27,928	0.83	94,541	2.11	4
Ambo.....	40,122	23,940	45,207	1.13	113,271	1.28	4
Cheliya.....	37,011	23,657	56,017	1.51	106,316	0.78	3
Bako Tibe	19,389	7,187	14,488	0.75	27,242	0.98	3
Dano	15,544	7,257	13,544	0.87	17,584	0.67	2
Nono	23,140	15,279	32,436	1.40	64,571	0.95	3
Tikur	12,596	7,090	13,055	1.04	20,541	0.86	3
Amaya	21,943	13,841	28,069	1.28	60,843	1.13	3
Wonchi	17,405	10,277	15,951	0.92	37,946	1.59	3
Dendi	37,106	21,807	37,175	1.00	137,387	2.13	6
Ejerie	15,219	8,425	12,775	0.84	57,934	2.97	5
Adda Berga.....	19,302	12,122	20,634	1.07	73,086	2.13	4
Walmara	17,073	6,757	9,783	0.57	51,867	3.58	5
Alem Gana.....	20,607	6,547	9,733	0.47	63,753	4.57	4
Kersana Kondaltiti	22,051	14,938	20,356	0.92	106,824	3.89	3
Tole.....	10,401	5,069	7,090	0.68	41,379	4.31	3
Elu	10,354	4,369	7,555	0.73	31,003	2.52	4
Dawo	13,068	8,043	14,415	1.10	48,763	1.97	3
Walisona Goro.....	35,633	16,322	28,256	0.79	76,215	1.68	3
Becho.....	11,294	4,264	5,711	0.51	25,069	3.42	4
Kokir.....	12,362	5,797	7,188	0.58	30,018	3.40	4
Meta Robi	23,639	10,434	15,222	0.64	43,539	1.95	4
North Shewa(Oromia) Zone.....	237,011	138,152	199,862	0.84	1,008,809	3.58	5
Wara Jarso	25,009	14,386	21,553	0.86	68,472	2.13	4
Dera	35,035	19,962	33,353	0.95	72,712	1.33	3
Hidabu Abote	15,884	7,516	12,393	0.78	43,814	2.19	4
Kuyu	20,090	10,595	15,389	0.77	49,961	2.29	4
Degem	17,936	10,628	15,160	0.85	81,015	3.74	5
Gerar Jarso.....	13,163	8,646	11,845	0.90	60,609	3.66	4
Yaya Gulelena Debre Libano...	16,566	10,280	14,406	0.87	78,249	3.88	5
Wuchalena Jido	22,017	14,529	19,023	0.86	116,855	4.66	5
Abichuna Gna'a	11,868	7,677	9,740	0.82	47,206	3.84	6
Kembibit.....	10,860	6,576	7,905	0.73	83,123	8.67	6
Berehna Aleltu.....	24,774	11,888	16,479	0.67	180,658	7.72	6
Mulona Sululta	23,810	15,468	22,616	0.95	126,133	3.77	6

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. (Continued.)

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)
East Shewa Zone	314,966	50,271	74,265	0.24	401,449	3.74	4
Fentale	6,677	*	*	-	*	*	*
Boset	24,837	9,293	14,868	0.60	70,824	3.06	4
Adama	26,906	2,026	2,411	0.09	23,533	8.18	4
Lome	14,564	639	768	0.05	6,252	6.69	5
Gimbichu	15,569	4,631	6,609	0.42	62,965	6.72	6
Ada'a Liben Chukala	40,176	14,325	24,803	0.62	122,406	2.96	3
Dugda Bora	28,844	3,261	4,242	0.15	16,303	3.10	4
Adami Tullu Jido Kombolcha	23,794	2,449	2,839	0.12	9,982	3.14	4
Arsi Negele	26,584	4,249	5,291	0.20	25,037	3.88	4
Shashemene	46,108	5,577	6,520	0.14	28,090	3.51	3
Seraro	48,209	*	*	-	*	*	*
Akaki	12,696	2,804	4,739	0.37	27,585	3.57	4
Arsi Zone	493,007	156,295	221,353	0.45	1,033,120	3.28	5
Merti	22,750	13,511	21,867	0.96	110,539	3.05	4
Aseko	14,396	9,092	13,536	0.94	53,178	2.68	5
Gololcha	29,178	13,597	18,294	0.63	71,273	2.93	5
Jeju	22,217	10,751	14,612	0.66	80,982	4.19	4
Dodotana Sire	22,887	3,096	5,397	0.24	27,172	3.25	5
Zeway Dugda	21,200	1,981	2,302	0.11	11,327	4.24	5
Hitosa	39,229	1,794	1,985	0.05	18,710	7.90	9
Sude	25,501	12,853	18,360	0.72	96,114	3.71	5
Chole	15,918	10,838	18,459	1.16	107,192	3.37	5
Amigna	11,176	5,466	7,099	0.64	31,311	3.38	5
Seru	18,205	8,265	10,741	0.59	43,227	3.13	5
Robe	27,062	12,188	17,059	0.63	82,041	3.51	5
Tena	20,684	9,636	14,972	0.72	68,495	2.92	4
Sherka	26,405	12,572	18,711	0.71	73,027	2.56	7
Digeluna Tijo	22,181	3,727	4,698	0.21	17,293	2.88	8
Tiyo	15,978	766	889	0.06	5,653	5.39	7
Munesa	35,171	9,438	12,959	0.37	60,431	3.40	6
Bekoji	35,995	5,274	6,526	0.18	25,271	2.95	7
Gedeb	24,847	1,392	1,437	0.06	6,336	4.31	7
Kofele	42,028	10,060	11,450	0.27	43,548	3.39	6
West Harerge Zone	291,356	118,199	139,844	0.48	836,453	5.04	5
Mieso	16,400	5,053	5,401	0.33	45,666	7.96	4
Doba	22,768	12,282	13,611	0.60	71,659	4.71	8
Tulo	24,329	10,681	11,904	0.49	72,977	5.50	5
Mesela	25,840	9,534	10,356	0.40	43,808	3.86	4
Chiro	62,368	26,623	30,217	0.48	203,470	5.91	6
Goba Koricha	20,014	10,917	12,930	0.65	81,763	5.39	5
Anchar	13,430	7,659	9,673	0.72	51,015	4.36	5
Habro	30,386	9,070	13,414	0.44	78,326	3.86	4
Darolebu	26,978	9,670	10,940	0.41	51,444	4.17	3
Boke	22,144	5,192	5,695	0.26	30,481	4.81	4
Kuni	26,701	11,517	15,703	0.59	105,844	4.92	4
East Harerge Zone	387,193	98,320	108,116	0.28	383,132	3.23	5
Kombolcha	20,710	3,725	3,931	0.19	15,853	3.76	3
Jarso	17,052	5,274	5,717	0.34	21,333	3.47	4
Gursum	25,567	4,124	4,410	0.17	18,814	3.99	3
Babile	10,237	1,533	1,664	0.16	8,970	5.10	4
Fedis	24,565	4,749	4,921	0.20	18,471	3.66	4
Haro Maya	31,404	5,411	5,787	0.18	26,973	4.44	4
Kurfa Chele	7,122	1,961	2,382	0.33	10,287	3.62	6
Kersa	27,745	6,728	7,722	0.28	36,955	4.19	4

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. (Continued.)

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)
East Harerge Zone							
Meta	43,775	15,197	16,803	0.38	46,795	2.50	5
Goro Gutu	25,718	7,770	8,104	0.32	32,373	3.82	5
Deder	38,265	11,233	12,873	0.34	45,256	3.10	6
Malka Balo	24,930	7,160	8,054	0.32	34,664	3.81	4
Bedeno	43,356	13,914	15,173	0.35	40,737	2.46	5
Girawa	38,886	7,986	8,800	0.23	19,859	2.02	4
Gola Oda	7,861	1,556	1,776	0.23	5,794	2.78	4
Bale Zone	259,058	83,652	104,949	0.41	417,495	3.21	5
Kokosa	23,375	868	902	0.04	2,189	2.39	3
Dodola	23,650	6,496	8,441	0.36	27,869	2.56	6
Adaba	19,856	7,612	10,024	0.50	37,969	2.96	5
Agarfa	13,146	6,202	8,574	0.65	37,252	3.20	6
Gasera	12,088	4,573	5,377	0.44	27,887	4.52	4
Gololcha	14,914	8,445	10,119	0.68	42,434	3.47	7
Legehida	8,094	1,568	1,737	0.21	5,891	3.11	3
Ginir	21,653	11,597	14,625	0.68	62,699	3.42	5
Sinanana Dinsho	24,988	10,515	12,259	0.49	53,276	3.76	6
Goba	7,183	3,171	3,718	0.52	15,644	3.56	5
Mennana Arena Buluk	19,198	3,844	4,735	0.25	11,975	2.05	3
Nensebo	14,169	2,028	2,869	0.20	6,222	1.52	4
Meda Welabu	12,557	873	1,168	0.09	3,586	2.32	3
Berbere	10,213	2,876	3,923	0.38	10,664	2.16	3
Guradamole	4,160	1,525	1,749	0.42	6,840	3.52	3
Goro	15,934	9,651	12,797	0.80	57,293	3.37	5
Raytu	6,168	*	*	-	*	*	*
Seweyna	7,711	1,801	1,926	0.25	7,718	3.68	4
Borena Zone	283,104	14,539	30,661	0.11	68,056	1.22	2
Uraga	42,623	-	-	-	-	-	-
Bore	30,433	*	*	-	4,495	*	*
Adolana Wadera	22,616	4,568	9,912	0.44	12,530	0.73	2
Odo Shakiso	14,015	1,145	2,828	0.20	8,246	1.31	2
Hager Mariam	86,116	*	*	-	*	*	*
Yabelo	10,081	740	1,520	0.15	3,876	1.42	3
Arero	3,331	356	623	0.19	1,078	1.05	3
Liben	14,844	4,208	7,724	0.52	25,033	1.85	2
Moyale	10,736	422	912	0.08	*	0.97	5
Dire	13,719	1,227	2,086	0.15	5,631	1.76	3
Teltele	7,361	507	1,030	0.14	1,268	0.61	2
Gelana Abaya	27,229	225	*	-	*	*	*

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)
Oromia Region	3,981,704	765,449	1,607,086	0.40	2,073,942	0.78	2
West Welega Zone	313,923	90,175	199,423	0.64	177,919	0.45	2
Mana Sibu	27,022	7,392	17,353	0.64	12,900	0.46	3
Nejo	17,916	6,018	13,660	0.76	8,136	0.28	2
Gimbi	17,096	4,594	12,838	0.75	34,966	1.05	4
Lalo Asabi	10,906	1,872	3,882	0.36	4,036	0.60	2
Boji	15,188	3,930	8,320	0.55	6,499	0.36	2
Ayra Guliso	16,371	2,257	5,244	0.32	4,706	0.41	2
Jarso	16,190	4,707	12,542	0.77	5,708	0.22	1
Gidami	13,636	3,489	7,258	0.53	3,968	0.24	1
Jimma Horo	6,869	2,747	4,452	0.65	2,698	0.37	1
Hawa Welel	17,315	6,977	17,084	0.99	12,031	0.48	2
Gawo Dale	23,820	11,373	19,688	0.83	19,638	0.67	2
Dale Sadi	11,117	3,646	7,012	0.63	5,430	0.52	2
Yubdo	5,640	1,799	3,424	0.61	2,788	0.43	1
Ganji	9,611	1,218	2,573	0.27	2,025	0.41	1
Haru	11,508	1,742	3,862	0.34	3,186	0.37	1
Nole Kaba	23,388	7,330	15,676	0.67	11,383	0.34	1
Lalo Kilie	7,900	1,990	4,645	0.59	2,378	0.24	1
Sayo	19,844	4,682	10,829	0.55	14,528	0.54	1
Anfilo	11,848	414	980	0.08	882	0.73	1
Begi	30,734	11,997	28,102	0.91	20,031	0.33	1
East Welega Zone	260,893	40,881	88,138	0.34	120,060	0.80	2
Limu	20,690	6,057	15,314	0.74	19,806	0.52	2
Ibantu	5,087	2,746	5,842	1.15	7,059	0.57	2
Gida Kiremu	22,168	4,157	8,106	0.37	7,921	0.49	2
Jarte	7,363	697	1,708	0.23	2,062	0.56	2
Amuru	7,739	496	761	0.10	1,388	1.22	2
Abe Dongoro	9,470	752	1,501	0.16	1,991	0.71	2
Jimma Horo	24,023	1,413	*	-	2,219	*	2
Abay Chomen	4,715	532	1,104	0.23	3,561	1.84	3
Guduru	21,520	3,119	4,196	0.19	20,503	3.93	4
Jimma Rare	7,738	347	716	0.09	1,445	1.18	2
Bila Seyo	13,470	1,033	1,833	0.14	2,237	0.71	2
Sibu Sire	15,203	2,824	5,565	0.37	7,053	0.68	2
Guto Wayu	28,487	2,985	5,300	0.19	8,021	0.97	3
Sasiga	11,346	1,353	2,273	0.20	4,182	1.24	2
Leka Dulecha	10,555	2,808	5,588	0.53	7,933	0.98	3
Diga	11,868	4,668	16,342	1.38	8,340	0.19	2
Jimma Arjo	13,333	693	1,685	0.13	1,557	0.39	2
Nunu Kumba	10,438	293	505	0.05	577	0.67	2
Wama Bonaya	15,680	3,910	7,101	0.45	12,206	1.23	3
Illibabor Zone	195,287	49,437	85,919	0.44	55,102	0.43	2
Darimu	22,324	3,432	4,675	0.21	8,443	1.53	3
Supena Sodo	13,139	5,123	8,045	0.61	2,959	0.24	1
Chora	19,554	4,703	6,626	0.34	3,748	0.35	1
Dega	10,191	5,205	11,906	1.17	4,095	0.15	1
Bedele	20,513	6,440	16,506	0.80	5,515	0.14	1
Gechi	10,893	5,130	8,304	0.76	4,875	0.40	2
Borecha Wereda	9,030	6,118	10,414	1.15	3,126	0.18	1
Dedesa	14,033	4,641	6,206	0.44	4,039	0.47	2
yayu	19,201	3,220	5,724	0.30	9,523	1.05	*
Metu	22,651	1,009	1,165	0.05	926	0.72	2

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

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)
Illibabor Zone.....							
Ale	17,356	3,063	4,002	0.23	5,698	*	3
Bure	11,992	580	980	0.08	1,551	1.39	4
Nono	4,411	773	1,366	0.31	604	0.30	2
Jimma Zone	443,315	152,453	275,252	0.62	199,550	0.46	2
Limu Seka	29,245	3,436	4,759	0.16	3,932	0.57	2
Limu Kosa	45,921	9,159	11,241	0.24	15,872	1.15	2
Sokoru	25,586	14,800	27,221	1.06	10,324	0.20	1
Tiro Afeta	24,135	6,928	10,775	0.45	6,335	0.38	1
Kersa	29,474	14,466	28,509	0.97	24,914	0.51	1
Mana	27,816	5,920	7,998	0.29	7,317	0.79	2
Goma	49,523	8,616	13,442	0.27	11,593	0.90	1
Gera	20,803	8,262	18,605	0.89	13,912	0.34	1
Seka chekorsa	56,422	13,423	23,250	0.41	12,610	0.33	2
Dedo	54,035	31,114	62,009	1.15	36,078	0.29	1
Omonada	45,972	24,599	51,316	1.12	37,863	0.42	2
Sigmo	16,132	5,845	9,137	0.57	8,449	0.65	1
Setema	18,249	5,887	6,988	0.38	10,352	1.23	2
West Shewa Zone.....	502,591	30,129	49,614	0.10	140,219	2.08	4
Ginde Beret	33,630	*	*	-	*	*	*
Jeldu	33,701	*	*	-	*	*	*
Ambo	40,122	5,092	7,832	0.20	14,002	1.22	7
Cheliya	37,011	4,752	6,051	0.16	41,512	5.47	8
Bako Tibe	19,389	1,098	1,799	0.09	3,108	1.07	3
Dano	15,544	926	1,215	0.08	3,709	*	*
Nono	23,140	2,430	3,898	0.17	4,085	0.66	2
Tikur	12,596	*	*	-	*	*	*
Amaya	21,943	886	1,457	0.07	5,149	2.40	3
Wonchi	17,405	1,649	2,605	0.15	10,208	3.63	4
Dendi	37,106	678	*	-	1,380	*	2
Ejerie	15,219	284	359	0.02	1,307	2.93	4
Adda Berga	19,302	*	1,153	0.06	*	*	*
Walmara	17,073	723	*	-	*	*	4
Alem Gana	20,607	*	*	-	*	*	*
Kersana Kondaltiti	22,051	2,846	*	-	12,818	*	3
Tole	10,401	2,402	3,831	0.37	8,353	1.45	2
Elu	10,354	450	878	0.08	1,796	1.20	2
Dawo	13,068	*	*	-	*	*	*
Walisona Goro	35,633	*	*	-	*	*	*
Becho	11,294	888	1,351	0.12	2,144	1.11	2
Kokir	12,362	171	210	0.02	427	1.76	3
Meta Robi	23,639	272	433	0.02	*	1.76	5
North Shewa(Oromia) Zone.....	237,011	15,251	34,222	0.14	54,634	0.94	2
Wara Jarso	25,009	*	*	-	*	*	*
Dera	35,035	4,180	8,904	0.25	10,839	0.63	1
Hidabu Abote	15,884	189	290	0.02	1,015	1.91	3
Kuyu	20,090	2,344	8,378	0.42	4,651	0.20	1
Degem	17,936	442	534	0.03	1,452	2.11	2
Gerar Jarso	13,163	1,836	3,004	0.23	4,266	0.78	2
Yaya Gulelena Debre Libano	16,566	1,314	*	-	5,043	*	3
Wuchalena Jido	22,017	*	*	-	3,189	*	*
Abichuna Gna'a	11,868	287	428	0.04	1,672	2.67	3
Kembibit	10,860	804	1,005	0.09	7,458	5.49	5
Berehna Aleltu	24,774	*	*	-	*	*	*
Mulona Sululta	23,810	382	472	0.02	2,762	4.78	*

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

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)
East Shewa Zone	314,966	23,495	42,118	0.13	100,949	1.63	2
Fentale	6,677	131	198	0.03	*	*	*
Boset	24,837	262	297	0.01	1,632	5.14	3
Adama	26,906	*	*	-	*	*	*
Lome	14,564	*	*	-	*	*	*
Gimbichu	15,569	121	*	-	*	*	2
Ada'a Liben Chukala	40,176	2,932	4,905	0.12	*	2.52	2
Dugda Bora	28,844	*	*	-	*	*	*
Adami Tullu Jido Kombolcha	23,794	2,069	2,324	0.10	9,794	3.98	5
Arsi Negele	26,584	1,733	2,607	0.10	5,797	1.52	2
Shashemene	46,108	5,486	9,219	0.20	23,754	1.94	2
Seraro	48,209	10,079	21,568	0.45	24,406	0.56	2
Akaki	12,696	*	*	-	*	*	*
Arsi Zone	493,007	35,756	61,601	0.12	93,183	1.02	2
Merti	22,750	915	1,305	0.06	2,447	1.51	2
Aseko	14,396	105	146	0.01	373	2.28	2
Gololcha	29,178	*	*	-	3,197	*	*
Jeju	22,217	*	*	-	5,513	*	*
Dodotana Sire	22,887	*	*	-	*	*	*
Zeway Dugda	21,200	1,260	1,365	0.06	6,233	4.31	8
Hitosa	39,229	*	*	-	*	*	*
Sude	25,501	2,327	3,984	0.16	7,271	1.23	*
Chole	15,918	1,701	2,479	0.16	*	*	2
Amigna	11,176	2,884	8,425	0.75	8,686	0.39	1
Seru	18,205	3,705	6,127	0.34	7,409	0.80	2
Robe	27,062	2,947	5,408	0.20	3,770	0.42	2
Tena	20,684	4,117	6,526	0.32	5,443	0.54	1
Sherka	26,405	495	606	0.02	1,513	*	*
Digeluna Tijo	22,181	*	*	-	*	*	*
Tiyo	15,978	*	*	-	*	*	*
Munesa	35,171	*	*	-	*	*	*
Bekoji	35,995	*	*	-	*	*	*
Gedeb	24,847	4,843	7,200	0.29	8,974	0.92	2
Kofele	42,028	*	*	-	*	*	*
West Harerge Zone	291,356	116,925	229,810	0.79	441,892	1.10	2
Mieso	16,400	7,645	12,983	0.79	38,678	1.77	2
Doba	22,768	9,418	14,496	0.64	32,181	1.48	5
Tulo	24,329	12,245	27,148	1.12	50,383	1.03	2
Mesela	25,840	11,406	16,620	0.64	47,831	1.96	3
Chiro	62,368	19,134	29,316	0.47	55,232	1.28	2
Goba Koricha	20,014	10,659	40,272	2.01	48,628	0.38	2
Anchar	13,430	2,495	4,896	0.36	6,697	0.81	1
Habro	30,386	14,531	26,019	0.86	42,570	1.06	2
Darolebu	26,978	14,122	26,836	0.99	49,722	1.04	2
Boke	22,144	4,546	9,334	0.42	17,986	0.98	2
Kuni	26,701	10,723	21,891	0.82	51,982	1.25	2
East Harerge Zone	387,193	140,770	219,663	0.57	477,867	1.45	3
Kombolcha	20,710	7,739	10,564	0.51	32,900	2.18	2
Jarso	17,052	6,100	13,142	0.77	17,957	0.72	2
Gursum	25,567	3,944	7,001	0.27	13,390	1.03	2
Babile	10,237	3,024	6,917	0.68	13,706	1.05	1
Fedis	24,565	12,554	20,495	0.83	46,221	1.33	2
Haro Maya	31,404	15,137	25,372	0.81	64,008	1.53	2
Kurfa Chele	7,122	2,367	3,856	0.54	10,964	1.94	3
Kersa	27,745	13,098	19,187	0.69	69,665	2.52	3

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

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)
East Harerge Zone							
Meta	43,775	19,449	25,747	0.59	50,907	1.51	3
Goro Gutu	25,718	6,880	7,753	0.30	18,318	2.18	2
Deder	38,265	9,533	12,220	0.32	23,101	1.50	4
Malka Balo	24,930	9,207	16,396	0.66	30,458	1.24	3
Bedeno	43,356	15,841	27,197	0.63	47,742	1.11	3
Girawa	38,886	11,010	17,130	0.44	22,638	0.82	3
Gola Oda	7,861	4,887	6,685	0.85	15,893	1.77	2
Bale Zone	259,058	34,519	51,782	0.20	58,797	0.84	2
Kokosa	23,375	*	*	-	*	*	*
Dodola	23,650	4,214	7,107	0.30	5,666	0.49	1
Adaba	19,856	1,045	1,720	0.09	1,115	0.44	1
Agarfa	13,146	1,663	2,079	0.16	2,610	0.93	4
Gasera	12,088	1,680	2,217	0.18	2,729	1.02	2
Gololcha	14,914	1,782	2,340	0.16	2,852	1.02	2
Legehida	8,094	884	1,442	0.18	945	0.53	1
Ginir	21,653	5,136	7,153	0.33	12,679	1.36	3
Sinanana Dinsho	24,988	6,546	8,514	0.34	8,043	0.76	2
Goba	7,183	1,090	1,319	0.18	1,610	1.00	2
Mennana Arena Buluk	19,198	935	2,337	0.12	1,505	0.27	1
Nensebo	14,169	786	1,413	0.10	1,515	0.80	2
Meda Welabu	12,557	*	*	-	1,160	*	*
Berbere	10,213	717	916	0.09	2,071	1.61	3
Guradamole	4,160	1,200	2,039	0.49	2,039	0.74	2
Goro	15,934	3,218	4,354	0.27	7,887	1.33	3
Raytu	6,168	447	627	0.10	628	0.76	1
Seweyna	7,711	1,504	1,910	0.25	2,908	1.33	2
Borena Zone	283,104	35,659	269,545	0.95	153,770	0.15	1
Uraga	42,623	216	*	-	3,220	*	*
Bore	30,433	8,434	113,336	3.72	45,446	0.06	1
Adolana Wadera	22,616	8,091	71,154	3.15	35,204	0.08	1
Odo Shakiso	14,015	2,734	10,736	0.77	21,586	0.75	2
Hager Mariam	86,116	*	*	-	*	*	*
Yabelo	10,081	1,041	2,304	0.23	*	0.89	3
Arero	3,331	92	140	0.04	194	1.11	2
Liben	14,844	4,318	26,704	1.80	15,708	0.19	2
Moyale	10,736	821	2,871	0.27	4,629	0.56	2
Dire	13,719	1,144	2,357	0.17	2,509	0.70	4
Teltele	7,361	3,651	6,609	0.90	3,447	0.37	2
Gelana Abaya	27,229	1,801	*	-	*	*	2

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)
Oromia Region	3,981,704	9,681	11,072	0.00	94,136	7.54	7
West Welega Zone	313,923	137	137	0.00	*	*	3
Mana Sibu	27,022	*	*	-	*	*	*
Nejo	17,916	-	-	-	-	-	-
Gimbi	17,096	-	-	-	-	-	-
Lalo Asabi	10,906	-	-	-	-	-	-
Boji	15,188	-	-	-	-	-	-
Ayra Guliso	16,371	*	*	-	*	*	*
Jarso	16,190	-	-	-	-	-	-
Gidami	13,636	-	-	-	-	-	-
Jimma Horo	6,869	-	-	-	-	-	-
Hawa Welel	17,315	-	-	-	-	-	-
Gawo Dale	23,820	-	-	-	-	-	-
Dale Sadi	11,117	*	*	-	*	*	*
Yubdo	5,640	-	-	-	-	-	-
Ganji	9,611	-	-	-	-	-	-
Haru	11,508	*	*	-	*	*	*
Nole Kaba	23,388	-	-	-	-	-	-
Lalo Kilie	7,900	*	*	-	*	*	*
Sayo	19,844	-	-	-	-	-	-
Anfilo	11,848	-	-	-	-	-	-
Begi	30,734	-	-	-	-	-	-
East Welega Zone	260,893	688	891	0.00	3,890	3.62	5
Limu	20,690	-	-	-	-	-	-
Ibantu	5,087	-	-	-	-	-	-
Gida Kiremu	22,168	*	*	-	*	*	*
Jarte	7,363	*	*	-	*	*	*
Amuru	7,739	-	-	-	-	-	-
Abe Dongoro	9,470	*	*	-	*	*	*
Jimma Horo	24,023	262	383	0.02	1,493	2.94	4
Abay Chomen	4,715	*	*	-	*	*	*
Guduru	21,520	*	*	-	*	*	*
Jimma Rare	7,738	*	*	-	*	*	*
Bila Seyo	13,470	*	*	-	*	*	*
Sibu Sire	15,203	*	*	-	*	*	*
Guto Wayu	28,487	*	*	-	*	*	*
Sasiga	11,346	*	*	-	*	*	*
Leka Dulecha	10,555	-	-	-	-	-	-
Diga	11,868	*	*	-	*	*	*
Jimma Arjo	13,333	*	*	-	*	*	*
Nunu Kumba	10,438	-	-	-	-	-	-
Wama Bonaya	15,680	-	-	-	-	-	-
Illibabor Zone	195,287	439	495	0.00	1,439	2.85	4
Darimu	22,324	*	*	-	*	*	*
Supena Sodo	13,139	*	*	-	*	*	*
Chora	19,554	*	*	-	*	*	*
Dega	10,191	-	-	-	-	-	-
Bedele	20,513	*	*	-	*	*	*
Gechi	10,893	*	*	-	*	*	*
Borecha Wereda	9,030	-	-	-	-	-	-
Dedesa	14,033	-	-	-	-	-	-
yayu	19,201	-	-	-	-	-	-
Metu	22,651	*	*	-	*	*	*

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

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 Winnowers (Birr)	Average Duration of Service of Winnowers (Years)
Illibabor Zone.....							
Ale	17,356	-	-	-	-	-	-
Bure	11,992	-	-	-	-	-	-
Nono	4,411	-	-	-	-	-	-
Jimma Zone	443,315	*	*	-	*	*	*
Limu Seka	29,245	-	-	-	-	-	-
Limu Kosa	45,921	-	-	-	-	-	-
Sokoru	25,586	-	-	-	-	-	-
Tiro Afeta	24,135	-	-	-	-	-	-
Kersa	29,474	*	*	-	*	*	*
Mana	27,816	-	-	-	-	-	-
Goma	49,523	*	*	-	*	*	*
Gera	20,803	*	*	-	*	*	*
Seka chekorsa	56,422	-	-	-	-	-	-
Dedo	54,035	-	-	-	-	-	-
Omonada	45,972	-	-	-	-	-	-
Sigmo	16,132	-	-	-	-	-	-
Setema	18,249	-	-	-	-	-	-
West Shewa Zone.....	502,591	1,297	1,440	0.00	12,031	7.81	7
Ginde Beret	33,630	*	*	-	*	*	*
Jeldu	33,701	263	263	0.01	1,865	7.09	6
Ambo	40,122	*	*	-	*	*	*
Cheliya	37,011	-	-	-	-	-	-
Bako Tibe	19,389	-	-	-	-	-	-
Dano	15,544	-	-	-	-	-	-
Nono	23,140	*	*	-	*	*	*
Tikur	12,596	*	*	-	*	*	*
Amaya	21,943	*	*	-	*	*	*
Wonchi	17,405	-	-	-	-	-	-
Dendi	37,106	-	-	-	-	-	-
Ejerie	15,219	53	53	0.00	*	*	*
Adda Berga	19,302	*	*	-	*	*	*
Walmara	17,073	102	123	0.01	*	*	15
Alem Gana	20,607	*	*	-	*	*	*
Kersana Kondaltiti	22,051	172	*	-	1,789	*	5
Tole	10,401	*	*	-	*	*	*
Elu	10,354	*	*	-	*	*	*
Dawo	13,068	91	91	0.01	841	9.24	*
Walisona Goro	35,633	-	-	-	-	-	-
Becho	11,294	*	*	-	*	*	*
Kokir	12,362	-	-	-	-	-	-
Meta Robi	23,639	*	*	-	*	*	*
North Shewa(Oromia) Zone.....	237,011	773	857	0.00	11,141	11.13	9
Wara Jarso	25,009	*	*	-	*	*	*
Dera	35,035	*	*	-	*	*	*
Hidabu Abote	15,884	*	*	-	*	*	*
Kuyu	20,090	-	-	-	-	-	-
Degem	17,936	*	*	-	*	*	*
Gerar Jarso	13,163	-	-	-	-	-	-
Yaya Gulelena Debre Libano	16,566	*	*	-	*	*	*
Wuchalena Jido	22,017	*	*	-	*	*	*
Abichuna Gna'a	11,868	*	*	-	*	*	*
Kembibit	10,860	*	*	-	*	*	*
Berehna Aleltu	24,774	*	*	-	*	*	*
Mulona Sululta	23,810	*	*	-	*	*	*

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

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 Winnowers (Birr)	Average Duration of Service of Winnowers (Years)
East Shewa Zone	314,966	914	932	0.00	14,834	15.43	6
Fentale	6,677	-	-	-	-	-	-
Boset	24,837	*	*	-	*	*	*
Adama	26,906	*	*	-	*	*	*
Lome	14,564	*	*	-	*	*	*
Gimbichu	15,569	*	*	-	*	*	*
Ada'a Liben Chukala	40,176	*	*	-	*	*	*
Dugda Bora	28,844	136	136	0.00	*	*	7
Adami Tullu Jido Kombolcha	23,794	-	-	-	-	-	-
Arsi Negele	26,584	*	*	-	*	*	*
Shashemene	46,108	-	-	-	-	-	-
Seraro	48,209	-	-	-	-	-	-
Akaki	12,696	77	77	0.01	881	11.44	5
Arsi Zone	493,007	1,335	1,444	0.00	14,087	8.85	8
Merti	22,750	-	-	-	-	-	-
Aseko	14,396	38	38	0.00	188	4.93	7
Gololcha	29,178	*	*	-	*	*	*
Jeju	22,217	*	*	-	*	*	*
Dodotana Sire	22,887	*	*	-	*	*	*
Zeway Dugda	21,200	*	*	-	*	*	*
Hitosa	39,229	*	*	-	*	*	*
Sude	25,501	*	*	-	*	*	*
Chole	15,918	*	*	-	*	*	*
Amigna	11,176	*	*	-	*	*	*
Seru	18,205	*	*	-	*	*	*
Robe	27,062	*	*	-	*	*	*
Tena	20,684	*	*	-	*	*	*
Sherka	26,405	-	-	-	-	-	-
Digeluna Tijo	22,181	*	*	-	*	*	*
Tiyo	15,978	150	207	0.01	2,948	9.69	9
Munesa	35,171	*	*	-	*	*	*
Bekoji	35,995	*	*	-	*	*	*
Gedeb	24,847	*	*	-	*	*	*
Kofele	42,028	*	*	-	*	*	*
West Harerge Zone	291,356	928	1,141	0.00	9,808	7.76	6
Mieso	16,400	*	*	-	*	*	*
Doba	22,768	-	-	-	-	-	-
Tulo	24,329	*	*	-	*	*	*
Mesela	25,840	173	173	0.01	964	5.57	*
Chiro	62,368	*	*	-	*	*	*
Goba Koricha	20,014	*	*	-	*	*	*
Anchar	13,430	*	*	-	*	*	*
Habro	30,386	278	278	0.01	3,229	11.62	5
Darolebu	26,978	*	*	-	*	*	*
Boke	22,144	*	*	-	*	*	*
Kuni	26,701	*	*	-	*	*	*
East Harerge Zone	387,193	1,210	1,336	0.00	10,662	7.31	8
Kombolcha	20,710	*	*	-	*	*	*
Jarso	17,052	*	*	-	*	*	*
Gursum	25,567	*	*	-	*	*	*
Babile	10,237	*	*	-	*	*	*
Fedis	24,565	*	*	-	*	*	*
Haro Maya	31,404	*	*	-	*	*	*
Kurfa Chele	7,122	*	*	-	*	*	*
Kersa	27,745	*	*	-	*	*	*

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

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 Winnowers (Birr)	Average Duration of Service of Winnowers (Years)
East Harerge Zone							
Meta	43,775	-	-	-	-	-	-
Goro Gutu	25,718	*	*	-	*	*	*
Deder	38,265	*	*	-	*	*	*
Malka Balo	24,930	139	158	0.01	*	*	*
Bedeno	43,356	*	*	-	*	*	*
Girawa	38,886	*	*	-	*	*	*
Gola Oda	7,861	*	*	-	*	*	*
Bale Zone	259,058	601	639	0.00	3,518	4.89	7
Kokosa	23,375	*	*	-	*	*	*
Dodola	23,650	*	*	-	*	*	*
Adaba	19,856	110	110	0.01	484	4.40	*
Agarfa	13,146	*	*	-	*	*	*
Gasera	12,088	-	-	-	-	-	-
Gololcha	14,914	-	-	-	-	-	-
Legehida	8,094	-	-	-	-	-	-
Ginir	21,653	*	*	-	*	*	*
Sinanana Dinsho	24,988	*	*	-	*	*	*
Goba	7,183	*	*	-	*	*	*
Mennana Arena Buluk	19,198	*	*	-	*	*	*
Nensebo	14,169	*	*	-	*	*	*
Meda Welabu	12,557	*	*	-	*	*	*
Berbere	10,213	-	-	-	-	-	-
Guradamole	4,160	-	-	-	-	-	-
Goro	15,934	-	-	-	-	-	-
Raytu	6,168	-	-	-	-	-	-
Seweyna	7,711	-	-	-	-	-	-
Borena Zone	283,104	*	*	-	*	*	*
Uruga	42,623	-	-	-	-	-	-
Bore	30,433	-	-	-	-	-	-
Adolana Wadera	22,616	-	-	-	-	-	-
Odo Shakiso	14,015	-	-	-	-	-	-
Hager Mariam	86,116	-	-	-	-	-	-
Yabelo	10,081	*	*	-	*	*	*
Arero	3,331	-	-	-	-	-	-
Liben	14,844	*	*	-	*	*	*
Moyale	10,736	-	-	-	-	-	-
Dire	13,719	*	*	-	*	*	*
Teltele	7,361	-	-	-	-	-	-
Gelana Abaya	27,229	-	-	-	-	-	-

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)
Oromia Region	3,981,704	969,714	1,087,145	0.27	8,963,176	7.40	8
West Welega Zone	313,923	10,686	13,198	0.04	39,550	2.53	4
Mana Sibu	27,022	1,621	1,954	0.07	3,363	1.47	3
Nejo	17,916	1,342	*	-	*	*	2
Gimbi	17,096	*	*	-	*	*	*
Lalo Asabi	10,906	*	*	-	*	*	*
Boji	15,188	*	*	-	*	*	*
Ayra Guliso	16,371	*	*	-	*	*	*
Jarso	16,190	1,664	1,909	0.12	7,147	3.56	5
Gidami	13,636	-	-	-	-	-	-
Jimma Horo	6,869	204	216	0.03	876	3.90	5
Hawa Welel	17,315	799	926	0.05	5,786	5.43	6
Gawo Dale	23,820	875	988	0.04	4,635	4.16	4
Dale Sadi	11,117	792	824	0.07	2,739	3.04	4
Yubdo	5,640	-	-	-	-	-	-
Ganji	9,611	*	*	-	*	*	*
Haru	11,508	603	922	0.08	1,567	1.13	2
Nole Kaba	23,388	1,131	1,546	0.07	*	*	2
Lalo Kilie	7,900	-	-	-	-	-	-
Sayo	19,844	371	469	0.02	*	*	*
Anfilo	11,848	*	*	-	*	*	*
Begi	30,734	145	*	-	*	*	*
East Welega Zone	260,893	43,705	51,475	0.20	229,444	3.84	6
Limu	20,690	952	1,061	0.05	5,391	4.76	6
Ibantu	5,087	37	43	0.01	53	1.09	1
Gida Kiremu	22,168	5,080	5,595	0.25	32,194	5.24	7
Jarte	7,363	2,204	2,431	0.33	9,864	3.63	5
Amuru	7,739	1,046	1,138	0.15	4,028	3.28	4
Abe Dongoro	9,470	2,369	2,625	0.28	13,623	4.51	6
Jimma Horo	24,023	10,125	11,501	0.48	53,805	4.17	6
Abay Chomen	4,715	789	904	0.19	3,629	3.45	4
Guduru	21,520	3,060	3,470	0.16	17,695	4.44	5
Jimma Rare	7,738	2,599	2,845	0.37	14,474	4.72	6
Bila Seyo	13,470	2,379	2,839	0.21	10,555	3.05	5
Sibu Sire	15,203	2,447	3,294	0.22	12,905	3.13	5
Guto Wayu	28,487	3,463	3,981	0.14	*	4.55	6
Sasiga	11,346	216	312	0.03	1,507	3.14	*
Leka Dulecha	10,555	991	1,283	0.12	2,466	1.56	4
Diga	11,868	823	972	0.08	4,264	3.75	5
Jimma Arjo	13,333	3,699	5,576	0.42	14,794	1.86	5
Nunu Kumba	10,438	509	509	0.05	1,042	2.06	4
Wama Bonaya	15,680	*	*	-	*	*	*
Illibabor Zone	195,287	6,106	8,109	0.04	23,321	2.48	4
Darimu	22,324	*	*	-	*	*	*
Supena Sodo	13,139	490	799	0.06	1,149	1.01	3
Chora	19,554	787	815	0.04	*	*	4
Dega	10,191	166	166	0.02	621	3.74	4
Bedele	20,513	*	*	-	*	*	*
Gechi	10,893	522	620	0.06	728	1.00	3
Borecha Wereda	9,030	582	1,225	0.14	1,030	0.69	2
Dedesa	14,033	813	1,043	0.07	4,278	3.42	7
yayu	19,201	1,430	1,605	0.08	*	4.57	6
Metu	22,651	*	*	-	*	*	*

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

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)
Illibabor Zone.....							
Ale	17,356	*	*	-	*	*	*
Bure	11,992	262	306	0.03	1,313	3.85	5
Nono	4,411	-	-	-	-	-	-
Jimma Zone	443,315	31,168	38,046	0.09	142,943	3.15	5
Limu Seka	29,245	177	*	-	682	*	3
Limu Kosa	45,921	3,983	4,988	0.11	22,715	3.51	4
Sokoru	25,586	*	*	-	*	*	*
Tiro Afeta	24,135	2,367	2,941	0.12	12,778	3.49	7
Kersa	29,474	5,381	8,496	0.29	25,271	2.26	4
Mana	27,816	*	*	-	*	*	*
Goma	49,523	746	815	0.02	3,399	3.91	*
Gera	20,803	2,632	3,200	0.15	14,202	3.42	4
Seka chekorsa	56,422	4,195	4,499	0.08	17,079	3.57	8
Dedo	54,035	6,820	7,585	0.14	*	3.18	5
Omonada	45,972	4,006	4,264	0.09	16,262	3.58	4
Sigmo	16,132	-	-	-	-	-	-
Setema	18,249	602	637	0.03	1,674	2.47	3
West Shewa Zone.....	502,591	188,975	214,727	0.43	1,654,537	6.76	8
Ginde Beret	33,630	13,512	19,019	0.57	100,553	3.81	7
Jeldu	33,701	12,953	14,637	0.43	104,397	6.26	9
Ambo	40,122	16,675	17,814	0.44	79,108	4.16	7
Cheliya	37,011	12,293	13,123	0.35	69,969	4.95	7
Bako Tibe	19,389	2,975	3,386	0.17	12,592	3.50	6
Dano	15,544	3,753	4,250	0.27	20,579	4.30	5
Nono	23,140	9,024	10,151	0.44	60,209	5.00	6
Tikur	12,596	4,318	4,401	0.35	19,740	4.40	8
Amaya	21,943	6,602	7,007	0.32	45,968	6.09	6
Wonchi	17,405	6,073	6,221	0.36	34,743	5.40	6
Dendi	37,106	16,986	18,205	0.49	144,609	7.40	12
Ejerie	15,219	7,625	8,947	0.59	82,719	7.76	9
Adda Berga	19,302	7,924	9,917	0.51	84,999	7.01	9
Walmara	17,073	8,064	9,361	0.55	110,423	9.96	10
Alem Gana	20,607	8,693	10,337	0.50	147,053	11.95	8
Kersana Kondaltiti	22,051	12,529	14,181	0.64	150,589	9.59	6
Tole	10,401	4,917	5,483	0.53	71,269	11.55	6
Elu	10,354	4,178	4,917	0.47	54,271	9.52	8
Dawo	13,068	6,192	7,055	0.54	69,153	8.70	8
Walisona Goro	35,633	7,213	7,841	0.22	46,486	5.52	7
Becho	11,294	4,985	5,493	0.49	54,782	8.92	7
Kokir	12,362	4,311	4,441	0.36	36,528	7.98	6
Meta Robi	23,639	7,182	8,539	0.36	53,799	5.30	11
North Shewa(Oromia) Zone.....	237,011	96,633	111,670	0.47	1,165,843	9.25	10
Wara Jarso	25,009	8,620	12,770	0.51	82,403	4.56	9
Dera	35,035	15,995	19,549	0.56	110,542	4.59	6
Hidabu Abote	15,884	4,166	5,308	0.33	41,403	6.22	7
Kuyu	20,090	6,461	7,537	0.38	51,093	5.91	10
Degem	17,936	6,290	7,116	0.40	67,344	8.50	10
Gerar Jarso	13,163	6,353	6,874	0.52	75,009	10.03	9
Yaya Gulelana Debre Libano	16,566	7,085	7,731	0.47	83,994	9.93	8
Wuchalena Jido	22,017	10,020	10,450	0.47	128,094	11.71	10
Abichuna Gna'a	11,868	4,879	5,230	0.44	42,735	7.64	11
Kembibit	10,860	3,865	3,996	0.37	53,878	12.91	10
Berehna Aleltu	24,774	11,538	12,787	0.52	221,716	15.39	11
Mulona Sululta	23,810	11,362	12,323	0.52	207,630	15.43	14

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

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)
East Shewa Zone	314,966	87,286	100,425	0.32	1,173,224	10.15	7
Fentale	6,677	*	*	-	*	*	*
Boset	24,837	7,535	8,185	0.33	86,594	9.57	8
Adama	26,906	9,820	10,578	0.39	123,153	10.89	7
Lome	14,564	6,708	7,463	0.51	89,840	10.66	9
Gimbichu	15,569	8,362	9,155	0.59	141,718	14.21	10
Ada'a Liben Chukala	40,176	19,383	23,987	0.60	332,869	11.29	7
Dugda Bora	28,844	8,780	10,637	0.37	68,943	5.49	7
Adami Tullu Jido Kombolcha	23,794	1,492	1,492	0.06	13,623	9.13	7
Arsi Negele	26,584	8,188	9,275	0.35	74,917	7.12	6
Shashemene	46,108	8,869	9,850	0.21	99,390	9.05	6
Seraro	48,209	*	*	-	*	*	*
Akaki	12,696	7,279	8,816	0.69	131,301	12.34	7
Arsi Zone	493,007	231,749	252,307	0.51	2,225,894	8.07	9
Merti	22,750	11,687	12,415	0.55	136,623	10.23	9
Aseko	14,396	8,609	9,530	0.66	67,709	6.33	8
Gololcha	29,178	11,240	11,680	0.40	86,667	7.10	8
Jeju	22,217	8,483	8,821	0.40	116,558	12.64	7
Dodotana Sire	22,887	9,478	10,132	0.44	122,520	11.34	11
Zeway Dugda	21,200	5,682	6,029	0.28	63,043	9.85	10
Hitosa	39,229	21,229	23,356	0.60	275,069	10.73	11
Sude	25,501	10,437	11,091	0.43	98,262	8.20	9
Chole	15,918	8,486	9,355	0.59	100,668	9.68	9
Amigna	11,176	4,719	4,904	0.44	39,522	7.76	8
Seru	18,205	6,859	7,272	0.40	63,531	8.23	9
Robe	27,062	11,557	12,202	0.45	91,390	7.10	9
Tena	20,684	11,782	12,790	0.62	92,170	6.62	9
Sherka	26,405	13,938	15,283	0.58	105,136	6.24	12
Digeluna Tijo	22,181	12,156	13,281	0.60	112,501	7.65	10
Tiyo	15,978	8,541	9,802	0.61	142,586	12.60	11
Munesa	35,171	18,806	21,473	0.61	166,439	6.78	9
Bekoji	35,995	16,340	18,347	0.51	124,740	6.08	9
Gedeb	24,847	13,193	14,586	0.59	95,879	5.90	7
Kofele	42,028	18,527	19,957	0.47	124,881	5.80	9
West Harerge Zone	291,356	107,280	116,313	0.40	1,157,968	9.15	7
Mieso	16,400	4,974	5,392	0.33	80,370	14.01	5
Doba	22,768	11,150	11,994	0.53	94,208	7.31	10
Tulo	24,329	7,447	7,696	0.32	70,949	8.92	7
Mesela	25,840	6,928	7,127	0.28	47,970	6.46	6
Chiro	62,368	24,454	26,328	0.42	291,955	10.24	9
Goba Koricha	20,014	9,213	10,409	0.52	116,435	10.29	7
Anchar	13,430	7,142	8,062	0.60	71,323	8.01	7
Habro	30,386	8,168	9,111	0.30	91,644	8.51	7
Darolebu	26,978	10,399	10,890	0.40	82,373	7.20	5
Boke	22,144	6,207	6,665	0.30	63,268	8.80	7
Kuni	26,701	11,199	12,641	0.47	147,475	10.33	6
East Harerge Zone	387,193	87,873	95,304	0.25	584,543	5.65	7
Kombolcha	20,710	3,374	3,486	0.17	22,832	6.33	4
Jarso	17,052	3,204	3,361	0.20	24,334	6.91	6
Gursum	25,567	1,288	1,288	0.05	9,409	7.31	6
Babile	10,237	2,409	2,632	0.26	24,617	8.62	6
Fedis	24,565	11,328	13,633	0.55	109,477	6.71	8
Haro Maya	31,404	5,326	6,029	0.19	46,496	6.90	8
Kurfa Chele	7,122	1,699	1,768	0.25	13,487	7.33	9
Kersa	27,745	7,372	7,928	0.29	58,736	7.02	7

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

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)
East Harerge Zone							
Meta	43,775	11,107	11,928	0.27	54,808	4.31	6
Goro Gutu	25,718	5,462	5,729	0.22	42,525	7.08	9
Deder	38,265	7,295	7,491	0.20	43,456	5.59	8
Malka Balo	24,930	5,922	6,254	0.25	46,069	6.90	6
Bedeno	43,356	11,156	12,515	0.29	40,241	2.89	7
Girawa	38,886	8,086	8,179	0.21	32,236	3.91	7
Gola Oda	7,861	2,845	3,082	0.39	15,819	4.72	5
Bale Zone	259,058	70,693	75,232	0.29	515,971	6.48	8
Kokosa	23,375	1,439	1,474	0.06	8,503	5.63	6
Dodola	23,650	11,238	12,478	0.53	60,714	4.34	7
Adaba	19,856	8,304	8,682	0.44	47,631	5.27	8
Agarfa	13,146	6,830	7,314	0.56	54,362	6.94	9
Gasera	12,088	3,707	3,812	0.32	36,642	9.35	8
Gololcha	14,914	4,997	5,145	0.34	39,650	7.50	11
Leghida	8,094	473	548	0.07	2,579	3.89	3
Ginir	21,653	7,123	7,495	0.35	65,670	8.23	7
Sinanana Dinsho	24,988	11,310	11,878	0.48	86,942	7.09	9
Goba	7,183	3,863	4,183	0.58	28,370	6.31	8
Mennana Arena Buluk	19,198	1,707	1,768	0.09	9,603	5.28	4
Nensebo	14,169	2,004	2,144	0.15	10,174	4.52	6
Meda Welabu	12,557	174	218	0.02	*	*	*
Berbere	10,213	1,022	1,112	0.11	8,471	6.99	5
Guradamole	4,160	1,031	1,044	0.25	6,808	6.46	5
Goro	15,934	5,204	5,652	0.35	46,377	7.77	7
Raytu	6,168	-	-	-	-	-	-
Seweyna	7,711	266	284	0.04	2,680	7.49	4
Borena Zone	283,104	7,559	10,340	0.04	49,937	3.68	4
Uraga	42,623	*	*	-	*	*	*
Bore	30,433	*	*	-	*	*	*
Adolana Wadera	22,616	1,450	1,997	0.09	6,432	2.34	4
Odo Shakiso	14,015	283	293	0.02	1,688	5.42	3
Hager Mariam	86,116	*	*	-	*	*	*
Yabelo	10,081	66	*	-	*	*	4
Arero	3,331	76	88	0.03	282	2.69	4
Liben	14,844	2,907	3,816	0.26	25,338	4.92	3
Moyale	10,736	*	*	-	*	*	*
Dire	13,719	961	1,578	0.12	6,760	3.36	5
Teltele	7,361	426	626	0.09	1,393	1.43	3
Gelana Abaya	27,229	*	*	-	*	*	*

TABLE 8. 19A: - Number of Holders Reporting Cart Owned, Quantity Reported, Replacement Value, Duration of Service of Cart, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Carts Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Cart (Birr)	Average Duration of Service of Cart (Years)
Oromia Region	3,981,704	37,604	43,940	0.01	6,970,164	147.37	6
West Welega Zone	313,923	149	149	0.00	383	2.57	3
Mana Sibu	27,022	*	*	-	*	*	*
Nejo	17,916	*	*	-	*	*	*
Gimbi	17,096	*	*	-	*	*	*
Lalo Asabi	10,906	-	-	-	-	-	-
Boji	15,188	-	-	-	-	-	-
Ayra Guliso	16,371	-	-	-	-	-	-
Jarso	16,190	-	-	-	-	-	-
Gidami	13,636	*	*	-	*	*	*
Jimma Horo	6,869	-	-	-	-	-	-
Hawa Welel	17,315	-	-	-	-	-	-
Gawo Dale	23,820	-	-	-	-	-	-
Dale Sadi	11,117	-	-	-	-	-	-
Yubdo	5,640	-	-	-	-	-	-
Ganji	9,611	-	-	-	-	-	-
Haru	11,508	-	-	-	-	-	-
Nole Kaba	23,388	*	*	-	*	*	*
Lalo Kilie	7,900	-	-	-	-	-	-
Sayo	19,844	*	*	-	*	*	*
Anfilo	11,848	-	-	-	-	-	-
Begi	30,734	-	-	-	-	-	-
East Welega Zone	260,893	272	272	0.00	129,133	474.75	4
Limu	20,690	-	-	-	-	-	-
Ibantu	5,087	*	*	-	*	*	*
Gida Kiremu	22,168	-	-	-	-	-	-
Jarte	7,363	-	-	-	-	-	-
Amuru	7,739	*	*	-	*	*	*
Abe Dongoro	9,470	-	-	-	-	-	-
Jimma Horo	24,023	-	-	-	-	-	-
Abay Chomen	4,715	*	*	-	*	*	*
Guduru	21,520	*	*	-	*	*	*
Jimma Rare	7,738	83	83	0.01	69,687	839.60	3
Bila Seyo	13,470	-	-	-	-	-	-
Sibu Sire	15,203	-	-	-	-	-	-
Guto Wayu	28,487	-	-	-	-	-	-
Sasiga	11,346	-	-	-	-	-	-
Leka Dulecha	10,555	-	-	-	-	-	-
Diga	11,868	*	*	-	*	*	*
Jimma Arjo	13,333	-	-	-	-	-	-
Nunu Kumba	10,438	*	*	-	*	*	*
Wama Bonaya	15,680	-	-	-	-	-	-
Illibabor Zone	195,287	*	*	-	*	*	*
Darimu	22,324	-	-	-	-	-	-
Supena Sodo	13,139	-	-	-	-	-	-
Chora	19,554	-	-	-	-	-	-
Dega	10,191	-	-	-	-	-	-
Bedele	20,513	*	*	-	*	*	*
Gechi	10,893	-	-	-	-	-	-
Borecha Wereda	9,030	-	-	-	-	-	-
Dedesa	14,033	-	-	-	-	-	-
yayu	19,201	-	-	-	-	-	-
Metu	22,651	*	*	-	*	*	*

TABLE 8. 19A: - Number of Holders Reporting Cart Owned, Quantity Reported, Replacement Value, Duration of

Service of Cart, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Carts Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Cart (Birr)	Average Duration of Service of Cart (Years)
Illibabor Zone.....							
Ale	17,356	-	-	-	-	-	-
Bure	11,992	-	-	-	-	-	-
Nono	4,411	-	-	-	*	-	-
Jimma Zone	443,315	*	*	-	*	*	*
Limu Seka	29,245	-	-	-	-	-	-
Limu Kosa	45,921	-	-	-	-	-	-
Sokoru	25,586	-	-	-	-	-	-
Tiro Afeta	24,135	-	-	-	-	-	-
Kersa	29,474	*	*	-	*	*	*
Mana	27,816	-	-	-	-	-	-
Goma	49,523	-	-	-	-	-	-
Gera	20,803	-	-	-	-	-	-
Seka chekorsa	56,422	*	*	-	*	*	*
Dedo	54,035	-	-	-	-	-	-
Omonada	45,972	-	-	-	-	-	-
Sigmo	16,132	-	-	-	-	-	-
Setema	18,249	-	-	-	-	-	-
West Shewa Zone.....	502,591	2,274	2,587	0.01	757,367	267.39	5
Ginde Beret	33,630	-	-	-	-	-	-
Jeldu	33,701	-	-	-	-	-	-
Ambo	40,122	-	-	-	-	-	-
Cheliya	37,011	*	*	-	*	*	*
Bako Tibe	19,389	*	*	-	*	*	*
Dano	15,544	-	-	-	-	-	-
Nono	23,140	*	*	-	*	*	*
Tikur	12,596	-	-	-	-	-	-
Amaya	21,943	-	-	-	-	-	-
Wonchi	17,405	-	-	-	-	-	-
Dendi	37,106	-	-	-	-	-	-
Ejerie	15,219	*	*	-	*	*	*
Adda Berga	19,302	-	-	-	-	-	-
Walmara	17,073	1,189	1,341	0.08	54,689	38.04	5
Alem Gana	20,607	*	*	-	*	*	*
Kersana Kondaltiti	22,051	*	*	-	*	*	*
Tole	10,401	118	131	0.01	135,505	924.64	6
Elu	10,354	134	147	0.01	151,375	923.97	5
Dawo	13,068	*	*	-	*	*	*
Walisona Goro	35,633	-	-	-	-	-	-
Becho	11,294	*	*	-	*	*	*
Kokir	12,362	*	*	-	*	*	*
Meta Robi	23,639	-	-	-	-	-	-
North Shewa(Oromia) Zone.....	237,011	204	262	0.00	*	*	5
Wara Jarso	25,009	-	-	-	-	-	-
Dera	35,035	-	-	-	-	-	-
Hidabu Abote	15,884	-	-	-	-	-	-
Kuyu	20,090	-	-	-	-	-	-
Degem	17,936	*	*	-	*	*	*
Gerar Jarso	13,163	-	-	-	-	-	-
Yaya Gulelena Debre Libano	16,566	*	*	-	*	*	*
Wuchalena Jido	22,017	-	-	-	-	-	-
Abichuna Gna'a	11,868	-	-	-	-	-	-
Kembibit	10,860	-	-	-	-	-	-
Berehna Aleltu	24,774	-	-	-	-	-	-
Mulona Sululta	23,810	*	*	-	*	*	*

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

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Carts Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Cart (Birr)	Average Duration of Service of Cart (Years)
East Shewa Zone	314,966	11,418	11,971	0.04	4,408,206	339.77	10
Fentale	6,677	-	-	-	-	-	-
Boset	24,837	-	-	-	-	-	-
Adama	26,906	*	*	-	*	*	*
Lome	14,564	*	*	-	*	*	*
Gimbichu	15,569	-	-	-	-	-	-
Ada'a Liben Chukala	40,176	*	*	-	*	*	*
Dugda Bora	28,844	5,560	5,765	0.20	1,228,225	207.11	11
Adami Tullu Jido Kombolcha	23,794	2,464	2,518	0.11	703,475	273.22	10
Arsi Negele	26,584	1,071	1,100	0.04	409,162	*	6
Shashemene	46,108	2,100	2,349	0.05	1,906,021	711.29	9
Seraro	48,209	*	*	-	*	*	*
Akaki	12,696	*	*	-	*	*	*
Arsi Zone	493,007	14,723	16,979	0.03	1,236,247	68.92	5
Merti	22,750	*	*	-	*	*	*
Aseko	14,396	*	*	-	*	*	*
Gololcha	29,178	-	-	-	-	-	-
Jeju	22,217	*	*	-	*	*	*
Dodotana Sire	22,887	360	386	0.02	220,155	*	7
Zeway Dugda	21,200	565	620	0.03	265,182	426.83	17
Hitosa	39,229	*	*	-	*	*	*
Sude	25,501	1,038	1,100	0.04	14,908	12.93	3
Chole	15,918	*	*	-	*	*	*
Amigna	11,176	-	-	-	-	-	-
Seru	18,205	*	*	-	*	*	*
Robe	27,062	1,562	1,588	0.06	22,651	14.01	3
Tena	20,684	-	-	-	-	-	-
Sherka	26,405	*	*	-	*	*	*
Digeluna Tijo	22,181	1,504	*	-	*	*	4
Tiyo	15,978	3,715	4,240	0.27	171,108	36.10	4
Munesa	35,171	2,010	2,542	0.07	*	*	5
Bekoji	35,995	447	482	0.01	34,674	71.21	9
Gedeb	24,847	1,698	1,798	0.07	*	*	3
Kofele	42,028	*	*	-	*	*	*
West Harerge Zone	291,356	431	*	-	7,832	*	7
Mieso	16,400	-	-	-	-	-	-
Doba	22,768	-	-	-	-	-	-
Tulo	24,329	-	-	-	-	-	-
Mesela	25,840	*	*	-	*	*	*
Chiro	62,368	*	*	-	*	*	*
Goba Koricha	20,014	*	*	-	*	*	*
Anchar	13,430	-	-	-	-	-	-
Habro	30,386	-	-	-	-	-	-
Darolebu	26,978	*	*	-	*	*	*
Boke	22,144	-	-	-	-	-	-
Kuni	26,701	-	-	-	-	-	-
East Harerge Zone	387,193	777	964	0.00	*	*	7
Kombolcha	20,710	-	-	-	-	-	-
Jarso	17,052	-	-	-	-	-	-
Gursum	25,567	*	*	-	*	*	*
Babile	10,237	-	-	-	-	-	-
Fedis	24,565	*	*	-	*	*	*
Haro Maya	31,404	*	*	-	*	*	*
Kurfa Chele	7,122	-	-	-	-	-	-
Kersa	27,745	*	*	-	*	*	*

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

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Carts Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Cart (Birr)	Average Duration of Service of Cart (Years)
East Harerge Zone							
Meta	43,775	*	*	-	*	*	*
Goro Gutu	25,718	*	*	-	*	*	*
Deder	38,265	-	-	-	-	-	-
Malka Balo	24,930	*	*	-	*	*	*
Bedeno	43,356	*	*	-	*	*	*
Girawa	38,886	*	*	-	*	*	*
Gola Oda	7,861	*	*	-	*	*	*
Bale Zone	259,058	3,802	4,375	0.02	260,690	58.36	4
Kokosa	23,375	*	*	-	*	*	*
Dodola	23,650	1,260	1,591	0.07	17,125	8.37	*
Adaba	19,856	*	*	-	*	*	*
Agarfa	13,146	*	*	-	*	*	*
Gasera	12,088	294	345	0.03	2,781	7.24	3
Gololcha	14,914	*	*	-	*	*	*
Legehida	8,094	-	-	-	-	-	-
Ginir	21,653	173	173	0.01	*	*	*
Sinanana Dinsho	24,988	*	*	-	8,850	*	*
Goba	7,183	-	-	-	-	-	-
Mennana Arena Buluk	19,198	-	-	-	-	-	-
Nensebo	14,169	-	-	-	-	-	-
Meda Welabu	12,557	-	-	-	-	-	-
Berbere	10,213	-	-	-	-	-	-
Guradamole	4,160	-	-	-	-	-	-
Goro	15,934	*	*	-	*	*	*
Raytu	6,168	-	-	-	-	-	-
Seweyna	7,711	-	-	-	-	-	-
Borena Zone	283,104	*	*	-	*	*	*
Uraga	42,623	-	-	-	-	-	-
Bore	30,433	*	*	-	*	*	*
Adolana Wadera	22,616	*	*	-	*	*	*
Odo Shakiso	14,015	43	43	0.00	2,129	49.51	2
Hager Mariam	86,116	*	*	-	*	*	*
Yabelo	10,081	-	-	-	-	-	-
Arero	3,331	-	-	-	-	-	-
Liben	14,844	-	-	-	-	-	-
Moyale	10,736	-	-	-	-	-	-
Dire	13,719	-	-	-	-	-	-
Teltele	7,361	-	-	-	-	-	-
Gelana Abaya	27,229	-	-	-	-	-	-

TABLE 8. 20A: - 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)
Oromia Region	3,981,704	57,062	61,051	0.02	15,408,997	248.90	8
West Welega Zone	313,923	3,181	3,876	0.01	445,084	113.82	5
Mana Sibu	27,022	494	675	0.02	*	*	*
Nejo	17,916	*	*	-	*	*	*
Gimbi	17,096	169	169	0.01	30,298	179.28	6
Lalo Asabi	10,906	199	256	0.02	19,347	74.86	5
Boji	15,188	129	208	0.01	*	*	8
Ayra Guliso	16,371	100	100	0.01	*	*	*
Jarso	16,190	*	*	-	*	*	*
Gidami	13,636	349	390	0.03	64,941	165.85	6
Jimma Horo	6,869	124	124	0.02	37,332	301.06	5
Hawa Welel	17,315	175	195	0.01	*	*	5
Gawo Dale	23,820	359	455	0.02	*	*	5
Dale Sadi	11,117	90	90	0.01	*	*	*
Yubdo	5,640	*	*	-	*	*	*
Ganji	9,611	*	*	-	*	*	*
Haru	11,508	156	156	0.01	*	*	6
Nole Kaba	23,388	*	*	-	*	*	*
Lalo Kilie	7,900	45	*	-	*	*	*
Sayo	19,844	138	209	0.01	*	*	7
Anfilo	11,848	138	162	0.01	36,203	221.74	5
Begi	30,734	198	238	0.01	*	*	*
East Welega Zone	260,893	1,904	2,752	0.01	276,158	99.09	6
Limu	20,690	*	*	-	*	*	*
Ibantu	5,087	*	*	-	*	*	*
Gida Kiremu	22,168	236	*	-	*	*	*
Jarte	7,363	58	97	0.01	*	*	5
Amuru	7,739	*	*	-	*	*	*
Abe Dongoro	9,470	*	*	-	*	*	*
Jimma Horo	24,023	*	*	-	*	*	*
Abay Chomen	4,715	67	*	-	*	*	*
Guduru	21,520	171	171	0.01	55,709	325.78	*
Jimma Rare	7,738	84	84	0.01	25,228	300.34	6
Bila Seyo	13,470	174	257	0.02	*	*	6
Sibu Sire	15,203	112	129	0.01	*	*	6
Guto Wayu	28,487	*	*	-	*	*	*
Sasiga	11,346	92	192	0.02	1,052	2.64	4
Leka Dulecha	10,555	*	*	-	*	*	*
Diga	11,868	134	238	0.02	823	*	5
Jimma Arjo	13,333	*	*	-	*	*	*
Nunu Kumba	10,438	*	*	-	*	*	*
Wama Bonaya	15,680	*	*	-	*	*	*
Illibabor Zone	195,287	2,308	2,466	0.01	398,745	161.40	8
Darimu	22,324	258	258	0.01	*	*	6
Supena Sodo	13,139	68	68	0.01	*	*	*
Chora	19,554	450	450	0.02	93,927	208.73	7
Dega	10,191	*	*	-	*	*	*
Bedele	20,513	161	219	0.01	*	*	6
Gechi	10,893	*	*	-	*	*	*
Borecha Wereda	9,030	136	147	0.02	30,580	207.74	5
Dedesa	14,033	183	183	0.01	23,238	126.98	8
yayu	19,201	333	333	0.02	67,030	201.29	6
Metu	22,651	232	232	0.01	*	*	8

TABLE 8. 20A: - Number of Holders Reporting Sprayer (Hand operated) Owned, Quantity Reported, Replacement Value, Duration of Service of Sprayer, for Private Holdings. (Continued.)

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)
Illibabor Zone.....							
Ale	17,356	255	255	0.01	54,547	213.91	13
Bure	11,992	117	151	0.01	*	*	*
Nono	4,411	-	-	-	-	-	-
Jimma Zone	443,315	10,365	10,740	0.02	2,972,439	273.30	8
Limu Seka	29,245	487	525	0.02	147,460	279.40	5
Limu Kosa	45,921	2,315	2,315	0.05	585,602	252.96	7
Sokoru	25,586	*	*	-	*	*	*
Tiro Afeta	24,135	494	556	0.02	150,177	268.97	8
Kersa.....	29,474	872	872	0.03	355,304	407.46	11
Mana	27,816	142	142	0.01	*	*	*
Goma	49,523	887	1,022	0.02	252,560	213.51	7
Gera	20,803	1,387	1,387	0.07	436,669	314.83	8
Seka chekorsa.....	56,422	866	866	0.02	203,067	234.49	10
Dedo	54,035	1,117	1,117	0.02	399,850	357.97	12
Omonada	45,972	955	1,023	0.02	210,480	204.75	7
Sigmo.....	16,132	402	448	0.03	105,411	234.42	8
Setema	18,249	354	354	0.02	91,950	259.75	8
West Shewa Zone.....	502,591	9,958	10,122	0.02	3,059,290	300.80	8
Ginde Beret	33,630	1,439	1,439	0.04	570,815	396.68	7
Jeldu.....	33,701	465	502	0.01	177,031	352.36	11
Ambo.....	40,122	835	835	0.02	288,978	346.08	10
Cheliya.....	37,011	262	262	0.01	*	*	*
Bako Tibe	19,389	93	93	0.00	*	*	*
Dano	15,544	326	362	0.02	79,660	219.91	9
Nono	23,140	728	728	0.03	325,727	447.43	8
Tikur	12,596	139	139	0.01	28,174	202.69	8
Amaya	21,943	254	254	0.01	83,021	326.86	6
Wonchi	17,405	174	174	0.01	47,092	270.64	5
Dendi	37,106	275	275	0.01	70,419	256.07	13
Ejerie	15,219	159	159	0.01	34,166	214.88	13
Adda Berga.....	19,302	507	507	0.03	167,494	330.36	11
Walmara	17,073	471	471	0.03	151,780	322.25	10
Alem Gana.....	20,607	336	385	0.02	69,713	179.56	8
Kersana Kondaltiti	22,051	*	*	-	207,165	*	*
Tole.....	10,401	287	287	0.03	130,881	456.03	10
Elu	10,354	177	203	0.02	51,093	229.91	11
Dawo	13,068	170	187	0.01	97,028	468.64	11
Walisona Goro.....	35,633	214	214	0.01	*	*	*
Becho.....	11,294	502	502	0.04	110,233	219.59	6
Kokir.....	12,362	366	366	0.03	59,780	163.33	3
Meta Robi	23,639	440	440	0.02	136,667	310.61	10
North Shewa(Oromia) Zone.....	237,011	2,574	3,051	0.01	576,480	185.16	7
Wara Jarso	25,009	205	338	0.01	*	*	5
Dera	35,035	*	*	-	*	*	*
Hidabu Abote	15,884	121	179	0.01	*	*	9
Kuyu	20,090	133	133	0.01	*	*	12
Degem	17,936	*	*	-	*	*	*
Gerar Jarso.....	13,163	*	*	-	*	*	*
Yaya Gulelena Debre Libano.....	16,566	*	*	-	*	*	*
Wuchalena Jido	22,017	378	491	0.02	36,865	*	2
Abichuna Gna'a	11,868	*	*	-	*	*	*
Kembibit.....	10,860	60	74	0.01	*	*	*
Berehna Aleltu.....	24,774	174	*	-	5,730	*	3
Mulona Sululta	23,810	*	*	-	*	*	*

TABLE 8. 20A: - Number of Holders Reporting Sprayer (Hand operated) Owned, Quantity Reported, Replacement Value, Duration of Service of Sprayer, for Private Holdings. (Continued.)

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)
East Shewa Zone	314,966	7,074	7,134	0.02	2,395,544	333.24	9
Fentale	6,677	60	60	0.01	*	*	*
Boset	24,837	197	197	0.01	67,651	343.41	5
Adama	26,906	875	902	0.03	361,759	381.69	8
Lome	14,564	1,017	1,035	0.07	407,156	393.05	13
Gimbichu	15,569	126	126	0.01	55,319	439.04	10
Ada'a Liben Chukala	40,176	1,750	1,750	0.04	803,265	459.01	9
Dugda Bora	28,844	608	608	0.02	131,858	216.87	10
Adami Tullu Jido Kombolcha	23,794	156	156	0.01	*	*	5
Arsi Negele	26,584	208	208	0.01	75,756	364.21	15
Shashemene	46,108	736	736	0.02	193,689	263.16	8
Seraro	48,209	*	*	-	*	*	*
Akaki	12,696	1,235	1,251	0.10	223,253	178.15	5
Arsi Zone	493,007	9,272	9,893	0.02	3,169,568	310.96	9
Merti	22,750	*	*	-	*	*	*
Aseko	14,396	449	449	0.03	215,437	479.81	12
Gololcha	29,178	221	221	0.01	72,481	327.97	13
Jeju	22,217	252	252	0.01	86,434	342.99	7
Dodotana Sire	22,887	411	443	0.02	202,668	426.21	9
Zeway Dugda	21,200	462	489	0.02	113,038	230.67	10
Hitosa	39,229	991	991	0.03	378,428	381.86	10
Sude	25,501	*	*	-	*	*	*
Chole	15,918	148	148	0.01	36,427	246.13	9
Amigna	11,176	167	180	0.02	78,021	394.35	9
Seru	18,205	295	295	0.02	108,552	367.97	8
Robe	27,062	273	273	0.01	110,262	403.89	10
Tena	20,684	158	158	0.01	54,637	345.80	12
Sherka	26,405	516	516	0.02	108,285	209.85	14
Digeluna Tijo	22,181	*	*	-	*	*	*
Tiyo	15,978	272	326	0.02	100,989	296.51	12
Munesa	35,171	713	713	0.02	318,310	446.44	11
Bekoji	35,995	611	897	0.02	182,710	202.42	8
Gedeb	24,847	1,721	1,721	0.07	199,151	115.72	2
Kofele	42,028	520	520	0.01	165,938	319.11	8
West Harerge Zone	291,356	1,862	1,862	0.01	498,469	267.71	7
Mieso	16,400	*	*	-	*	*	*
Doba	22,768	*	*	-	*	*	*
Tulo	24,329	*	*	-	*	*	*
Mesela	25,840	*	*	-	*	*	*
Chiro	62,368	*	*	-	*	*	*
Goba Koricha	20,014	*	*	-	*	*	*
Anchar	13,430	72	72	0.01	*	*	*
Habro	30,386	676	676	0.02	183,031	270.76	6
Darolebu	26,978	119	119	0.00	*	*	10
Boke	22,144	*	*	-	*	*	*
Kuni	26,701	282	282	0.01	*	*	5
East Harerge Zone	387,193	2,575	2,658	0.01	261,660	97.84	8
Kombolcha	20,710	150	171	0.01	*	*	7
Jarso	17,052	-	-	-	-	-	-
Gursum	25,567	*	*	-	*	*	*
Babile	10,237	-	-	-	-	-	-
Fedis	24,565	*	*	-	*	*	*
Haro Maya	31,404	814	814	0.03	128,032	157.29	12
Kurfa Chele	7,122	*	*	-	*	*	*
Kersa	27,745	138	138	0.00	*	*	*

TABLE 8. 20A: - Number of Holders Reporting Sprayer (Hand operated) Owned, Quantity Reported, Replacement Value, Duration of Service of Sprayer, for Private Holdings. (Continued.)

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)
East Harerge Zone							
Meta	43,775	*	*	-	*	*	*
Goro Gutu	25,718	*	*	-	*	*	*
Deder	38,265	*	*	-	*	*	*
Malka Balo	24,930	128	128	0.01	*	*	*
Bedeno	43,356	871	932	0.02	*	*	5
Girawa	38,886	-	-	-	-	-	-
Gola Oda	7,861	-	-	-	-	-	-
Bale Zone	259,058	4,548	4,724	0.02	1,294,342	268.40	7
Kokosa	23,375	*	*	-	*	*	*
Dodola	23,650	255	255	0.01	68,200	267.45	10
Adaba	19,856	793	822	0.04	280,015	324.72	6
Agarfa	13,146	438	438	0.03	145,675	332.59	9
Gasera	12,088	585	585	0.05	55,632	94.26	3
Gololcha	14,914	194	194	0.01	*	*	7
Legehida	8,094	*	*	-	*	*	*
Ginir	21,653	123	123	0.01	39,377	320.14	14
Sinanana Dinsho	24,988	910	910	0.04	304,966	335.13	8
Goba	7,183	99	99	0.01	31,854	321.76	9
Mennana Arena Buluk	19,198	218	242	0.01	62,195	255.99	8
Nensebo	14,169	235	235	0.02	*	*	8
Meda Welabu	12,557	*	*	-	*	*	*
Berbere	10,213	196	212	0.02	63,062	296.59	5
Guradamole	4,160	31	43	0.01	*	*	12
Goro	15,934	269	317	0.02	114,406	325.03	*
Raytu	6,168	*	*	-	*	*	*
Seweyna	7,711	*	*	-	*	*	*
Borena Zone	283,104	1,443	1,773	0.01	*	*	7
Uraga	42,623	*	*	-	*	*	*
Bore	30,433	*	*	-	*	*	*
Adolana Wadera	22,616	*	*	-	*	*	*
Odo Shakiso	14,015	134	175	0.01	1,493	6.20	5
Hager Mariam	86,116	428	*	-	*	*	*
Yabelo	10,081	*	*	-	*	*	*
Arero	3,331	*	*	-	*	*	*
Liben	14,844	*	*	-	*	*	*
Moyale	10,736	*	*	-	*	*	*
Dire	13,719	*	*	-	*	*	*
Teltele	7,361	-	-	-	-	-	-
Gelana Abaya	27,229	*	*	-	*	*	*

TABLE 8.21A: - 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)
Oromia Region	3,981,704	13,992	14,480	0.00	1,516,648	102.71	9
West Welega Zone	313,923	465	515	0.00	19,522	37.03	5
Mana Sibu	27,022	*	*	-	*	*	*
Nejo	17,916	-	-	-	-	-	-
Gimbi	17,096	*	*	-	*	*	-
Lalo Asabi	10,906	*	*	-	*	*	*
Boji	15,188	*	*	-	*	*	*
Ayra Guliso	16,371	-	-	-	-	-	-
Jarso	16,190	*	*	-	*	*	*
Gidami	13,636	*	*	-	*	*	*
Jimma Horo	6,869	-	-	-	-	-	-
Hawa Welel	17,315	-	-	-	-	-	-
Gawo Dale	23,820	-	-	-	-	-	-
Dale Sadi	11,117	-	-	-	-	-	-
Yubdo	5,640	-	-	-	-	-	-
Ganji	9,611	-	-	-	-	-	-
Haru	11,508	*	*	-	*	*	*
Nole Kaba	23,388	-	-	-	-	-	-
Lalo Kilie	7,900	-	-	-	-	-	-
Sayo	19,844	*	*	-	10,331	*	*
Anfilo	11,848	*	*	-	*	*	*
Begi	30,734	*	*	-	*	*	*
East Welega Zone	260,893	279	331	0.00	11,429	28.19	*
Limu	20,690	*	*	-	*	*	*
Ibantu	5,087	-	-	-	-	-	-
Gida Kiremu	22,168	166	*	-	*	*	*
Jarte	7,363	*	*	-	*	*	*
Amuru	7,739	-	-	-	-	-	-
Abe Dongoro	9,470	*	*	-	*	*	*
Jimma Horo	24,023	-	-	-	-	-	-
Abay Chomen	4,715	-	-	-	-	-	-
Guduru	21,520	-	-	-	-	-	-
Jimma Rare	7,738	-	-	-	-	-	-
Bila Seyo	13,470	-	-	-	-	-	-
Sibu Sire	15,203	*	*	-	*	*	*
Guto Wayu	28,487	-	-	-	-	-	-
Sasiga	11,346	-	-	-	-	-	-
Leka Dulecha	10,555	-	-	-	-	-	-
Diga	11,868	-	-	-	-	-	-
Jimma Arjo	13,333	-	-	-	-	-	-
Nunu Kumba	10,438	-	-	-	-	-	-
Wama Bonaya	15,680	-	-	-	-	-	-
Illibabor Zone	195,287	532	532	0.00	40,112	75.40	6
Darimu	22,324	-	-	-	-	-	-
Supena Sodo	13,139	130	130	0.01	*	*	5
Chora	19,554	*	*	-	*	*	*
Dega	10,191	-	-	-	-	-	-
Bedele	20,513	*	*	-	*	*	*
Gechi	10,893	-	-	-	-	-	-
Borecha Wereda	9,030	-	-	-	-	-	-
Dedesa	14,033	*	*	-	*	*	*
yayu	19,201	*	*	-	*	*	*
Metu	22,651	130	130	0.01	*	*	*

TABLE 8.21A: - Number of Holders Reporting Wheelbarrow Owned, Quantity Reported, Replacement Value and Duration of Service of Wheelbarrow, for Private Holdings. (Continued.)

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)
Illibabor Zone.....							
Ale	17,356	-	-	-	-	-	-
Bure	11,992	*	*	-	*	*	*
Nono	4,411	-	-	-	-	-	-
Jimma Zone	443,315	1,570	1,633	0.00	126,015	75.23	14
Limu Seka	29,245	*	*	-	*	*	*
Limu Kosa	45,921	*	*	-	*	*	*
Sokoru	25,586	*	*	-	*	*	*
Tiro Afeta	24,135	*	*	-	*	*	*
Kersa.....	29,474	155	155	0.01	12,438	80.24	*
Mana	27,816	*	*	-	*	*	*
Goma	49,523	630	693	0.01	36,522	48.14	8
Gera	20,803	-	-	-	-	-	-
Seka chekorsa.....	56,422	*	*	-	*	*	*
Dedo	54,035	*	*	-	*	*	-
Omonada	45,972	*	*	-	*	*	*
Sigmo.....	16,132	-	-	-	-	-	-
Setema	18,249	-	-	-	-	-	-
West Shewa Zone.....	502,591	968	1,064	0.00	98,663	90.96	15
Ginde Beret	33,630	*	*	-	*	*	*
Jeldu.....	33,701	-	-	-	-	-	-
Ambo.....	40,122	-	-	-	-	-	-
Cheliya.....	37,011	*	*	-	*	*	*
Bako Tibe	19,389	*	*	-	*	*	*
Dano	15,544	*	*	-	*	*	*
Nono	23,140	-	-	-	-	-	-
Tikur	12,596	*	*	-	*	*	*
Amaya	21,943	-	-	-	-	-	-
Wonchi	17,405	*	*	-	*	*	*
Dendi	37,106	*	*	-	*	*	*
Ejerie	15,219	*	*	-	*	*	*
Adda Berga.....	19,302	*	*	-	*	*	*
Walmara	17,073	*	*	-	*	*	*
Alem Gana.....	20,607	325	325	0.02	44,000	135.86	14
Kersana Kondaltiti	22,051	*	*	-	*	*	*
Tole.....	10,401	-	-	-	-	-	-
Elu	10,354	*	*	-	*	*	*
Dawo	13,068	-	-	-	-	-	-
Walisona Goro.....	35,633	*	*	-	*	*	*
Becho.....	11,294	*	*	-	*	*	*
Kokir.....	12,362	-	-	-	-	-	-
Meta Robi	23,639	*	*	-	*	*	*
North Shewa(Oromia) Zone.....	237,011	146	146	0.00	*	*	*
Wara Jarso	25,009	*	*	-	*	*	*
Dera	35,035	-	-	-	-	-	-
Hidabu Abote	15,884	-	-	-	-	-	-
Kuyu	20,090	-	-	-	-	-	-
Degem	17,936	*	*	-	*	*	*
Gerar Jarso.....	13,163	-	-	-	-	-	-
Yaya Gulelena Debre Libano....	16,566	-	-	-	-	-	-
Wuchalena Jido	22,017	-	-	-	-	-	-
Abichuna Gna'a	11,868	*	*	-	*	*	*
Kembibit.....	10,860	*	*	-	*	*	*
Berehna Aleltu.....	24,774	*	*	-	*	*	*
Mulona Sululta	23,810	-	-	-	-	-	-

TABLE 8.21A: - Number of Holders Reporting Wheelbarrow Owned, Quantity Reported, Replacement Value and Duration of Service of Wheelbarrow, for Private Holdings. (Continued.)

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)
East Shewa Zone	314,966	3,378	3,452	0.01	419,748	120.73	7
Fentale	6,677	-	-	-	-	-	-
Boset	24,837	*	*	-	*	*	*
Adama	26,906	289	314	0.01	55,351	171.78	10
Lome	14,564	308	308	0.02	58,806	190.93	8
Gimbichu	15,569	-	-	-	-	-	-
Ada'a Liben Chukala	40,176	*	*	-	*	*	*
Dugda Bora	28,844	*	*	-	*	*	*
Adami Tullu Jido Kombolcha	23,794	*	*	-	*	*	*
Arsi Negele	26,584	*	*	-	*	*	*
Shashemene	46,108	1,459	1,508	0.03	149,665	98.20	6
Seraro	48,209	377	377	0.01	41,240	109.39	9
Akaki	12,696	*	*	-	*	*	*
Arsi Zone	493,007	1,467	1,467	0.00	109,994	74.98	9
Merti	22,750	-	-	-	-	-	-
Aseko	14,396	-	-	-	-	-	-
Gololcha	29,178	-	-	-	-	-	-
Jeju	22,217	*	*	-	*	*	*
Dodotana Sire	22,887	*	*	-	*	*	*
Zeway Dugda	21,200	*	*	-	*	*	*
Hitosa	39,229	*	*	-	*	*	*
Sude	25,501	*	*	-	*	*	*
Chole	15,918	-	-	-	-	-	-
Amigna	11,176	*	*	-	*	*	*
Seru	18,205	-	-	-	-	-	-
Robe	27,062	-	-	-	-	-	-
Tena	20,684	-	-	-	-	-	-
Sherka	26,405	-	-	-	-	-	-
Digeluna Tijo	22,181	112	112	0.01	*	*	*
Tiyo	15,978	159	159	0.01	18,172	114.29	9
Munesa	35,171	-	-	-	-	-	-
Bekoji	35,995	*	*	-	*	*	*
Gedeb	24,847	665	665	0.03	24,416	36.72	8
Kofele	42,028	*	*	-	*	*	*
West Harerge Zone	291,356	1,986	2,052	0.01	367,308	172.85	11
Mieso	16,400	*	*	-	*	*	*
Doba	22,768	-	-	-	-	-	-
Tulo	24,329	*	*	-	*	*	*
Mesela	25,840	*	*	-	*	*	*
Chiro	62,368	*	*	-	*	*	*
Goba Koricha	20,014	-	-	-	-	-	-
Anchar	13,430	-	-	-	-	-	-
Habro	30,386	882	918	0.03	163,219	170.05	8
Darolebu	26,978	647	678	0.03	130,354	184.13	9
Boke	22,144	*	*	-	*	*	*
Kuni	26,701	*	*	-	*	*	*
East Harerge Zone	387,193	1,774	1,817	0.00	233,598	126.20	8
Kombolcha	20,710	451	451	0.02	95,386	211.50	6
Jarso	17,052	*	*	-	*	*	*
Gursum	25,567	*	*	-	*	*	*
Babile	10,237	*	*	-	*	*	*
Fedis	24,565	-	-	-	-	-	-
Haro Maya	31,404	842	842	0.03	85,599	101.66	7
Kurfa Chele	7,122	*	*	-	*	*	*
Kersa	27,745	-	-	-	-	-	-

TABLE 8.21A: - Number of Holders Reporting Wheelbarrow Owned, Quantity Reported, Replacement Value and Duration of Service of Wheelbarrow, for Private Holdings. (Continued.)

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)
East Harerge Zone							
Meta	43,775	*	*	-	*	*	*
Goro Gutu	25,718	*	*	-	*	*	*
Deder	38,265	*	*	-	*	*	*
Malka Balo	24,930	114	114	0.00	*	*	*
Beden	43,356	*	*	-	*	*	*
Girawa	38,886	-	-	-	-	-	-
Gola Oda	7,861	-	-	-	-	-	-
Bale Zone	259,058	399	428	0.00	14,663	31.58	5
Kokosa	23,375	*	*	-	*	*	*
Dodola	23,650	*	*	-	*	*	*
Adaba	19,856	*	*	-	*	*	*
Agarfa	13,146	85	85	0.01	*	*	*
Gasera	12,088	*	*	-	*	*	*
Gololcha	14,914	-	-	-	-	-	-
Legehida	8,094	-	-	-	-	-	-
Ginir	21,653	-	-	-	-	-	-
Sinanana Dinsho	24,988	*	*	-	*	*	*
Goba	7,183	-	-	-	-	-	-
Mennana Arena Buluk	19,198	*	*	-	*	*	*
Nensebo	14,169	-	-	-	-	-	-
Meda Welabu	12,557	*	*	-	*	*	*
Berbere	10,213	-	-	-	-	-	-
Guradamole	4,160	-	-	-	-	-	-
Goro	15,934	*	*	-	*	*	*
Raytu	6,168	-	-	-	-	-	-
Seweyna	7,711	*	*	-	*	*	*
Borena Zone	283,104	1,028	1,042	0.00	60,786	57.64	5
Uraga	42,623	-	-	-	-	-	-
Bore	30,433	-	-	-	-	-	-
Adolana Wadera	22,616	*	*	-	*	*	*
Odo Shakiso	14,015	53	53	0.00	3,874	73.08	5
Hager Mariam	86,116	*	*	-	*	*	*
Yabelo	10,081	*	*	-	*	*	*
Arero	3,331	-	-	-	-	-	-
Liben	14,844	*	*	-	*	*	*
Moyale	10,736	*	*	-	*	*	*
Dire	13,719	*	*	-	*	*	*
Teltele	7,361	-	-	-	-	-	-
Gelana Abaya	27,229	*	*	-	*	*	*

TABLE 8.22A: - 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)
Oromia Region	3,981,704	5,019	7,307	0.00	3,399,143	301.08	6
West Welega Zone	313,923	185	222	0.00	95,449	328.95	5
Mana Sibu	27,022	-	-	-	-	-	-
Nejo	17,916	-	-	-	-	-	-
Gimbi	17,096	*	*	-	*	*	*
Lalo Asabi	10,906	*	*	-	*	*	*
Boji	15,188	-	-	-	-	-	-
Ayra Guliso	16,371	-	-	-	-	-	-
Jarso	16,190	-	-	-	-	-	-
Gidami	13,636	*	*	-	*	*	*
Jimma Horo	6,869	-	-	-	-	-	-
Hawa Welel	17,315	-	-	-	-	-	-
Gawo Dale	23,820	*	*	-	*	*	*
Dale Sadi	11,117	-	-	-	-	-	-
Yubdo	5,640	*	*	-	*	*	*
Ganji	9,611	-	-	-	-	-	-
Haru	11,508	*	*	-	*	*	*
Nole Kaba	23,388	-	-	-	-	-	-
Lalo Kilie	7,900	*	*	-	*	*	*
Sayo	19,844	-	-	-	-	-	-
Anfilo	11,848	-	-	-	-	-	-
Begi	30,734	*	*	-	*	*	*
East Welega Zone	260,893	651	1,120	0.00	368,581	190.10	4
Limu	20,690	*	*	-	*	*	*
Ibantu	5,087	-	-	-	-	-	-
Gida Kiremu	22,168	*	*	-	*	*	*
Jarte	7,363	-	-	-	-	-	-
Amuru	7,739	*	*	-	*	*	*
Abe Dongoro	9,470	-	-	-	-	-	-
Jimma Horo	24,023	*	*	-	*	*	*
Abay Chomen	4,715	-	-	-	-	-	-
Guduru	21,520	*	*	-	*	*	*
Jimma Rare	7,738	*	*	-	*	*	*
Bila Seyo	13,470	72	108	0.01	*	*	7
Sibu Sire	15,203	*	*	-	*	*	*
Guto Wayu	28,487	-	-	-	-	-	-
Sasiga	11,346	*	*	-	*	*	*
Leka Dulecha	10,555	*	*	-	*	*	*
Diga	11,868	-	-	-	-	-	-
Jimma Arjo	13,333	*	*	-	*	*	*
Nunu Kumba	10,438	*	*	-	*	*	*
Wama Bonaya	15,680	*	*	-	*	*	*
Illibabor Zone	195,287	169	244	0.00	78,440	206.55	7
Darimu	22,324	*	*	-	*	*	*
Supena Sodo	13,139	-	-	-	-	-	-
Chora	19,554	-	-	-	-	-	-
Dega	10,191	-	-	-	-	-	-
Bedele	20,513	*	*	-	*	*	*
Gechi	10,893	*	*	-	*	*	*
Borecha Wereda	9,030	*	*	-	*	*	*
Dedesa	14,033	-	-	-	-	-	-
yayu	19,201	-	-	-	-	-	-
Metu	22,651	*	*	-	*	*	*

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

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)
Illibabor Zone.....							
Ale	17,356	-	-	-	-	-	-
Bure	11,992	*	*	-	*	*	*
Nono	4,411	*	*	-	*	*	*
Jimma Zone	443,315	281	318	0.00	138,934	386.99	6
Limu Seka	29,245	-	-	-	-	-	-
Limu Kosa	45,921	*	*	-	*	*	*
Sokoru	25,586	-	-	-	-	-	-
Tiro Afeta	24,135	-	-	-	-	-	-
Kersa	29,474	-	-	-	-	-	-
Mana	27,816	-	-	-	-	-	-
Goma	49,523	*	*	-	*	*	*
Gera	20,803	*	*	-	*	*	*
Seka chekorsa	56,422	*	*	-	*	*	*
Dedo	54,035	*	*	-	*	*	*
Omonada	45,972	-	-	-	-	-	-
Sigmo	16,132	-	-	-	-	-	-
Setema	18,249	-	-	-	-	-	-
West Shewa Zone.....	502,591	433	735	0.00	375,348	286.13	9
Ginde Beret	33,630	-	-	-	-	-	-
Jeldu	33,701	*	*	-	*	*	*
Ambo	40,122	*	*	-	*	*	*
Cheliya	37,011	-	-	-	-	-	-
Bako Tibe	19,389	*	*	-	*	*	*
Dano	15,544	-	-	-	-	-	-
Nono	23,140	*	*	-	*	*	*
Tikur	12,596	*	*	-	*	*	*
Amaya	21,943	*	*	-	*	*	*
Wonchi	17,405	-	-	-	-	-	-
Dendi	37,106	-	-	-	-	-	-
Ejerie	15,219	-	-	-	-	-	-
Adda Berga	19,302	-	-	-	-	-	-
Walmara	17,073	-	-	-	-	-	-
Alem Gana	20,607	*	*	-	*	*	*
Kersana Kondaltiti	22,051	*	*	-	*	*	*
Tole	10,401	*	*	-	*	*	*
Elu	10,354	-	-	-	-	-	-
Dawo	13,068	-	-	-	-	-	-
Walisona Goro	35,633	-	-	-	-	-	-
Becho	11,294	52	*	-	*	*	9
Kokir	12,362	*	*	-	*	*	*
Meta Robi	23,639	-	-	-	-	-	-
North Shewa(Oromia) Zone.....	237,011	254	436	0.00	261,977	333.99	8
Wara Jarso	25,009	-	-	-	-	-	-
Dera	35,035	-	-	-	-	-	-
Hidabu Abote	15,884	-	-	-	-	-	-
Kuyu	20,090	*	*	-	*	*	*
Degem	17,936	*	*	-	*	*	*
Gerar Jarso	13,163	*	*	-	*	*	*
Yaya Gulelana Debre Libano	16,566	*	*	-	*	*	*
Wuchalena Jido	22,017	-	-	-	-	-	-
Abichuna Gna'a	11,868	*	*	-	*	*	*
Kembibit	10,860	-	-	-	-	-	-
Berehna Aleltu	24,774	-	-	-	-	-	-
Mulona Sululta	23,810	-	-	-	-	-	-

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

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)
East Shewa Zone	314,966	*	*	-	315,484	*	*
Fentale	6,677	-	-	-	-	-	-
Boset	24,837	-	-	-	-	-	-
Adama	26,906	-	-	-	-	-	-
Lome	14,564	*	*	-	*	*	*
Gimbichu	15,569	*	*	-	*	*	*
Ada'a Liben Chukala	40,176	-	-	-	-	-	-
Dugda Bora	28,844	*	*	-	*	*	*
Adami Tullu Jido Kombolcha	23,794	-	-	-	-	-	-
Arsi Negele	26,584	-	-	-	-	-	-
Shashemene	46,108	-	-	-	-	-	-
Seraro	48,209	*	*	-	*	*	*
Akaki	12,696	*	*	-	*	*	*
Arsi Zone	493,007	1,004	1,507	0.00	738,359	297.59	6
Merti	22,750	-	-	-	-	-	-
Aseko	14,396	-	-	-	-	-	-
Gololcha	29,178	*	*	-	*	*	*
Jeju	22,217	*	*	-	*	*	*
Dodotana Sire	22,887	*	*	-	*	*	*
Zeway Dugda	21,200	*	*	-	*	*	*
Hitosa	39,229	-	-	-	-	-	-
Sude	25,501	-	-	-	-	-	-
Chole	15,918	*	*	-	*	*	*
Amigna	11,176	*	*	-	*	*	*
Seru	18,205	*	*	-	*	*	*
Robe	27,062	-	-	-	-	-	-
Tena	20,684	*	*	-	*	*	*
Sherka	26,405	-	-	-	-	-	-
Digeluna Tijo	22,181	*	*	-	*	*	*
Tiyo	15,978	244	*	-	*	*	*
Munesa	35,171	-	-	-	-	-	-
Bekoji	35,995	*	*	-	*	*	-
Gedeb	24,847	*	*	-	*	*	*
Kofele	42,028	-	-	-	-	-	-
West Harerge Zone	291,356	478	507	0.00	230,708	415.14	6
Mieso	16,400	-	-	-	-	-	-
Doba	22,768	*	*	-	*	*	*
Tulo	24,329	*	*	-	*	*	*
Mesela	25,840	*	*	-	*	*	*
Chiro	62,368	-	-	-	-	-	-
Goba Koricha	20,014	*	*	-	*	*	*
Anchar	13,430	*	*	-	*	*	*
Habro	30,386	*	*	-	*	*	*
Darolebu	26,978	*	*	-	*	*	*
Boke	22,144	-	-	-	-	-	-
Kuni	26,701	*	*	-	*	*	*
East Harerge Zone	387,193	599	652	0.00	231,541	309.67	6
Kombolcha	20,710	-	-	-	-	-	-
Jarso	17,052	*	*	-	*	*	*
Gursum	25,567	*	*	-	*	*	*
Babile	10,237	-	-	-	-	-	-
Fedis	24,565	*	*	-	*	*	*
Haro Maya	31,404	-	-	-	-	-	-
Kurfa Chele	7,122	*	*	-	*	*	*
Kersa	27,745	-	-	-	-	-	-

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

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)
East Harerge Zone							
Meta	43,775	*	*	-	*	*	*
Goro Gutu	25,718	*	*	-	*	*	*
Deder	38,265	-	-	-	-	-	-
Malka Balo	24,930	-	-	-	-	-	-
Bedeno	43,356	*	*	-	*	*	*
Girawa	38,886	-	-	-	-	-	-
Gola Oda	7,861	*	*	-	*	*	*
Bale Zone	259,058	460	565	0.00	432,692	513.58	5
Kokosa	23,375	-	-	-	-	-	-
Dodola	23,650	*	*	-	*	*	*
Adaba	19,856	-	-	-	-	-	-
Agarfa	13,146	-	-	-	-	-	-
Gasera	12,088	*	*	-	*	*	*
Gololcha	14,914	*	*	-	*	*	*
Legehida	8,094	-	-	-	-	-	-
Ginir	21,653	*	*	-	*	*	*
Sinanana Dinsho	24,988	-	-	-	-	-	-
Goba	7,183	*	*	-	*	*	*
Mennana Arena Buluk	19,198	*	*	-	*	*	*
Nensebo	14,169	*	*	-	*	*	*
Meda Welabu	12,557	-	-	-	-	-	-
Berbere	10,213	-	-	-	-	-	-
Guradamole	4,160	-	-	-	-	-	-
Goro	15,934	-	-	-	-	-	-
Raytu	6,168	*	*	-	*	*	*
Seweyna	7,711	-	-	-	-	-	-
Borena Zone	283,104	*	*	-	*	*	*
Uraga	42,623	*	*	-	*	*	*
Bore	30,433	-	-	-	-	-	-
Adolana Wadera	22,616	-	-	-	-	-	-
Odo Shakiso	14,015	-	-	-	-	-	-
Hager Mariam	86,116	-	-	-	-	-	-
Yabelo	10,081	*	*	-	*	*	*
Arero	3,331	*	*	-	*	*	*
Liben	14,844	-	-	-	-	-	-
Moyale	10,736	*	*	-	*	*	*
Dire	13,719	-	-	-	-	-	-
Teltele	7,361	*	*	-	*	*	*
Gelana Abaya	27,229	-	-	-	-	-	-

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

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Camels Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Camel (Birr)	Average Age of Camel (Years)
Oromia Region	3,981,704	71	71	0.00	64,007	901.51	*
West Welega Zone	313,923	-	-	-	-	-	-
Mana Sibu	27,022	-	-	-	-	-	-
Nejo	17,916	-	-	-	-	-	-
Gimbi	17,096	-	-	-	-	-	-
Lalo Asabi	10,906	-	-	-	-	-	-
Boji	15,188	-	-	-	-	-	-
Ayra Guliso	16,371	-	-	-	-	-	-
Jarso	16,190	-	-	-	-	-	-
Gidami	13,636	-	-	-	-	-	-
Jimma Horo	6,869	-	-	-	-	-	-
Hawa Welel	17,315	-	-	-	-	-	-
Gawo Dale	23,820	-	-	-	-	-	-
Dale Sadi	11,117	-	-	-	-	-	-
Yubdo	5,640	-	-	-	-	-	-
Ganji	9,611	-	-	-	-	-	-
Haru	11,508	-	-	-	-	-	-
Nole Kaba	23,388	-	-	-	-	-	-
Lalo Kilie	7,900	-	-	-	-	-	-
Sayo	19,844	-	-	-	-	-	-
Anfilo	11,848	-	-	-	-	-	-
Begi	30,734	-	-	-	-	-	-
East Welega Zone	260,893	-	-	-	-	-	-
Limu	20,690	-	-	-	-	-	-
Ibantu	5,087	-	-	-	-	-	-
Gida Kiremu	22,168	-	-	-	-	-	-
Jarte	7,363	-	-	-	-	-	-
Amuru	7,739	-	-	-	-	-	-
Abe Dongoro	9,470	-	-	-	-	-	-
Jimma Horo	24,023	-	-	-	-	-	-
Abay Chomen	4,715	-	-	-	-	-	-
Guduru	21,520	-	-	-	-	-	-
Jimma Rare	7,738	-	-	-	-	-	-
Bila Seyo	13,470	-	-	-	-	-	-
Sibu Sire	15,203	-	-	-	-	-	-
Guto Wayu	28,487	-	-	-	-	-	-
Sasiga	11,346	-	-	-	-	-	-
Leka Dulecha	10,555	-	-	-	-	-	-
Diga	11,868	-	-	-	-	-	-
Jimma Arjo	13,333	-	-	-	-	-	-
Nunu Kumba	10,438	-	-	-	-	-	-
Wama Bonaya	15,680	-	-	-	-	-	-
Illibabor Zone	195,287	-	-	-	-	-	-
Darimu	22,324	-	-	-	-	-	-
Supena Sodo	13,139	-	-	-	-	-	-
Chora	19,554	-	-	-	-	-	-
Dega	10,191	-	-	-	-	-	-
Bedele	20,513	-	-	-	-	-	-
Gechi	10,893	-	-	-	-	-	-
Borecha Wereda	9,030	-	-	-	-	-	-
Dedesa	14,033	-	-	-	-	-	-
yayu	19,201	-	-	-	-	-	-
Metu	22,651	-	-	-	-	-	-

TABLE 8.23A: -Number of Holders Reporting Camel (Specifically for ploughing) Owned, Quantity Reported, Replacement Value and Average age of Camel, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Camels Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Camel (Birr)	Average Age of Camel (Years)
Illibabor Zone							
Ale	17,356	-	-	-	-	-	-
Bure	11,992	-	-	-	-	-	-
Nono	4,411	-	-	-	-	-	-
Jimma Zone	443,315	-	-	-	-	-	-
Limu Seka	29,245	-	-	-	-	-	-
Limu Kosa	45,921	-	-	-	-	-	-
Sokoru	25,586	-	-	-	-	-	-
Tiro Afeta	24,135	-	-	-	-	-	-
Kersa	29,474	-	-	-	-	-	-
Mana	27,816	-	-	-	-	-	-
Goma	49,523	-	-	-	-	-	-
Gera	20,803	-	-	-	-	-	-
Seka chekorsa	56,422	-	-	-	-	-	-
Dedo	54,035	-	-	-	-	-	-
Omonada	45,972	-	-	-	-	-	-
Sigmo	16,132	-	-	-	-	-	-
Setema	18,249	-	-	-	-	-	-
West Shewa Zone	502,591	-	-	-	-	-	-
Ginde Beret	33,630	-	-	-	-	-	-
Jeldu	33,701	-	-	-	-	-	-
Ambo	40,122	-	-	-	-	-	-
Cheliya	37,011	-	-	-	-	-	-
Bako Tibe	19,389	-	-	-	-	-	-
Dano	15,544	-	-	-	-	-	-
Nono	23,140	-	-	-	-	-	-
Tikur	12,596	-	-	-	-	-	-
Amaya	21,943	-	-	-	-	-	-
Wonchi	17,405	-	-	-	-	-	-
Dendi	37,106	-	-	-	-	-	-
Ejerie	15,219	-	-	-	-	-	-
Adda Berga	19,302	-	-	-	-	-	-
Walmara	17,073	-	-	-	-	-	-
Alem Gana	20,607	-	-	-	-	-	-
Kersana Kondaltiti	22,051	-	-	-	-	-	-
Tole	10,401	-	-	-	-	-	-
Elu	10,354	-	-	-	-	-	-
Dawo	13,068	-	-	-	-	-	-
Walisona Goro	35,633	-	-	-	-	-	-
Becho	11,294	-	-	-	-	-	-
Kokir	12,362	-	-	-	-	-	-
Meta Robi	23,639	-	-	-	-	-	-
North Shewa(Oromia) Zone	237,011	-	-	-	-	-	-
Wara Jarso	25,009	-	-	-	-	-	-
Dera	35,035	-	-	-	-	-	-
Hidabu Abote	15,884	-	-	-	-	-	-
Kuyu	20,090	-	-	-	-	-	-
Degem	17,936	-	-	-	-	-	-
Gerar Jarso	13,163	-	-	-	-	-	-
Yaya Gulelena Debre Libano	16,566	-	-	-	-	-	-
Wuchalena Jido	22,017	-	-	-	-	-	-
Abichuna Gna'a	11,868	-	-	-	-	-	-
Kembibit	10,860	-	-	-	-	-	-
Berehna Aleltu	24,774	-	-	-	-	-	-
Mulona Sululta	23,810	-	-	-	-	-	-

TABLE 8.23A: -Number of Holders Reporting Camel (Specifically for ploughing) Owned, Quantity Reported, Replacement Value and Average age of Camel, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Camels Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Camel (Birr)	Average Age of Camel (Years)
East Shewa Zone	314,966	-	-	-	-	-	-
Fentale	6,677	-	-	-	-	-	-
Boset	24,837	-	-	-	-	-	-
Adama	26,906	-	-	-	-	-	-
Lome	14,564	-	-	-	-	-	-
Gimbichu	15,569	-	-	-	-	-	-
Ada'a Liben Chukala	40,176	-	-	-	-	-	-
Dugda Bora	28,844	-	-	-	-	-	-
Adami Tullu Jido Kombolcha	23,794	-	-	-	-	-	-
Arsi Negele	26,584	-	-	-	-	-	-
Shashemene	46,108	-	-	-	-	-	-
Seraro	48,209	-	-	-	-	-	-
Akaki	12,696	-	-	-	-	-	-
Arsi Zone	493,007	-	-	-	-	-	-
Merti	22,750	-	-	-	-	-	-
Aseko	14,396	-	-	-	-	-	-
Gololcha	29,178	-	-	-	-	-	-
Jeju	22,217	-	-	-	-	-	-
Dodotana Sire	22,887	-	-	-	-	-	-
Zeway Dugda	21,200	-	-	-	-	-	-
Hitosa	39,229	-	-	-	-	-	-
Sude	25,501	-	-	-	-	-	-
Chole	15,918	-	-	-	-	-	-
Amigna	11,176	-	-	-	-	-	-
Seru	18,205	-	-	-	-	-	-
Robe	27,062	-	-	-	-	-	-
Tena	20,684	-	-	-	-	-	-
Sherka	26,405	-	-	-	-	-	-
Digeluna Tijo	22,181	-	-	-	-	-	-
Tiyo	15,978	-	-	-	-	-	-
Munesa	35,171	-	-	-	-	-	-
Bekoji	35,995	-	-	-	-	-	-
Gedeb	24,847	-	-	-	-	-	-
Kofele	42,028	-	-	-	-	-	-
West Harerge Zone	291,356	-	-	-	-	-	-
Mieso	16,400	-	-	-	-	-	-
Doba	22,768	-	-	-	-	-	-
Tulo	24,329	-	-	-	-	-	-
Mesela	25,840	-	-	-	-	-	-
Chiro	62,368	-	-	-	-	-	-
Goba Koricha	20,014	-	-	-	-	-	-
Anchar	13,430	-	-	-	-	-	-
Habro	30,386	-	-	-	-	-	-
Darolebu	26,978	-	-	-	-	-	-
Boke	22,144	-	-	-	-	-	-
Kuni	26,701	-	-	-	-	-	-
East Harerge Zone	387,193	-	-	-	-	-	-
Kombolcha	20,710	-	-	-	-	-	-
Jarso	17,052	-	-	-	-	-	-
Gursum	25,567	-	-	-	-	-	-
Babile	10,237	-	-	-	-	-	-
Fedis	24,565	-	-	-	-	-	-
Haro Maya	31,404	-	-	-	-	-	-
Kurfa Chele	7,122	-	-	-	-	-	-
Kersa	27,745	-	-	-	-	-	-

TABLE 8.23A: -Number of Holders Reporting Camel (Specifically for ploughing) Owned, Quantity Reported, Replacement Value and Average age of Camel, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Camels Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Camel (Birr)	Average Age of Camel (Years)
East Harerge Zone							
Meta	43,775	-	-	-	-	-	-
Goro Gutu	25,718	-	-	-	-	-	-
Deder	38,265	-	-	-	-	-	-
Malka Balo	24,930	-	-	-	-	-	-
Bedeno	43,356	-	-	-	-	-	-
Girawa	38,886	-	-	-	-	-	-
Gola Oda	7,861	-	-	-	-	-	-
Bale Zone	259,058	*	*	-	*	*	*
Kokosa	23,375	-	-	-	-	-	-
Dodola	23,650	-	-	-	-	-	-
Adaba	19,856	-	-	-	-	-	-
Agarfa	13,146	-	-	-	-	-	-
Gasera	12,088	-	-	-	-	-	-
Gololcha	14,914	-	-	-	-	-	-
Legehida	8,094	-	-	-	-	-	-
Ginir	21,653	-	-	-	-	-	-
Sinanana Dinsho	24,988	-	-	-	-	-	-
Goba	7,183	-	-	-	-	-	-
Mennana Arena Buluk	19,198	-	-	-	-	-	-
Nensebo	14,169	-	-	-	-	-	-
Meda Welabu	12,557	-	-	-	-	-	-
Berbere	10,213	-	-	-	-	-	-
Guradamole	4,160	-	-	-	-	-	-
Goro	15,934	-	-	-	-	-	-
Raytu	6,168	*	*	-	*	*	*
Seweyna	7,711	-	-	-	-	-	-
Borena Zone	283,104	*	*	-	*	*	*
Uraga	42,623	-	-	-	-	-	-
Bore	30,433	-	-	-	-	-	-
Adolana Wadera	22,616	-	-	-	-	-	-
Odo Shakiso	14,015	-	-	-	-	-	-
Hager Mariam	86,116	-	-	-	-	-	-
Yabelo	10,081	*	*	-	*	*	*
Arero	3,331	-	-	-	-	-	-
Liben	14,844	-	-	-	-	-	-
Moyale	10,736	-	-	-	-	-	-
Dire	13,719	-	-	-	-	-	-
Teltele	7,361	-	-	-	-	-	-
Gelana Abaya	27,229	-	-	-	-	-	-

TABLE 8.24A:- Number of Holders Reporting Horse (Specifically for ploughing) 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)
Oromia Region	3,981,704	334	522	0.00	239,501	261.95	6
West Welega Zone	313,923	*	*	-	34,980	*	*
Mana Sibu	27,022	-	-	-	-	-	-
Nejo	17,916	-	-	-	-	-	-
Gimbi	17,096	-	-	-	-	-	-
Lalo Asabi	10,906	-	-	-	-	-	-
Boji	15,188	-	-	-	-	-	-
Ayra Guliso	16,371	*	*	-	*	*	*
Jarso	16,190	*	*	-	*	*	*
Gidami	13,636	-	-	-	-	-	-
Jimma Horo	6,869	-	-	-	-	-	-
Hawa Welel	17,315	-	-	-	-	-	-
Gawo Dale	23,820	-	-	-	-	-	-
Dale Sadi	11,117	-	-	-	-	-	-
Yubdo	5,640	*	*	-	*	*	*
Ganji	9,611	-	-	-	-	-	-
Haru	11,508	-	-	-	-	-	-
Nole Kaba	23,388	-	-	-	-	-	-
Lalo Kilie	7,900	-	-	-	-	-	-
Sayo	19,844	*	*	-	*	*	*
Anfilo	11,848	-	-	-	-	-	-
Begi	30,734	-	-	-	-	-	-
East Welega Zone	260,893	*	*	-	*	*	*
Limu	20,690	*	*	-	*	*	*
Ibantu	5,087	-	-	-	-	-	-
Gida Kiremu	22,168	-	-	-	-	-	-
Jarte	7,363	-	-	-	-	-	-
Amuru	7,739	-	-	-	-	-	-
Abe Dongoro	9,470	-	-	-	-	-	-
Jimma Horo	24,023	-	-	-	-	-	-
Abay Chomen	4,715	-	-	-	-	-	-
Guduru	21,520	-	-	-	-	-	-
Jimma Rare	7,738	-	-	-	-	-	-
Bila Seyo	13,470	-	-	-	-	-	-
Sibu Sire	15,203	*	*	-	*	*	*
Guto Wayu	28,487	-	-	-	-	-	-
Sasiga	11,346	-	-	-	-	-	-
Leka Dulecha	10,555	-	-	-	-	-	-
Diga	11,868	-	-	-	-	-	-
Jimma Arjo	13,333	*	*	-	*	*	*
Nunu Kumba	10,438	-	-	-	-	-	-
Wama Bonaya	15,680	-	-	-	-	-	-
Illibabor Zone	195,287	-	-	-	-	-	-
Darimu	22,324	-	-	-	-	-	-
Supena Sodo	13,139	-	-	-	-	-	-
Chora	19,554	-	-	-	-	-	-
Dega	10,191	-	-	-	-	-	-
Bedele	20,513	-	-	-	-	-	-
Gechi	10,893	-	-	-	-	-	-
Borecha Wereda	9,030	-	-	-	-	-	-
Dedesa	14,033	-	-	-	-	-	-
yayu	19,201	-	-	-	-	-	-
Metu	22,651	-	-	-	-	-	-

TABLE 8.24A:- Number of Holders Reporting Horse (Specifically for ploughing) Owned, Quantity Reported, Replacement Value and Average age of Horse, for Private Holdings. (Continued.)

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)
Ilibabor Zone.....							
Ale	17,356	-	-	-	-	-	-
Bure	11,992	-	-	-	-	-	-
Nono	4,411	-	-	-	-	-	-
Jimma Zone	443,315	-	-	-	-	-	-
Limu Seka	29,245	-	-	-	-	-	-
Limu Kosa	45,921	-	-	-	-	-	-
Sokoru	25,586	-	-	-	-	-	-
Tiro Afeta	24,135	-	-	-	-	-	-
Kersa.....	29,474	-	-	-	-	-	-
Mana	27,816	-	-	-	-	-	-
Goma	49,523	-	-	-	-	-	-
Gera	20,803	-	-	-	-	-	-
Seka chekorsa.....	56,422	-	-	-	-	-	-
Dedo	54,035	-	-	-	-	-	-
Omonada	45,972	-	-	-	-	-	-
Sigmo.....	16,132	-	-	-	-	-	-
Setema	18,249	-	-	-	-	-	-
West Shewa Zone.....	502,591	*	*	-	*	*	*
Ginde Beret	33,630	-	-	-	-	-	-
Jeldu.....	33,701	-	-	-	-	-	-
Ambo.....	40,122	-	-	-	-	-	-
Cheliya.....	37,011	-	-	-	-	-	-
Bako Tibe	19,389	-	-	-	-	-	-
Dano	15,544	-	-	-	-	-	-
Nono	23,140	-	-	-	-	-	-
Tikur	12,596	-	-	-	-	-	-
Amaya	21,943	-	-	-	-	-	-
Wonchi	17,405	-	-	-	-	-	-
Dendi	37,106	-	-	-	-	-	-
Ejerie	15,219	-	-	-	-	-	-
Adda Berga.....	19,302	-	-	-	-	-	-
Walmara	17,073	-	-	-	-	-	-
Alem Gana.....	20,607	-	-	-	-	-	-
Kersana Kondaltiti	22,051	-	-	-	-	-	-
Tole.....	10,401	-	-	-	-	-	-
Elu	10,354	-	-	-	-	-	-
Dawo	13,068	*	*	-	*	*	*
Walisona Goro.....	35,633	-	-	-	-	-	-
Becho.....	11,294	-	-	-	-	-	-
Kokir.....	12,362	-	-	-	-	-	-
Meta Robi	23,639	-	-	-	-	-	-
North Shewa(Oromia) Zone.....	237,011	-	-	-	-	-	-
Wara Jarso	25,009	-	-	-	-	-	-
Dera	35,035	-	-	-	-	-	-
Hidabu Abote	15,884	-	-	-	-	-	-
Kuyu	20,090	-	-	-	-	-	-
Degem	17,936	-	-	-	-	-	-
Gerar Jarso.....	13,163	-	-	-	-	-	-
Yaya Gulelena Debre Libano..	16,566	-	-	-	-	-	-
Wuchalena Jido	22,017	-	-	-	-	-	-
Abichuna Gna'a	11,868	-	-	-	-	-	-
Kembibit.....	10,860	-	-	-	-	-	-
Berehna Aleltu.....	24,774	-	-	-	-	-	-
Mulona Sululta	23,810	-	-	-	-	-	-

TABLE 8.24A:- Number of Holders Reporting Horse (Specifically for ploughing) Owned, Quantity Reported, Replacement Value and Average age of Horse, for Private Holdings. (Continued.)

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)
East Shewa Zone	314,966	*	*	-	*	*	*
Fentale	6,677	-	-	-	-	-	-
Boset	24,837	-	-	-	-	-	-
Adama	26,906	-	-	-	-	-	-
Lome	14,564	-	-	-	-	-	-
Gimbichu	15,569	*	*	-	*	*	*
Ada'a Liben Chukala	40,176	-	-	-	-	-	-
Dugda Bora	28,844	-	-	-	-	-	-
Adami Tullu Jido Kombolcha ..	23,794	-	-	-	-	-	-
Arsi Negele	26,584	-	-	-	-	-	-
Shashemene	46,108	-	-	-	-	-	-
Seraro	48,209	-	-	-	-	-	-
Akaki	12,696	-	-	-	-	-	-
Arsi Zone	493,007	*	*	-	*	*	*
Merti	22,750	-	-	-	-	-	-
Aseko	14,396	-	-	-	-	-	-
Gololcha	29,178	-	-	-	-	-	-
Jeju	22,217	-	-	-	-	-	-
Dodotana Sire	22,887	-	-	-	-	-	-
Zeway Dugda	21,200	-	-	-	-	-	-
Hitosa	39,229	-	-	-	-	-	-
Sude	25,501	-	-	-	-	-	-
Chole	15,918	-	-	-	-	-	-
Amigna	11,176	-	-	-	-	-	-
Seru	18,205	-	-	-	-	-	-
Robe	27,062	-	-	-	-	-	-
Tena	20,684	-	-	-	-	-	-
Sherka	26,405	-	-	-	-	-	-
Digeluna Tijo	22,181	-	-	-	-	-	-
Tiyo	15,978	-	-	-	-	-	-
Munesa	35,171	-	-	-	-	-	-
Bekoji	35,995	*	*	-	*	*	-
Gedeb	24,847	*	*	-	*	*	*
Kofele	42,028	-	-	-	-	-	-
West Harerge Zone	291,356	-	-	-	-	-	-
Mieso	16,400	-	-	-	-	-	-
Doba	22,768	-	-	-	-	-	-
Tulo	24,329	-	-	-	-	-	-
Mesela	25,840	-	-	-	-	-	-
Chiro	62,368	-	-	-	-	-	-
Goba Koricha	20,014	-	-	-	-	-	-
Anchar	13,430	-	-	-	-	-	-
Habro	30,386	-	-	-	-	-	-
Darolebu	26,978	-	-	-	-	-	-
Boke	22,144	-	-	-	-	-	-
Kuni	26,701	-	-	-	-	-	-
East Harerge Zone	387,193	-	-	-	-	-	-
Kombolcha	20,710	-	-	-	-	-	-
Jarso	17,052	-	-	-	-	-	-
Gursum	25,567	-	-	-	-	-	-
Babile	10,237	-	-	-	-	-	-
Fedis	24,565	-	-	-	-	-	-
Haro Maya	31,404	-	-	-	-	-	-
Kurfa Chele	7,122	-	-	-	-	-	-
Kersa	27,745	-	-	-	-	-	-

TABLE 8.24A:- Number of Holders Reporting Horse (Specifically for ploughing) Owned, Quantity Reported, Replacement Value and Average age of Horse, for Private Holdings. (Continued.)

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)
East Harerge Zone							
Meta	43,775	-	-	-	-	-	-
Goro Gutu	25,718	-	-	-	-	-	-
Deder	38,265	-	-	-	-	-	-
Malka Balo	24,930	-	-	-	-	-	-
Bedeno	43,356	-	-	-	-	-	-
Girawa	38,886	-	-	-	-	-	-
Gola Oda	7,861	-	-	-	-	-	-
Bale Zone	259,058	-	-	-	-	-	-
Kokosa	23,375	-	-	-	-	-	-
Dodola	23,650	-	-	-	-	-	-
Adaba	19,856	-	-	-	-	-	-
Agarfa	13,146	-	-	-	-	-	-
Gasera	12,088	-	-	-	-	-	-
Gololcha	14,914	-	-	-	-	-	-
Legehida	8,094	-	-	-	-	-	-
Ginir	21,653	-	-	-	-	-	-
Sinanana Dinsho	24,988	-	-	-	-	-	-
Goba	7,183	-	-	-	-	-	-
Mennana Arena Buluk	19,198	-	-	-	-	-	-
Nensebo	14,169	-	-	-	-	-	-
Meda Welabu	12,557	-	-	-	-	-	-
Berbere	10,213	-	-	-	-	-	-
Guradamole	4,160	-	-	-	-	-	-
Goro	15,934	-	-	-	-	-	-
Raytu	6,168	-	-	-	-	-	-
Seweyna	7,711	-	-	-	-	-	-
Borena Zone	283,104	-	-	-	-	-	-
Uraga	42,623	-	-	-	-	-	-
Bore	30,433	-	-	-	-	-	-
Adolana Wadera	22,616	-	-	-	-	-	-
Odo Shakiso	14,015	-	-	-	-	-	-
Hager Mariam	86,116	-	-	-	-	-	-
Yabelo	10,081	-	-	-	-	-	-
Arero	3,331	-	-	-	-	-	-
Liben	14,844	-	-	-	-	-	-
Moyale	10,736	-	-	-	-	-	-
Dire	13,719	-	-	-	-	-	-
Teltele	7,361	-	-	-	-	-	-
Gelana Abaya	27,229	-	-	-	-	-	-

TABLE 8.25A: -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)
Oromia Region	3,981,704	2,396,172	4,459,312	1.12	2,531,549,355	303.64	6
West Welega Zone	313,923	168,767	268,341	0.85	110,699,667	260.67	6
Mana Sibu	27,022	14,020	26,011	0.96	10,677,136	224.73	5
Nejo	17,916	10,163	15,869	0.89	6,342,067	256.57	6
Gimbi	17,096	8,213	12,194	0.71	5,467,946	302.72	5
Lalo Asabi	10,906	5,377	8,447	0.77	3,374,926	256.59	5
Boji	15,188	7,522	12,031	0.79	4,551,146	238.40	6
Ayra Guliso	16,371	8,937	14,471	0.88	5,260,842	222.93	4
Jarso	16,190	10,575	19,346	1.19	7,546,341	212.63	5
Gidami	13,636	7,496	11,017	0.81	5,092,972	311.71	6
Jimma Horo	6,869	4,925	8,343	1.21	3,630,204	263.12	6
Hawa Welel	17,315	9,706	14,950	0.86	6,970,722	292.48	7
Gawo Dale	23,820	14,379	23,641	0.99	9,533,209	244.80	5
Dale Sadi	11,117	6,853	11,113	1.00	3,961,117	220.07	5
Yubdo	5,640	3,625	6,141	1.09	2,184,834	209.61	6
Ganji	9,611	5,216	8,016	0.83	3,406,621	275.22	6
Haru	11,508	5,439	7,917	0.69	3,372,716	292.77	6
Nole Kaba	23,388	12,837	20,434	0.87	7,541,123	233.20	7
Lalo Kilie	7,900	5,352	8,648	1.09	2,938,015	212.38	5
Sayo	19,844	9,299	13,011	0.66	6,151,098	333.54	6
Anfilo	11,848	2,339	3,552	0.30	1,733,243	323.14	6
Begi	30,734	16,494	23,189	0.75	10,963,391	337.60	6
East Welega Zone	260,893	180,171	359,255	1.38	165,857,764	231.29	7
Limu	20,690	12,070	22,067	1.07	9,893,632	245.88	6
Ibantu	5,087	4,009	8,270	1.63	3,954,073	231.60	6
Gida Kiremu	22,168	15,272	29,738	1.34	14,406,489	248.44	7
Jarte	7,363	5,872	14,315	1.94	6,385,533	185.28	7
Amuru	7,739	5,770	12,501	1.62	6,125,287	226.57	7
Abe Dongoro	9,470	5,122	9,048	0.96	4,275,251	272.37	6
Jimma Horo	24,023	18,718	43,212	1.80	20,434,234	212.49	7
Abay Chomen	4,715	3,532	8,679	1.84	4,788,726	221.75	7
Guduru	21,520	15,477	34,015	1.58	18,499,424	241.16	7
Jimma Rare	7,738	5,432	11,092	1.43	5,787,078	254.84	8
Bila Seyo	13,470	9,997	19,982	1.48	8,856,783	224.05	7
Sibu Sire	15,203	10,578	21,445	1.41	9,783,176	222.86	7
Guto Wayu	28,487	17,963	31,359	1.10	13,955,611	254.52	6
Sasiga	11,346	7,108	12,194	1.07	5,059,784	241.98	6
Leka Dulecha	10,555	7,238	13,028	1.23	5,419,806	234.13	7
Diga	11,868	7,765	14,146	1.19	6,057,283	244.40	5
Jimma Arjo	13,333	8,962	16,604	1.25	6,819,358	226.02	8
Nunu Kumba	10,438	7,333	12,907	1.24	5,200,899	227.12	7
Wama Bonaya	15,680	11,953	24,653	1.57	10,155,336	198.70	6
Illibabor Zone	195,287	120,803	217,613	1.11	85,243,899	227.61	7
Darimu	22,324	13,720	23,326	1.04	7,218,909	179.82	6
Supena Sodo	13,139	8,051	14,202	1.08	5,104,060	204.62	6
Chora	19,554	12,927	23,181	1.19	10,081,697	244.04	6
Dega	10,191	6,939	14,102	1.38	5,682,140	198.27	7
Bedele	20,513	13,243	33,697	1.64	9,792,247	158.97	7
Gechi	10,893	7,687	13,686	1.26	5,735,081	236.45	6
Borecha Wereda	9,030	5,961	10,071	1.12	4,332,833	254.07	6
Dedesa	14,033	8,141	15,209	1.08	7,333,918	264.34	8
yayu	19,201	11,483	19,606	1.02	8,433,938	252.65	7
Metu	22,651	11,322	16,488	0.73	6,977,811	290.77	6

TABLE 8.25A: -Number of Holders Reporting Ox (Specifically for ploughing) Owned, Quantity Reported, Replacement Value and Average age of Ox, for Private Holdings. (Continued.)

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)
Illibabor Zone.....							
Ale	17,356	10,775	16,252	0.94	7,323,793	294.07	6
Bure	11,992	8,018	14,445	1.20	5,667,136	215.21	7
Nono	4,411	2,536	3,348	0.76	1,560,335	349.50	6
Jimma Zone	443,315	297,281	494,213	1.11	229,468,648	275.92	6
Limu Seka	29,245	22,304	37,755	1.29	18,099,674	267.25	6
Limu Kosa	45,921	32,045	54,813	1.19	27,142,126	293.60	7
Sokoru	25,586	18,713	32,125	1.26	12,827,650	230.74	6
Tiro Afeta	24,135	19,017	36,418	1.51	17,272,119	242.52	6
Kersa.....	29,474	24,585	43,382	1.47	20,472,266	266.47	6
Mana	27,816	14,534	20,124	0.72	10,141,155	365.41	7
Goma	49,523	19,674	29,361	0.59	15,467,732	348.51	6
Gera	20,803	15,097	24,063	1.16	11,302,350	289.90	7
Seka chekorsa.....	56,422	34,826	54,868	0.97	24,252,472	274.60	7
Dedo	54,035	40,179	64,191	1.19	26,594,918	253.91	6
Omonada	45,972	35,993	64,370	1.40	29,278,506	252.27	6
Sigmo.....	16,132	9,949	14,512	0.90	6,826,973	322.89	5
Setema	18,249	10,367	18,231	1.00	9,790,706	302.94	6
West Shewa Zone.....	502,591	345,447	689,341	1.37	419,131,913	301.83	7
Ginde Beret	33,630	24,106	47,537	1.41	27,839,793	291.84	7
Jeldu.....	33,701	23,065	44,008	1.31	27,220,364	323.16	7
Ambo.....	40,122	28,096	60,240	1.50	32,932,462	249.88	7
Cheliya.....	37,011	26,888	59,101	1.60	29,664,839	226.35	7
Bako Tibe	19,389	13,339	27,538	1.42	13,270,739	232.65	7
Dano	15,544	12,672	28,552	1.84	13,360,167	208.72	6
Nono	23,140	16,404	31,875	1.38	17,127,932	272.57	7
Tikur	12,596	7,151	11,121	0.88	5,463,418	317.87	7
Amaya	21,943	15,507	29,059	1.32	16,713,461	302.06	8
Wonchi	17,405	9,403	12,773	0.73	8,204,016	462.54	7
Dendi	37,106	25,463	51,932	1.40	35,497,141	333.81	8
Ejerie	15,219	10,742	22,083	1.45	16,323,861	346.79	7
Adda Berga.....	19,302	14,280	30,668	1.59	20,189,190	302.35	7
Walmara	17,073	11,709	27,513	1.61	17,823,574	278.49	7
Alem Gana.....	20,607	13,312	28,444	1.38	20,611,885	336.26	8
Kersana Kondaltiti	22,051	16,768	33,897	1.54	22,745,389	321.95	8
Tole.....	10,401	7,950	15,697	1.51	11,268,913	355.23	7
Elu	10,354	6,827	13,578	1.31	10,302,052	379.36	8
Dawo	13,068	8,990	17,457	1.34	11,912,947	346.94	9
Walisona Goro.....	35,633	19,569	33,880	0.95	20,749,383	352.40	7
Becho.....	11,294	8,518	16,298	1.44	11,274,080	370.70	8
Kokir.....	12,362	8,345	14,455	1.17	8,522,866	329.54	8
Meta Robi	23,639	16,344	31,636	1.34	20,113,441	326.43	8
North Shewa(Oromia) Zone.....	237,011	175,353	362,848	1.53	252,824,609	329.83	8
Wara Jarso	25,009	18,388	35,206	1.41	23,205,385	335.28	8
Dera	35,035	22,488	42,400	1.21	25,848,581	319.80	8
Hidabu Abote	15,884	10,859	19,141	1.21	12,885,468	356.65	9
Kuyu	20,090	15,111	28,975	1.44	18,339,445	324.84	7
Degem	17,936	13,148	25,362	1.41	16,790,630	335.64	8
Gerar Jarso.....	13,163	11,318	21,146	1.61	15,130,160	380.87	7
Yaya Gulelena Debre Libano..	16,566	12,917	25,260	1.52	17,846,703	355.18	8
Wuchalena Jido	22,017	16,464	37,603	1.71	28,899,776	331.59	7
Abichuna Gna'a	11,868	9,153	20,061	1.69	13,505,477	296.84	9
Kembibit.....	10,860	7,758	16,936	1.56	13,321,854	366.12	7
Berehna Aleltu	24,774	18,304	44,239	1.79	32,779,965	308.05	8
Mulona Sululta	23,810	19,444	46,520	1.95	34,271,166	307.11	7

TABLE 8.25A: -Number of Holders Reporting Ox (Specifically for ploughing) Owned, Quantity Reported, Replacement Value and Average age of Ox, for Private Holdings. (Continued.)

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)
East Shewa Zone	314,966	200,041	402,846	1.28	278,402,921	328.62	7
Fentale	6,677	4,594	7,904	1.18	5,647,346	425.65	6
Boset	24,837	15,450	30,345	1.22	22,675,410	367.25	8
Adama	26,906	17,639	34,076	1.27	25,050,991	384.76	7
Lome	14,564	11,412	28,222	1.94	25,065,295	327.64	8
Gimbichu	15,569	12,745	27,729	1.78	24,206,773	391.78	7
Ada'a Liben Chukala	40,176	28,568	67,288	1.67	56,462,226	344.78	7
Dugda Bora	28,844	20,497	46,277	1.60	28,339,317	267.58	7
Adami Tullu Jido Kombolcha	23,794	14,097	27,840	1.17	14,079,872	253.34	6
Arsi Negele	26,584	16,578	29,259	1.10	15,957,704	306.88	6
Shashemene	46,108	21,741	33,185	0.72	17,744,970	346.28	6
Seraro	48,209	27,313	47,863	0.99	22,845,567	275.55	7
Akaki	12,696	9,410	22,858	1.80	20,327,448	365.74	7
Arsi Zone	493,007	354,034	684,566	1.39	429,294,134	322.12	6
Merti	22,750	17,300	32,183	1.41	22,607,472	375.09	7
Aseko	14,396	11,071	18,885	1.31	13,269,005	413.51	8
Gololcha	29,178	18,841	27,315	0.94	18,527,956	478.68	7
Jeju	22,217	15,641	26,682	1.20	19,653,353	426.07	7
Dodotana Sire	22,887	15,858	30,679	1.34	22,296,375	372.97	8
Zeway Dugda	21,200	14,586	27,980	1.32	17,677,561	327.42	8
Hitosa	39,229	27,061	54,485	1.39	37,522,689	334.12	8
Sude	25,501	19,199	34,425	1.35	21,238,785	350.02	7
Chole	15,918	11,870	22,491	1.41	15,511,172	359.72	7
Amigna	11,176	9,218	19,851	1.78	11,265,275	261.96	6
Seru	18,205	14,598	30,308	1.66	16,620,074	263.48	6
Robe	27,062	21,061	42,075	1.55	25,195,492	297.92	6
Tena	20,684	14,706	28,660	1.39	18,270,979	308.93	7
Sherka	26,405	20,916	40,928	1.55	24,424,551	302.40	4
Digeluna Tijo	22,181	15,896	33,712	1.52	20,255,776	277.34	7
Tiyo	15,978	11,682	24,852	1.56	15,658,139	291.97	8
Munesa	35,171	25,506	51,942	1.48	29,735,017	278.58	7
Bekoji	35,995	26,838	59,838	1.66	34,271,313	250.21	4
Gedeb	24,847	18,606	36,812	1.48	21,087,664	277.40	5
Kofele	42,028	23,577	40,463	0.96	24,205,487	346.80	4
West Harerge Zone	291,356	168,373	306,643	1.05	193,953,925	403.11	5
Mieso	16,400	13,384	23,665	1.44	19,156,008	455.14	5
Doba	22,768	16,318	25,889	1.14	20,827,911	503.20	6
Tulo	24,329	13,080	18,798	0.77	15,012,177	558.88	5
Mesela	25,840	9,305	13,260	0.51	8,060,605	432.39	5
Chiro	62,368	30,897	89,300	1.43	36,354,717	268.62	5
Goba Koricha	20,014	14,689	26,159	1.31	18,658,331	398.05	6
Anchar	13,430	9,862	15,660	1.17	12,136,143	504.83	6
Habro	30,386	15,137	22,278	0.73	17,375,190	517.97	6
Darolebu	26,978	17,248	27,377	1.01	18,161,619	416.59	6
Boke	22,144	12,738	21,114	0.95	11,504,193	329.59	6
Kuni	26,701	15,715	23,144	0.87	16,707,030	491.02	5
East Harerge Zone	387,193	141,655	188,728	0.49	114,984,153	457.15	5
Kombolcha	20,710	2,023	2,684	0.13	1,518,253	442.82	6
Jarso	17,052	5,637	7,237	0.42	4,269,740	449.34	5
Gursum	25,567	13,755	22,429	0.88	13,390,787	370.48	4
Babile	10,237	7,475	12,879	1.26	8,312,262	361.26	3
Fedis	24,565	11,959	16,666	0.68	9,703,450	418.29	5
Haro Maya	31,404	3,398	3,708	0.12	2,152,490	537.44	5
Kurfa Chele	7,122	2,720	2,978	0.42	2,124,261	646.43	5
Kersa	27,745	10,549	12,632	0.46	8,298,243	553.60	4

TABLE 8.25A: -Number of Holders Reporting Ox (Specifically for ploughing) Owned, Quantity Reported, Replacement Value and Average age of Ox, for Private Holdings. (Continued.)

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)
East Harerge Zone							
Meta	43,775	20,333	24,391	0.56	15,564,887	534.91	5
Goro Gutu	25,718	12,920	16,768	0.65	10,681,478	490.93	6
Deder	38,265	15,706	19,897	0.52	13,055,231	516.76	5
Malka Balo	24,930	7,392	9,766	0.39	6,477,260	475.90	6
Bedeno	43,356	12,764	15,982	0.37	8,791,175	436.48	5
Girawa	38,886	9,583	11,738	0.30	5,786,536	416.10	4
Gola Oda	7,861	5,441	8,972	1.14	4,858,099	325.84	6
Bale Zone	259,058	154,639	302,337	1.17	151,191,018	251.72	4
Kokosa	23,375	1,240	1,832	0.08	1,134,040	416.50	6
Dodola	23,650	14,047	25,571	1.08	12,254,007	259.59	4
Adaba	19,856	13,730	28,902	1.46	13,835,118	221.67	4
Agarfa	13,146	10,451	22,578	1.72	11,823,638	237.31	4
Gasera	12,088	8,761	19,241	1.59	9,757,683	229.87	4
Gololcha	14,914	10,910	21,785	1.46	12,050,555	274.10	4
Legehida	8,094	5,478	8,741	1.08	4,268,498	302.71	4
Ginir	21,653	15,802	31,994	1.48	17,486,049	267.20	3
Sinanana Dinsho	24,988	20,170	45,813	1.83	22,881,723	217.82	4
Goba	7,183	5,503	11,568	1.61	5,861,991	240.38	4
Mennana Arena Buluk	19,198	10,242	16,513	0.86	7,455,635	280.39	4
Nensebo	14,169	1,620	2,625	0.19	1,215,813	284.53	3
Meda Welabu	12,557	7,730	12,919	1.03	5,633,234	259.19	4
Berbere	10,213	6,053	10,073	0.99	4,369,063	262.79	4
Guradamole	4,160	2,995	5,209	1.25	2,309,618	252.77	3
Goro	15,934	12,743	26,522	1.66	13,748,686	241.03	4
Raytu	6,168	2,802	3,908	0.63	1,999,937	368.47	3
Seweyna	7,711	4,362	6,545	0.85	3,105,729	316.17	3
Borena Zone	283,104	89,608	182,580	0.64	100,496,703	265.35	6
Uraga	42,623	7,492	14,090	0.33	6,734,934	255.83	8
Bore	30,433	14,208	26,465	0.87	12,827,429	254.06	7
Adolana Wadera	22,616	15,169	32,336	1.43	14,832,459	212.60	6
Odo Shakiso	14,015	3,883	8,147	0.58	4,024,424	237.00	9
Hager Mariam	86,116	11,432	25,086	0.29	14,127,058	250.82	6
Yabelo	10,081	4,320	9,161	0.91	6,183,558	314.78	6
Arero	3,331	1,218	2,452	0.74	1,673,717	323.95	5
Liben	14,844	8,322	16,528	1.11	9,529,031	289.58	6
Moyale	10,736	6,325	12,789	1.19	9,320,599	351.11	7
Dire	13,719	7,748	16,854	1.23	11,945,040	323.49	6
Teltele	7,361	4,713	9,152	1.24	4,944,461	274.30	6
Gelana Abaya	27,229	4,779	9,520	0.35	4,353,995	220.98	4

TABLE 8.26A: - 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)
Oromia Region	3,981,704	975,587	1,211,592	0.30	314,041,592	208.78	8
West Welega Zone	313,923	50,887	62,622	0.20	16,106,367	210.27	6
Mana Sibu	27,022	8,378	11,911	0.44	3,006,087	176.63	6
Nejo	17,916	4,637	5,723	0.32	1,435,547	207.97	7
Gimbi	17,096	3,084	3,979	0.23	1,078,662	212.88	5
Lalo Asabi	10,906	1,224	1,613	0.15	497,233	200.96	6
Boji	15,188	2,357	3,258	0.21	741,832	173.37	7
Ayra Guliso	16,371	2,495	2,913	0.18	684,072	200.67	5
Jarso	16,190	3,151	4,023	0.25	954,062	184.14	6
Gidami	13,636	1,822	1,958	0.14	474,650	224.98	6
Jimma Horo	6,869	722	826	0.12	194,503	212.35	7
Hawa Welel	17,315	1,974	2,088	0.12	550,773	251.12	6
Gawo Dale	23,820	3,589	3,806	0.16	1,006,324	252.05	6
Dale Sadi	11,117	1,217	1,380	0.12	356,434	227.42	5
Yubdo	5,640	842	1,087	0.19	278,842	201.40	6
Ganji	9,611	1,404	1,795	0.19	470,847	207.43	6
Haru	11,508	1,691	2,033	0.18	537,919	221.40	7
Nole Kaba	23,388	2,242	2,840	0.12	709,167	199.56	7
Lalo Kilie	7,900	922	1,182	0.15	295,126	197.60	6
Sayo	19,844	3,155	3,646	0.18	930,670	221.18	6
Anfilo	11,848	864	946	0.08	310,222	299.00	6
Begi	30,734	5,120	5,615	0.18	1,593,393	261.41	6
East Welega Zone	260,893	49,373	63,135	0.24	15,325,834	191.22	7
Limu	20,690	3,578	4,443	0.21	1,119,743	204.18	5
Ibantu	5,087	720	931	0.18	223,064	188.84	5
Gida Kiremu	22,168	2,983	3,746	0.17	900,171	193.84	8
Jarte	7,363	2,522	3,199	0.43	685,642	171.27	7
Amuru	7,739	2,074	2,495	0.32	540,298	184.94	7
Abe Dongoro	9,470	1,014	1,335	0.14	323,776	192.62	7
Jimma Horo	24,023	5,476	7,260	0.30	1,703,346	179.62	7
Abay Chomen	4,715	1,580	2,392	0.51	613,053	164.60	8
Guduru	21,520	4,123	5,550	0.26	1,343,240	178.61	6
Jimma Rare	7,738	846	1,147	0.15	280,212	182.39	8
Bila Seyo	13,470	3,022	3,729	0.28	821,178	182.12	8
Sibu Sire	15,203	3,074	4,049	0.27	965,855	183.20	8
Guto Wayu	28,487	4,739	6,007	0.21	1,449,710	191.21	6
Sasiga	11,346	3,381	4,632	0.41	1,121,611	177.28	5
Leka Dulecha	10,555	1,378	1,816	0.17	491,049	212.80	7
Diga	11,868	2,219	2,935	0.25	798,776	205.85	5
Jimma Arjo	13,333	1,426	1,611	0.12	491,048	265.31	8
Nunu Kumba	10,438	1,480	1,666	0.16	459,741	247.93	7
Wama Bonaya	15,680	3,739	4,192	0.27	994,320	209.16	6
Illibabor Zone	195,287	8,825	10,362	0.05	2,571,735	213.81	6
Darimu	22,324	1,661	2,106	0.09	517,302	197.29	6
Supena Sodo	13,139	436	492	0.04	118,759	213.28	6
Chora	19,554	884	1,021	0.05	268,141	225.15	5
Dega	10,191	754	894	0.09	198,435	195.81	7
Bedele	20,513	1,181	1,480	0.07	341,560	190.70	7
Gechi	10,893	166	179	0.02	42,916	220.62	6
Borecha Wereda	9,030	321	356	0.04	102,520	261.67	4
Dedesa	14,033	774	834	0.06	249,799	274.14	8
yayu	19,201	610	665	0.03	151,547	215.59	7
Metu	22,651	1,237	1,366	0.06	321,574	216.52	6

TABLE 8.26A: - Number of Holders Reporting Ass (For transportation) Owned, Quantity Reported, Replacement Value and Average age of Ass, for Private Holdings. (Continued.)

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)
Illibabor Zone.....							
Ale	17,356	183	206	0.01	49,566	197.15	6
Bure	11,992	618	764	0.06	209,617	218.49	9
Nono	4,411	-	-	-	-	-	-
Jimma Zone	443,315	31,186	34,458	0.08	9,008,300	235.63	8
Limu Seka	29,245	2,809	2,883	0.10	758,917	257.66	5
Limu Kosa	45,921	2,718	2,774	0.06	798,491	281.22	8
Sokoru	25,586	2,643	2,941	0.11	577,575	177.35	7
Tiro Afeta	24,135	2,688	3,004	0.12	733,955	218.40	8
Kersa.....	29,474	3,704	4,476	0.15	1,269,070	226.72	9
Mana	27,816	639	708	0.03	175,012	236.42	7
Goma	49,523	1,011	1,011	0.02	347,225	343.45	5
Gera	20,803	*	*	-	358,971	*	*
Seka chekorsa.....	56,422	*	*	-	*	*	*
Dedo	54,035	2,150	2,150	0.04	606,415	282.05	10
Omonada	45,972	10,406	11,923	0.26	2,943,928	215.33	7
Sigmo.....	16,132	*	*	-	*	*	*
Setema	18,249	*	*	-	*	*	*
West Shewa Zone.....	502,591	123,802	155,433	0.31	35,763,284	183.98	8
Ginde Beret	33,630	5,229	7,593	0.23	1,477,133	136.69	8
Jeldu.....	33,701	5,769	7,194	0.21	1,708,959	194.16	8
Ambo.....	40,122	9,926	13,762	0.34	2,662,440	144.81	8
Cheliya.....	37,011	6,075	7,918	0.21	1,900,922	183.86	8
Bako Tibe	19,389	4,336	5,942	0.31	1,368,784	169.55	7
Dano	15,544	1,804	2,236	0.14	529,505	194.98	7
Nono	23,140	4,089	4,679	0.20	1,144,675	215.62	7
Tikur	12,596	789	896	0.07	216,450	209.50	8
Amaya	21,943	4,388	4,853	0.22	1,195,788	224.44	8
Wonchi	17,405	2,928	3,091	0.18	877,873	268.58	7
Dendi	37,106	7,950	9,827	0.26	2,118,706	177.70	9
Ejerie	15,219	4,163	5,153	0.34	1,039,057	165.29	7
Adda Berga.....	19,302	6,133	8,390	0.43	1,762,229	151.48	8
Walmara	17,073	7,243	9,778	0.57	2,305,786	163.14	7
Alem Gana.....	20,607	9,601	12,547	0.61	3,282,598	197.60	8
Kersana Kondaltiti	22,051	8,687	10,367	0.47	2,749,925	219.70	8
Tole.....	10,401	5,220	6,323	0.61	1,532,138	201.98	7
Elu	10,354	3,290	4,225	0.41	1,034,492	191.16	8
Dawo	13,068	4,312	5,141	0.39	1,238,151	203.60	7
Walisona Goro.....	35,633	8,060	9,300	0.26	2,114,556	200.25	7
Becho.....	11,294	4,744	5,543	0.49	1,320,536	201.83	9
Kokir.....	12,362	5,030	5,590	0.45	1,143,060	178.12	8
Meta Robi	23,639	4,036	5,085	0.22	1,039,521	162.06	9
North Shewa(Oromia) Zone.....	237,011	89,850	113,351	0.48	22,787,008	156.75	9
Wara Jarso	25,009	7,220	9,077	0.36	1,682,668	148.03	8
Dera	35,035	7,325	8,764	0.25	1,534,523	148.65	8
Hidabu Abote	15,884	3,650	4,262	0.27	750,862	153.84	9
Kuyu	20,090	5,236	6,042	0.30	1,037,310	150.02	8
Degem	17,936	6,825	8,117	0.45	1,370,303	143.40	8
Gerar Jarso.....	13,163	6,532	7,716	0.59	1,661,880	177.41	8
Yaya Gulelena Debre Libano..	16,566	7,761	9,492	0.57	1,816,523	155.75	9
Wuchalena Jido	22,017	9,818	12,491	0.57	2,555,931	153.75	9
Abichuna Gna'a	11,868	5,322	6,486	0.55	1,110,372	144.76	10
Kembibit.....	10,860	5,137	6,580	0.61	1,326,380	154.95	8
Berehna Aleltu.....	24,774	13,427	18,444	0.74	4,660,107	178.03	8
Mulona Sululta	23,810	11,597	15,881	0.67	3,280,150	150.24	9

TABLE 8.26A: - Number of Holders Reporting Ass (For transportation) Owned, Quantity Reported, Replacement Value and Average age of Ass, for Private Holdings. (Continued.)

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)
East Shewa Zone	314,966	143,594	198,278	0.63	54,391,742	196.68	8
Fentale	6,677	4,160	6,180	0.93	1,859,233	207.11	8
Boset	24,837	14,689	19,588	0.79	5,722,881	216.59	8
Adama	26,906	15,111	20,740	0.77	5,873,486	208.68	8
Lome	14,564	9,162	14,491	0.99	4,383,979	192.30	10
Gimbichu	15,569	9,238	13,849	0.89	3,682,268	179.15	8
Ada'a Liben Chukala	40,176	20,726	32,764	0.82	9,698,653	185.10	7
Dugda Bora	28,844	9,677	12,589	0.44	3,364,284	205.80	8
Adami Tullu Jido Kombolcha	23,794	9,328	12,939	0.54	3,020,147	167.14	8
Arsi Negele	26,584	10,214	12,538	0.47	3,508,464	231.02	7
Shashemene	46,108	12,250	15,247	0.33	3,974,743	206.38	8
Seraro	48,209	21,418	26,324	0.55	5,888,182	179.89	8
Akaki	12,696	7,621	11,031	0.87	3,415,423	206.93	8
Arsi Zone	493,007	164,438	206,094	0.42	52,865,254	204.09	8
Merti	22,750	7,945	9,161	0.40	2,587,855	247.03	9
Aseko	14,396	2,590	2,996	0.21	859,525	249.67	9
Gololcha	29,178	5,927	6,372	0.22	1,812,166	264.49	9
Jeju	22,217	8,111	10,191	0.46	2,780,448	216.78	7
Dodotana Sire	22,887	13,030	15,994	0.70	4,513,222	230.87	8
Zeway Dugda	21,200	9,373	12,573	0.59	3,197,397	190.46	9
Hitosa	39,229	19,589	25,232	0.64	6,610,890	202.12	9
Sude	25,501	7,292	8,058	0.32	1,910,920	215.08	8
Chole	15,918	4,050	4,466	0.28	1,108,019	227.50	8
Amigna	11,176	4,285	5,224	0.47	1,157,726	184.00	7
Seru	18,205	7,205	8,523	0.47	2,092,117	203.48	8
Robe	27,062	10,799	13,032	0.48	3,102,026	193.48	8
Tena	20,684	7,637	9,313	0.45	2,260,352	198.06	9
Sherka	26,405	9,528	11,569	0.44	2,835,622	194.88	5
Digeluna Tijo	22,181	6,338	8,101	0.37	1,907,632	182.64	9
Tiyo	15,978	6,767	8,559	0.54	2,125,350	195.92	9
Munesa	35,171	10,783	13,521	0.38	3,475,190	207.69	9
Bekoji	35,995	11,184	16,066	0.45	4,035,673	173.87	5
Gedeb	24,847	8,271	12,151	0.49	2,970,189	165.46	6
Kofele	42,028	3,734	4,992	0.12	1,522,936	227.59	5
West Harerge Zone	291,356	88,677	99,381	0.34	30,187,801	272.06	8
Mieso	16,400	8,393	8,956	0.55	2,800,074	292.66	8
Doba	22,768	4,884	5,681	0.25	1,727,058	261.08	9
Tulo	24,329	3,353	3,618	0.15	1,107,508	285.55	8
Mesela	25,840	4,586	5,350	0.21	1,441,319	238.10	9
Chiro	62,368	13,383	15,458	0.25	4,564,652	254.15	9
Goba Koricha	20,014	8,261	9,695	0.48	3,093,051	271.55	8
Anchar	13,430	4,357	5,014	0.37	1,487,708	257.09	7
Habro	30,386	10,588	11,258	0.37	3,605,001	300.67	8
Darolebu	26,978	4,069	4,531	0.17	1,352,382	269.43	8
Boke	22,144	15,706	18,084	0.82	5,097,789	247.33	7
Kuni	26,701	11,098	11,736	0.44	3,911,260	315.07	6
East Harerge Zone	387,193	96,731	104,563	0.27	27,531,304	244.75	9
Kombolcha	20,710	5,503	5,692	0.27	1,511,763	257.85	9
Jarso	17,052	5,190	5,900	0.35	1,403,478	212.92	8
Gursum	25,567	6,185	7,054	0.28	1,914,441	238.31	8
Babile	10,237	1,826	2,021	0.20	637,095	271.68	9
Fedis	24,565	14,017	15,079	0.61	4,321,220	267.16	9
Haro Maya	31,404	9,135	9,226	0.29	3,006,825	323.25	9
Kurfä Chele	7,122	1,769	1,929	0.27	517,695	246.26	9
Kersa	27,745	9,501	9,791	0.35	2,762,960	273.11	7

TABLE 8.26A: - Number of Holders Reporting Ass (For threshing/ transportation) Owned, Quantity Reported, Replacement Value and Average age of Ass, for Private Holdings. (Continued.)

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)
East Harerge Zone							
Meta	43,775	10,917	12,177	0.28	2,734,866	202.80	9
Goro Gutu	25,718	5,548	6,008	0.23	1,304,573	202.08	8
Deder	38,265	9,953	10,750	0.28	2,711,295	236.25	8
Malka Balo	24,930	4,689	5,212	0.21	1,338,408	231.41	7
Beden	43,356	6,290	6,737	0.16	1,539,444	212.10	10
Girawa	38,886	3,668	4,215	0.11	1,065,528	221.63	8
Gola Oda	7,861	2,540	2,775	0.35	761,714	247.10	10
Bale Zone	259,058	87,760	110,640	0.43	29,115,638	210.56	5
Kokosa	23,375	125	152	0.01	*	202.99	*
Dodola	23,650	8,685	11,365	0.48	2,526,319	170.07	5
Adaba	19,856	8,827	11,486	0.58	2,655,333	177.44	5
Agarfa	13,146	8,120	11,003	0.84	2,886,315	190.50	5
Gasera	12,088	7,329	9,337	0.77	2,443,619	207.97	5
Gololcha	14,914	6,554	7,935	0.53	2,202,523	222.54	5
Legehida	8,094	1,162	1,265	0.16	369,499	265.77	5
Ginir	21,653	8,459	10,232	0.47	2,846,977	234.21	5
Sinanana Dinsho	24,988	13,518	18,660	0.75	4,681,565	186.39	5
Goba	7,183	3,710	5,094	0.71	1,389,278	198.95	4
Mennana Arena Buluk	19,198	4,960	5,156	0.27	1,613,868	303.49	6
Nensebo	14,169	707	755	0.05	186,714	231.85	4
Meda Welabu	12,557	776	938	0.07	262,384	234.79	5
Berbere	10,213	2,429	2,429	0.24	742,854	305.99	5
Guradamole	4,160	948	1,014	0.24	283,185	264.21	4
Goro	15,934	7,266	9,270	0.58	2,690,870	226.54	5
Raytu	6,168	1,736	1,948	0.32	582,556	267.70	5
Seweyna	7,711	2,449	2,600	0.34	711,401	259.25	4
Borena Zone	283,104	40,465	53,275	0.19	18,387,324	263.26	9
Uraga	42,623	677	837	0.02	347,582	315.43	10
Bore	30,433	1,233	1,679	0.06	538,458	231.93	8
Adolana Wadera	22,616	6,179	7,585	0.34	2,425,617	262.13	7
Odo Shakiso	14,015	4,450	5,812	0.41	1,972,046	266.83	12
Hager Mariam	86,116	14,115	19,651	0.23	6,704,782	243.47	9
Yabelo	10,081	746	1,118	0.11	414,450	254.24	7
Arero	3,331	342	508	0.15	192,539	253.43	11
Liben	14,844	3,651	4,625	0.31	1,860,213	319.50	8
Moyale	10,736	2,325	2,767	0.26	1,238,765	381.88	10
Dire	13,719	2,980	3,995	0.29	1,295,814	243.61	11
Teltele	7,361	1,524	2,197	0.30	663,667	207.08	9
Gelana Abaya	27,229	2,243	2,499	0.09	733,392	269.11	8

TABLE 8.27A: -Number of Holders Reporting Camel (For threshing/ transportation) Owned, Quantity Reported, Replacement Value and Average age of Camel, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Camels Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Camel (Birr)	Average Age of Camel (Years)
Oromia Region	3,981,704	11,450	16,944	0.00	14,980,711	590.07	8
West Welega Zone	313,923	-	-	-	-	-	-
Mana Sibu	27,022	-	-	-	-	-	-
Nejo	17,916	-	-	-	-	-	-
Gimbi	17,096	-	-	-	-	-	-
Lalo Asabi	10,906	-	-	-	-	-	-
Boji	15,188	-	-	-	-	-	-
Ayra Guliso	16,371	-	-	-	-	-	-
Jarso	16,190	-	-	-	-	-	-
Gidami	13,636	-	-	-	-	-	-
Jimma Horo	6,869	-	-	-	-	-	-
Hawa Welel	17,315	-	-	-	-	-	-
Gawo Dale	23,820	-	-	-	-	-	-
Dale Sadi	11,117	-	-	-	-	-	-
Yubdo	5,640	-	-	-	-	-	-
Ganji	9,611	-	-	-	-	-	-
Haru	11,508	-	-	-	-	-	-
Nole Kaba	23,388	-	-	-	-	-	-
Lalo Kilie	7,900	-	-	-	-	-	-
Sayo	19,844	-	-	-	-	-	-
Anfilo	11,848	-	-	-	-	-	-
Begi	30,734	-	-	-	-	-	-
East Welega Zone	260,893	*	*	-	*	*	*
Limu	20,690	-	-	-	-	-	-
Ibantu	5,087	-	-	-	-	-	-
Gida Kiremu	22,168	-	-	-	-	-	-
Jarte	7,363	-	-	-	-	-	-
Amuru	7,739	-	-	-	-	-	-
Abe Dongoro	9,470	-	-	-	-	-	-
Jimma Horo	24,023	-	-	-	-	-	-
Abay Chomen	4,715	*	*	-	*	*	*
Guduru	21,520	-	-	-	-	-	-
Jimma Rare	7,738	-	-	-	-	-	-
Bila Seyo	13,470	-	-	-	-	-	-
Sibu Sire	15,203	-	-	-	-	-	-
Guto Wayu	28,487	-	-	-	-	-	-
Sasiga	11,346	-	-	-	-	-	-
Leka Dulecha	10,555	-	-	-	-	-	-
Diga	11,868	-	-	-	-	-	-
Jimma Arjo	13,333	-	-	-	-	-	-
Nunu Kumba	10,438	-	-	-	-	-	-
Wama Bonaya	15,680	-	-	-	-	-	-
Illibabor Zone	195,287	-	-	-	-	-	-
Darimu	22,324	-	-	-	-	-	-
Supena Sodo	13,139	-	-	-	-	-	-
Chora	19,554	-	-	-	-	-	-
Dega	10,191	-	-	-	-	-	-
Bedele	20,513	-	-	-	-	-	-
Gechi	10,893	-	-	-	-	-	-
Borecha Wereda	9,030	-	-	-	-	-	-
Dedesa	14,033	-	-	-	-	-	-
yayu	19,201	-	-	-	-	-	-
Metu	22,651	-	-	-	-	-	-

TABLE 8.27A: -Number of Holders Reporting Camel (For threshing/ transportation) Owned, Quantity Reported, Replacement Value and Average age of Camel, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Camels Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Camel (Birr)	Average Age of Camel (Years)
Illibabor Zone							
Ale	17,356	-	-	-	-	-	-
Bure	11,992	-	-	-	-	-	-
Nono	4,411	-	-	-	-	-	-
Jimma Zone	443,315	-	-	-	-	-	-
Limu Seka	29,245	-	-	-	-	-	-
Limu Kosa	45,921	-	-	-	-	-	-
Sokoru	25,586	-	-	-	-	-	-
Tiro Afeta	24,135	-	-	-	-	-	-
Kersa	29,474	-	-	-	-	-	-
Mana	27,816	-	-	-	-	-	-
Goma	49,523	-	-	-	-	-	-
Gera	20,803	-	-	-	-	-	-
Seka chekorsa	56,422	-	-	-	-	-	-
Dedo	54,035	-	-	-	-	-	-
Omonada	45,972	-	-	-	-	-	-
Sigmo	16,132	-	-	-	-	-	-
Setema	18,249	-	-	-	-	-	-
West Shewa Zone	502,591	-	-	-	-	-	-
Ginde Beret	33,630	-	-	-	-	-	-
Jeldu	33,701	-	-	-	-	-	-
Ambo	40,122	-	-	-	-	-	-
Cheliya	37,011	-	-	-	-	-	-
Bako Tibe	19,389	-	-	-	-	-	-
Dano	15,544	-	-	-	-	-	-
Nono	23,140	-	-	-	-	-	-
Tikur	12,596	-	-	-	-	-	-
Amaya	21,943	-	-	-	-	-	-
Wonchi	17,405	-	-	-	-	-	-
Dendi	37,106	-	-	-	-	-	-
Ejerie	15,219	-	-	-	-	-	-
Adda Berga	19,302	-	-	-	-	-	-
Walmara	17,073	-	-	-	-	-	-
Alem Gana	20,607	-	-	-	-	-	-
Kersana Kondaltiti	22,051	-	-	-	-	-	-
Tole	10,401	-	-	-	-	-	-
Elu	10,354	-	-	-	-	-	-
Dawo	13,068	-	-	-	-	-	-
Walisona Goro	35,633	-	-	-	-	-	-
Becho	11,294	-	-	-	-	-	-
Kokir	12,362	-	-	-	-	-	-
Meta Robi	23,639	-	-	-	-	-	-
North Shewa(Oromia) Zone	237,011	-	-	-	-	-	-
Wara Jarso	25,009	-	-	-	-	-	-
Dera	35,035	-	-	-	-	-	-
Hidabu Abote	15,884	-	-	-	-	-	-
Kuyu	20,090	-	-	-	-	-	-
Degem	17,936	-	-	-	-	-	-
Gerar Jarso	13,163	-	-	-	-	-	-
Yaya Gulelena Debre Libano	16,566	-	-	-	-	-	-
Wuchalena Jido	22,017	-	-	-	-	-	-
Abichuna Gna'a	11,868	-	-	-	-	-	-
Kembibit	10,860	-	-	-	-	-	-
Berehna Aleltu	24,774	-	-	-	-	-	-
Mulona Sululta	23,810	-	-	-	-	-	-

TABLE 8.27A: -Number of Holders Reporting Camel (For threshing/ transportation) Owned, Quantity Reported, Replacement Value and Average age of Camel, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Camels Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Camel (Birr)	Average Age of Camel (Years)
East Shewa Zone	314,966	1,434	2,284	0.01	2,761,968	564.73	9
Fentale	6,677	759	1,410	0.21	2,070,050	528.07	10
Boset	24,837	639	838	0.03	670,403	625.00	8
Adama	26,906	*	*	-	*	*	*
Lome	14,564	-	-	-	-	-	-
Gimbichu	15,569	-	-	-	-	-	-
Ada'a Liben Chukala	40,176	-	-	-	-	-	-
Dugda Bora	28,844	-	-	-	-	-	-
Adami Tullu Jido Kombolcha	23,794	-	-	-	-	-	-
Arsi Negele	26,584	-	-	-	-	-	-
Shashemene	46,108	-	-	-	-	-	-
Seraro	48,209	-	-	-	-	-	-
Akaki	12,696	-	-	-	-	-	-
Arsi Zone	493,007	*	*	-	*	*	*
Merti	22,750	*	*	-	*	*	*
Aseko	14,396	-	-	-	-	-	-
Gololcha	29,178	-	-	-	-	-	-
Jeju	22,217	*	*	-	*	*	*
Dodotana Sire	22,887	-	-	-	-	-	-
Zeway Dugda	21,200	-	-	-	-	-	-
Hitosa	39,229	-	-	-	-	-	-
Sude	25,501	-	-	-	-	-	-
Chole	15,918	-	-	-	-	-	-
Amigna	11,176	-	-	-	-	-	-
Seru	18,205	-	-	-	-	-	-
Robe	27,062	-	-	-	-	-	-
Tena	20,684	-	-	-	-	-	-
Sherka	26,405	-	-	-	-	-	-
Digeluna Tijo	22,181	-	-	-	-	-	-
Tiyo	15,978	-	-	-	-	-	-
Munesa	35,171	-	-	-	-	-	-
Bekoji	35,995	-	-	-	-	-	-
Gedeb	24,847	-	-	-	-	-	-
Kofele	42,028	-	-	-	-	-	-
West Harerge Zone	291,356	1,782	3,423	0.01	3,392,058	522.79	8
Mieso	16,400	940	1,718	0.10	1,855,921	575.31	9
Doba	22,768	-	-	-	-	-	-
Tulo	24,329	-	-	-	-	-	-
Mesela	25,840	-	-	-	-	-	-
Chiro	62,368	*	*	-	*	*	*
Goba Koricha	20,014	*	*	-	*	*	*
Anchar	13,430	*	*	-	*	*	*
Habro	30,386	*	*	-	*	*	*
Darolebu	26,978	-	-	-	-	-	-
Boke	22,144	*	*	-	*	*	*
Kuni	26,701	-	-	-	-	-	-
East Harerge Zone	387,193	705	1,090	0.00	1,002,873	972.79	7
Kombolcha	20,710	-	-	-	-	-	-
Jarso	17,052	*	*	-	*	*	*
Gursum	25,567	297	387	0.02	459,026	952.47	5
Babile	10,237	*	*	-	*	*	*
Fedis	24,565	*	*	-	*	*	*
Haro Maya	31,404	-	-	-	-	-	-
Kurfa Chele	7,122	-	-	-	-	-	-
Kersa	27,745	-	-	-	-	-	-

TABLE 8.27A: -Number of Holders Reporting Camel (For threshing/ transportation) Owned, Quantity Reported, Replacement Value and Average age of Camel, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Camels Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Camel (Birr)	Average Age of Camel (Years)
East Harerge Zone							
Meta	43,775	-	-	-	-	-	-
Goro Gutu	25,718	*	*	-	*	*	*
Deder	38,265	-	-	-	-	-	-
Malka Balo	24,930	*	*	-	*	*	*
Bedeno	43,356	-	-	-	-	-	-
Girawa	38,886	-	-	-	-	-	-
Gola Oda	7,861	*	*	-	*	*	*
Bale Zone	259,058	3,433	3,961	0.02	2,758,559	602.61	5
Kokosa	23,375	-	-	-	-	-	-
Dodola	23,650	-	-	-	-	-	-
Adaba	19,856	-	-	-	-	-	-
Agarfa	13,146	-	-	-	-	-	-
Gasera	12,088	-	-	-	-	-	-
Gololcha	14,914	*	*	-	*	*	*
Legehida	8,094	519	635	0.08	451,609	580.17	6
Ginir	21,653	*	*	-	*	*	*
Sinanana Dinsho	24,988	-	-	-	-	-	-
Goba	7,183	-	-	-	-	-	-
Mennana Arena Buluk	19,198	288	288	0.02	174,202	604.87	3
Nensebo	14,169	-	-	-	-	-	-
Meda Welabu	12,557	1,066	1,325	0.11	873,352	529.12	7
Berbere	10,213	*	*	-	*	*	*
Guradamole	4,160	*	*	-	*	*	*
Goro	15,934	*	*	-	*	*	*
Raytu	6,168	756	825	0.13	628,912	688.86	5
Seweyna	7,711	424	502	0.07	367,576	631.24	5
Borena Zone	283,104	3,964	5,644	0.02	4,577,669	594.23	9
Uraga	42,623	-	-	-	-	-	-
Bore	30,433	-	-	-	-	-	-
Adolana Wadera	22,616	-	-	-	-	-	-
Odo Shakiso	14,015	98	98	0.01	92,941	948.37	6
Hager Mariam	86,116	-	-	-	-	-	-
Yabelo	10,081	906	1,230	0.12	1,080,188	651.15	8
Arero	3,331	685	856	0.26	741,945	688.13	10
Liben	14,844	1,312	1,976	0.13	1,679,368	549.90	9
Moyale	10,736	278	703	0.07	389,782	352.76	10
Dire	13,719	616	712	0.05	518,332	647.79	11
Teltele	7,361	70	70	0.01	75,114	1,073.06	10
Gelana Abaya	27,229	-	-	-	-	-	-

TABLE 8.28A: -Number of Holders Reporting Cattle (For threshing/ 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)
Oromia Region	3,981,704	2,444,409	6,242,998	1.57	3,140,442,613	206.13	6
West Welega Zone	313,923	168,184	448,370	1.43	157,198,180	147.51	6
Mana Sibu	27,022	15,127	62,023	2.30	18,655,154	93.85	5
Nejo	17,916	10,351	37,658	2.10	11,939,996	93.81	6
Gimbi	17,096	8,659	20,710	1.21	7,555,474	175.40	5
Lalo Asabi	10,906	4,506	10,774	0.99	3,928,200	160.46	5
Boji	15,188	7,324	30,957	2.04	7,297,430	80.30	6
Ayra Guliso	16,371	8,783	17,790	1.09	6,032,876	174.61	5
Jarso	16,190	10,856	40,800	2.52	13,116,785	93.09	6
Gidami	13,636	7,653	13,629	1.00	5,864,610	250.10	6
Jimma Horo	6,869	4,842	9,070	1.32	3,889,707	230.17	6
Hawa Welel	17,315	9,340	14,903	0.86	6,713,770	281.44	7
Gawo Dale	23,820	11,399	25,765	1.08	9,803,723	168.76	5
Dale Sadi	11,117	7,288	20,307	1.83	8,245,221	137.31	5
Yubdo	5,640	2,915	8,063	1.43	2,483,121	119.30	6
Ganji	9,611	5,411	14,059	1.46	5,164,957	149.30	6
Haru	11,508	5,078	13,212	1.15	4,823,629	149.64	6
Nole Kaba	23,388	13,780	42,018	1.80	13,245,933	110.32	7
Lalo Kilie	7,900	5,682	17,892	2.26	5,612,674	102.52	6
Sayo	19,844	9,366	13,262	0.67	6,121,009	326.36	6
Anfilo	11,848	2,697	5,292	0.45	2,423,521	243.04	6
Begi	30,734	17,128	30,187	0.98	14,280,389	267.88	6
East Welega Zone	260,893	184,245	642,951	2.46	250,056,000	117.96	7
Limu	20,690	13,620	50,140	2.42	18,069,684	104.20	6
Ibantu	5,087	4,142	15,569	3.06	6,575,897	113.84	6
Gida Kiremu	22,168	15,913	50,456	2.28	20,949,848	134.67	6
Jarte	7,363	6,037	30,521	4.15	10,487,623	74.05	6
Amuru	7,739	6,214	28,546	3.69	11,088,842	87.17	7
Abe Dongoro	9,470	5,795	20,088	2.12	7,683,067	123.63	7
Jimma Horo	24,023	18,103	75,252	3.13	30,611,271	106.55	7
Abay Chomen	4,715	3,720	16,080	3.41	7,164,409	107.19	7
Guduru	21,520	16,400	62,200	2.89	26,348,045	124.52	7
Jimma Rare	7,738	5,697	16,448	2.13	7,772,095	167.69	8
Bila Seyo	13,470	10,348	34,701	2.58	12,703,764	118.98	7
Sibu Sire	15,203	10,787	32,717	2.15	13,268,641	135.59	7
Guto Wayu	28,487	16,707	49,917	1.75	19,397,651	134.56	6
Sasiga	11,346	6,957	21,239	1.87	7,858,617	126.67	6
Leka Dulecha	10,555	7,732	25,556	2.42	9,362,263	114.47	7
Diga	11,868	7,769	20,658	1.74	7,954,089	156.35	5
Jimma Arjo	13,333	9,439	29,113	2.18	10,600,556	122.91	8
Nunu Kumba	10,438	7,524	25,096	2.40	8,525,017	105.38	7
Wama Bonaya	15,680	11,341	38,654	2.47	13,634,624	109.36	7
Illibabor Zone	195,287	125,445	316,056	1.62	115,798,807	152.97	6
Darimu	22,324	13,898	28,570	1.28	8,418,501	145.90	6
Supena Sodo	13,139	8,511	29,897	2.28	8,864,089	89.70	7
Chora	19,554	13,792	44,394	2.27	16,242,892	120.03	6
Dega	10,191	7,244	25,031	2.46	8,497,169	102.54	7
Bedele	20,513	14,452	47,805	2.33	16,814,982	110.88	6
Gechi	10,893	8,161	24,905	2.29	8,900,111	124.65	6
Borecha Wereda	9,030	6,555	20,174	2.23	7,937,030	126.34	6
Dedesa	14,033	8,275	16,773	1.20	7,845,991	233.83	8
yayu	19,201	11,923	26,294	1.37	10,310,158	186.10	7
Metu	22,651	11,400	17,999	0.79	7,351,016	265.72	6

TABLE 8.28A: -Number of Holders Reporting Cattle (For threshing/ transportation) Owned, Quantity Reported, Replacement Value and Average age of Cattle , for Private Holdings. (Continued.)

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)
Illibabor Zone.....							
Ale	17,356	10,660	16,131	0.93	7,304,887	295.45	6
Bure	11,992	8,019	14,703	1.23	5,727,535	210.86	7
Nono	4,411	2,557	3,383	0.77	1,584,449	349.50	6
Jimma Zone	443,315	299,504	606,529	1.37	259,585,954	219.37	6
Limu Seka	29,245	22,714	54,637	1.87	22,130,956	174.34	6
Limu Kosa	45,921	31,931	63,420	1.38	30,620,285	242.11	7
Sokoru	25,586	18,829	37,911	1.48	13,894,374	188.89	6
Tiro Afeta	24,135	19,324	40,617	1.68	18,668,902	217.80	6
Kersa.....	29,474	25,344	60,785	2.06	26,567,020	188.56	7
Mana	27,816	14,582	23,600	0.85	11,029,717	304.51	7
Goma	49,523	19,740	30,080	0.61	15,784,026	342.36	6
Gera	20,803	15,185	27,712	1.33	12,949,056	247.89	8
Seka chekorsa.....	56,422	35,407	58,261	1.03	26,204,167	258.51	7
Dedo	54,035	40,308	90,275	1.67	28,830,443	177.39	6
Omonada	45,972	34,903	75,098	1.63	32,865,301	201.99	6
Sigmo.....	16,132	9,926	14,447	0.90	6,800,763	323.21	5
Setema	18,249	11,311	29,686	1.63	13,240,942	183.17	6
West Shewa Zone.....	502,591	346,984	977,835	1.95	508,170,099	195.59	7
Ginde Beret	33,630	24,268	68,873	2.05	31,713,748	171.53	7
Jeldu.....	33,701	23,423	53,538	1.59	31,744,869	261.64	8
Ambo.....	40,122	28,754	110,817	2.76	45,449,678	116.03	7
Cheliya.....	37,011	26,833	86,383	2.33	35,010,044	129.22	7
Bako Tibe	19,389	11,289	41,413	2.14	16,689,660	114.80	7
Dano	15,544	13,319	51,519	3.31	20,535,538	109.57	7
Nono	23,140	17,091	44,229	1.91	21,600,986	193.67	7
Tikur	12,596	5,869	11,988	0.95	5,102,640	220.99	7
Amaya	21,943	15,846	36,187	1.65	18,404,759	238.58	8
Wonchi	17,405	10,159	17,100	0.98	9,474,915	344.84	7
Dendi	37,106	24,372	66,112	1.78	39,088,292	229.84	8
Ejerie	15,219	10,443	26,145	1.72	17,303,602	270.01	8
Adda Berga.....	19,302	14,913	49,667	2.57	26,980,901	168.67	8
Walmara	17,073	11,876	37,992	2.23	21,932,748	182.81	7
Alem Gana.....	20,607	12,624	35,240	1.71	23,347,779	244.66	8
Kersana Kondaltiti	22,051	17,370	50,575	2.29	30,506,435	210.67	8
Tole.....	10,401	8,019	20,824	2.00	13,294,606	260.10	7
Elu	10,354	6,859	15,129	1.46	11,029,685	331.46	9
Dawo	13,068	9,025	23,586	1.80	14,389,311	240.97	8
Walisona Goro.....	35,633	20,613	47,305	1.33	26,838,370	253.26	7
Becho.....	11,294	8,610	18,242	1.62	12,268,696	323.62	8
Kokir.....	12,362	8,516	17,254	1.40	9,317,504	266.38	8
Meta Robi	23,639	16,892	47,719	2.02	26,145,335	205.84	8
North Shewa(Oromia) Zone.....	237,011	185,442	588,620	2.48	347,156,465	190.04	8
Wara Jarso	25,009	19,622	56,418	2.26	31,105,269	199.26	8
Dera	35,035	23,577	60,537	1.73	33,016,819	219.49	8
Hidabu Abote	15,884	11,967	33,546	2.11	18,298,065	194.77	8
Kuyu	20,090	15,361	39,327	1.96	22,362,261	223.53	7
Degem	17,936	13,572	40,848	2.28	22,762,659	192.38	8
Gerar Jarso.....	13,163	11,491	30,728	2.33	19,806,659	241.31	7
Yaya Gulelena Debre Libano..	16,566	13,651	40,235	2.43	24,433,231	213.32	8
Wuchalena Jido	22,017	18,128	76,293	3.47	44,456,557	143.97	7
Abichuna Gna'a	11,868	10,044	41,088	3.46	21,563,829	127.04	10
Kembibit.....	10,860	8,279	28,824	2.65	19,285,880	198.29	8
Berehna Aleltu.....	24,774	20,059	74,878	3.02	46,564,417	172.74	8
Mulona Sululta	23,810	19,690	65,898	2.77	43,500,819	201.80	7

TABLE 8.28A: -Number of Holders Reporting Cattle (For threshing/ transportation) Owned, Quantity Reported, Replacement Value and Average age of Cattle , for Private Holdings. (Continued.)

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)
East Shewa Zone	314,966	199,508	490,939	1.56	311,469,384	254.06	7
Fentale	6,677	4,239	8,061	1.21	5,426,392	376.09	7
Boset	24,837	15,893	36,154	1.46	26,338,153	306.45	8
Adama	26,906	15,270	37,318	1.39	25,740,643	284.18	7
Lome	14,564	11,420	39,040	2.68	28,096,788	218.03	8
Gimbichu	15,569	13,143	40,814	2.62	30,374,527	250.47	7
Ada'a Liben Chukala	40,176	29,057	93,912	2.34	66,537,192	228.93	7
Dugda Bora	28,844	20,670	50,453	1.75	29,933,009	245.24	7
Adami Tullu Jido Kombolcha	23,794	14,060	29,882	1.26	14,626,198	230.51	6
Arsi Negele	26,584	16,556	33,029	1.24	16,949,655	265.95	6
Shashemene	46,108	22,212	38,316	0.83	19,500,361	302.22	6
Seraro	48,209	27,406	49,191	1.02	23,152,548	266.15	7
Akaki	12,696	9,582	34,769	2.74	24,793,917	203.12	7
Arsi Zone	493,007	367,539	1,064,535	2.16	566,092,400	192.77	6
Merti	22,750	18,361	57,994	2.55	33,078,124	189.57	7
Aseko	14,396	11,450	31,866	2.21	18,617,536	222.64	8
Gololcha	29,178	18,852	31,640	1.08	20,450,586	393.84	7
Jeju	22,217	16,213	38,080	1.71	23,904,576	285.04	7
Dodotana Sire	22,887	16,562	43,265	1.89	28,157,706	253.13	8
Zeway Dugda	21,200	14,776	34,080	1.61	19,359,191	260.03	8
Hitosa	39,229	29,030	92,007	2.35	51,996,633	187.71	8
Sude	25,501	20,284	60,020	2.35	31,003,121	179.69	7
Chole	15,918	12,164	32,055	2.01	19,242,182	236.10	7
Amigna	11,176	9,297	34,002	3.04	16,648,919	131.80	6
Seru	18,205	14,878	47,965	2.63	22,438,008	153.75	6
Robe	27,062	22,255	77,388	2.86	37,197,906	143.69	6
Tena	20,684	16,120	54,194	2.62	27,447,321	155.25	7
Sherka	26,405	21,995	64,439	2.44	32,872,416	178.23	4
Digeluna Tijo	22,181	16,589	54,609	2.46	27,361,818	158.71	7
Tiyo	15,978	12,026	35,276	2.21	19,712,400	197.20	8
Munesa	35,171	25,843	70,305	2.00	36,705,067	193.44	7
Bekoji	35,995	28,116	92,589	2.57	44,810,145	150.03	4
Gedeb	24,847	18,818	49,423	1.99	23,948,710	191.38	4
Kofele	42,028	23,911	63,339	1.51	31,140,034	203.92	4
West Harerge Zone	291,356	180,611	334,197	1.15	224,771,315	370.67	5
Mieso	16,400	13,594	25,835	1.58	20,399,715	417.20	5
Doba	22,768	16,605	30,025	1.32	22,362,547	425.35	6
Tulo	24,329	15,319	27,040	1.11	18,277,096	394.53	5
Mesela	25,840	9,313	16,234	0.63	8,499,183	318.00	6
Chiro	62,368	33,835	59,083	0.95	43,278,543	422.66	5
Goba Koricha	20,014	15,165	30,754	1.54	20,583,094	336.93	6
Anchar	13,430	9,965	20,640	1.54	14,436,244	354.69	6
Habro	30,386	16,874	29,800	0.98	20,203,486	384.30	6
Darolebu	26,978	17,546	29,790	1.10	19,390,992	383.60	6
Boke	22,144	13,639	25,127	1.13	12,276,141	278.92	6
Kuni	26,701	18,755	39,869	1.49	25,064,275	299.81	5
East Harerge Zone	387,193	145,961	201,321	0.52	119,588,854	434.22	5
Kombolcha	20,710	1,819	2,506	0.12	1,351,205	402.46	5
Jarso	17,052	5,659	7,238	0.42	4,172,659	450.08	5
Gursum	25,567	14,020	24,671	0.96	14,284,051	339.03	4
Babile	10,237	7,469	12,919	1.26	8,315,056	359.55	3
Fedis	24,565	12,096	16,928	0.69	9,820,930	414.63	5
Haro Maya	31,404	2,949	3,170	0.10	1,906,342	557.60	5
Kurfa Chele	7,122	2,653	3,113	0.44	2,147,988	577.86	5
Kersa	27,745	11,124	13,929	0.50	8,856,262	517.38	4

TABLE 8.28A: -Number of Holders Reporting Cattle (For threshing/ transportation) Owned, Quantity Reported, Replacement Value and Average age of Cattle , for Private Holdings. (Continued.)

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)
East Harerge Zone							
Meta	43,775	20,756	25,468	0.58	16,166,721	525.00	5
Goro Gutu	25,718	13,048	17,148	0.67	10,818,290	482.31	6
Deder	38,265	15,923	20,695	0.54	13,443,977	499.91	5
Malka Balo	24,930	8,142	11,938	0.48	6,994,512	406.56	6
Bedeno	43,356	14,634	19,654	0.45	9,996,270	383.92	5
Girawa	38,886	10,244	12,992	0.33	6,466,536	388.94	5
Gola Oda	7,861	5,426	8,950	1.14	4,848,054	325.18	6
Bale Zone	259,058	156,351	366,854	1.42	172,440,396	202.01	4
Kokosa	23,375	1,129	1,645	0.07	981,168	400.14	5
Dodola	23,650	14,829	34,762	1.47	14,614,286	185.86	4
Adaba	19,856	14,198	35,476	1.79	15,662,796	178.48	4
Agarfa	13,146	10,669	30,368	2.31	14,196,198	167.58	4
Gasera	12,088	8,975	25,842	2.14	12,356,031	168.15	4
Gololcha	14,914	11,121	29,254	1.96	15,762,168	199.38	4
Legehida	8,094	4,462	9,618	1.19	4,235,539	211.16	4
Ginir	21,653	16,339	38,397	1.77	19,566,464	226.77	3
Sinanana Dinsho	24,988	20,325	53,359	2.14	25,429,143	182.42	4
Goba	7,183	5,568	12,673	1.76	6,219,235	218.10	4
Mennana Arena Buluk	19,198	10,287	19,002	0.99	8,347,506	239.92	4
Nensebo	14,169	1,617	3,529	0.25	1,415,715	192.85	3
Meda Welabu	12,557	7,807	13,861	1.10	5,914,238	241.74	4
Berbere	10,213	6,242	11,310	1.11	4,867,410	237.15	4
Guradamole	4,160	3,066	6,153	1.48	2,649,121	214.24	3
Goro	15,934	12,870	31,220	1.96	15,298,489	201.04	4
Raytu	6,168	2,790	3,922	0.64	1,996,254	364.81	3
Seweyna	7,711	4,055	6,464	0.84	2,928,634	287.05	3
Borena Zone	283,104	84,635	204,792	0.72	108,114,760	219.78	6
Uraga	42,623	6,146	11,389	0.27	5,563,415	257.92	8
Bore	30,433	11,814	29,881	0.98	11,150,756	171.82	6
Adolana Wadera	22,616	15,053	38,443	1.70	17,521,604	176.85	6
Odo Shakiso	14,015	3,898	10,765	0.77	4,747,824	169.41	8
Hager Mariam	86,116	11,209	32,842	0.38	17,931,488	187.08	6
Yabelo	10,081	4,323	9,524	0.94	6,385,508	301.92	6
Arero	3,331	1,135	2,270	0.68	1,526,588	323.94	5
Liben	14,844	8,355	19,662	1.32	11,724,486	241.61	6
Moyale	10,736	5,481	12,106	1.13	8,642,376	317.19	7
Dire	13,719	7,742	17,925	1.31	13,161,239	299.09	6
Teltele	7,361	4,705	9,889	1.34	5,283,309	253.10	6
Gelana Abaya	27,229	4,774	10,096	0.37	4,476,166	208.60	5

TABLE 8.29A:- Number of Holders Reporting Horse (For threshing/ 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)
Oromia Region	3,981,704	369,961	508,863	0.13	190,677,389	274.53	8
West Welega Zone	313,923	3,712	4,484	0.01	2,068,150	381.25	8
Mana Sibu	27,022	*	*	-	*	*	*
Nejo	17,916	-	-	-	-	-	-
Gimbi	17,096	*	*	-	*	*	*
Lalo Asabi	10,906	*	*	-	*	*	*
Boji	15,188	-	-	-	-	-	-
Ayra Guliso	16,371	105	128	0.01	*	*	*
Jarso	16,190	-	-	-	-	-	-
Gidami	13,636	*	*	-	*	*	*
Jimma Horo	6,869	34	43	0.01	16,609	324.85	*
Hawa Welel	17,315	919	*	-	604,949	*	*
Gawo Dale	23,820	*	*	-	*	*	*
Dale Sadi	11,117	*	*	-	*	*	*
Yubdo	5,640	63	69	0.01	23,349	301.17	*
Ganji	9,611	54	54	0.01	22,355	413.98	7
Haru	11,508	*	*	-	*	*	*
Nole Kaba	23,388	692	864	0.04	265,128	256.19	8
Lalo Kilie	7,900	39	39	0.00	18,242	467.73	*
Sayo	19,844	933	1,184	0.06	547,954	356.72	8
Anfilo	11,848	562	666	0.06	317,175	400.10	7
Begi	30,734	*	*	-	*	*	*
East Welega Zone	260,893	11,283	16,913	0.06	5,551,392	224.74	9
Limu	20,690	-	-	-	-	-	-
Ibantu	5,087	*	*	-	*	*	*
Gida Kiremu	22,168	-	-	-	-	-	-
Jarte	7,363	163	212	0.03	77,099	298.79	8
Amuru	7,739	*	*	-	*	*	*
Abe Dongoro	9,470	206	342	0.04	110,411	215.00	9
Jimma Horo	24,023	6,229	10,557	0.44	3,373,413	191.31	9
Abay Chomen	4,715	56	*	-	42,189	*	8
Guduru	21,520	605	750	0.03	283,173	315.57	7
Jimma Rare	7,738	1,243	1,558	0.20	506,450	264.21	8
Bila Seyo	13,470	705	888	0.07	314,596	278.24	8
Sibu Sire	15,203	*	*	-	*	*	*
Guto Wayu	28,487	*	*	-	*	*	*
Sasiga	11,346	*	*	-	*	*	*
Leka Dulecha	10,555	345	370	0.04	159,592	411.86	9
Diga	11,868	*	*	-	*	*	*
Jimma Arjo	13,333	353	416	0.03	170,365	334.58	10
Nunu Kumba	10,438	-	-	-	-	-	-
Wama Bonaya	15,680	*	*	-	*	*	*
Illibabor Zone	195,287	15,626	19,487	0.10	6,450,998	269.78	8
Darimu	22,324	350	440	0.02	115,114	209.79	6
Supena Sodo	13,139	1,633	2,194	0.17	641,037	222.62	7
Chora	19,554	2,098	2,356	0.12	770,038	289.58	8
Dega	10,191	1,119	1,487	0.15	436,877	222.21	8
Bedele	20,513	343	375	0.02	115,693	287.03	7
Gechi	10,893	1,041	1,606	0.15	499,025	198.59	7
Borecha Wereda	9,030	477	568	0.06	207,979	318.18	7
Dedesa	14,033	419	550	0.04	172,391	242.60	17
yayu	19,201	1,815	2,112	0.11	760,655	310.81	8
Metu	22,651	1,861	2,193	0.10	704,283	273.46	9

TABLE 8.29A:- Number of Holders Reporting Horse (For threshing/ transportation) Owned, Quantity Reported, Replacement Value and Average age of Horse, for Private Holdings. (Continued.)

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)
Illibabor Zone.....							
Ale	17,356	3,343	4,306	0.25	1,434,227	267.38	7
Bure	11,992	447	501	0.04	180,220	322.09	8
Nono	4,411	681	798	0.18	413,458	443.85	8
Jimma Zone	443,315	37,821	44,232	0.10	15,424,762	297.33	9
Limu Seka	29,245	*	*	-	*	*	*
Limu Kosa	45,921	876	876	0.02	330,980	377.83	7
Sokoru	25,586	202	202	0.01	65,266	323.10	7
Tiro Afeta	24,135	2,402	2,678	0.11	932,987	309.27	8
Kersa.....	29,474	1,990	2,192	0.07	749,353	304.95	11
Mana	27,816	1,058	1,144	0.04	400,620	341.12	6
Goma	49,523	2,211	2,527	0.05	926,206	325.36	8
Gera	20,803	3,382	4,422	0.21	1,672,268	293.37	9
Seka chekorsa.....	56,422	6,611	7,536	0.13	2,418,149	284.08	9
Dedo	54,035	7,499	8,258	0.15	2,561,623	279.69	8
Omonada	45,972	5,939	6,821	0.15	2,269,481	286.20	10
Sigmo.....	16,132	2,499	2,935	0.18	1,235,850	360.89	6
Setema	18,249	3,033	4,522	0.25	1,829,916	277.50	9
West Shewa Zone.....	502,591	72,601	101,739	0.20	38,218,628	274.54	9
Ginde Beret	33,630	4,407	6,513	0.19	2,586,406	280.19	10
Jeldu.....	33,701	7,598	12,295	0.36	4,568,491	232.06	10
Ambo.....	40,122	8,734	12,827	0.32	4,444,886	231.77	7
Cheliya.....	37,011	4,124	5,994	0.16	2,080,892	248.87	8
Bako Tibe	19,389	904	1,001	0.05	371,912	358.52	8
Dano	15,544	935	1,195	0.08	376,561	255.31	9
Nono	23,140	4,366	6,070	0.26	1,952,521	234.16	7
Tikur	12,596	5,943	8,070	0.64	2,519,858	233.33	9
Amaya	21,943	1,556	1,658	0.08	612,658	345.58	9
Wonchi	17,405	2,481	2,616	0.15	1,019,836	371.72	7
Dendi	37,106	9,663	15,828	0.43	5,939,359	228.36	10
Ejerie	15,219	3,290	5,046	0.33	1,931,965	264.48	9
Adda Berga.....	19,302	3,035	4,529	0.23	1,695,018	262.98	11
Walmara	17,073	2,582	3,372	0.20	1,481,411	343.46	9
Alem Gana.....	20,607	643	784	0.04	448,190	513.61	6
Kersana Kondaltiti	22,051	2,485	2,917	0.13	1,206,875	353.27	8
Tole.....	10,401	1,150	1,282	0.12	706,985	522.76	7
Elu	10,354	699	712	0.07	436,848	605.81	8
Dawo	13,068	1,120	1,231	0.09	673,117	506.15	9
Walisona Goro.....	35,633	1,466	1,466	0.04	526,976	359.46	*
Becho.....	11,294	395	422	0.04	263,244	608.95	7
Kokir.....	12,362	2,969	3,130	0.25	1,251,232	382.13	9
Meta Robi	23,639	2,057	2,779	0.12	1,123,389	301.95	11
North Shewa(Oromia) Zone.....	237,011	19,832	24,871	0.10	10,485,389	339.57	10
Wara Jarso	25,009	*	*	-	*	*	*
Dera	35,035	*	*	-	*	*	*
Hidabu Abote	15,884	352	376	0.02	226,913	581.07	13
Kuyu	20,090	472	498	0.02	291,823	576.71	11
Degem	17,936	434	502	0.03	240,148	416.52	8
Gerar Jarso.....	13,163	617	666	0.05	315,450	453.44	11
Yaya Gulelena Debre Libano..	16,566	1,152	1,247	0.08	493,449	377.56	9
Wuchalena Jido	22,017	4,028	6,092	0.28	2,220,121	235.44	8
Abichuna Gna'a	11,868	2,851	3,472	0.29	1,180,122	279.79	11
Kembibit.....	10,860	2,170	2,763	0.25	1,099,730	289.45	9
Berehna Aleltu	24,774	4,021	4,756	0.19	2,423,973	440.41	10
Mulona Sululta	23,810	3,458	4,161	0.17	1,865,724	373.18	10

TABLE 8.29A:- Number of Holders Reporting Horse (For threshing/ transportation) Owned, Quantity Reported, Replacement Value and Average age of Horse, for Private Holdings. (Continued.)

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)
East Shewa Zone	314,966	10,799	14,329	0.05	6,721,526	363.92	8
Fentale	6,677	*	*	-	*	*	*
Boset	24,837	261	261	0.01	172,252	659.97	10
Adama	26,906	410	462	0.02	259,847	512.12	8
Lome	14,564	*	*	-	*	*	*
Gimbichu	15,569	910	962	0.06	519,243	516.35	8
Ada'a Liben Chukala	40,176	1,157	1,271	0.03	759,945	553.98	6
Dugda Bora	28,844	292	506	0.02	178,458	215.51	8
Adami Tullu Jido Kombolcha	23,794	631	760	0.03	287,782	315.39	6
Arsi Negele	26,584	2,489	3,248	0.12	1,384,707	328.02	9
Shashemene	46,108	3,339	5,472	0.12	2,527,009	290.17	8
Seraro	48,209	859	910	0.02	322,282	344.18	8
Akaki	12,696	409	435	0.03	285,342	609.58	6
Arsi Zone	493,007	112,222	160,639	0.33	61,237,221	264.34	8
Merti	22,750	4,701	5,623	0.25	1,952,739	295.50	10
Aseko	14,396	2,477	3,220	0.22	1,184,066	285.08	10
Gololcha	29,178	665	665	0.02	296,162	445.36	11
Jeju	22,217	3,677	4,468	0.20	1,769,293	325.01	10
Dodotana Sire	22,887	1,398	1,650	0.07	671,719	344.08	9
Zeway Dugda	21,200	565	621	0.03	339,313	505.88	11
Hitosa	39,229	3,605	4,056	0.10	1,881,120	417.02	10
Sude	25,501	4,998	5,586	0.22	2,133,582	341.23	8
Chole	15,918	4,396	6,134	0.39	2,490,518	259.57	9
Amigna	11,176	1,439	1,542	0.14	683,166	428.48	9
Seru	18,205	2,130	2,325	0.13	1,062,135	418.36	10
Robe	27,062	1,931	1,993	0.07	772,912	379.99	8
Tena	20,684	4,373	5,746	0.28	2,187,779	294.15	8
Sherka	26,405	5,410	6,875	0.26	2,431,470	265.85	5
Digeluna Tijo	22,181	9,583	13,015	0.59	4,697,969	263.17	9
Tiyo	15,978	3,865	5,335	0.33	2,004,728	272.68	9
Munesa	35,171	11,616	17,194	0.49	6,784,498	263.46	10
Bekoji	35,995	11,512	19,128	0.53	6,572,459	201.67	5
Gedeb	24,847	10,735	15,974	0.64	5,882,289	245.53	6
Kofele	42,028	23,145	39,489	0.94	15,439,303	227.02	5
West Harerge Zone	291,356	656	656	0.00	347,330	529.47	9
Mieso	16,400	-	-	-	-	-	-
Doba	22,768	-	-	-	-	-	-
Tulo	24,329	*	*	-	*	*	*
Mesela	25,840	*	*	-	*	*	*
Chiro	62,368	*	*	-	*	*	*
Goba Koricha	20,014	*	*	-	*	*	*
Anchar	13,430	138	138	0.01	67,056	485.91	6
Habro	30,386	-	-	-	-	-	-
Darolebu	26,978	-	-	-	-	-	-
Boke	22,144	*	*	-	*	*	*
Kuni	26,701	*	*	-	*	*	*
East Harerge Zone	387,193	2,907	3,025	0.01	980,557	314.77	7
Kombolcha	20,710	-	-	-	-	-	-
Jarso	17,052	-	-	-	-	-	-
Gursum	25,567	-	-	-	-	-	-
Babile	10,237	-	-	-	-	-	-
Fedis	24,565	-	-	-	-	-	-
Haro Maya	31,404	-	-	-	-	-	-
Kurfa Chele	7,122	40	58	0.01	31,104	334.37	12
Kersa	27,745	*	*	-	*	*	*

TABLE 8.29A:- Number of Holders Reporting Horse (For threshing/ transportation) Owned, Quantity Reported, Replacement Value and Average age of Horse, for Private Holdings. (Continued.)

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)
East Harerge Zone							
Meta	43,775	385	442	0.01	118,603	*	*
Goro Gutu	25,718	*	*	-	*	*	*
Deder	38,265	1,345	1,345	0.04	396,409	294.73	7
Malka Balo	24,930	485	528	0.02	*	*	*
Bedeno	43,356	-	-	-	-	-	-
Girawa	38,886	*	*	-	*	*	*
Gola Oda	7,861	-	-	-	-	-	-
Bale Zone	259,058	37,265	53,954	0.21	19,837,173	257.41	6
Kokosa	23,375	5,674	7,500	0.32	2,840,539	276.39	7
Dodola	23,650	9,807	14,650	0.62	4,833,774	226.77	5
Adaba	19,856	4,636	6,960	0.35	2,253,206	215.33	6
Agarfa	13,146	1,715	2,128	0.16	894,505	344.75	5
Gasera	12,088	1,215	1,229	0.10	714,671	575.80	5
Gololcha	14,914	232	*	-	144,093	*	6
Legehida	8,094	*	*	-	*	*	*
Ginir	21,653	*	*	-	*	*	*
Sinanana Dinsho	24,988	5,229	8,289	0.33	3,060,034	239.14	5
Goba	7,183	3,511	5,614	0.78	2,215,939	242.14	5
Mennana Arena Buluk	19,198	732	784	0.04	329,353	388.13	4
Nensebo	14,169	3,855	5,892	0.42	2,152,704	240.98	7
Meda Welabu	12,557	*	*	-	*	*	*
Berbere	10,213	106	106	0.01	*	568.10	*
Guradamole	4,160	146	146	0.04	74,675	511.47	4
Goro	15,934	214	214	0.01	*	478.47	8
Raytu	6,168	*	*	-	*	*	*
Seweyna	7,711	*	*	-	*	*	*
Borena Zone	283,104	45,239	64,535	0.23	23,354,265	256.25	9
Uraga	42,623	19,794	27,791	0.65	9,814,255	252.74	9
Bore	30,433	12,710	21,767	0.72	7,917,112	219.52	7
Adolana Wadera	22,616	*	*	-	*	*	*
Odo Shakiso	14,015	902	1,039	0.07	536,243	442.92	14
Hager Mariam	86,116	11,193	13,117	0.15	4,754,995	304.88	8
Yabelo	10,081	*	*	-	*	*	*
Arero	3,331	*	*	-	*	*	*
Liben	14,844	-	-	-	-	-	-
Moyale	10,736	-	-	-	-	-	-
Dire	13,719	*	*	-	*	*	*
Teltele	7,361	-	-	-	-	-	-
Gelana Abaya	27,229	202	242	0.01	96,719	*	8

TABLE 8.30A:- Number of Holders Reporting Mule (For threshing/ transportation) Owned, Quantity Reported, Replacement Value and Average age of Mule, for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Mules Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Mule (Birr)	Average Age of Mule (Years)
Oromia Region	3,981,704	88,925	92,025	0.02	80,021,173	843.52	10
West Welega Zone	313,923	6,928	7,142	0.02	5,633,801	760.54	8
Mana Sibu	27,022	385	385	0.01	358,104	930.14	7
Nejo	17,916	177	177	0.01	147,809	835.08	9
Gimbi	17,096	*	*	-	*	*	*
Lalo Asabi	10,906	76	76	0.01	81,569	1,073.28	8
Boji	15,188	237	258	0.02	227,928	803.13	9
Ayra Guliso	16,371	171	171	0.01	*	*	5
Jarso	16,190	290	290	0.02	208,993	720.67	7
Gidami	13,636	733	763	0.06	570,946	719.06	7
Jimma Horo	6,869	357	357	0.05	313,788	878.96	10
Hawa Welel	17,315	742	761	0.04	552,920	703.07	8
Gawo Dale	23,820	597	597	0.03	433,978	726.93	7
Dale Sadi	11,117	163	163	0.01	126,820	778.04	6
Yubdo	5,640	46	46	0.01	46,895	1,019.46	8
Ganji	9,611	193	193	0.02	183,664	951.63	13
Haru	11,508	72	72	0.01	60,335	837.98	*
Nole Kaba	23,388	419	452	0.02	378,867	781.84	11
Lalo Kilie	7,900	*	*	-	*	*	*
Sayo	19,844	716	740	0.04	483,936	603.61	7
Anfilo	11,848	734	821	0.07	652,819	699.65	7
Begi	30,734	669	669	0.02	524,218	783.58	8
East Welega Zone	260,893	6,066	6,252	0.02	4,713,023	733.69	10
Limu	20,690	533	533	0.03	377,542	708.33	6
Ibantu	5,087	103	103	0.02	71,698	696.10	7
Gida Kiremu	22,168	330	330	0.01	219,320	664.61	*
Jarte	7,363	410	410	0.06	312,594	762.42	8
Amuru	7,739	144	144	0.02	104,383	724.88	8
Abe Dongoro	9,470	110	110	0.01	92,804	843.67	9
Jimma Horo	24,023	921	953	0.04	722,144	721.11	11
Abay Chomen	4,715	80	80	0.02	*	*	11
Guduru	21,520	634	634	0.03	520,709	821.31	8
Jimma Rare	7,738	84	116	0.01	87,658	577.83	13
Bila Seyo	13,470	590	661	0.05	480,867	639.55	10
Sibu Sire	15,203	281	281	0.02	211,902	754.10	11
Guto Wayu	28,487	389	428	0.02	303,437	696.74	*
Sasiga	11,346	*	*	-	*	*	*
Leka Dulecha	10,555	93	93	0.01	73,201	787.11	11
Diga	11,868	*	*	-	*	*	*
Jimma Arjo	13,333	90	90	0.01	*	*	*
Nunu Kumba	10,438	352	352	0.03	334,839	951.25	18
Wama Bonaya	15,680	868	868	0.06	515,606	594.02	6
Illibabor Zone	195,287	4,795	5,121	0.03	3,859,059	706.18	11
Darimu	22,324	126	126	0.01	*	*	*
Supena Sodo	13,139	432	479	0.04	328,697	618.13	12
Chora	19,554	671	671	0.03	462,166	688.77	8
Dega	10,191	517	603	0.06	418,093	613.00	11
Bedele	20,513	589	616	0.03	532,241	836.37	10
Gechi	10,893	330	343	0.03	228,959	642.06	6
Borecha Wereda	9,030	293	304	0.03	225,754	711.02	10
Dedesa	14,033	757	846	0.06	701,299	740.71	15
yayu	19,201	522	576	0.03	496,369	772.14	9
Metu	22,651	312	312	0.01	224,252	718.75	13

TABLE 8.30A:- Number of Holders Reporting Mule (For threshing/ transportation) Owned, Quantity Reported, Replacement Value and Average age of Mule, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Mules Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Mule (Birr)	Average Age of Mule (Years)
Illibabor Zone.....							
Ale	17,356	*	*	-	79,153	*	*
Bure	11,992	*	*	-	*	*	*
Nono	4,411	43	43	0.01	34,256	796.64	5
Jimma Zone	443,315	21,831	22,398	0.05	17,281,269	754.18	11
Limu Seka	29,245	1,049	1,049	0.04	873,496	832.69	8
Limu Kosa	45,921	2,530	2,530	0.06	2,098,618	829.49	11
Sokoru	25,586	531	531	0.02	353,611	665.93	9
Tiro Afeta	24,135	1,742	1,807	0.07	1,412,211	761.20	10
Kersa.....	29,474	2,397	2,437	0.08	2,044,645	818.53	14
Mana	27,816	1,200	1,236	0.04	990,393	801.29	9
Goma	49,523	1,887	1,887	0.04	1,647,728	873.20	10
Gera	20,803	719	737	0.04	587,034	778.06	14
Seka chekorsa.....	56,422	1,375	1,442	0.03	1,025,986	692.70	10
Dedo	54,035	2,622	2,622	0.05	1,710,683	652.43	14
Omonada	45,972	4,812	4,979	0.11	3,699,646	720.98	10
Sigmo.....	16,132	208	208	0.01	134,673	647.47	8
Setema	18,249	761	934	0.05	702,547	589.52	10
West Shewa Zone.....	502,591	8,842	8,997	0.02	9,091,284	983.02	12
Ginde Beret	33,630	470	470	0.01	485,839	1,033.70	12
Jeldu.....	33,701	225	225	0.01	212,727	945.45	10
Ambo.....	40,122	*	*	-	*	*	*
Cheliya.....	37,011	1,408	1,493	0.04	1,351,830	837.27	11
Bako Tibe	19,389	298	322	0.02	257,322	720.71	13
Dano	15,544	591	591	0.04	431,217	729.64	12
Nono	23,140	482	482	0.02	385,779	800.37	13
Tikur	12,596	*	*	-	*	*	*
Amaya	21,943	653	653	0.03	523,576	801.80	11
Wonchi	17,405	343	343	0.02	*	*	*
Dendi	37,106	*	*	-	*	*	*
Ejerie	15,219	165	165	0.01	140,960	854.31	10
Adda Berga.....	19,302	254	254	0.01	281,279	1,107.40	13
Walmara	17,073	*	*	-	*	*	*
Alem Gana.....	20,607	425	425	0.02	491,477	1,156.42	10
Kersana Kondaltiti	22,051	1,091	1,091	0.05	1,153,169	1,056.98	12
Tole.....	10,401	1,020	1,020	0.10	1,311,562	1,285.85	11
Elu	10,354	104	104	0.01	205,696	1,977.85	19
Dawo	13,068	318	318	0.02	338,488	1,064.43	14
Walisona Goro.....	35,633	223	269	0.01	*	*	*
Becho.....	11,294	164	164	0.01	234,182	1,427.94	11
Kokir.....	12,362	*	*	-	*	*	*
Meta Robi	23,639	171	171	0.01	*	*	16
North Shewa(Oromia) Zone.....	237,011	1,917	2,016	0.01	1,889,859	912.83	12
Wara Jarso	25,009	*	*	-	*	*	*
Dera	35,035	444	444	0.01	381,872	860.07	*
Hidabu Abote	15,884	171	171	0.01	170,555	997.40	12
Kuyu	20,090	-	-	-	-	-	-
Degem	17,936	*	*	-	*	*	*
Gerar Jarso.....	13,163	*	*	-	*	*	*
Yaya Gulelena Debre Libano..	16,566	219	219	0.01	201,180	918.63	14
Wuchalena Jido	22,017	315	343	0.02	345,882	959.98	8
Abichuna Gna'a	11,868	*	*	-	*	*	*
Kembibit.....	10,860	77	77	0.01	59,216	769.04	11
Berehna Aleltu.....	24,774	243	277	0.01	282,608	983.90	12
Mulona Sululta	23,810	*	*	-	*	*	*

TABLE 8.30A:- Number of Holders Reporting Mule (For threshing/ transportation) Owned, Quantity Reported, Replacement Value and Average age of Mule, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Mules Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Mule (Birr)	Average Age of Mule (Years)
East Shewa Zone	314,966	4,490	4,562	0.01	5,654,615	1,196.99	11
Fentale	6,677	-	-	-	-	-	-
Boset	24,837	*	*	-	*	*	*
Adama	26,906	439	439	0.02	544,703	1,240.78	8
Lome	14,564	288	288	0.02	421,255	1,462.69	13
Gimbichu	15,569	276	276	0.02	411,572	1,491.20	12
Ada'a Liben Chukala	40,176	1,537	1,537	0.04	2,197,024	1,382.29	13
Dugda Bora	28,844	238	238	0.01	205,748	745.60	11
Adami Tullu Jido Kombolcha ..	23,794	*	*	-	*	*	*
Arsi Negele	26,584	*	*	-	*	*	*
Shashemene	46,108	*	*	-	*	*	*
Seraro	48,209	*	*	-	*	*	*
Akaki	12,696	644	673	0.05	796,386	1,099.77	7
Arsi Zone	493,007	14,579	15,235	0.03	13,951,154	884.32	10
Merti	22,750	1,217	1,363	0.06	1,194,308	820.37	13
Aseko	14,396	1,029	1,160	0.08	1,028,361	825.58	12
Gololcha	29,178	2,536	2,732	0.09	2,859,225	975.40	13
Jeju	22,217	436	436	0.02	359,686	824.97	9
Dodotana Sire	22,887	*	*	-	*	*	*
Zeway Dugda	21,200	410	410	0.02	408,769	997.00	13
Hitosa	39,229	*	*	-	*	*	*
Sude	25,501	1,120	1,120	0.04	1,032,799	941.15	11
Chole	15,918	1,693	1,851	0.12	1,702,433	830.08	11
Amigna	11,176	442	442	0.04	465,317	1,052.75	9
Seru	18,205	398	398	0.02	416,871	1,047.41	11
Robe	27,062	376	376	0.01	318,334	846.63	13
Tena	20,684	319	319	0.02	329,306	1,114.61	15
Sherka	26,405	1,901	1,901	0.07	1,605,314	844.46	5
Digeluna Tijo	22,181	242	269	0.01	193,828	650.63	11
Tiyo	15,978	*	*	-	*	*	*
Munesa	35,171	599	599	0.02	376,139	627.94	10
Bekoji	35,995	692	692	0.02	610,905	882.81	*
Gedeb	24,847	308	308	0.01	251,804	817.55	8
Kofele	42,028	449	449	0.01	373,755	832.42	*
West Harerge Zone	291,356	1,559	1,658	0.01	1,775,281	1,020.16	11
Mieso	16,400	*	*	-	*	*	*
Doba	22,768	*	*	-	*	*	*
Tulo	24,329	-	-	-	-	-	-
Mesela	25,840	*	*	-	*	*	*
Chiro	62,368	*	*	-	*	*	*
Goba Koricha	20,014	316	316	0.02	348,592	1,103.14	12
Anchar	13,430	186	186	0.01	192,882	1,037.00	7
Habro	30,386	*	*	-	*	*	*
Darolebu	26,978	269	269	0.01	*	*	13
Boke	22,144	*	*	-	*	*	*
Kuni	26,701	*	*	-	*	*	*
East Harerge Zone	387,193	656	708	0.00	561,776	735.03	10
Kombolcha	20,710	*	*	-	*	*	*
Jarso	17,052	*	*	-	*	*	*
Gursum	25,567	-	-	-	-	-	-
Babile	10,237	-	-	-	-	-	-
Fedis	24,565	-	-	-	-	-	-
Haro Maya	31,404	-	-	-	-	-	-
Kurfa Chele	7,122	-	-	-	-	-	-
Kersa	27,745	*	*	-	*	*	*

TABLE 8.30A:- Number of Holders Reporting Mule (For threshing/ transportation) Owned, Quantity Reported, Replacement Value and Average age of Mule, for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of Mules Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Mule (Birr)	Average Age of Mule (Years)
East Harerge Zone							
Meta	43,775	*	*	-	*	*	*
Goro Gutu	25,718	*	*	-	*	*	*
Deder	38,265	339	390	0.01	*	*	9
Malka Balo	24,930	*	*	-	*	*	*
Bedeno	43,356	-	-	-	-	-	-
Girawa	38,886	-	-	-	-	-	-
Gola Oda	7,861	-	-	-	-	-	-
Bale Zone	259,058	9,964	10,285	0.04	9,027,297	878.20	6
Kokosa	23,375	*	*	-	*	*	*
Dodola	23,650	158	158	0.01	*	*	*
Adaba	19,856	*	*	-	*	*	*
Agarfa	13,146	815	815	0.06	657,143	806.31	6
Gasera	12,088	588	621	0.05	477,611	738.07	5
Gololcha	14,914	394	394	0.03	363,034	921.41	9
Legehida	8,094	236	249	0.03	233,253	898.90	7
Ginir	21,653	529	542	0.03	*	*	6
Sinanana Dinsho	24,988	1,655	1,655	0.07	1,373,032	829.63	5
Goba	7,183	678	849	0.12	620,364	596.57	6
Mennana Arena Buluk	19,198	592	592	0.03	525,968	888.46	5
Nensebo	14,169	288	288	0.02	238,888	829.47	6
Meda Welabu	12,557	216	249	0.02	217,707	837.02	6
Berbere	10,213	1,286	1,344	0.13	1,096,365	794.46	7
Guradamole	4,160	295	295	0.07	282,772	958.55	6
Goro	15,934	1,841	1,841	0.12	1,723,760	1,042.84	5
Raytu	6,168	*	*	-	*	*	*
Seweyna	7,711	65	65	0.01	54,795	842.99	7
Borena Zone	283,104	7,299	7,651	0.03	6,582,756	815.04	13
Uraga	42,623	1,762	1,825	0.04	1,403,456	741.25	13
Bore	30,433	573	630	0.02	501,267	766.04	12
Adolana Wadera	22,616	701	760	0.03	798,756	891.54	11
Odo Shakiso	14,015	903	1,025	0.07	990,087	860.77	19
Hager Mariam	86,116	2,223	2,223	0.03	1,790,869	805.61	12
Yabelo	10,081	*	*	-	*	*	*
Arero	3,331	126	126	0.04	128,941	1,023.34	16
Liben	14,844	90	*	-	*	*	*
Moyale	10,736	*	*	-	*	*	*
Dire	13,719	292	306	0.02	257,473	806.57	12
Teltele	7,361	*	*	-	*	*	*
Gelana Abaya	27,229	441	441	0.02	394,879	895.42	8

TABLE 8.31A:- 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)
Oromia Region	3,981,704	962,633	1,898,703	0.48	13,276,313	3.63	3
West Welega Zone	313,923	42,220	61,465	0.20	485,360	5.53	4
Mana Sibu	27,022	4,832	6,837	0.25	56,518	6.10	4
Nejo	17,916	10,001	15,015	0.84	106,408	4.65	3
Gimbi	17,096	2,997	3,991	0.23	33,322	6.61	3
Lalo Asabi	10,906	1,462	1,906	0.17	16,713	7.00	6
Boji	15,188	5,188	8,465	0.56	60,288	4.35	3
Ayra Guliso	16,371	215	299	0.02	2,644	6.03	3
Jarso	16,190	8,411	12,948	0.80	82,173	4.07	4
Gidami	13,636	*	309	0.02	*	*	*
Jimma Horo	6,869	197	334	0.05	1,695	2.89	2
Hawa Welel	17,315	*	*	-	*	*	*
Gawo Dale	23,820	1,115	1,587	0.07	9,115	4.23	5
Dale Sadi	11,117	110	*	-	993	*	2
Yubdo	5,640	736	922	0.16	15,546	13.27	9
Ganji	9,611	1,047	1,300	0.14	18,808	11.78	9
Haru	11,508	1,812	2,344	0.20	25,645	8.44	4
Nole Kaba	23,388	2,034	2,422	0.10	17,711	6.27	3
Lalo Kilie	7,900	*	*	-	*	*	*
Sayo	19,844	*	*	-	*	*	*
Anfilo	11,848	146	*	-	*	*	*
Begi	30,734	1,050	1,528	0.05	19,192	8.87	4
East Welega Zone	260,893	128,321	233,833	0.90	2,134,365	4.86	4
Limu	20,690	9,767	14,519	0.70	91,530	4.25	3
Ibantu	5,087	4,160	7,454	1.47	51,063	3.91	3
Gida Kiremu	22,168	11,369	23,856	1.08	160,768	3.22	3
Jarte	7,363	4,683	9,906	1.35	99,855	4.56	4
Amuru	7,739	5,584	10,735	1.39	71,483	3.41	3
Abe Dongoro	9,470	3,447	6,824	0.72	36,288	2.68	*
Jimma Horo	24,023	14,220	30,259	1.26	393,281	6.03	6
Abay Chomen	4,715	4,117	9,471	2.01	153,992	6.92	6
Guduru	21,520	14,538	27,998	1.30	319,021	6.33	5
Jimma Rare	7,738	4,983	8,026	1.04	77,914	5.89	4
Bila Seyo	13,470	6,779	9,972	0.74	90,332	6.03	5
Sibu Sire	15,203	7,582	13,302	0.87	133,646	5.08	4
Guto Wayu	28,487	9,116	13,153	0.46	98,100	5.05	3
Sasiga	11,346	2,104	2,836	0.25	20,099	5.44	3
Leka Dulecha	10,555	6,848	11,123	1.05	104,279	5.31	4
Diga	11,868	5,619	9,218	0.78	79,727	5.07	4
Jimma Arjo	13,333	9,245	18,919	1.42	110,585	2.83	4
Nunu Kumba	10,438	3,578	5,589	0.54	39,103	4.37	3
Wama Bonaya	15,680	582	674	0.04	3,299	3.97	6
Illibabor Zone	195,287	10,978	16,300	0.08	100,860	4.04	3
Darimu	22,324	*	*	-	*	*	*
Supena Sodo	13,139	523	759	0.06	3,189	2.90	2
Chora	19,554	1,091	1,448	0.07	7,162	3.34	2
Dega	10,191	3,603	5,286	0.52	38,997	4.52	2
Bedele	20,513	3,683	5,472	0.27	34,657	4.49	3
Gechi	10,893	102	134	0.01	574	3.35	3
Borecha Wereda	9,030	373	630	0.07	1,229	1.14	2
Dedesa	14,033	*	*	-	*	*	*
yayu	19,201	*	*	-	*	*	*
Metu	22,651	*	*	-	*	*	*

TABLE 8.31A:- Number of Holders Reporting 'Debignit' Owned, Quantity Reported, Replacement Value and Storage Capacity of 'Debignit', for Private Holdings. (Continued.)

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)
Illibabor Zone.....							
Ale	17,356	*	*	-	*	*	*
Bure	11,992	*	*	-	*	*	*
Nono	4,411	304	429	0.10	1,350	2.24	3
Jimma Zone	443,315	16,725	27,956	0.06	187,778	4.20	4
Limu Seka	29,245	395	718	0.02	2,310	*	*
Limu Kosa	45,921	*	*	-	*	*	*
Sokoru	25,586	*	*	-	*	*	*
Tiro Afeta	24,135	690	*	-	9,961	*	*
Kersa.....	29,474	*	*	-	*	*	*
Mana	27,816	*	*	-	*	*	*
Goma	49,523	*	*	-	*	*	*
Gera	20,803	*	*	-	*	*	*
Seka chekorsa.....	56,422	5,758	9,216	0.16	*	*	3
Dedo	54,035	*	*	-	*	*	*
Omonada	45,972	1,911	2,673	0.06	31,883	*	*
Sigmo.....	16,132	*	*	-	*	*	*
Setema	18,249	1,655	2,501	0.14	15,000	3.96	4
West Shewa Zone.....	502,591	203,523	383,490	0.76	3,772,523	4.93	4
Ginde Beret	33,630	6,675	10,353	0.31	39,959	2.37	2
Jeldu.....	33,701	9,212	15,494	0.46	50,584	2.03	2
Ambo.....	40,122	16,206	27,627	0.69	302,412	6.13	4
Cheliya.....	37,011	12,338	17,985	0.49	139,951	5.42	3
Bako Tibe	19,389	9,471	14,826	0.76	143,733	6.03	5
Dano	15,544	2,531	3,545	0.23	12,249	2.62	2
Nono	23,140	3,543	5,606	0.24	30,479	3.53	*
Tikur	12,596	222	323	0.03	3,278	5.82	2
Amaya	21,943	11,023	18,480	0.84	178,008	5.71	5
Wonchi	17,405	8,730	17,109	0.98	219,595	6.43	3
Dendi	37,106	18,391	36,697	0.99	292,691	3.80	3
Ejerie	15,219	8,062	16,848	1.11	106,975	2.81	3
Adda Berga.....	19,302	8,135	15,910	0.82	69,604	2.34	2
Walmara	17,073	7,699	15,952	0.93	102,968	3.09	3
Alem Gana.....	20,607	10,493	20,413	0.99	267,660	6.64	4
Kersana Kondaltiti	22,051	6,591	11,074	0.50	118,619	6.09	5
Tole.....	10,401	8,893	20,096	1.93	339,649	6.89	5
Elu	10,354	8,519	19,866	1.92	337,459	7.01	6
Dawo	13,068	9,250	19,081	1.46	235,457	5.71	4
Walisona Goro.....	35,633	16,934	34,944	0.98	359,934	4.86	3
Becho.....	11,294	9,316	20,393	1.81	327,934	7.19	5
Kokir.....	12,362	2,736	4,641	0.38	46,206	5.68	6
Meta Robi	23,639	8,551	16,228	0.69	47,119	1.52	3
North Shewa(Oromia) Zone.....	237,011	140,951	327,209	1.38	1,940,154	2.46	3
Wara Jarso	25,009	16,212	33,758	1.35	290,936	4.04	3
Dera	35,035	20,049	43,982	1.26	150,802	1.54	2
Hidabu Abote	15,884	6,756	12,392	0.78	66,440	2.83	2
Kuyu	20,090	11,619	21,620	1.08	78,677	2.01	2
Degem	17,936	9,257	18,450	1.03	127,652	3.40	4
Gerar Jarso.....	13,163	7,997	19,159	1.46	142,924	2.92	3
Yaya Gulelena Debre Libano.....	16,566	11,003	27,230	1.64	240,436	2.95	4
Wuchalena Jido	22,017	16,047	43,549	1.98	223,851	1.87	2
Abichuna Gna'a	11,868	9,024	23,586	1.99	74,045	1.18	2
Kembibit.....	10,860	6,768	16,729	1.54	91,990	2.29	3
Berehna Aleltu.....	24,774	14,574	38,445	1.55	292,940	2.80	4
Mulona Sululta	23,810	11,645	28,309	1.19	159,461	2.43	3

TABLE 8.31A:- Number of Holders Reporting 'Debignit' Owned, Quantity Reported, Replacement Value and Storage Capacity of 'Debignit', for Private Holdings. (Continued.)

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)
East Shewa Zone.....	314,966	41,116	74,804	0.24	578,943	4.69	3
Fentale.....	6,677	*	*	-	*	*	*
Boset.....	24,837	8,728	17,245	0.69	90,113	2.62	3
Adama.....	26,906	4,210	8,520	0.32	59,085	3.47	3
Lome.....	14,564	1,706	3,120	0.21	24,586	4.43	2
Gimbichu.....	15,569	1,905	3,322	0.21	22,823	3.96	3
Ada'a Liben Chukala.....	40,176	9,785	17,241	0.43	111,131	3.83	2
Dugda Bora.....	28,844	4,954	8,700	0.30	32,924	2.14	2
Adami Tullu Jido Kombolcha ...	23,794	1,979	4,554	0.19	22,545	2.27	*
Arsi Negele.....	26,584	*	*	-	2,357	*	*
Shashemene.....	46,108	2,380	3,353	0.07	*	*	*
Seraro.....	48,209	1,881	1,945	0.04	41,154	20.85	8
Akaki.....	12,696	3,199	6,153	0.48	74,653	6.16	4
Arsi Zone.....	493,007	213,387	521,088	1.06	2,441,885	1.96	2
Merti.....	22,750	7,686	13,770	0.61	76,157	3.05	1
Aseko.....	14,396	4,979	8,493	0.59	34,158	2.38	5
Gololcha.....	29,178	5,662	8,907	0.31	45,983	3.38	2
Jeju.....	22,217	7,452	16,461	0.74	100,286	3.31	3
Dototana Sire.....	22,887	7,904	16,616	0.73	92,053	2.69	2
Zeway Dugda.....	21,200	7,782	16,456	0.78	129,207	3.68	3
Hitosa.....	39,229	14,356	35,147	0.90	280,219	3.03	2
Sude.....	25,501	15,673	36,478	1.43	206,217	2.47	2
Chole.....	15,918	5,633	10,607	0.67	46,932	2.27	2
Amigna.....	11,176	3,938	7,890	0.71	43,385	2.60	2
Seru.....	18,205	3,690	6,844	0.38	29,882	2.45	2
Robe.....	27,062	10,211	21,193	0.78	122,963	2.72	2
Tena.....	20,684	11,740	28,334	1.37	108,021	1.59	2
Sherka.....	26,405	11,049	26,712	1.01	117,050	1.76	2
Digeluna Tijo.....	22,181	15,773	47,164	2.13	185,718	1.32	2
Tiyo.....	15,978	7,678	19,180	1.20	110,463	2.30	2
Munesa.....	35,171	19,886	56,359	1.60	229,850	1.43	2
Bekoji.....	35,995	25,272	70,894	1.97	272,853	1.32	1
Gedeb.....	24,847	12,220	32,449	1.31	93,571	1.17	2
Kofele.....	42,028	14,804	41,132	0.98	116,916	1.08	1
West Harerge Zone.....	291,356	64,687	85,436	0.29	690,961	6.25	2
Mieso.....	16,400	3,598	5,156	0.31	60,239	9.45	2
Doba.....	22,768	10,070	13,427	0.59	95,304	5.46	2
Tulo.....	24,329	5,934	7,987	0.33	54,741	3.86	2
Mesela.....	25,840	4,660	5,713	0.22	65,537	8.10	3
Chiro.....	62,368	15,593	18,466	0.30	96,451	4.38	2
Goba Koricha.....	20,014	5,024	8,431	0.42	58,906	5.43	2
Anchar.....	13,430	2,381	3,825	0.28	19,523	3.28	2
Habro.....	30,386	2,318	2,887	0.10	46,563	15.03	4
Darolebu.....	26,978	2,211	2,991	0.11	31,305	8.08	2
Boke.....	22,144	6,458	8,801	0.40	94,124	7.91	3
Kuni.....	26,701	6,439	7,751	0.29	68,269	7.57	2
East Harerge Zone.....	387,193	59,931	85,754	0.22	534,605	4.63	3
Kombolcha.....	20,710	*	*	-	20,082	*	*
Jarso.....	17,052	472	655	0.04	*	10.61	*
Gursum.....	25,567	1,324	1,491	0.06	25,239	15.18	4
Babile.....	10,237	*	*	-	*	*	*
Fedis.....	24,565	7,760	11,316	0.46	95,215	5.73	3
Haro Maya.....	31,404	*	*	-	*	*	*
Kurfa Chele.....	7,122	1,258	1,566	0.22	12,563	6.88	2
Kersa.....	27,745	5,821	8,727	0.31	90,422	7.16	5

TABLE 8.31A:- Number of Holders Reporting 'Debignit' Owned, Quantity Reported, Replacement Value and Storage Capacity of 'Debignit', for Private Holdings. (Continued.)

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)
East Harerge Zone							
Meta	43,775	12,336	18,091	0.41	73,550	2.88	4
Goro Gutu	25,718	7,746	10,061	0.39	61,213	4.86	3
Deder	38,265	4,545	6,578	0.17	35,480	3.76	2
Malka Balo	24,930	3,482	4,015	0.16	27,499	6.30	2
Bedeno	43,356	1,859	2,352	0.05	12,332	4.31	3
Girawa	38,886	10,611	17,046	0.44	46,489	1.98	3
Gola Oda	7,861	603	861	0.11	5,343	4.59	*
Bale Zone	259,058	34,697	73,251	0.28	319,036	2.17	2
Kokosa	23,375	*	*	-	*	*	*
Dodola	23,650	3,811	7,807	0.33	33,818	2.24	3
Adaba	19,856	9,999	24,879	1.25	97,927	1.59	2
Agarfa	13,146	3,658	7,156	0.54	30,118	2.11	1
Gasera	12,088	2,314	4,681	0.39	19,411	2.06	2
Gololcha	14,914	3,052	6,491	0.44	30,201	2.15	3
Legehida	8,094	256	514	0.06	10,196	9.69	3
Ginir	21,653	2,588	4,993	0.23	22,767	2.31	1
Sinanana Dinsho	24,988	4,735	9,477	0.38	26,491	1.46	2
Goba	7,183	724	1,221	0.17	10,089	5.40	3
Mennana Arena Buluk	19,198	*	*	-	*	*	*
Nensebo	14,169	337	426	0.03	*	5.56	2
Meda Welabu	12,557	*	*	-	*	*	*
Berbere	10,213	*	*	-	*	*	*
Guradamole	4,160	57	57	0.01	1,908	33.48	1
Goro	15,934	1,663	3,232	0.20	17,214	2.82	2
Raytu	6,168	*	*	-	*	*	*
Seweyna	7,711	*	*	-	*	*	*
Borena Zone	283,104	*	*	-	89,843	*	*
Uraga	42,623	-	-	-	-	-	-
Bore	30,433	*	*	-	*	*	*
Adolana Wadera	22,616	*	*	-	*	*	*
Odo Shakiso	14,015	18	18	0.00	3,520	195.56	20
Hager Mariam	86,116	*	*	-	*	*	*
Yabelo	10,081	-	-	-	-	-	-
Arero	3,331	-	-	-	-	-	-
Liben	14,844	-	-	-	-	-	-
Moyale	10,736	-	-	-	-	-	-
Dire	13,719	-	-	-	-	-	-
Teltele	7,361	892	1,161	0.16	22,439	15.62	4
Gelana Abaya	27,229	-	-	-	-	-	-

TABLE 8.32A:- Number of Holders Reporting 'Gottara' Owned, Quantity Reported, Replacement Value and Storage Capacity of 'Gottara', for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Gottaras' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Gottara' (Birr)	Average Storage Capacity of 'Gottara' (Quintal)
Oromia Region	3,981,704	1,947,637	3,198,187	0.80	66,981,781	13.16	11
West Welega Zone	313,923	158,386	248,479	0.79	4,235,499	10.65	10
Mana Sibu	27,022	6,908	9,273	0.34	130,983	11.49	10
Nejo	17,916	836	1,166	0.07	*	*	3
Gimbi	17,096	2,461	3,050	0.18	37,937	10.53	5
Lalo Asabi	10,906	1,120	1,236	0.11	16,552	11.77	7
Boji	15,188	1,207	1,490	0.10	18,598	10.68	10
Ayra Guliso	16,371	5,882	7,684	0.47	217,146	16.63	11
Jarso	16,190	7,296	10,932	0.68	124,989	7.46	11
Gidami	13,636	9,435	14,047	1.03	199,811	9.60	9
Jimma Horo	6,869	6,352	11,324	1.65	197,121	9.56	12
Hawa Welel	17,315	14,069	25,141	1.45	466,909	10.47	13
Gawo Dale	23,820	22,114	39,778	1.67	856,622	12.33	13
Dale Sadi	11,117	9,785	16,444	1.48	279,003	10.20	12
Yubdo	5,640	4,096	7,085	1.26	119,061	9.65	11
Ganji	9,611	2,434	3,201	0.33	49,492	11.86	7
Haru	11,508	2,851	3,481	0.30	55,801	12.93	7
Nole Kaba	23,388	15,822	23,836	1.02	270,073	7.59	9
Lalo Kilie	7,900	7,310	13,344	1.69	228,904	9.22	14
Sayo	19,844	14,648	22,598	1.14	414,344	11.36	9
Anfilo	11,848	4,924	6,336	0.53	120,922	14.80	9
Begi	30,734	18,835	27,034	0.88	413,175	10.53	8
East Welega Zone	260,893	143,301	269,371	1.03	5,155,433	11.99	9
Limu	20,690	9,915	16,195	0.78	154,214	5.91	8
Ibantu	5,087	1,640	2,463	0.48	25,720	6.87	4
Gida Kiremu	22,168	12,959	26,380	1.19	328,275	6.43	7
Jarte	7,363	5,334	11,228	1.52	163,207	6.94	6
Amuru	7,739	5,846	11,356	1.47	142,765	6.43	5
Abe Dongoro	9,470	7,293	15,331	1.62	224,637	6.92	8
Jimma Horo	24,023	14,538	34,360	1.43	875,958	9.53	7
Abay Chomen	4,715	1,205	1,702	0.36	64,378	29.21	14
Guduru	21,520	8,153	9,461	0.44	1,503,082	145.67	30
Jimma Rare	7,738	4,174	6,424	0.83	200,688	23.03	13
Bila Seyo	13,470	8,326	12,662	0.94	167,150	8.89	11
Sibu Sire	15,203	9,382	15,838	1.04	223,949	8.82	10
Guto Wayu	28,487	13,402	21,708	0.76	234,340	6.53	6
Sasiga	11,346	3,534	4,598	0.41	48,978	8.20	7
Leka Dulecha	10,555	5,301	6,477	0.61	52,542	6.66	7
Diga	11,868	4,333	5,736	0.48	50,253	6.70	10
Jimma Arjo	13,333	5,330	9,187	0.69	71,753	4.75	6
Nunu Kumba	10,438	8,073	17,461	1.67	179,415	4.39	8
Wama Bonaya	15,680	14,563	40,804	2.60	444,131	3.74	10
Illibabor Zone	195,287	151,604	257,127	1.32	2,542,654	5.67	8
Darimu	22,324	20,787	42,934	1.92	456,719	5.01	8
Supena Sodo	13,139	10,866	16,907	1.29	165,795	6.25	9
Chora	19,554	13,999	21,966	1.12	152,530	4.32	7
Dega	10,191	7,163	10,115	0.99	121,576	6.77	7
Bedele	20,513	16,251	32,321	1.58	258,196	3.92	6
Gechi	10,893	8,326	15,241	1.40	117,473	4.16	7
Borecha Wereda	9,030	7,054	15,930	1.76	103,848	2.89	7
Dedesa	14,033	9,727	16,609	1.18	149,805	5.09	11
yayu	19,201	14,146	21,057	1.10	204,463	5.78	10
Metu	22,651	18,009	25,774	1.14	401,718	10.24	10

TABLE 8.32A:- Number of Holders Reporting 'Gottara' Owned, Quantity Reported, Replacement Value and Storage Capacity of 'Gottara', for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Gottaras' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Gottara' (Birr)	Average Storage Capacity of 'Gottara' (Quintal)
Illibabor Zone.....							
Ale	17,356	11,356	15,159	0.87	181,702	8.85	8
Bure	11,992	10,431	18,121	1.51	186,330	5.69	9
Nono	4,411	3,490	4,992	1.13	42,501	6.05	6
Jimma Zone	443,315	333,136	590,897	1.33	10,964,388	10.67	13
Limu Seka	29,245	27,184	66,253	2.27	541,547	3.41	8
Limu Kosa	45,921	39,079	79,324	1.73	1,029,664	6.49	11
Sokoru	25,586	23,078	39,637	1.55	812,533	11.73	12
Tiro Afeta	24,135	22,771	54,585	2.26	1,069,843	8.09	16
Kersa.....	29,474	27,161	52,770	1.79	1,406,540	13.93	19
Mana	27,816	19,415	28,347	1.02	643,967	15.19	18
Goma	49,523	23,468	30,012	0.61	755,588	19.69	16
Gera	20,803	10,002	18,638	0.90	197,403	5.81	10
Seka chekorsa.....	56,422	34,638	54,026	0.96	1,079,573	12.44	11
Dedo	54,035	43,057	68,921	1.28	1,283,198	11.65	13
Omonada	45,972	41,710	69,274	1.51	1,733,310	14.46	15
Sigmo.....	16,132	10,626	14,246	0.88	177,412	9.43	6
Setema	18,249	10,947	14,864	0.81	233,809	12.10	11
West Shewa Zone.....	502,591	261,549	475,574	0.95	6,852,608	7.91	8
Ginde Beret	33,630	23,418	36,659	1.09	489,509	8.16	7
Jeldu.....	33,701	22,675	41,124	1.22	398,810	5.10	7
Ambo.....	40,122	23,376	44,854	1.12	636,720	7.60	7
Cheliya.....	37,011	28,880	55,147	1.49	692,326	6.59	9
Bako Tibe	19,389	12,483	18,337	0.95	305,311	11.02	12
Dano	15,544	13,815	30,162	1.94	226,277	3.45	8
Nono	23,140	20,162	48,672	2.10	650,546	4.81	7
Tikur	12,596	10,164	16,760	1.33	153,563	5.28	6
Amaya	21,943	10,879	21,452	0.98	427,308	8.84	7
Wonchi	17,405	3,576	4,670	0.27	67,999	11.11	4
Dendi	37,106	19,696	36,008	0.97	421,207	6.35	5
Ejerie	15,219	7,480	14,507	0.95	175,566	6.08	8
Adda Berga.....	19,302	14,868	26,459	1.37	491,230	11.00	12
Walmara	17,073	5,402	7,647	0.45	238,139	26.14	13
Alem Gana.....	20,607	3,624	5,733	0.28	158,912	18.10	9
Kersana Kondaltiti	22,051	12,814	21,656	0.98	716,245	18.33	9
Tole.....	10,401	1,018	1,838	0.18	45,154	14.21	8
Elu	10,354	195	375	0.04	*	9.95	9
Dawo	13,068	3,660	7,880	0.60	121,343	7.51	6
Walisona Goro.....	35,633	2,246	3,489	0.10	*	*	*
Becho.....	11,294	404	612	0.05	10,583	12.07	8
Kokir.....	12,362	4,869	8,602	0.70	99,733	6.58	5
Meta Robi	23,639	15,843	22,932	0.97	257,997	7.75	8
North Shewa(Oromia) Zone.....	237,011	128,970	222,559	0.94	5,042,365	13.22	11
Wara Jarso	25,009	17,025	28,490	1.14	791,530	16.41	12
Dera	35,035	30,520	55,706	1.59	930,755	8.61	10
Hidabu Abote	15,884	11,373	20,420	1.29	483,586	13.49	10
Kuyu	20,090	14,634	21,825	1.09	296,287	8.84	9
Degem	17,936	11,475	21,006	1.17	518,379	15.68	13
Gerar Jarso.....	13,163	8,024	16,464	1.25	345,120	9.99	11
Yaya Gulelena Debre Libano..	16,566	6,838	13,182	0.80	256,564	9.95	9
Wuchalena Jido	22,017	5,789	9,214	0.42	237,746	16.05	11
Abichuna Gna'a	11,868	4,013	5,571	0.47	178,398	26.94	16
Kembibit.....	10,860	2,039	2,419	0.22	67,966	24.44	10
Berehna Aleltu.....	24,774	5,190	8,806	0.36	282,754	18.81	11
Mulona Sululta	23,810	12,051	19,456	0.82	653,279	19.48	13

TABLE 8.32A:- Number of Holders Reporting 'Gottara' Owned, Quantity Reported, Replacement Value and Storage Capacity of 'Gottara', for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Gottaras' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Gottara' (Birr)	Average Storage Capacity of 'Gottara' (Quintal)
East Shewa Zone.....	314,966	152,053	243,175	0.77	8,361,445	19.59	12
Fentale.....	6,677	4,537	5,092	0.76	177,303	31.62	15
Boset.....	24,837	16,709	30,237	1.22	1,246,073	23.19	17
Adama.....	26,906	12,123	21,765	0.81	986,336	24.41	13
Lome.....	14,564	5,995	12,509	0.86	552,100	20.43	14
Gimbichu.....	15,569	8,013	16,027	1.03	702,316	21.15	12
Ada'a Liben Chukala.....	40,176	16,475	37,086	0.92	1,618,904	19.19	12
Dugda Bora.....	28,844	15,455	29,055	1.01	692,035	13.18	13
Adami Tullu Jido Kombolcha ...	23,794	13,043	14,844	0.62	265,745	15.07	9
Arsi Negele.....	26,584	12,287	17,032	0.64	461,961	19.33	12
Shashemene.....	46,108	18,409	23,536	0.51	574,209	19.73	8
Seraro.....	48,209	25,434	29,181	0.61	690,875	16.34	10
Akaki.....	12,696	3,574	6,811	0.54	393,588	27.42	11
Arsi Zone.....	493,007	280,957	454,386	0.92	12,238,221	16.40	14
Merti.....	22,750	15,004	27,871	1.23	570,814	10.82	10
Aseko.....	14,396	9,520	15,529	1.08	265,074	10.54	9
Gololcha.....	29,178	10,523	11,768	0.40	208,629	15.89	7
Jeju.....	22,217	9,916	16,482	0.74	512,791	18.15	11
Dodotana Sire.....	22,887	12,047	20,628	0.90	817,782	21.49	13
Zeway Dugda.....	21,200	15,613	23,703	1.12	1,124,807	29.94	17
Hitosa.....	39,229	14,740	25,318	0.65	1,175,063	25.26	18
Sude.....	25,501	8,761	14,344	0.56	240,043	9.89	10
Chole.....	15,918	9,514	16,124	1.01	322,160	11.81	10
Amigna.....	11,176	4,756	8,432	0.75	182,701	12.50	13
Seru.....	18,205	11,886	19,695	1.08	348,318	10.72	12
Robe.....	27,062	10,740	16,454	0.61	382,464	14.96	12
Tena.....	20,684	10,450	17,514	0.85	337,625	10.75	11
Sherka.....	26,405	17,736	33,365	1.26	596,107	9.12	13
Digeluna Tijo.....	22,181	13,394	21,209	0.96	554,380	17.04	17
Tiyo.....	15,978	10,821	19,372	1.21	902,325	26.13	16
Munesa.....	35,171	26,033	46,608	1.33	1,363,388	17.26	15
Bekoji.....	35,995	22,487	33,833	0.94	735,473	14.53	16
Gedeb.....	24,847	17,428	24,998	1.01	836,658	22.54	23
Kofele.....	42,028	29,584	41,138	0.98	761,620	14.43	9
West Harerge Zone.....	291,356	75,377	88,731	0.30	1,900,467	18.55	6
Mieso.....	16,400	5,172	5,393	0.33	305,949	53.53	11
Doba.....	22,768	9,137	10,985	0.48	140,382	10.64	4
Tulo.....	24,329	8,096	9,416	0.39	111,113	10.13	5
Mesela.....	25,840	7,055	7,622	0.29	141,585	17.64	7
Chiro.....	62,368	20,556	24,587	0.39	524,308	17.72	7
Goba Koricha.....	20,014	7,236	9,871	0.49	190,390	14.35	5
Anchar.....	13,430	4,910	5,929	0.44	105,478	14.50	6
Habro.....	30,386	2,252	2,715	0.09	43,041	13.04	4
Darolebu.....	26,978	2,392	2,619	0.10	88,169	31.81	9
Boke.....	22,144	2,906	3,310	0.15	83,773	22.92	6
Kuni.....	26,701	5,663	6,283	0.24	166,279	24.24	6
East Harerge Zone.....	387,193	45,980	48,957	0.13	1,471,111	27.92	11
Kombolcha.....	20,710	*	*	-	*	*	*
Jarso.....	17,052	933	*	-	33,815	*	7
Gursum.....	25,567	*	*	-	*	*	*
Babile.....	10,237	-	-	-	-	-	-
Fedis.....	24,565	*	*	-	*	*	*
Haro Maya.....	31,404	-	-	-	-	-	-
Kurfa Chele.....	7,122	832	832	0.12	66,418	79.83	17
Kersa.....	27,745	1,916	1,916	0.07	157,704	82.31	20

TABLE 8.32A:- Number of Holders Reporting 'Gottera' Owned, Quantity Reported, Replacement Value and Storage Capacity of 'Gottera', for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Gottera' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Gottera' (Birr)	Average Storage Capacity of 'Gottera' (Quintal)
East Harerge Zone							
Meta	43,775	7,639	8,075	0.18	278,860	29.65	13
Goro Gutu	25,718	6,134	6,780	0.26	92,162	12.58	4
Deder	38,265	8,364	9,366	0.24	279,985	27.50	12
Malka Balo	24,930	8,761	9,021	0.36	270,012	29.08	11
Bedeno	43,356	6,635	6,739	0.16	196,442	28.64	12
Girawa	38,886	3,158	3,328	0.09	*	13.48	8
Gola Oda	7,861	587	593	0.08	14,877	24.73	7
Bale Zone	259,058	119,154	188,559	0.73	3,430,423	11.49	14
Kokosa	23,375	1,882	2,638	0.11	25,264	6.93	4
Dodola	23,650	14,137	22,049	0.93	345,193	10.04	12
Adaba	19,856	11,527	16,780	0.85	287,378	11.61	13
Agarfa	13,146	8,768	15,536	1.18	271,064	9.46	13
Gasera	12,088	6,683	13,149	1.09	258,527	9.84	13
Gololcha	14,914	9,137	18,522	1.24	312,072	8.07	11
Legehida	8,094	737	809	0.10	13,018	14.21	9
Ginir	21,653	6,712	11,516	0.53	248,711	12.74	13
Sinanana Dinsho	24,988	15,793	32,876	1.32	546,487	7.52	12
Goba	7,183	4,598	8,139	1.13	108,155	7.42	8
Mennana Arena Buluk	19,198	11,483	11,935	0.62	240,739	19.54	22
Nensebo	14,169	1,708	2,339	0.17	21,090	6.78	6
Meda Welabu	12,557	7,042	7,208	0.57	173,425	23.79	20
Berbere	10,213	7,522	8,401	0.82	212,200	22.78	19
Guradamole	4,160	1,533	1,602	0.39	29,383	17.61	11
Goro	15,934	5,754	10,688	0.67	257,925	11.56	13
Raytu	6,168	2,294	2,426	0.39	58,859	23.25	16
Seweyna	7,711	1,844	1,947	0.25	20,932	10.00	9
Borena Zone	283,104	97,171	110,372	0.39	4,787,166	39.33	13
Uraga	42,623	6,608	7,473	0.18	79,843	9.70	5
Bore	30,433	12,474	17,543	0.58	259,692	10.94	7
Adolana Wadera	22,616	14,837	16,430	0.73	484,180	26.43	12
Odo Shakiso	14,015	6,639	6,716	0.48	525,740	77.20	11
Hager Mariam	86,116	17,441	18,023	0.21	777,583	41.56	8
Yabelo	10,081	4,125	4,207	0.42	342,595	79.50	22
Arero	3,331	1,385	1,414	0.42	74,146	51.70	19
Liben	14,844	11,031	11,508	0.78	608,356	50.22	18
Moyale	10,736	5,579	6,323	0.59	611,590	84.52	31
Dire	13,719	7,009	7,646	0.56	452,055	54.91	28
Teltele	7,361	6,411	9,259	1.26	408,482	30.11	10
Gelana Abaya	27,229	3,631	3,831	0.14	162,905	40.97	10

TABLE 8.33A:- Number of Holders Reporting 'Gudguad' Owned, Quantity Reported, Replacement Value and Storage Capacity of 'Gudguad', for Private Holdings.

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Gudguads' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Gudguad' (Birr)	Average Storage Capacity of 'Gudguad' (Quintal)
Oromia Region	3,981,704	677,191	786,932	0.20	16,974,914	19.72	8
West Welega Zone	313,923	648	1,249	0.00	18,163	11.30	4
Mana Sibu	27,022	*	*	-	*	*	*
Nejo	17,916	*	*	-	*	*	*
Gimbi	17,096	*	*	-	*	*	*
Lalo Asabi	10,906	50	*	-	*	*	*
Boji	15,188	*	*	-	*	*	*
Ayra Guliso	16,371	-	-	-	-	-	-
Jarso	16,190	*	*	-	*	*	*
Gidami	13,636	-	-	-	-	-	-
Jimma Horo	6,869	*	*	-	*	*	*
Hawa Welel	17,315	*	*	-	-	-	-
Gawo Dale	23,820	-	-	-	-	-	-
Dale Sadi	11,117	-	-	-	-	-	-
Yubdo	5,640	-	-	-	-	-	-
Ganji	9,611	*	*	-	*	*	*
Haru	11,508	-	-	-	-	-	-
Nole Kaba	23,388	-	-	-	-	-	-
Lalo Kilie	7,900	-	-	-	-	-	-
Sayo	19,844	-	-	-	-	-	-
Anfilo	11,848	*	*	-	*	*	*
Begi	30,734	*	*	-	*	*	*
East Welega Zone	260,893	553	890	0.00	*	*	3
Limu	20,690	*	*	-	*	*	*
Ibantu	5,087	26	46	0.01	451	5.62	*
Gida Kiremu	22,168	*	*	-	*	*	*
Jarte	7,363	*	*	-	*	*	*
Amuru	7,739	*	*	-	*	*	*
Abe Dongoro	9,470	*	*	-	*	*	*
Jimma Horo	24,023	145	209	0.01	*	*	*
Abay Chomen	4,715	*	*	-	*	*	*
Guduru	21,520	*	*	-	*	*	*
Jimma Rare	7,738	*	*	-	*	*	*
Bila Seyo	13,470	*	*	-	*	*	*
Sibu Sire	15,203	*	*	-	*	*	*
Guto Wayu	28,487	*	*	-	*	*	*
Sasiga	11,346	-	-	-	-	-	-
Leka Dulecha	10,555	*	*	-	*	*	*
Diga	11,868	*	*	-	*	*	*
Jimma Arjo	13,333	*	*	-	*	*	*
Nunu Kumba	10,438	-	-	-	-	-	-
Wama Bonaya	15,680	-	-	-	-	-	-
Illibabor Zone	195,287	459	487	0.00	1,359	2.51	2
Darimu	22,324	-	-	-	-	-	-
Supena Sodo	13,139	-	-	-	-	-	-
Chora	19,554	-	-	-	-	-	-
Dega	10,191	*	*	-	*	*	*
Bedele	20,513	-	-	-	-	-	-
Gechi	10,893	-	-	-	-	-	-
Borecha Wereda	9,030	-	-	-	-	-	-
Dedesa	14,033	-	-	-	-	-	-
yayu	19,201	-	-	-	-	-	-
Metu	22,651	-	-	-	-	-	-

TABLE 8.33A:- Number of Holders Reporting 'Gudguad' Owned, Quantity Reported, Replacement Value and Storage Capacity of 'Gudguad', for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Gudguads' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Gudguad' (Birr)	Average Storage Capacity of 'Gudguad' (Quintal)
Ilibabor Zone.....							
Ale	17,356	-	-	-	-	-	-
Bure	11,992	-	-	-	-	-	-
Nono	4,411	304	310	0.07	541	1.73	2
Jimma Zone	443,315	82,558	125,293	0.28	433,081	2.12	3
Limu Seka	29,245	-	-	-	-	-	-
Limu Kosa	45,921	*	*	-	*	*	*
Sokoru	25,586	10,102	16,782	0.66	54,508	2.07	4
Tiro Afeta	24,135	*	*	-	*	*	*
Kersa.....	29,474	1,975	*	-	14,986	*	*
Mana	27,816	2,180	*	-	*	*	1
Goma	49,523	6,795	9,975	0.20	31,569	2.43	2
Gera	20,803	*	*	-	*	*	*
Seka chekorsa.....	56,422	19,487	27,860	0.49	70,472	1.82	1
Dedo	54,035	26,282	36,377	0.67	91,735	1.84	4
Omonada	45,972	12,391	20,394	0.44	141,190	3.13	6
Sigmo.....	16,132	1,686	2,043	0.13	3,264	1.35	1
Setema	18,249	*	*	-	*	*	*
West Shewa Zone.....	502,591	34,392	54,574	0.11	184,674	2.20	3
Ginde Beret	33,630	-	-	-	-	-	-
Jeldu.....	33,701	*	*	-	*	*	*
Ambo.....	40,122	5,197	10,814	0.27	39,942	1.83	2
Cheliya.....	37,011	-	-	-	-	-	-
Bako Tibe	19,389	-	-	-	-	-	-
Dano	15,544	-	-	-	-	-	-
Nono	23,140	604	656	0.03	2,255	3.23	2
Tikur	12,596	10,062	16,697	1.33	41,487	1.46	3
Amaya	21,943	3,004	5,689	0.26	9,389	0.88	4
Wonchi	17,405	*	*	-	3,171	*	*
Dendi	37,106	*	*	-	*	*	*
Ejerie	15,219	329	638	0.04	3,150	2.59	3
Adda Berga.....	19,302	*	*	-	*	*	*
Walmara	17,073	*	*	-	*	*	*
Alem Gana.....	20,607	*	*	-	*	*	*
Kersana Kondaltiti	22,051	*	*	-	*	*	*
Tole.....	10,401	*	*	-	*	*	*
Elu	10,354	*	*	-	*	*	*
Dawo	13,068	*	*	-	*	*	*
Walisona Goro.....	35,633	10,681	13,888	0.39	58,960	3.26	3
Becho.....	11,294	*	*	-	*	*	*
Kokir.....	12,362	2,072	2,935	0.24	14,660	3.83	5
Meta Robi	23,639	*	*	-	*	*	*
North Shewa(Oromia) Zone.....	237,011	5,280	5,832	0.02	117,626	18.36	9
Wara Jarso	25,009	1,844	2,146	0.09	71,993	29.40	10
Dera	35,035	3,163	3,206	0.09	30,888	9.50	9
Hidabu Abote	15,884	*	*	-	*	*	*
Kuyu	20,090	-	-	-	-	-	-
Degem	17,936	-	-	-	-	-	-
Gerar Jarso.....	13,163	*	*	-	*	*	*
Yaya Gulelena Debre Libano.....	16,566	-	-	-	-	-	-
Wuchalena Jido	22,017	*	*	-	*	*	*
Abichuna Gna'a	11,868	-	-	-	-	-	-
Kembibit.....	10,860	*	*	-	*	*	*
Berehna Aleltu.....	24,774	*	*	-	*	*	*
Mulona Sululta	23,810	*	*	-	*	*	*

TABLE 8.33A:- Number of Holders Reporting 'Gudguad' Owned, Quantity Reported, Replacement Value and Storage Capacity of 'Gudguad', for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Gudguad' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Gudguad' (Birr)	Average Storage Capacity of 'Gudguad' (Quintal)
East Shewa Zone.....	314,966	1,373	1,521	0.00	*	*	*
Fentale.....	6,677	-	-	-	-	-	-
Boset.....	24,837	*	*	-	*	*	*
Adama.....	26,906	*	*	-	*	*	*
Lome.....	14,564	-	-	-	-	-	-
Gimbichu.....	15,569	-	-	-	-	-	-
Ada'a Liben Chukala.....	40,176	-	-	-	-	-	-
Dugda Bora.....	28,844	*	*	-	*	*	*
Adami Tullu Jido Kombolcha ..	23,794	-	-	-	-	-	-
Arsi Negele.....	26,584	*	*	-	*	*	*
Shashemene.....	46,108	*	*	-	*	*	*
Seraro.....	48,209	-	-	-	-	-	-
Akaki.....	12,696	*	*	-	*	*	*
Arsi Zone.....	493,007	62,270	70,213	0.14	1,362,925	17.34	8
Merti.....	22,750	6,673	7,294	0.32	204,961	25.70	10
Aseko.....	14,396	8,092	10,687	0.74	236,808	16.98	12
Gololcha.....	29,178	16,739	17,925	0.61	289,531	15.18	7
Jeju.....	22,217	1,867	2,193	0.10	94,252	37.09	12
Dodotana Sire.....	22,887	*	*	-	*	*	*
Zeway Dugda.....	21,200	-	-	-	-	-	-
Hitosa.....	39,229	*	*	-	*	*	*
Sude.....	25,501	1,992	2,264	0.09	63,275	*	9
Chole.....	15,918	5,487	6,154	0.39	123,730	17.79	9
Amigna.....	11,176	2,081	2,184	0.20	58,432	25.66	7
Seru.....	18,205	2,247	2,297	0.13	74,584	31.81	9
Robe.....	27,062	*	*	-	*	*	*
Tena.....	20,684	635	793	0.04	17,304	18.84	12
Sherka.....	26,405	2,458	2,731	0.10	85,456	29.26	15
Digeluna Tijo.....	22,181	*	*	-	*	*	*
Tiyo.....	15,978	-	-	-	-	-	-
Munesa.....	35,171	*	*	-	*	*	*
Bekoji.....	35,995	*	*	-	*	*	*
Gedeb.....	24,847	*	*	-	*	*	*
Kofele.....	42,028	12,356	13,599	0.32	62,016	3.98	2
West Harerge Zone.....	291,356	239,616	262,393	0.90	8,648,532	30.00	11
Mieso.....	16,400	13,235	15,512	0.95	1,230,958	69.88	15
Doba.....	22,768	21,452	22,378	0.98	781,964	33.29	12
Tulo.....	24,329	19,230	20,151	0.83	451,559	21.65	9
Mesela.....	25,840	19,239	20,339	0.79	339,627	15.97	7
Chiro.....	62,368	47,430	48,676	0.78	1,512,640	30.25	11
Goba Koricha.....	20,014	18,397	20,609	1.03	1,172,265	51.16	14
Anchar.....	13,430	11,409	12,451	0.93	369,421	26.94	10
Habro.....	30,386	25,152	29,609	0.97	1,163,479	33.17	12
Darolebu.....	26,978	22,455	24,821	0.92	534,851	19.73	9
Boke.....	22,144	19,525	22,426	1.01	427,131	16.38	12
Kuni.....	26,701	22,092	25,421	0.95	664,638	22.83	11
East Harerge Zone.....	387,193	223,708	233,430	0.60	5,948,288	24.42	9
Kombolcha.....	20,710	10,632	11,555	0.56	533,216	42.80	10
Jarso.....	17,052	4,743	4,908	0.29	125,459	24.39	10
Gursum.....	25,567	7,076	7,328	0.29	184,725	23.93	6
Babile.....	10,237	6,535	6,666	0.65	315,433	46.65	9
Fedis.....	24,565	18,829	19,088	0.78	643,448	33.69	15
Haro Maya.....	31,404	24,558	27,166	0.87	894,222	29.13	13
Kurfä Chele.....	7,122	4,264	4,341	0.61	121,082	27.28	9
Kersa.....	27,745	17,917	20,265	0.73	553,301	25.70	10

TABLE 8.33A:- Number of Holders Reporting 'Gudguad' Owned, Quantity Reported, Replacement Value and Storage Capacity of 'Gudguad', for Private Holdings. (Continued.)

Geographic Area	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Gudguad' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Gudguad' (Birr)	Average Storage Capacity of 'Gudguad' (Quintal)
East Harerge Zone							
Meta	43,775	28,157	28,866	0.66	576,846	19.49	7
Goro Gutu	25,718	18,006	18,168	0.71	447,987	24.40	7
Deder	38,265	18,580	19,099	0.50	420,689	21.39	7
Malka Balo	24,930	14,516	15,066	0.60	244,598	15.65	7
Bedeno	43,356	23,884	24,446	0.56	497,769	20.11	6
Girawa	38,886	19,656	19,885	0.51	255,144	12.78	6
Gola Oda	7,861	6,355	6,584	0.84	134,372	19.78	8
Bale Zone	259,058	20,908	24,695	0.10	119,018	3.91	3
Kokosa	23,375	16,297	19,115	0.82	67,276	2.88	2
Dodola	23,650	*	*	-	*	*	*
Adaba	19,856	-	-	-	-	-	-
Agarfa	13,146	*	*	-	*	*	*
Gasera	12,088	*	*	-	*	*	*
Gololcha	14,914	*	*	-	*	*	*
Legehida	8,094	325	426	0.05	7,964	14.44	11
Ginir	21,653	-	-	-	-	-	-
Sinanana Dinsho	24,988	-	-	-	-	-	-
Goba	7,183	-	-	-	-	-	-
Mennana Arena Buluk	19,198	-	-	-	-	-	-
Nensebo	14,169	2,913	3,544	0.25	30,558	6.49	4
Meda Welabu	12,557	-	-	-	-	-	-
Berbere	10,213	*	*	-	*	*	*
Guradamole	4,160	-	-	-	-	-	-
Goro	15,934	-	-	-	-	-	-
Raytu	6,168	-	-	-	-	-	-
Seweyna	7,711	*	*	-	*	*	*
Borena Zone	283,104	5,425	6,355	0.02	58,510	7.79	5
Uraga	42,623	-	-	-	-	-	-
Bore	30,433	4,105	5,028	0.17	40,010	6.20	5
Adolana Wadera	22,616	-	-	-	-	-	-
Odo Shakiso	14,015	-	-	-	-	-	-
Hager Mariam	86,116	*	*	-	*	*	*
Yabelo	10,081	-	-	-	-	-	-
Arero	3,331	-	-	-	-	-	-
Liben	14,844	-	-	-	-	-	-
Moyale	10,736	-	-	-	-	-	-
Dire	13,719	*	*	-	*	*	*
Teltele	7,361	100	107	0.01	3,123	27.83	12
Gelana Abaya	27,229	-	-	-	-	-	-

TABLE 8. 34A - 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)
Oromia Region	3,981,704	15,280	21,301	0.01	*	*	44
West Welega Zone	313,923	1,692	2,256	0.01	241,010	99.57	23
Mana Sibu	27,022	*	*	-	*	*	*
Nejo	17,916	*	*	-	*	*	*
Gimbi	17,096	*	*	-	*	*	*
Lalo Asabi	10,906	*	*	-	*	*	*
Boji	15,188	*	*	-	*	*	*
Ayra Guliso	16,371	78	98	0.01	*	*	*
Jarso	16,190	204	352	0.02	3,897	6.35	8
Gidami	13,636	*	*	-	*	*	*
Jimma Horo	6,869	34	43	0.01	*	*	15
Hawa Welel	17,315	*	*	-	*	*	*
Gawo Dale	23,820	187	409	0.02	*	*	*
Dale Sadi	11,117	*	*	-	*	*	*
Yubdo	5,640	*	*	-	*	*	*
Ganji	9,611	52	*	-	*	*	*
Haru	11,508	*	*	-	*	*	*
Nole Kaba	23,388	*	*	-	*	*	*
Lalo Kilie	7,900	*	*	-	*	*	*
Sayo	19,844	339	367	0.02	*	*	24
Anfilo	11,848	196	233	0.02	36,255	133.33	27
Begi	30,734	164	164	0.01	3,542	21.60	*
East Welega Zone	260,893	2,028	2,956	0.01	2,142,067	*	44
Limu	20,690	*	*	-	*	*	*
Ibantu	5,087	*	*	-	-	-	-
Gida Kiremu	22,168	*	*	-	*	*	*
Jarte	7,363	61	132	0.02	1,222	*	*
Amuru	7,739	76	160	0.02	2,185	*	8
Abe Dongoro	9,470	*	*	-	*	*	*
Jimma Horo	24,023	*	*	-	*	*	*
Abay Chomen	4,715	49	49	0.01	*	*	*
Guduru	21,520	*	*	-	*	*	*
Jimma Rare	7,738	*	*	-	*	*	*
Bila Seyo	13,470	129	129	0.01	*	*	*
Sibu Sire	15,203	126	213	0.01	*	*	*
Guto Wayu	28,487	*	*	-	*	*	*
Sasiga	11,346	-	-	-	-	-	-
Leka Dulecha	10,555	*	*	-	*	*	*
Diga	11,868	*	*	-	*	*	*
Jimma Arjo	13,333	*	*	-	*	*	*
Nunu Kumba	10,438	*	*	-	*	*	*
Wama Bonaya	15,680	212	568	0.04	6,589	3.84	7
Illibabor Zone	195,287	721	915	0.00	*	*	39
Darimu	22,324	*	*	-	*	*	*
Supena Sodo	13,139	*	*	-	*	*	*
Chora	19,554	*	*	-	*	*	*
Dega	10,191	*	*	-	*	*	*
Bedele	20,513	-	-	-	-	-	-
Gechi	10,893	*	*	-	*	*	*
Borecha Wereda	9,030	*	*	-	*	*	*
Dedesa	14,033	170	188	0.01	*	*	*
yayu	19,201	*	*	-	*	*	*
Metu	22,651	160	160	0.01	*	*	*

TABLE 8. 34A - Number of Holders Reporting Modern Storage Facilities Owned, Quantity Reported, Replacement Value and Storage Capacity of Modern Storage, for Private Holdings. (Continued.)

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)
Illibabor Zone.....							
Ale	17,356	*	*	-	*	*	*
Bure	11,992	*	*	-	*	*	*
Nono	4,411	-	-	-	-	-	-
Jimma Zone	443,315	3,450	5,512	0.01	*	*	34
Limu Seka	29,245	-	-	-	-	-	-
Limu Kosa	45,921	387	430	0.01	*	*	*
Sokoru	25,586	*	*	-	*	*	*
Tiro Afeta	24,135	*	*	-	*	*	*
Kersa.....	29,474	*	*	-	*	*	*
Mana	27,816	465	503	0.02	*	*	*
Goma	49,523	782	*	-	*	*	*
Gera	20,803	*	*	-	*	*	*
Seka chekorsa.....	56,422	*	*	-	*	*	*
Dedo	54,035	*	*	-	*	*	*
Omonada	45,972	327	511	0.01	*	*	*
Sigmo.....	16,132	*	*	-	*	*	*
Setema	18,249	*	*	-	*	*	*
West Shewa Zone.....	502,591	1,489	2,487	0.00	490,607	153.88	30
Ginde Beret	33,630	*	*	-	*	*	*
Jeldu.....	33,701	176	221	0.01	*	*	*
Ambo.....	40,122	*	*	-	*	*	*
Cheliya.....	37,011	173	*	-	*	*	*
Bako Tibe	19,389	*	*	-	*	*	*
Dano	15,544	*	*	-	*	*	*
Nono	23,140	*	*	-	*	*	*
Tikur	12,596	-	-	-	-	-	-
Amaya	21,943	-	-	-	-	-	-
Wonchi	17,405	*	*	-	*	*	*
Dendi	37,106	*	*	-	*	*	*
Ejerie	15,219	-	-	-	-	-	-
Adda Berga.....	19,302	154	359	0.02	*	*	18
Walmara	17,073	*	*	-	*	*	*
Alem Gana.....	20,607	-	-	-	-	-	-
Kersana Kondaltiti	22,051	*	*	-	*	*	*
Tole.....	10,401	*	*	-	*	*	*
Elu	10,354	-	-	-	-	-	-
Dawo	13,068	*	*	-	*	*	*
Walisona Goro.....	35,633	*	*	-	*	*	*
Becho.....	11,294	*	*	-	*	*	*
Kokir.....	12,362	*	*	-	*	*	*
Meta Robi	23,639	*	*	-	*	*	*
North Shewa(Oromia) Zone.....	237,011	731	1,107	0.00	69,644	54.76	20
Wara Jarso	25,009	*	*	-	*	*	*
Dera	35,035	*	*	-	*	*	*
Hidabu Abote	15,884	*	*	-	*	*	*
Kuyu	20,090	262	340	0.02	25,474	69.21	26
Degem	17,936	*	*	-	*	*	*
Gerar Jarso.....	13,163	*	*	-	*	*	*
Yaya Gulelena Debre Libano...	16,566	*	*	-	*	*	*
Wuchalena Jido	22,017	-	-	-	-	-	-
Abichuna Gna'a	11,868	*	*	-	*	*	*
Kembibit.....	10,860	-	-	-	-	-	-
Berehna Aleltu	24,774	-	-	-	-	-	-
Mulona Sululta	23,810	*	*	-	*	*	*

TABLE 8. 34A - Number of Holders Reporting Modern Storage Facilities Owned, Quantity Reported, Replacement Value and Storage Capacity of Modern Storage, for Private Holdings. (Continued.)

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)
East Shewa Zone	314,966	994	1,218	0.00	596,075	*	*
Fentale	6,677	*	*	-	*	*	*
Boset	24,837	*	*	-	*	*	*
Adama	26,906	*	*	-	*	*	*
Lome	14,564	*	*	-	*	*	*
Gimbichu	15,569	*	*	-	*	*	*
Ada'a Liben Chukala	40,176	*	*	-	*	*	*
Dugda Bora	28,844	*	*	-	*	*	*
Adami Tullu Jido Kombolcha ..	23,794	-	-	-	-	-	-
Arsi Negele	26,584	*	*	-	*	*	*
Shashemene	46,108	397	448	0.01	*	*	*
Seraro	48,209	*	*	-	*	*	*
Akaki	12,696	*	*	-	*	*	*
Arsi Zone	493,007	1,818	2,241	0.00	3,186,321	1,416.86	87
Merti	22,750	-	-	-	-	-	-
Aseko	14,396	38	38	0.00	1,132	29.78	17
Gololcha	29,178	*	*	-	*	*	*
Jeju	22,217	130	*	-	*	*	9
Dodotana Sire	22,887	*	*	-	*	*	*
Zeway Dugda	21,200	*	*	-	*	*	*
Hitosa	39,229	527	611	0.02	*	*	121
Sude	25,501	*	*	-	*	*	*
Chole	15,918	*	*	-	*	*	*
Amigna	11,176	*	*	-	*	*	*
Seru	18,205	*	*	-	*	*	*
Robe	27,062	*	*	-	*	*	*
Tena	20,684	-	-	-	-	-	-
Sherka	26,405	*	*	-	*	*	*
Digeluna Tijo	22,181	*	*	-	*	*	*
Tiyo	15,978	134	249	0.02	*	*	*
Munesa	35,171	*	*	-	*	*	*
Bekoji	35,995	*	*	-	*	*	*
Gedeb	24,847	129	129	0.01	*	*	*
Kofele	42,028	-	-	-	-	-	-
West Harerge Zone	291,356	*	*	-	*	*	*
Mieso	16,400	*	*	-	*	*	*
Doba	22,768	*	*	-	*	*	*
Tulo	24,329	-	-	-	-	-	-
Mesela	25,840	*	*	-	*	*	*
Chiro	62,368	-	-	-	-	-	-
Goba Koricha	20,014	-	-	-	-	-	-
Anchar	13,430	*	*	-	*	*	*
Habro	30,386	-	-	-	-	-	-
Darolebu	26,978	-	-	-	-	-	-
Boke	22,144	-	-	-	-	-	-
Kuni	26,701	-	-	-	-	-	-
East Harerge Zone	387,193	126	126	0.00	*	*	*
Kombolcha	20,710	-	-	-	-	-	-
Jarso	17,052	-	-	-	-	-	-
Gursum	25,567	-	-	-	-	-	-
Babile	10,237	-	-	-	-	-	-
Fedis	24,565	-	-	-	-	-	-
Haro Maya	31,404	-	-	-	-	-	-
Kurfa Chele	7,122	-	-	-	-	-	-
Kersa	27,745	*	*	-	*	*	*

TABLE 8. 34A: - Number of Holders Reporting Modern Storage Facilities Owned, Quantity Reported, Replacement Value and Storage Capacity of Modern Storage, for Private Holdings. (Continued.)

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)
East Harerge Zone							
Meta	43,775	-	-	-	-	-	-
Goro Gutu	25,718	*	*	-	*	*	*
Deder	38,265	-	-	-	-	-	-
Malka Balo	24,930	*	*	-	*	*	*
Bedeno	43,356	-	-	-	-	-	-
Girawa	38,886	-	-	-	-	-	-
Gola Oda	7,861	-	-	-	-	-	-
Bale Zone	259,058	539	672	0.00	*	*	112
Kokosa	23,375	-	-	-	-	-	-
Dodola	23,650	208	241	0.01	*	*	235
Adaba	19,856	*	*	-	*	*	*
Agarfa	13,146	-	-	-	-	-	-
Gasera	12,088	-	-	-	-	-	-
Gololcha	14,914	*	*	-	*	*	*
Leghida	8,094	77	77	0.01	864	11.22	16
Ginir	21,653	*	*	-	*	*	*
Sinanana Dinsho	24,988	*	*	-	*	*	*
Goba	7,183	*	*	-	*	*	*
Mennana Arena Buluk	19,198	-	-	-	-	-	-
Nensebo	14,169	-	-	-	-	-	-
Meda Welabu	12,557	*	*	-	*	*	*
Berbere	10,213	-	-	-	-	-	-
Guradamole	4,160	15	15	0.00	*	*	*
Goro	15,934	*	*	-	*	*	*
Raytu	6,168	-	-	-	-	-	-
Seweyna	7,711	*	*	-	*	*	*
Borena Zone	283,104	1,590	1,710	0.01	*	*	*
Uraga	42,623	*	*	-	*	*	*
Bore	30,433	*	*	-	*	*	*
Adolana Wadera	22,616	*	*	-	*	*	*
Odo Shakiso	14,015	121	121	0.01	12,707	105.02	13
Hager Mariam	86,116	*	*	-	*	*	*
Yabelo	10,081	*	*	-	*	*	*
Arero	3,331	*	*	-	*	*	*
Liben	14,844	*	*	-	*	*	*
Moyale	10,736	*	*	-	*	*	*
Dire	13,719	*	*	-	*	*	*
Teltele	7,361	*	*	-	*	*	*
Gelana Abaya	27,229	*	*	-	*	*	*

STATISTICAL TABLES PRESENTING THE CENSUS
RESULTS AT
ZONAL AND WOREDA LEVELS

Tables 8.1B - 8.34B

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	%
Oromia Region.....	800,934	20.12	1,823,684	45.80	993,135	24.94	265,113	6.66	68,777	1.73	30,061	0.75
West Welega Zone.....	35,997	11.47	144,904	46.16	102,937	32.79	24,040	7.66	4,569	1.46	1,476	0.47
Mana Sibu.....	2,478	9.17	10,260	37.97	9,551	35.35	3,494	12.93	856	3.17	383	1.42
Nejo.....	1,454	8.12	7,114	39.71	6,563	36.63	2,150	12.00	501	2.80	134	0.75
Gimbi.....	1,236	7.23	7,581	44.34	6,103	35.70	1,713	10.02	311	1.82	152	0.89
Lalo Asabi.....	996	9.13	3,927	36.01	4,267	39.13	1,412	12.95	215	1.97	89	0.82
Boji.....	1,069	7.04	6,178	40.68	6,223	40.97	1,427	9.40	217	1.43	74	0.49
Ayra Guliso.....	1,658	10.13	6,546	39.99	6,646	40.60	1,200	7.33	285	1.74	36	0.22
Jarso.....	1,199	7.41	6,841	42.25	5,982	36.95	1,894	11.70	194	1.20	80	0.49
Gidami.....	1,865	13.68	6,433	47.18	4,511	33.08	743	5.45	73	0.54	11	0.08
Jimma Horo.....	994	14.47	3,455	50.30	2,093	30.47	281	4.09	19	0.28	27	0.39
Hawa Welel.....	2,341	13.52	9,596	55.42	4,497	25.97	667	3.85	191	1.10	23	0.13
Gawo Dale.....	2,230	9.36	13,183	55.34	6,860	28.80	1,376	5.78	117	0.49	54	0.23
Dale Sadi.....	1,616	14.54	5,302	47.69	3,543	31.87	506	4.55	92	0.83	58	0.52
Yubdo.....	624	11.06	2,520	44.68	1,934	34.29	432	7.66	94	1.67	36	0.64
Ganji.....	1,456	15.15	3,264	33.96	3,546	36.90	1,038	10.80	277	2.88	30	0.31
Haru.....	993	8.63	4,151	36.07	4,651	40.42	1,333	11.58	262	2.28	118	1.03
Nole Kaba.....	2,841	12.15	10,432	44.60	8,266	35.34	1,475	6.31	306	1.31	68	0.29
Lalo Kilie.....	1,417	17.94	3,739	47.33	2,218	28.08	442	5.59	74	0.94	10	0.13
Sayo.....	4,586	23.11	11,627	58.59	3,221	16.23	385	1.94	25	0.13	-	-
Anfilo.....	1,884	15.90	6,369	53.76	2,892	24.41	601	5.07	102	0.86	-	-
Begi.....	3,056	9.94	16,387	53.32	9,371	30.49	1,470	4.78	356	1.16	94	0.31
East Welega Zone.....	21,768	8.34	113,739	43.60	93,154	35.71	24,707	9.47	5,500	2.11	2,025	0.78
Limu.....	1,706	8.25	10,835	52.37	6,231	30.12	1,601	7.74	160	0.77	157	0.76
Ibantu.....	52	1.02	2,482	48.79	2,094	41.16	406	7.98	40	0.79	13	0.26
Gida Kiremu.....	1,303	5.88	10,809	48.76	8,098	36.53	1,429	6.45	301	1.36	228	1.03
Jarte.....	575	7.81	3,005	40.81	2,844	38.63	716	9.72	151	2.05	72	0.98
Amuru.....	559	7.22	2,889	37.33	3,203	41.39	881	11.38	198	2.56	9	0.12
Abe Dongoro.....	1,087	11.48	4,058	42.85	3,083	32.56	932	9.84	214	2.26	96	1.01
Jimma Horo.....	1,682	7.00	10,574	44.02	8,520	35.47	2,429	10.11	674	2.81	144	0.60
Abay Chomen.....	274	5.81	1,554	32.96	1,837	38.96	769	16.31	206	4.37	75	1.59
Guduru.....	1,505	6.99	8,184	38.03	7,980	37.08	2,814	13.08	827	3.84	210	0.98
Jimma Rare.....	257	3.32	2,772	35.82	3,194	41.28	1,157	14.95	294	3.80	64	0.83
Bila Seyo.....	1,739	12.91	6,994	51.92	3,769	27.98	764	5.67	184	1.37	20	0.15
Sibu Sire.....	2,480	16.31	7,333	48.23	4,114	27.06	1,078	7.09	153	1.01	45	0.30
Guto Wayu.....	2,241	7.87	12,897	45.27	10,727	37.66	1,947	6.83	470	1.65	205	0.72
Sasiga.....	1,130	9.96	4,567	40.25	4,622	40.74	656	5.78	236	2.08	135	1.19
Leka Dulecha.....	523	4.95	3,724	35.28	4,550	43.11	1,442	13.66	241	2.28	75	0.71
Diga.....	978	8.24	5,246	44.20	4,067	34.27	1,123	9.46	311	2.62	143	1.20
Jimma Arjo.....	1,217	9.13	5,952	44.64	4,920	36.90	1,076	8.07	118	0.89	50	0.38
Nunu Kumba.....	887	8.50	3,798	36.39	3,766	36.08	1,528	14.64	315	3.02	144	1.38
Wama Bonaya.....	1,576	10.05	6,066	38.69	5,534	35.29	1,959	12.49	407	2.60	138	0.88
Illibabor Zone.....	40,752	20.87	90,201	46.19	47,714	24.43	11,903	6.10	3,302	1.69	1,415	0.72
Darimu.....	7,924	35.50	10,417	46.66	3,285	14.72	521	2.33	143	0.64	34	0.15
Supena Sodo.....	2,462	18.74	6,448	49.08	2,961	22.54	901	6.86	228	1.74	139	1.06
Chora.....	3,078	15.74	9,772	49.97	5,035	25.75	1,212	6.20	199	1.02	258	1.32
Dega.....	1,962	19.25	5,163	50.66	2,286	22.43	562	5.51	175	1.72	43	0.42
Bedele.....	3,993	19.47	9,905	48.29	5,390	26.28	1,060	5.17	139	0.68	26	0.13
Gechi.....	1,657	15.21	5,329	48.92	2,879	26.43	789	7.24	150	1.38	89	0.82
Borecha Wereda.....	1,854	20.53	4,553	50.42	2,058	22.79	441	4.88	113	1.25	11	0.12
Dedesa.....	2,306	16.43	6,514	46.42	3,814	27.18	937	6.68	346	2.47	116	0.83
yayu.....	3,163	16.47	7,460	38.85	5,977	31.13	1,898	9.88	485	2.53	218	1.14
Metu.....	5,359	23.66	10,050	44.37	5,620	24.81	1,000	4.41	505	2.23	117	0.52

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

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	%
Ilibabor Zone												
Ale.....	2,626	15.13	7,167	41.29	5,095	29.36	1,702	9.81	519	2.99	247	1.42
Bure.....	3,677	30.66	5,294	44.15	2,179	18.17	572	4.77	197	1.64	73	0.61
Nono	694	15.73	2,128	48.24	1,135	25.73	308	6.98	104	2.36	42	0.95
Jimma Zone	77,914	17.58	200,494	45.23	114,115	25.74	34,262	7.73	11,159	2.52	5,371	1.21
Limu Seka.....	4,257	14.56	15,050	51.46	7,871	26.91	1,657	5.67	328	1.12	82	0.28
Limu Kosa	13,384	29.15	22,597	49.21	7,890	17.18	1,699	3.70	301	0.66	50	0.11
Sokoru.....	2,823	11.03	7,900	30.88	8,348	32.63	4,265	16.67	1,471	5.75	779	3.04
Tiro Afeta	2,799	11.60	9,632	39.91	7,880	32.65	2,690	11.15	736	3.05	398	1.65
Kersa	5,112	17.34	12,791	43.40	8,386	28.45	2,515	8.53	465	1.58	205	0.70
Mana	4,937	17.75	13,270	47.71	7,684	27.62	1,383	4.97	308	1.11	234	0.84
Goma.....	8,664	17.49	27,605	55.74	10,220	20.64	1,811	3.66	813	1.64	410	0.83
Gera.....	1,614	7.76	10,589	50.90	5,934	28.52	1,770	8.51	616	2.96	280	1.35
Seka chekorsa	14,939	26.48	24,341	43.14	11,693	20.72	3,491	6.19	1,207	2.14	751	1.33
Dedo.....	9,657	17.87	23,835	44.11	13,206	24.44	4,269	7.90	2,224	4.12	844	1.56
Omonada.....	3,648	7.94	13,013	28.31	17,626	38.34	8,017	17.44	2,446	5.32	1,222	2.66
Sigmo.....	2,088	12.94	9,509	58.94	3,973	24.63	310	1.92	213	1.32	39	0.24
Setema.....	3,991	21.87	10,361	56.78	3,404	18.65	386	2.12	30	0.16	77	0.42
West Shewa Zone	68,691	13.67	203,500	40.49	163,933	32.62	47,904	9.53	12,393	2.47	6,170	1.23
Ginde Beret.....	3,075	9.14	13,019	38.71	12,240	36.40	3,717	11.05	926	2.75	653	1.94
Jeldu.....	4,396	13.04	12,494	37.07	12,307	36.52	3,607	10.70	446	1.32	451	1.34
Ambo	5,455	13.60	13,916	34.68	13,735	34.23	4,843	12.07	1,529	3.81	644	1.61
Cheliya.....	2,357	6.37	9,808	26.50	14,999	40.53	6,792	18.35	1,946	5.26	1,109	3.00
Bako Tibe	2,353	12.14	6,545	33.76	7,669	39.55	2,196	11.33	501	2.58	125	0.64
Dano.....	1,389	8.94	5,963	38.36	4,969	31.97	2,411	15.51	573	3.69	239	1.54
Nono	1,939	8.38	8,738	37.76	7,597	32.83	3,447	14.90	924	3.99	495	2.14
Tikur	2,081	16.52	5,727	45.47	3,705	29.41	884	7.02	185	1.47	14	0.11
Amaya.....	2,077	9.47	6,698	30.52	7,985	36.39	3,488	15.90	1,162	5.30	533	2.43
Wonchi.....	2,241	12.88	7,213	41.44	6,068	34.86	1,242	7.14	301	1.73	340	1.95
Dendi.....	4,906	13.22	13,401	36.12	13,987	37.69	3,300	8.89	1,172	3.16	340	0.92
Ejerie.....	2,907	19.10	6,244	41.03	4,315	28.35	1,254	8.24	351	2.31	148	0.97
Adda Berga	2,905	15.05	9,055	46.91	5,523	28.61	1,377	7.13	442	2.29	-	-
Walmarra.....	1,952	11.43	8,390	49.14	5,512	32.28	996	5.83	154	0.90	69	0.40
Alem Gana	4,017	19.49	9,415	45.69	5,814	28.21	1,030	5.00	234	1.14	97	0.47
Kersana Kondaliti	2,261	10.25	10,726	48.64	7,191	32.61	1,641	7.44	208	0.94	24	0.11
Tole.....	2,376	22.84	5,159	49.60	2,178	20.94	485	4.66	93	0.89	110	1.06
Elu.....	2,778	26.83	4,510	43.56	2,552	24.65	393	3.80	95	0.92	26	0.25
Dawo.....	2,566	19.64	6,160	47.14	3,489	26.70	592	4.53	195	1.49	66	0.51
Walisona Goro	5,392	15.13	16,623	46.65	10,444	29.31	2,135	5.99	639	1.79	400	1.12
Becho	3,060	27.09	5,819	51.52	1,906	16.88	338	2.99	65	0.58	106	0.94
Kokir.....	2,969	24.02	6,212	50.25	2,768	22.39	287	2.32	96	0.78	30	0.24
Meta Robi	3,238	13.70	11,665	49.35	6,979	29.52	1,447	6.12	156	0.66	154	0.65
North Shewa(Oromia) Zone	35,792	15.10	107,317	45.28	72,398	30.55	16,518	6.97	3,709	1.56	1,277	0.54
Wara Jarso	1,972	7.89	12,332	49.31	8,197	32.78	1,892	7.57	409	1.64	207	0.83
Dera.....	1,720	4.91	13,548	38.67	14,447	41.24	4,200	11.99	920	2.63	200	0.57
Hidabu Abote.....	2,210	13.91	8,282	52.14	4,307	27.12	755	4.75	280	1.76	50	0.31
Kuyu	2,141	10.66	9,061	45.10	6,792	33.81	1,583	7.88	332	1.65	181	0.90
Degem.....	2,079	11.59	9,481	52.86	5,361	29.89	713	3.98	262	1.46	40	0.22
Gerar Jarso	1,280	9.72	5,813	44.16	4,666	35.45	1,002	7.61	246	1.87	156	1.19
Yaya Gulelena Debre	2,646	15.97	7,604	45.90	4,639	28.00	1,173	7.08	378	2.28	126	0.76
Wuchalena Jido.....	5,205	23.64	11,039	50.14	4,593	20.86	984	4.47	169	0.77	27	0.12
Abichuna Gna'a	3,287	27.70	5,121	43.15	2,763	23.28	613	5.17	53	0.45	31	0.26
Kembibit	3,424	31.53	4,807	44.26	2,311	21.28	289	2.66	15	0.14	14	0.13
Berehna Aleltu	6,249	25.22	10,284	41.51	6,584	26.58	1,195	4.82	278	1.12	184	0.74
Mulona Sululta	3,580	15.04	9,945	41.77	7,737	32.49	2,119	8.90	366	1.54	63	0.26

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

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	%
East Shewa Zone	74,040	23.51	126,589	40.19	77,067	24.47	25,206	8.00	8,294	2.63	3,770	1.20
Fentale.....	842	12.61	3,511	52.58	1,828	27.38	429	6.43	43	0.64	24	0.36
Boset.....	4,274	17.21	7,418	29.87	8,632	34.75	3,304	13.30	867	3.49	342	1.38
Adama.....	5,967	22.18	10,962	40.74	7,362	27.36	1,996	7.42	457	1.70	162	0.60
Lome.....	3,517	24.15	4,796	32.93	4,714	32.37	1,106	7.59	360	2.47	71	0.49
Gimbichu.....	4,488	28.83	6,704	43.06	3,240	20.81	930	5.97	152	0.98	55	0.35
Ada'a Liben Chukala.....	9,249	23.02	13,523	33.66	12,781	31.81	3,179	7.91	1,132	2.82	312	0.78
Dugda Bora.....	5,203	18.04	12,558	43.54	7,640	26.49	2,452	8.50	753	2.61	238	0.83
Adami Tullu Jido.....	8,934	37.55	9,799	41.18	3,040	12.78	1,382	5.81	371	1.56	268	1.13
Arsi Negele.....	8,619	32.42	9,370	35.25	4,450	16.74	2,387	8.98	919	3.46	839	3.16
Shashemene.....	9,785	21.22	19,421	42.12	10,018	21.73	4,197	9.10	1,749	3.79	938	2.03
Seraro.....	10,624	22.04	23,148	48.02	9,744	20.21	2,959	6.14	1,279	2.65	455	0.94
Akaki.....	2,536	19.97	5,379	42.37	3,618	28.50	885	6.97	211	1.66	67	0.53
Arsi Zone	103,271	20.95	196,006	39.76	131,371	26.65	45,235	9.18	12,589	2.55	4,535	0.92
Merti.....	2,661	11.70	7,166	31.50	7,761	34.11	3,728	16.39	1,100	4.84	334	1.47
Aseko.....	2,546	17.69	5,222	36.27	4,584	31.84	1,550	10.77	388	2.70	106	0.74
Gololcha.....	6,009	20.59	15,436	52.90	6,278	21.52	984	3.37	362	1.24	109	0.37
Jeju.....	3,837	17.27	8,623	38.81	6,812	30.66	2,289	10.30	610	2.75	46	0.21
Dodotana Sire.....	3,859	16.86	7,744	33.84	6,904	30.17	2,984	13.04	891	3.89	505	2.21
Zeway Dugda.....	4,273	20.16	7,004	33.04	6,895	32.52	2,393	11.29	533	2.51	102	0.48
Hitosa.....	8,794	22.42	16,320	41.60	9,409	23.98	3,039	7.75	1,101	2.81	566	1.44
Sude.....	5,637	22.11	11,168	43.79	6,563	25.74	1,439	5.64	406	1.59	288	1.13
Chole.....	1,903	11.96	5,465	34.33	5,325	33.45	2,461	15.46	612	3.84	152	0.95
Amigna.....	2,055	18.39	5,258	47.05	2,659	23.79	891	7.97	209	1.87	104	0.93
Seru.....	3,414	18.75	7,997	43.93	5,105	28.04	1,144	6.28	433	2.38	112	0.62
Robe.....	5,291	19.55	12,007	44.37	7,051	26.05	1,923	7.11	605	2.24	185	0.68
Tena.....	3,493	16.89	8,572	41.44	5,866	28.36	2,004	9.69	572	2.77	177	0.86
Sherka.....	3,585	13.58	8,313	31.48	8,318	31.50	4,794	18.16	1,170	4.43	225	0.85
Digeluna Tijo.....	4,582	20.66	9,022	40.67	6,023	27.15	2,002	9.03	392	1.77	160	0.72
Tiyo.....	3,399	21.27	5,150	32.23	4,735	29.63	2,058	12.88	461	2.89	175	1.10
Munesa.....	7,143	20.31	11,229	31.93	10,885	30.95	4,243	12.06	1,245	3.54	426	1.21
Bekoji.....	10,703	29.73	14,965	41.58	7,568	21.03	2,158	6.00	392	1.09	209	0.58
Gedeb.....	10,283	41.39	9,501	38.24	4,044	16.28	754	3.03	155	0.62	110	0.44
Kofele.....	9,810	23.34	19,845	47.22	8,584	20.42	2,395	5.70	952	2.27	442	1.05
West Harerge Zone.....	90,409	31.03	150,816	51.76	41,519	14.25	7,049	2.42	932	0.32	631	0.22
Mieso.....	6,539	39.87	7,801	47.57	1,714	10.45	290	1.77	26	0.16	30	0.18
Doba.....	4,443	19.51	11,603	50.96	5,328	23.40	1,021	4.48	213	0.94	160	0.70
Tulo.....	6,127	25.18	13,186	54.20	4,350	17.88	529	2.17	71	0.29	66	0.27
Mesela.....	7,985	30.90	12,175	47.12	5,110	19.78	496	1.92	74	0.29	-	-
Chiro.....	22,326	35.80	32,183	51.60	7,000	11.22	786	1.26	-	-	73	0.12
Goba Koricha.....	5,971	29.83	9,913	49.53	3,347	16.72	655	3.27	128	0.64	-	-
Anchar.....	2,701	20.11	7,695	57.30	2,286	17.02	637	4.74	82	0.61	29	0.22
Habro.....	11,484	37.79	13,657	44.95	3,911	12.87	1,074	3.53	138	0.45	122	0.40
Darolebu.....	4,798	17.78	17,126	63.48	4,105	15.22	796	2.95	107	0.40	46	0.17
Boke.....	7,805	35.25	11,829	53.42	1,954	8.82	482	2.18	45	0.20	29	0.13
Kuni.....	10,233	38.32	13,647	51.11	2,415	9.04	282	1.06	48	0.18	76	0.28
East Harerge Zone.....	106,268	27.45	197,785	51.08	66,515	17.18	12,833	3.31	2,748	0.71	1,044	0.27
Kombolcha.....	5,374	25.95	11,395	55.02	3,103	14.98	580	2.80	232	1.12	26	0.13
Jarso.....	4,182	24.52	8,681	50.91	3,238	18.99	677	3.97	232	1.36	42	0.25
Gursum.....	3,971	15.53	13,297	52.01	6,141	24.02	1,675	6.55	411	1.61	72	0.28
Babile.....	1,490	14.56	4,698	45.89	2,882	28.15	935	9.13	211	2.06	21	0.21
Fedis.....	5,015	20.42	13,937	56.74	4,275	17.40	1,039	4.23	172	0.70	127	0.52
Haro Maya.....	10,663	33.95	13,989	44.55	5,152	16.41	1,369	4.36	185	0.59	46	0.15
Kurfä Chele.....	2,003	28.12	3,470	48.72	1,347	18.91	261	3.66	22	0.31	19	0.27
Kersa.....	9,520	34.31	13,379	48.22	4,070	14.67	622	2.24	113	0.41	41	0.15

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

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	%
East Harerge Zone												
Meta	13,541	30.93	20,117	45.96	8,945	20.43	881	2.01	235	0.54	56	0.13
Goro Gutu	7,904	30.73	13,155	51.15	3,763	14.63	545	2.12	232	0.90	119	0.46
Deder	12,002	31.37	18,803	49.14	6,781	17.72	485	1.27	96	0.25	98	0.26
Malka Balo	8,998	36.09	11,941	47.90	3,291	13.20	604	2.42	66	0.26	30	0.12
Bedeno	9,898	22.83	26,210	60.45	5,718	13.19	1,173	2.71	156	0.36	201	0.46
Girawa	10,525	27.07	20,513	52.75	6,069	15.61	1,552	3.99	227	0.58	-	-
Gola Oda	1,181	15.02	4,200	53.43	1,739	22.12	435	5.53	159	2.02	147	1.87
Bale Zone	71,027	27.42	132,222	51.04	43,175	16.67	9,493	3.66	2,215	0.86	926	0.36
Kokosa	6,401	27.38	14,579	62.37	2,233	9.55	136	0.58	-	-	26	0.11
Dodola	6,689	28.28	12,267	51.87	3,825	16.17	734	3.10	109	0.46	26	0.11
Adaba	5,334	26.86	8,474	42.68	4,560	22.97	1,184	5.96	233	1.17	71	0.36
Agarfa	3,352	25.50	5,941	45.19	2,835	21.57	716	5.45	246	1.87	56	0.43
Gasera	4,391	36.33	5,132	42.46	1,959	16.21	448	3.71	108	0.89	50	0.41
Gololcha	2,713	18.19	6,639	44.52	3,909	26.21	1,257	8.43	298	2.00	98	0.66
Legehida	1,174	14.50	5,712	70.57	1,020	12.60	135	1.67	40	0.49	13	0.16
Ginir	3,874	17.89	10,718	49.50	4,840	22.35	1,607	7.42	371	1.71	243	1.12
Sinanana Dinsho	6,477	25.92	12,672	50.71	5,037	20.16	680	2.72	65	0.26	57	0.23
Goba	2,602	36.22	3,314	46.14	1,065	14.83	175	2.44	27	0.38	-	-
Mennana Arena Buluk	8,407	43.79	8,831	46.00	1,545	8.05	267	1.39	148	0.77	-	-
Nensebo	3,987	28.14	7,511	53.01	2,187	15.44	375	2.65	78	0.55	31	0.22
Meda Welabu	4,251	33.85	6,878	54.77	1,187	9.45	169	1.35	-	-	72	0.57
Berbere	3,423	33.52	5,708	55.89	867	8.49	162	1.59	39	0.38	14	0.14
Guradamole	1,308	31.44	2,281	54.83	473	11.37	83	2.00	6	0.14	9	0.22
Goro	4,944	31.03	7,370	46.25	2,736	17.17	612	3.84	205	1.29	67	0.42
Raytu	654	10.60	3,138	50.88	1,616	26.20	498	8.07	183	2.97	79	1.28
Seweyna	1,042	13.51	5,058	65.59	1,282	16.63	258	3.35	60	0.78	11	0.14
Borena Zone	75,006	26.49	160,111	56.56	39,237	13.86	5,962	2.11	1,366	0.48	1,422	0.50
Uraga	12,704	29.81	25,122	58.94	4,014	9.42	732	1.72	51	0.12	-	-
Bore	7,322	24.06	19,475	63.99	3,432	11.28	67	0.22	68	0.22	69	0.23
Adolana Wadera	2,414	10.67	16,872	74.60	2,995	13.24	335	1.48	-	-	-	-
Odo Shakiso	281	2.00	9,422	67.23	3,822	27.27	446	3.18	24	0.17	20	0.14
Hager Mariam	35,308	41.00	37,514	43.56	9,921	11.52	1,882	2.19	590	0.69	901	1.05
Yabelo	1,335	13.24	5,800	57.53	2,437	24.17	327	3.24	138	1.37	44	0.44
Arero	451	13.54	2,020	60.64	768	23.06	47	1.41	45	1.35	-	-
Liben	2,474	16.67	10,183	68.60	1,965	13.24	177	1.19	20	0.13	25	0.17
Moyale	2,904	27.05	6,352	59.17	1,284	11.96	89	0.83	11	0.10	96	0.89
Dire	1,457	10.62	8,126	59.23	3,041	22.17	835	6.09	102	0.74	158	1.15
Teltele	652	8.86	4,662	63.33	1,464	19.89	333	4.52	141	1.92	109	1.48
Gelana Abaya	7,705	28.30	14,563	53.48	4,095	15.04	691	2.54	175	0.64	-	-

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	%
Oromia Region	2,648,565	66.52	1,021,818	25.66	244,063	6.13	45,412	1.14	14,392	0.36	7,454	0.19
West Welega Zone	87,629	27.91	146,962	46.81	59,175	18.85	13,727	4.37	4,000	1.27	2,430	0.77
Mana Sibul.....	12,233	45.27	12,867	47.62	1,649	6.10	177	0.66	31	0.11	65	0.24
Nejo.....	6,042	33.72	10,004	55.84	1,438	8.03	385	2.15	23	0.13	24	0.13
Gimbi.....	9,627	56.31	5,691	33.29	1,511	8.84	227	1.33	20	0.12	20	0.12
Lalo Asabi.....	3,190	29.25	5,131	47.05	2,165	19.85	345	3.16	47	0.43	28	0.26
Boji	4,210	27.72	7,724	50.86	2,727	17.95	353	2.32	90	0.59	84	0.55
Ayra Guliso.....	5,017	30.65	8,376	51.16	2,489	15.20	409	2.50	39	0.24	41	0.25
Jarso	5,968	36.86	8,709	53.79	1,295	8.00	88	0.54	87	0.54	43	0.27
Gidami	764	5.60	6,352	46.58	4,548	33.35	1,213	8.90	521	3.82	238	1.75
Jimma Horo	1,807	26.31	3,238	47.14	1,480	21.55	226	3.29	94	1.37	24	0.35
Hawa Welel	2,963	17.11	9,690	55.96	3,799	21.94	652	3.77	169	0.98	42	0.24
Gawo Dale.....	3,472	14.58	12,401	52.06	5,811	24.40	1,471	6.18	416	1.75	249	1.05
Dale Sadi.....	2,410	21.68	5,778	51.97	2,271	20.43	344	3.09	249	2.24	65	0.58
Yubdo	731	12.96	2,936	52.06	1,511	26.79	304	5.39	85	1.51	73	1.29
Ganji	2,729	28.39	4,361	45.38	1,993	20.74	419	4.36	82	0.85	27	0.28
Haru	7,417	64.45	3,485	30.28	490	4.26	116	1.01	-	-	-	-
Nole Kaba.....	6,896	29.49	12,095	51.71	3,734	15.97	604	2.58	26	0.11	33	0.14
Lalo Kilie.....	1,638	20.73	4,501	56.97	1,499	18.97	193	2.44	59	0.75	10	0.13
Sayo	2,578	12.99	9,503	47.89	5,623	28.34	1,553	7.83	333	1.68	254	1.28
Anfilo	1,949	16.45	2,321	19.59	4,129	34.85	1,663	14.04	977	8.25	809	6.83
Begi.....	5,984	19.47	11,801	38.40	9,013	29.33	2,986	9.72	650	2.11	300	0.98
East Welega Zone.....	132,277	50.70	103,616	39.72	20,917	8.02	3,295	1.26	585	0.22	203	0.08
Limu.....	4,849	23.44	12,203	58.98	2,925	14.14	556	2.69	112	0.54	45	0.22
Ibantu	1,066	20.96	2,951	58.01	874	17.18	169	3.32	20	0.39	7	0.14
Gida Kiremu	7,016	31.65	12,217	55.11	2,366	10.67	373	1.68	139	0.63	57	0.26
Jarte.....	4,082	55.44	3,036	41.23	185	2.51	60	0.81	-	-	-	-
Amuru.....	3,465	44.77	3,735	48.26	506	6.54	33	0.43	-	-	-	-
Abe Dongoro	2,488	26.27	5,227	55.20	1,522	16.07	213	2.25	11	0.12	9	0.10
Jimma Horo	11,899	49.53	11,408	47.49	692	2.88	24	0.10	-	-	-	-
Abay Chomen.....	3,423	72.60	1,189	25.22	103	2.18	-	-	-	-	-	-
Guduru.....	19,273	89.56	2,093	9.73	154	0.72	-	-	-	-	-	-
Jimma Rare.....	5,738	74.15	1,864	24.09	126	1.63	10	0.13	-	-	-	-
Bila Seyo.....	5,016	37.24	6,978	51.80	1,264	9.38	195	1.45	-	-	17	0.13
Sibu Sire.....	4,037	26.55	8,518	56.03	2,358	15.51	260	1.71	30	0.20	-	-
Guto Wayu.....	10,088	35.41	13,341	46.83	4,271	14.99	657	2.31	103	0.36	27	0.09
Sasiga.....	3,347	29.50	5,418	47.75	2,057	18.13	408	3.60	103	0.91	13	0.11
Leka Dulecha.....	8,979	85.07	1,311	12.42	182	1.72	83	0.79	-	-	-	-
Diga.....	6,920	58.31	3,921	33.04	756	6.37	206	1.74	50	0.42	15	0.13
Jimma Arjo	11,380	85.35	1,721	12.91	232	1.74	-	-	-	-	-	-
Nunu Kumba	9,493	90.95	851	8.15	68	0.65	13	0.12	-	-	13	0.12
Wama Bonaya	9,713	61.95	5,635	35.94	277	1.77	36	0.23	19	0.12	-	-
Illibabor Zone.....	31,847	16.31	110,413	56.54	43,398	22.22	7,201	3.69	1,543	0.79	885	0.45
Darimu.....	4,350	19.49	13,816	61.89	3,734	16.73	336	1.51	27	0.12	61	0.27
Supena Sodo	1,379	10.50	7,894	60.08	3,219	24.50	494	3.76	84	0.64	69	0.53
Chora	2,012	10.29	11,421	58.41	4,843	24.77	997	5.10	151	0.77	130	0.66
Dega	3,048	29.91	6,064	59.50	903	8.86	147	1.44	15	0.15	14	0.14
Bedele	5,545	27.03	11,345	55.31	3,168	15.44	394	1.92	61	0.30	-	-
Gechi.....	1,897	17.41	6,477	59.46	2,246	20.62	231	2.12	28	0.26	14	0.13
Borecha Wereda	1,726	19.11	5,390	59.69	1,623	17.97	207	2.29	59	0.65	25	0.28
Dedesa	2,986	21.28	8,271	58.94	2,230	15.89	384	2.74	79	0.56	83	0.59
yayu.....	2,034	10.59	9,245	48.15	6,093	31.73	1,420	7.40	187	0.97	222	1.16
Metu.....	2,211	9.76	12,027	53.10	6,807	30.05	1,018	4.49	433	1.91	155	0.68

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

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	%	
Illibabor Zone.....											
Ale	2,188	12.61	10,027	57.77	4,195	24.17	716	4.13	212	1.22	18 0.10
Bure	1,602	13.36	6,361	53.04	3,162	26.37	601	5.01	190	1.58	76 0.63
Nono	870	19.72	2,075	47.04	1,175	26.64	255	5.78	18	0.41	18 0.41
Jimma Zone	182,912	41.26	223,571	50.43	32,341	7.30	3,185	0.72	856	0.19	450 0.10
Limu Seka	11,147	38.12	15,179	51.90	2,750	9.40	125	0.43	44	0.15	- -
Limu Kosa	11,280	24.56	26,394	57.48	6,259	13.63	1,431	3.12	448	0.98	109 0.24
Sokoru	20,122	78.64	5,073	19.83	324	1.27	67	0.26	-	-	- -
Tiro Afeta	13,128	54.39	10,426	43.20	386	1.60	162	0.67	33	0.14	- -
Kersa	12,496	42.40	14,782	50.15	1,921	6.52	125	0.42	110	0.37	40 0.14
Mana	8,721	31.35	16,168	58.12	2,600	9.35	289	1.04	38	0.14	- -
Goma	10,407	21.01	30,919	62.43	7,368	14.88	664	1.34	41	0.08	124 0.25
Gera	2,971	14.28	15,314	73.61	2,306	11.08	48	0.23	53	0.25	111 0.53
Seka chekorsa	19,741	34.99	32,637	57.84	3,696	6.55	216	0.38	66	0.12	66 0.12
Dedo	24,650	45.62	26,984	49.94	2,401	4.44	-	-	-	-	- -
Omonada	33,793	73.51	10,858	23.62	1,262	2.75	59	0.13	-	-	- -
Sigmo	6,423	39.82	9,264	57.43	445	2.76	-	-	-	-	- -
Setema	8,027	43.99	9,574	52.46	624	3.42	-	-	24	0.13	- -
West Shewa Zone.....	419,055	83.38	77,397	15.40	5,641	1.12	266	0.05	106	0.02	126 0.03
Ginde Beret	33,361	99.20	269	0.80	-	-	-	-	-	-	- -
Jeldu	30,663	90.99	2,808	8.33	135	0.40	45	0.13	-	-	50 0.15
Ambo	29,000	72.28	10,603	26.43	519	1.29	-	-	-	-	- -
Cheliya	26,299	71.06	9,318	25.18	1,308	3.53	43	0.12	43	0.12	- -
Bako Tibe	12,605	65.01	5,911	30.49	730	3.77	72	0.37	47	0.24	24 0.12
Dano	6,587	42.38	7,910	50.89	994	6.39	37	0.24	16	0.10	- -
Nono	12,317	53.23	9,864	42.63	904	3.91	55	0.24	-	-	- -
Tikur	6,299	50.01	6,093	48.37	190	1.51	14	0.11	-	-	- -
Amaya	15,715	71.62	5,969	27.20	259	1.18	-	-	-	-	- -
Wonchi	15,119	86.87	2,264	13.01	22	0.13	-	-	-	-	- -
Dendi	30,326	81.73	6,521	17.57	259	0.70	-	-	-	-	- -
Ejerie	14,912	97.98	289	1.90	18	0.12	-	-	-	-	- -
Adda Berga	18,649	96.62	653	3.38	-	-	-	-	-	-	- -
Walmara	16,373	95.90	674	3.95	26	0.15	-	-	-	-	- -
Alem Gana	19,687	95.54	920	4.46	-	-	-	-	-	-	- -
Kersana Kondaltiti	20,712	93.93	1,339	6.07	-	-	-	-	-	-	- -
Tole	10,234	98.39	155	1.49	12	0.12	-	-	-	-	- -
Elu	10,196	98.47	158	1.53	-	-	-	-	-	-	- -
Dawo	12,593	96.37	475	3.63	-	-	-	-	-	-	- -
Walisona Goro	32,579	91.43	2,866	8.04	136	0.38	-	-	-	-	52 0.15
Becho	10,960	97.04	320	2.83	14	0.12	-	-	-	-	- -
Kokir	10,569	85.50	1,677	13.57	116	0.94	-	-	-	-	- -
Meta Robi	23,296	98.55	343	1.45	-	-	-	-	-	-	- -
North Shewa(Oromia) Zone.....	235,012	99.16	1,759	0.74	240	0.10	-	-	-	-	- -
Wara Jarso	24,853	99.38	122	0.49	34	0.14	-	-	-	-	- -
Dera	34,905	99.63	130	0.37	-	-	-	-	-	-	- -
Hidabu Abote	15,606	98.25	243	1.53	35	0.22	-	-	-	-	- -
Kuyu	20,038	99.74	52	0.26	-	-	-	-	-	-	- -
Degem	17,692	98.64	196	1.09	48	0.27	-	-	-	-	- -
Gerar Jarso	13,097	99.50	66	0.50	-	-	-	-	-	-	- -
Yaya Gulelena Debre	16,350	98.70	216	1.30	-	-	-	-	-	-	- -
Wuchalena Jido	21,899	99.46	59	0.27	59	0.27	-	-	-	-	- -
Abichuna Gna'a	11,768	99.16	100	0.84	-	-	-	-	-	-	- -
Kembibit	10,730	98.80	130	1.20	-	-	-	-	-	-	- -
Berehna Aleltu	24,586	99.24	161	0.65	27	0.11	-	-	-	-	- -
Mulona Sululta	23,489	98.65	285	1.20	36	0.15	-	-	-	-	- -

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

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	%
East Shewa Zone	270,583	85.91	42,502	13.49	1,802	0.57	33	0.01	-	-	46	0.01
Fentale.....	5,351	80.14	1,197	17.93	129	1.93	-	-	-	-	-	-
Boset.....	23,651	95.22	1,186	4.78	-	-	-	-	-	-	-	-
Adama.....	23,019	85.55	3,806	14.15	81	0.30	-	-	-	-	-	-
Lome.....	13,949	95.78	615	4.22	-	-	-	-	-	-	-	-
Gimbichu.....	15,536	99.79	33	0.21	-	-	-	-	-	-	-	-
Ada'a Liben Chukala.....	38,778	96.52	1,398	3.48	-	-	-	-	-	-	-	-
Dugda Bora.....	23,078	80.01	5,458	18.92	229	0.79	33	0.11	-	-	46	0.16
Adami Tullu Jido.....	21,265	89.37	2,480	10.42	49	0.21	-	-	-	-	-	-
Arsi Negele.....	21,107	79.40	5,362	20.17	115	0.43	-	-	-	-	-	-
Shashemene.....	31,375	68.05	13,774	29.87	959	2.08	-	-	-	-	-	-
Seraro.....	40,937	84.92	7,030	14.58	242	0.50	-	-	-	-	-	-
Akaki.....	12,536	98.74	160	1.26	-	-	-	-	-	-	-	-
Arsi Zone	414,683	84.11	74,051	15.02	3,953	0.80	241	0.05	36	0.01	43	0.01
Merti.....	17,521	77.02	4,920	21.63	252	1.11	57	0.25	-	-	-	-
Aseko.....	13,036	90.55	1,229	8.54	131	0.91	-	-	-	-	-	-
Gololcha.....	19,629	67.27	8,369	28.68	1,032	3.54	112	0.38	36	0.12	-	-
Jezu.....	19,975	89.91	2,242	10.09	-	-	-	-	-	-	-	-
Dodotana Sire.....	21,283	92.99	1,513	6.61	91	0.40	-	-	-	-	-	-
Zeway Dugda.....	17,344	81.81	3,710	17.50	146	0.69	-	-	-	-	-	-
Hitosa.....	35,330	90.06	3,790	9.66	73	0.19	36	0.09	-	-	-	-
Sude.....	22,694	88.99	2,679	10.51	128	0.50	-	-	-	-	-	-
Chole.....	10,692	67.17	5,014	31.50	212	1.33	-	-	-	-	-	-
Amigna.....	8,286	74.14	2,605	23.31	273	2.44	12	0.11	-	-	-	-
Seru.....	13,104	71.98	4,824	26.50	254	1.40	23	0.13	-	-	-	-
Robe.....	25,279	93.41	1,783	6.59	-	-	-	-	-	-	-	-
Tena.....	18,319	88.57	2,241	10.83	124	0.60	-	-	-	-	-	-
Sherka.....	19,918	75.43	6,260	23.71	227	0.86	-	-	-	-	-	-
Digeluna Tijo.....	21,805	98.30	376	1.70	-	-	-	-	-	-	-	-
Tiyo.....	14,627	91.54	1,298	8.12	53	0.33	-	-	-	-	-	-
Munesa.....	31,192	88.69	3,935	11.19	44	0.13	-	-	-	-	-	-
Bekoji.....	32,670	90.76	3,147	8.74	178	0.49	-	-	-	-	-	-
Gedeb.....	24,063	96.84	744	2.99	40	0.16	-	-	-	-	-	-
Kofele.....	27,916	66.42	13,374	31.82	695	1.65	-	-	-	-	43	0.10
West Harerge Zone	273,399	93.84	16,392	5.63	1,526	0.52	10	0.00	29	0.01	-	-
Mieso.....	15,540	94.76	850	5.18	-	-	10	0.06	-	-	-	-
Doba.....	22,439	98.55	299	1.31	30	0.13	-	-	-	-	-	-
Tulo.....	24,186	99.41	143	0.59	-	-	-	-	-	-	-	-
Mesela.....	23,739	91.87	1,589	6.15	512	1.98	-	-	-	-	-	-
Chiro.....	61,194	98.12	1,104	1.77	70	0.11	-	-	-	-	-	-
Goba Koricha.....	18,199	90.93	1,563	7.81	223	1.11	-	-	29	0.14	-	-
Anchar.....	10,942	81.47	2,422	18.03	66	0.49	-	-	-	-	-	-
Habro.....	28,644	94.27	1,664	5.48	78	0.26	-	-	-	-	-	-
Darolebu.....	23,297	86.36	3,517	13.04	164	0.61	-	-	-	-	-	-
Boke.....	21,958	99.16	186	0.84	-	-	-	-	-	-	-	-
Kuni.....	23,263	87.12	3,056	11.45	382	1.43	-	-	-	-	-	-
East Harerge Zone	382,197	98.71	4,586	1.18	410	0.11	-	-	-	-	-	-
Kombolcha.....	20,364	98.33	346	1.67	-	-	-	-	-	-	-	-
Jarso.....	16,866	98.91	164	0.96	22	0.13	-	-	-	-	-	-
Gursum.....	25,503	99.75	64	0.25	-	-	-	-	-	-	-	-
Babile.....	10,002	97.70	214	2.09	21	0.21	-	-	-	-	-	-
Fedis.....	24,542	99.91	-	-	23	0.09	-	-	-	-	-	-
Haro Maya.....	31,309	99.70	95	0.30	-	-	-	-	-	-	-	-
Kurfa Chele.....	7,081	99.42	32	0.45	9	0.13	-	-	-	-	-	-
Kersa.....	27,189	98.00	518	1.87	38	0.14	-	-	-	-	-	-

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

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	%	
East Harerge Zone											
Meta.....	43,136	98.54	639	1.46	-	-	-	-	-	-	-
Goro Gutu.....	25,342	98.54	376	1.46	-	-	-	-	-	-	-
Deder.....	37,635	98.35	537	1.40	93	0.24	-	-	-	-	-
Malka Balo	24,626	98.78	274	1.10	30	0.12	-	-	-	-	-
Bedeno	42,979	99.13	252	0.58	125	0.29	-	-	-	-	-
Girawa	37,774	97.14	1,074	2.76	38	0.10	-	-	-	-	-
Gola Oda.....	7,850	99.86	-	-	11	0.14	-	-	-	-	-
Bale Zone	129,310	49.92	115,258	44.49	12,602	4.86	1,348	0.52	379	0.15	161 0.06
Kokosa.....	7,483	32.01	13,684	58.54	2,054	8.79	110	0.47	-	-	44 0.19
Dodola	16,160	68.33	7,083	29.95	407	1.72	-	-	-	-	-
Adaba.....	16,805	84.63	2,867	14.44	184	0.93	-	-	-	-	-
Agarfa.....	7,494	57.01	5,419	41.22	233	1.77	-	-	-	-	-
Gasera	7,661	63.38	4,225	34.95	202	1.67	-	-	-	-	-
Gololcha	8,421	56.46	6,311	42.32	182	1.22	-	-	-	-	-
Legehida.....	6,408	79.17	1,618	19.99	47	0.58	10	0.12	11	0.14	-
Ginir.....	10,538	48.67	10,659	49.23	429	1.98	-	-	27	0.12	-
Sinanana Dinsho.....	17,560	70.27	7,330	29.33	98	0.39	-	-	-	-	-
Goba	2,602	36.22	4,278	59.56	303	4.22	-	-	-	-	-
Mennana Arena Buluk	4,642	24.18	12,928	67.34	1,474	7.68	129	0.67	25	0.13	-
Nensebo.....	1,073	7.57	6,934	48.94	4,820	34.02	926	6.54	306	2.16	110 0.78
Meda Welabu	4,311	34.33	7,762	61.81	443	3.53	41	0.33	-	-	-
Berbere	3,939	38.57	5,286	51.76	881	8.63	98	0.96	9	0.09	-
Guradamole	1,030	24.76	3,024	72.69	94	2.26	12	0.29	-	-	-
Goro.....	4,322	27.12	10,997	69.02	593	3.72	22	0.14	-	-	-
Raytu	3,776	61.22	2,319	37.60	65	1.05	-	-	-	-	8 0.13
Seweyna.....	5,085	65.94	2,533	32.85	93	1.21	-	-	-	-	-
Borena Zone	89,660	31.67	105,311	37.20	62,060	21.92	16,106	5.69	6,858	2.42	3,109 1.10
Uraga	2,186	5.13	19,542	45.85	15,940	37.40	2,945	6.91	1,304	3.06	706 1.66
Bore.....	4,693	15.42	17,551	57.67	6,877	22.60	950	3.12	310	1.02	52 0.17
Adolana Wadera.....	3,147	13.91	14,398	63.66	4,073	18.01	706	3.12	240	1.06	52 0.23
Odo Shakiso	575	4.10	6,308	45.01	4,764	33.99	1,493	10.65	539	3.85	336 2.40
Hager Mariam	28,922	33.58	21,411	24.86	22,122	25.69	8,103	9.41	3,817	4.43	1,741 2.02
Yabelo	7,721	76.59	2,143	21.26	217	2.15	-	-	-	-	-
Arero.....	2,519	75.62	725	21.77	71	2.13	16	0.48	-	-	-
Liben.....	10,881	73.30	3,579	24.11	337	2.27	47	0.32	-	-	-
Moyale.....	4,625	43.08	5,227	48.69	765	7.13	119	1.11	-	-	-
Dire.....	9,244	67.38	4,105	29.92	275	2.00	95	0.69	-	-	-
Teltele.....	6,987	94.92	374	5.08	-	-	-	-	-	-	-
Gelana Abaya	8,161	29.97	9,948	36.53	6,619	24.31	1,632	5.99	647	2.38	222 0.82

Table 8.3B:- Number of Crop Holders that Owned Shovel by Geographic area. (Continued.)

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	%
Oromia Region	2,767,025	69.49	1,058,593	26.59	135,557	3.40	16,079	0.40	3,012	0.08	1,438	0.04
West Welega Zone	266,531	84.90	46,174	14.71	1,148	0.37	45	0.01	25	0.01	-	-
Mana Sibul.....	21,339	78.97	5,527	20.45	156	0.58	-	-	-	-	-	-
Nejo.....	14,874	83.02	3,042	16.98	-	-	-	-	-	-	-	-
Gimbi.....	15,103	88.34	1,947	11.39	46	0.27	-	-	-	-	-	-
Lalo Asabi.....	9,481	86.93	1,340	12.29	85	0.78	-	-	-	-	-	-
Boji	12,087	79.58	3,009	19.81	92	0.61	-	-	-	-	-	-
Ayra Guliso.....	13,924	85.05	2,386	14.57	40	0.24	-	-	21	0.13	-	-
Jarso	12,876	79.53	3,292	20.33	22	0.14	-	-	-	-	-	-
Gidami	11,414	83.70	2,195	16.10	27	0.20	-	-	-	-	-	-
Jimma Horo	5,881	85.62	977	14.22	11	0.16	-	-	-	-	-	-
Hawa Welel	14,811	85.54	2,456	14.18	48	0.28	-	-	-	-	-	-
Gawo Dale.....	19,587	82.23	4,064	17.06	169	0.71	-	-	-	-	-	-
Dale Sadi.....	9,890	88.96	1,193	10.73	34	0.31	-	-	-	-	-	-
Yubdo	4,867	86.29	737	13.07	36	0.64	-	-	-	-	-	-
Ganji	8,523	88.68	1,041	10.83	31	0.32	16	0.17	-	-	-	-
Haru	10,439	90.71	1,054	9.16	-	-	15	0.13	-	-	-	-
Nole Kaba.....	21,286	91.01	2,012	8.60	90	0.38	-	-	-	-	-	-
Lalo Kilie.....	7,030	88.99	860	10.89	10	0.13	-	-	-	-	-	-
Sayo	16,849	84.91	2,946	14.85	49	0.25	-	-	-	-	-	-
Anfilo	9,178	77.46	2,554	21.56	97	0.82	14	0.12	5	0.04	-	-
Begi.....	27,089	88.14	3,542	11.52	103	0.34	-	-	-	-	-	-
East Welega Zone.....	222,814	85.40	37,280	14.29	679	0.26	52	0.02	37	0.01	31	0.01
Limu.....	17,850	86.27	2,840	13.73	-	-	-	-	-	-	-	-
Ibantu.....	4,333	85.18	714	14.04	33	0.65	7	0.14	-	-	-	-
Gida Kiremu.....	19,308	87.10	2,832	12.78	-	-	28	0.13	-	-	-	-
Jarte.....	6,335	86.04	1,028	13.96	-	-	-	-	-	-	-	-
Amuru.....	6,656	86.01	1,061	13.71	22	0.28	-	-	-	-	-	-
Abe Dongoro.....	8,118	85.72	1,339	14.14	13	0.14	-	-	-	-	-	-
Jimma Horo	20,218	84.16	3,729	15.52	76	0.32	-	-	-	-	-	-
Abay Chomen.....	3,881	82.31	795	16.86	39	0.83	-	-	-	-	-	-
Guduru.....	18,845	87.57	2,617	12.16	58	0.27	-	-	-	-	-	-
Jimma Rare.....	6,377	82.41	1,350	17.45	11	0.14	-	-	-	-	-	-
Bila Seyo.....	11,502	85.39	1,909	14.17	59	0.44	-	-	-	-	-	-
Sibu Sire.....	12,912	84.93	2,152	14.16	84	0.55	-	-	37	0.24	18	0.12
Guto Wayu.....	23,321	81.87	5,046	17.71	120	0.42	-	-	-	-	-	-
Sasiga.....	9,272	81.72	2,033	17.92	23	0.20	18	0.16	-	-	-	-
Leka Dulecha.....	8,912	84.43	1,617	15.32	26	0.25	-	-	-	-	-	-
Diga.....	9,488	79.95	2,276	19.18	91	0.77	-	-	-	-	13	0.11
Jimma Arjo	11,989	89.92	1,344	10.08	-	-	-	-	-	-	-	-
Nunu Kumba	9,646	92.41	766	7.34	26	0.25	-	-	-	-	-	-
Wama Bonaya	13,849	88.32	1,831	11.68	-	-	-	-	-	-	-	-
Illibabor Zone.....	163,447	83.70	30,597	15.67	1,159	0.59	84	0.04	-	-	-	-
Darimu.....	20,339	91.11	1,894	8.48	91	0.41	-	-	-	-	-	-
Supena Sodo	11,453	87.17	1,666	12.68	-	-	20	0.15	-	-	-	-
Chora	16,905	86.45	2,551	13.05	75	0.38	23	0.12	-	-	-	-
Dega.....	8,885	87.18	1,295	12.71	11	0.11	-	-	-	-	-	-
Bedele.....	18,031	87.90	2,408	11.74	74	0.36	-	-	-	-	-	-
Gechi.....	9,786	89.84	1,107	10.16	-	-	-	-	-	-	-	-
Borecha Wereda	8,418	93.22	586	6.49	26	0.29	-	-	-	-	-	-
Dedesa	11,556	82.35	2,416	17.22	61	0.43	-	-	-	-	-	-
yayu.....	14,634	76.21	4,230	22.03	310	1.61	27	0.14	-	-	-	-
Metu.....	16,572	73.16	5,733	25.31	346	1.53	-	-	-	-	-	-

Table 8.3B:- Number of Crop Holders that Owned Shovel by Geographic area. (Continued.)

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	%
Illibabor Zone.....												
Ale.....	13,492	77.74	3,825	22.04	39	0.22	-	-	-	-	-	-
Bure.....	9,411	78.48	2,440	20.35	126	1.05	15	0.13	-	-	-	-
Nono.....	3,964	89.87	447	10.13	-	-	-	-	-	-	-	-
Jimma Zone	384,268	86.68	57,289	12.92	1,425	0.32	239	0.05	-	-	94	0.02
Limu Seka.....	27,720	94.79	1,525	5.21	-	-	-	-	-	-	-	-
Limu Kosa.....	40,378	87.93	5,493	11.96	-	-	50	0.11	-	-	-	-
Sokoru.....	21,489	83.99	3,992	15.60	105	0.41	-	-	-	-	-	-
Tiro Afeta.....	21,053	87.23	2,962	12.27	90	0.37	30	0.12	-	-	-	-
Kersa	25,475	86.43	3,881	13.17	118	0.40	-	-	-	-	-	-
Mana.....	23,243	83.56	4,464	16.05	109	0.39	-	-	-	-	-	-
Goma.....	40,435	81.65	8,903	17.98	185	0.37	-	-	-	-	-	-
Gera.....	17,708	85.12	2,971	14.28	98	0.47	-	-	-	-	26	0.12
Seka chekorsa.....	49,856	88.36	6,146	10.89	279	0.49	73	0.13	-	-	68	0.12
Dedo.....	44,911	83.11	8,822	16.33	242	0.45	60	0.11	-	-	-	-
Omonada.....	40,540	88.18	5,272	11.47	134	0.29	26	0.06	-	-	-	-
Sigmo	14,863	92.13	1,269	7.87	-	-	-	-	-	-	-	-
Setema.....	16,594	90.93	1,589	8.71	66	0.36	-	-	-	-	-	-
West Shewa Zone	397,061	79.00	103,070	20.51	2,344	0.47	72	0.01	23	0.00	21	0.00
Ginde Beret	28,807	85.66	4,646	13.82	177	0.53	-	-	-	-	-	-
Jeldu	28,801	85.46	4,811	14.28	89	0.26	-	-	-	-	-	-
Ambo.....	29,835	74.36	10,057	25.07	230	0.57	-	-	-	-	-	-
Cheliya.....	31,215	84.34	5,661	15.30	135	0.36	-	-	-	-	-	-
Bako Tibe.....	15,730	81.13	3,490	18.00	148	0.76	-	-	-	-	21	0.11
Dano	13,867	89.21	1,601	10.30	76	0.49	-	-	-	-	-	-
Nono.....	18,322	79.18	4,687	20.25	131	0.57	-	-	-	-	-	-
Tikur.....	8,217	65.23	4,317	34.27	62	0.49	-	-	-	-	-	-
Amaya.....	18,015	82.10	3,873	17.65	55	0.25	-	-	-	-	-	-
Wonchi.....	10,705	61.51	6,637	38.13	63	0.36	-	-	-	-	-	-
Dendi.....	29,507	79.52	7,599	20.48	-	-	-	-	-	-	-	-
Ejerie	12,509	82.19	2,710	17.81	-	-	-	-	-	-	-	-
Adda Berga	16,321	84.56	2,981	15.44	-	-	-	-	-	-	-	-
Walmara.....	12,088	70.80	4,885	28.61	100	0.59	-	-	-	-	-	-
Alem Gana	15,382	74.64	4,911	23.83	288	1.40	26	0.13	-	-	-	-
Kersana Kondaltiti.....	17,029	77.23	4,934	22.38	88	0.40	-	-	-	-	-	-
Tole	9,186	88.32	1,215	11.68	-	-	-	-	-	-	-	-
Elu.....	8,937	86.31	1,405	13.57	12	0.12	-	-	-	-	-	-
Dawo	11,830	90.53	1,238	9.47	-	-	-	-	-	-	-	-
Walisona Goro.....	22,138	62.13	12,968	36.39	481	1.35	46	0.13	-	-	-	-
Becho	9,492	84.04	1,733	15.34	69	0.61	-	-	-	-	-	-
Kokir	8,426	68.16	3,827	30.96	86	0.70	-	-	23	0.19	-	-
Meta Robi.....	20,701	87.57	2,883	12.20	55	0.23	-	-	-	-	-	-
North Shewa(Oromia) Zone	191,927	80.98	43,932	18.54	1,074	0.45	64	0.03	-	-	14	0.01
Wara Jarso.....	22,657	90.60	2,173	8.69	145	0.58	34	0.14	-	-	-	-
Dera.....	32,222	91.97	2,691	7.68	122	0.35	-	-	-	-	-	-
Hidabu Abote.....	15,040	94.69	826	5.20	18	0.11	-	-	-	-	-	-
Kuyu.....	18,749	93.33	1,341	6.67	-	-	-	-	-	-	-	-
Degem.....	15,602	86.99	2,310	12.88	24	0.13	-	-	-	-	-	-
Gerar Jarso	10,139	77.03	2,978	22.62	32	0.24	-	-	-	-	14	0.11
Yaya Gulelena Debre.....	13,920	84.03	2,554	15.42	92	0.56	-	-	-	-	-	-
Wuchalena Jido.....	16,366	74.33	5,590	25.39	61	0.28	-	-	-	-	-	-
Abichuna Gna'a.....	8,723	73.50	3,070	25.87	75	0.63	-	-	-	-	-	-
Kembibit	7,130	65.65	3,599	33.14	101	0.93	30	0.28	-	-	-	-
Berehna Aleltu.....	16,350	66.00	8,195	33.08	229	0.92	-	-	-	-	-	-
Mulona Sululta.....	15,030	63.12	8,606	36.14	174	0.73	-	-	-	-	-	-

Table 8.3B:- Number of Crop Holders that Owned Shovel by Geographic area. (Continued.)

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	%
East Shewa Zone	250,237	79.45	61,315	19.47	3,121	0.99	266	0.08	27	0.01	-	-
Fentale.....	5,156	77.22	1,230	18.42	229	3.43	62	0.93	-	-	-	-
Boset.....	19,431	78.23	5,217	21.00	166	0.67	23	0.09	-	-	-	-
Adama.....	17,466	64.91	8,862	32.94	555	2.06	23	0.09	-	-	-	-
Lome.....	7,893	54.20	6,441	44.23	212	1.46	18	0.12	-	-	-	-
Gimbichu.....	11,756	75.51	3,744	24.05	69	0.44	-	-	-	-	-	-
Ada'a Liben Chukala.....	29,469	73.35	10,172	25.32	535	1.33	-	-	-	-	-	-
Dugda Bora.....	23,585	81.77	5,001	17.34	198	0.69	33	0.11	27	0.09	-	-
Adami Tullu Jido.....	19,502	81.96	3,958	16.63	278	1.17	56	0.24	-	-	-	-
Arsi Negele.....	23,162	87.13	3,316	12.47	106	0.40	-	-	-	-	-	-
Shashemene.....	40,450	87.73	5,283	11.46	324	0.70	51	0.11	-	-	-	-
Seraro.....	43,435	90.10	4,476	9.28	298	0.62	-	-	-	-	-	-
Akaki.....	8,930	70.34	3,617	28.49	149	1.17	-	-	-	-	-	-
Arsi Zone	383,299	77.75	100,165	20.32	8,358	1.70	983	0.20	36	0.01	166	0.03
Merti	14,169	62.28	6,889	30.28	1,292	5.68	303	1.33	-	-	97	0.43
Aseko.....	7,541	52.38	5,533	38.43	1,063	7.38	202	1.40	36	0.25	21	0.15
Gololcha.....	6,168	21.14	19,445	66.64	3,240	11.10	325	1.11	-	-	-	-
Jezu.....	17,430	78.45	4,437	19.97	326	1.47	-	-	-	-	24	0.11
Dodotana Sire.....	18,700	81.71	4,042	17.66	120	0.52	25	0.11	-	-	-	-
Zeway Dugda.....	17,523	82.66	3,490	16.46	162	0.76	-	-	-	-	25	0.12
Hitosa.....	30,907	78.79	7,785	19.85	494	1.26	43	0.11	-	-	-	-
Sude.....	24,109	94.54	1,344	5.27	48	0.19	-	-	-	-	-	-
Chole.....	11,180	70.23	4,521	28.40	202	1.27	15	0.09	-	-	-	-
Amigna.....	9,081	81.25	1,920	17.18	137	1.23	38	0.34	-	-	-	-
Seru.....	15,530	85.31	2,451	13.46	224	1.23	-	-	-	-	-	-
Robe.....	25,664	94.83	1,269	4.69	129	0.48	-	-	-	-	-	-
Tena.....	18,199	87.99	2,356	11.39	129	0.62	-	-	-	-	-	-
Sherka.....	23,822	90.22	2,439	9.24	112	0.42	32	0.12	-	-	-	-
Digeluna Tijo.....	18,054	81.39	4,069	18.34	58	0.26	-	-	-	-	-	-
Tiyo.....	12,180	76.23	3,719	23.28	79	0.49	-	-	-	-	-	-
Munesa.....	30,246	86.00	4,806	13.66	119	0.34	-	-	-	-	-	-
Bekoji.....	29,636	82.33	6,282	17.45	77	0.21	-	-	-	-	-	-
Gedeb.....	18,617	74.93	6,129	24.67	101	0.41	-	-	-	-	-	-
Kofele.....	34,542	82.19	7,241	17.23	245	0.58	-	-	-	-	-	-
West Harerge Zone	40,718	13.98	196,051	67.29	46,802	16.06	5,849	2.01	1,424	0.49	512	0.18
Mieso.....	6,821	41.59	8,646	52.72	814	4.96	119	0.73	-	-	-	-
Doba.....	1,871	8.22	15,279	67.11	4,654	20.44	682	3.00	121	0.53	161	0.71
Tulo.....	2,001	8.22	17,982	73.91	3,787	15.57	489	2.01	36	0.15	34	0.14
Mesela.....	2,270	8.78	16,494	63.83	6,121	23.69	685	2.65	205	0.79	65	0.25
Chiro.....	6,909	11.08	42,728	68.51	11,238	18.02	938	1.50	555	0.89	-	-
Goba Koricha.....	3,735	18.66	12,171	60.81	3,398	16.98	560	2.80	150	0.75	-	-
Anchar.....	4,957	36.91	7,144	53.19	1,051	7.83	236	1.76	12	0.09	30	0.22
Habro.....	3,231	10.63	20,289	66.77	5,447	17.93	1,076	3.54	236	0.78	107	0.35
Darolebu.....	3,302	12.24	20,448	75.80	2,747	10.18	402	1.49	-	-	79	0.29
Boke.....	3,507	15.84	15,968	72.11	2,310	10.43	307	1.39	52	0.23	-	-
Kuni.....	2,116	7.92	18,902	70.79	5,234	19.60	355	1.33	57	0.21	37	0.14
East Harerge Zone	46,583	12.03	271,875	70.22	59,441	15.35	7,366	1.90	1,375	0.36	553	0.14
Kombolcha.....	998	4.82	14,512	70.07	4,311	20.82	729	3.52	47	0.23	113	0.55
Jarso.....	2,065	12.11	11,325	66.41	2,890	16.95	576	3.38	136	0.80	60	0.35
Gursum.....	2,383	9.32	18,284	71.51	4,105	16.06	619	2.42	131	0.51	45	0.18
Babile.....	2,846	27.80	5,515	53.87	1,568	15.32	295	2.88	13	0.13	-	-
Fedis.....	3,213	13.08	16,636	67.72	3,898	15.87	613	2.50	103	0.42	102	0.42
Haro Maya.....	993	3.16	18,674	59.46	9,194	29.28	1,822	5.80	620	1.97	101	0.32
Kurfa Chele.....	1,595	22.40	5,058	71.02	429	6.02	20	0.28	20	0.28	-	-
Kersa.....	2,070	7.46	21,224	76.50	3,943	14.21	389	1.40	89	0.32	30	0.11

Table 8.3B:- Number of Crop Holders that Owned Shovel by Geographic area. (Continued.)

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	%
East Harerge Zone												
Meta	7,893	18.03	31,530	72.03	4,104	9.38	195	0.45	53	0.12	-	-
Goro Gutu	3,281	12.76	15,728	61.16	6,121	23.80	417	1.62	69	0.27	102	0.40
Deder	3,043	7.95	29,445	76.95	5,322	13.91	455	1.19	-	-	-	-
Malka Balo	2,102	8.43	17,800	71.40	4,384	17.59	587	2.35	57	0.23	-	-
Bedeno	6,151	14.19	31,180	71.92	5,609	12.94	416	0.96	-	-	-	-
Girawa	6,441	16.56	29,501	75.87	2,770	7.12	174	0.45	-	-	-	-
Gola Oda	1,509	19.20	5,463	69.49	794	10.10	59	0.75	36	0.46	-	-
Bale Zone	203,578	78.58	50,370	19.44	4,578	1.77	494	0.19	38	0.01	-	-
Kokosa	21,939	93.86	1,404	6.01	32	0.14	-	-	-	-	-	-
Dodola	19,793	83.69	3,808	16.10	49	0.21	-	-	-	-	-	-
Adaba	17,583	88.55	2,168	10.92	105	0.53	-	-	-	-	-	-
Agarfa	10,755	81.81	2,195	16.70	180	1.37	16	0.12	-	-	-	-
Gasera	8,913	73.73	2,851	23.59	324	2.68	-	-	-	-	-	-
Gololcha	7,071	47.41	6,716	45.03	1,020	6.84	107	0.72	-	-	-	-
Legehida	6,242	77.12	1,623	20.05	205	2.53	24	0.30	-	-	-	-
Ginir	13,175	60.85	7,726	35.68	620	2.86	132	0.61	-	-	-	-
Sinanana Dinsho	21,688	86.79	3,236	12.95	35	0.14	29	0.12	-	-	-	-
Goba	6,288	87.54	875	12.18	20	0.28	-	-	-	-	-	-
Mennana Arena Buluk	15,273	79.56	3,383	17.62	482	2.51	30	0.16	30	0.16	-	-
Nensebo	13,263	93.61	862	6.08	12	0.08	32	0.23	-	-	-	-
Meda Welabu	10,260	81.71	2,210	17.60	53	0.42	34	0.27	-	-	-	-
Berbere	8,179	80.08	1,734	16.98	300	2.94	-	-	-	-	-	-
Guradamole	3,997	96.08	134	3.22	29	0.70	-	-	-	-	-	-
Goro	14,423	90.52	1,489	9.34	22	0.14	-	-	-	-	-	-
Raytu	1,860	30.16	3,575	57.96	668	10.83	56	0.91	9	0.15	-	-
Seweyna	2,874	37.27	4,379	56.79	422	5.47	36	0.47	-	-	-	-
Borena Zone	216,563	76.50	60,475	21.36	5,428	1.92	564	0.20	27	0.01	47	0.02
Uraga	35,852	84.11	6,561	15.39	210	0.49	-	-	-	-	-	-
Bore	25,758	84.64	4,280	14.06	379	1.25	16	0.05	-	-	-	-
Adolana Wadera	14,453	63.91	7,587	33.55	535	2.37	41	0.18	-	-	-	-
Odo Shakiso	8,811	62.87	4,842	34.55	312	2.23	30	0.21	20	0.14	-	-
Hager Mariam	69,958	81.24	14,445	16.77	1,522	1.77	191	0.22	-	-	-	-
Yabelo	6,247	61.97	3,282	32.56	531	5.27	21	0.21	-	-	-	-
Arero	2,000	60.04	1,064	31.94	242	7.27	11	0.33	7	0.21	7	0.21
Liben	9,876	66.53	4,750	32.00	162	1.09	56	0.38	-	-	-	-
Moyale	5,608	52.24	4,291	39.97	713	6.64	124	1.15	-	-	-	-
Dire	9,120	66.48	3,975	28.97	583	4.25	41	0.30	-	-	-	-
Teltele	6,494	88.22	846	11.49	21	0.29	-	-	-	-	-	-
Gelana Abaya	22,385	82.21	4,551	16.71	218	0.80	35	0.13	-	-	40	0.15

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	%
East Harerge Zone												
Meta	7,199	16.45	25,698	58.70	9,774	22.33	709	1.62	334	0.76	61	0.14
Goro Gutu	4,609	17.92	19,480	75.74	1,554	6.04	75	0.29	-	-	-	-
Deder	10,988	28.72	24,674	64.48	2,550	6.66	53	0.14	-	-	-	-
Malka Balo	4,555	18.27	17,908	71.83	2,359	9.46	108	0.43	-	-	-	-
Bedeno	7,767	17.91	26,829	61.88	7,879	18.17	819	1.89	62	0.14	-	-
Girawa	4,326	11.12	23,567	60.61	9,601	24.69	1,226	3.15	166	0.43	-	-
Gola Oda	1,740	22.13	5,427	69.04	634	8.07	33	0.42	27	0.34	-	-
Bale Zone	181,835	70.19	69,924	26.99	6,340	2.45	755	0.29	120	0.05	84	0.03
Kokosa	9,067	38.79	11,265	48.19	2,545	10.89	375	1.60	62	0.27	61	0.26
Dodola	12,536	53.01	9,930	41.99	1,084	4.58	100	0.42	-	-	-	-
Adaba	14,675	73.91	4,978	25.07	203	1.02	-	-	-	-	-	-
Agarfa	9,008	68.52	3,960	30.12	178	1.35	-	-	-	-	-	-
Gasera	7,562	62.56	4,381	36.24	124	1.03	21	0.17	-	-	-	-
Gololcha	10,254	68.75	4,425	29.67	235	1.58	-	-	-	-	-	-
Leghida	5,622	69.46	2,428	30.00	44	0.54	-	-	-	-	-	-
Ginir	18,824	86.93	2,649	12.23	153	0.71	27	0.12	-	-	-	-
Sinanana Dinsho	15,462	61.88	9,359	37.45	132	0.53	-	-	35	0.14	-	-
Goba	5,179	72.10	1,922	26.76	74	1.03	8	0.11	-	-	-	-
Mennana Arena Buluk	16,568	86.30	2,530	13.18	100	0.52	-	-	-	-	-	-
Nensebo	7,861	55.48	5,258	37.11	818	5.77	187	1.32	23	0.16	22	0.16
Meda Welabu	10,384	82.69	1,980	15.77	193	1.54	-	-	-	-	-	-
Berbere	8,674	84.93	1,313	12.86	209	2.05	17	0.17	-	-	-	-
Guradamole	3,960	95.19	200	4.81	-	-	-	-	-	-	-	-
Goro	13,774	86.44	1,942	12.19	198	1.24	20	0.13	-	-	-	-
Raytu	5,737	93.01	415	6.73	16	0.26	-	-	-	-	-	-
Seweyna	6,686	86.71	990	12.84	35	0.45	-	-	-	-	-	-
Borena Zone	200,194	70.71	60,573	21.40	15,885	5.61	3,810	1.35	1,132	0.40	1,510	0.53
Uraga	32,924	77.24	8,197	19.23	1,235	2.90	216	0.51	51	0.12	-	-
Bore	22,324	73.35	5,384	17.69	2,225	7.31	355	1.17	37	0.12	108	0.35
Adolana Wadera	11,667	51.59	9,202	40.69	1,408	6.23	309	1.37	30	0.13	-	-
Odo Shakiso	6,511	46.46	5,426	38.72	1,687	12.04	263	1.88	80	0.57	48	0.34
Hager Mariam	56,775	65.93	18,915	21.96	6,295	7.31	2,145	2.49	839	0.97	1,147	1.33
Yabelo	6,899	68.44	2,364	23.45	673	6.68	80	0.79	15	0.15	50	0.50
Arero	2,890	86.76	353	10.60	88	2.64	-	-	-	-	-	-
Liben	13,957	94.02	842	5.67	25	0.17	-	-	-	-	20	0.13
Moyale	8,066	75.13	1,887	17.58	566	5.27	96	0.89	-	-	121	1.13
Dire	10,830	78.94	2,668	19.45	131	0.95	66	0.48	24	0.17	-	-
Teltele	4,891	66.44	2,054	27.90	290	3.94	87	1.18	23	0.31	16	0.22
Gelana Abaya	22,463	82.50	3,281	12.05	1,261	4.63	192	0.71	32	0.12	-	-

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

Geographic area	Number of Crop holders that owned											
	No 'Mekesksha'		One 'Mekesksha'		Two 'Mekeskshas'		Three 'Mekeskshas'		Four 'Mekeskshas'		Five and above 'Mekeskshas'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Oromia Region	3,772,000	94.73	143,579	3.61	48,797	1.23	10,745	0.27	4,829	0.12	1,754	0.04
West Welega Zone.....	289,904	92.35	16,356	5.21	5,482	1.75	882	0.28	1,012	0.32	287	0.09
Mana Sibu.....	23,138	85.63	1,931	7.15	1,542	5.71	147	0.54	173	0.64	91	0.34
Nejo.....	17,613	98.31	256	1.43	47	0.26	-	-	-	-	-	-
Gimbi.....	14,703	86.00	1,865	10.91	318	1.86	168	0.98	-	-	42	0.25
Lalo Asabi.....	9,668	88.65	986	9.04	214	1.96	24	0.22	14	0.13	-	-
Boji	13,792	90.81	1,230	8.10	151	0.99	-	-	15	0.10	-	-
Ayra Guliso.....	15,777	96.37	471	2.88	106	0.65	17	0.10	-	-	-	-
Jarso	16,072	99.27	98	0.61	-	-	20	0.12	-	-	-	-
Gidami	13,585	99.63	51	0.37	-	-	-	-	-	-	-	-
Jimma Horo	6,670	97.10	199	2.90	-	-	-	-	-	-	-	-
Hawa Welel.....	14,525	83.89	1,581	9.13	1,000	5.78	139	0.80	26	0.15	44	0.25
Gawo Dale	20,779	87.23	1,848	7.76	412	1.73	100	0.42	650	2.73	31	0.13
Dale Sadi.....	10,098	90.83	691	6.22	269	2.42	44	0.40	15	0.13	-	-
Yubdo	5,448	96.60	170	3.01	22	0.39	-	-	-	-	-	-
Ganji	9,209	95.82	362	3.77	40	0.42	-	-	-	-	-	-
Haru	10,287	89.39	963	8.37	186	1.62	31	0.27	13	0.11	28	0.24
Nole Kaba.....	21,887	93.58	909	3.89	515	2.20	-	-	77	0.33	-	-
Lalo Kilie.....	7,495	94.87	348	4.41	57	0.72	-	-	-	-	-	-
Sayo	18,136	91.39	876	4.41	559	2.82	193	0.97	28	0.14	52	0.26
Anfilo.....	11,629	98.15	208	1.76	11	0.09	-	-	-	-	-	-
Begi	29,387	95.62	1,313	4.27	34	0.11	-	-	-	-	-	-
East Welega Zone.....	244,990	93.90	8,467	3.25	5,193	1.99	1,406	0.54	656	0.25	181	0.07
Limu.....	20,597	99.55	62	0.30	31	0.15	-	-	-	-	-	-
Ibantu.....	5,073	99.72	7	0.14	7	0.14	-	-	-	-	-	-
Gida Kiremu.....	21,966	99.09	166	0.75	36	0.16	-	-	-	-	-	-
Jarte.....	7,304	99.20	50	0.68	-	-	9	0.12	-	-	-	-
Amuru.....	7,441	96.15	269	3.48	20	0.26	9	0.12	-	-	-	-
Abe Dongoro	9,348	98.71	103	1.09	19	0.20	-	-	-	-	-	-
Jimma Horo	22,450	93.45	698	2.91	538	2.24	153	0.64	184	0.77	-	-
Abay Chomen.....	4,326	91.75	232	4.92	148	3.14	9	0.19	-	-	-	-
Guduru.....	21,278	98.88	86	0.40	96	0.45	60	0.28	-	-	-	-
Jimma Rare.....	7,618	98.45	76	0.98	33	0.43	11	0.14	-	-	-	-
Bila Seyo.....	13,141	97.56	214	1.59	58	0.43	38	0.28	19	0.14	-	-
Sibu Sire	15,030	98.86	100	0.66	50	0.33	-	-	23	0.15	-	-
Guto Wayu.....	26,198	91.96	2,127	7.47	108	0.38	25	0.09	-	-	29	0.10
Sasiga.....	11,023	97.15	279	2.46	44	0.39	-	-	-	-	-	-
Leka Dulecha.....	9,561	90.58	683	6.47	224	2.12	63	0.60	12	0.11	12	0.11
Diga.....	11,742	98.94	113	0.95	13	0.11	-	-	-	-	-	-
Jimma Arjo	12,435	93.26	748	5.61	134	1.01	16	0.12	-	-	-	-
Nunu Kumba.....	5,796	55.53	1,515	14.51	2,121	20.32	667	6.39	287	2.75	52	0.50
Wama Bonaya.....	12,662	80.75	940	5.99	1,514	9.66	345	2.20	131	0.84	88	0.56
Illibabor Zone	189,709	97.14	4,485	2.30	964	0.49	117	0.06	12	0.01	-	-
Darimu	22,238	99.61	86	0.39	-	-	-	-	-	-	-	-
Supena Sodo.....	12,697	96.64	359	2.73	83	0.63	-	-	-	-	-	-
Chora.....	19,424	99.34	130	0.66	-	-	-	-	-	-	-	-
Dega.....	9,521	93.43	611	6.00	59	0.58	-	-	-	-	-	-
Bedele	19,371	94.43	863	4.21	279	1.36	-	-	-	-	-	-
Gechi	10,311	94.66	417	3.83	165	1.51	-	-	-	-	-	-
Borecha Wereda	8,450	93.58	294	3.26	183	2.03	91	1.01	12	0.13	-	-
Dedesa.....	13,685	97.52	312	2.22	36	0.26	-	-	-	-	-	-
yayu.....	18,934	98.61	267	1.39	-	-	-	-	-	-	-	-
Metu.....	22,097	97.55	387	1.71	141	0.62	26	0.11	-	-	-	-

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

Geographic area	Number of Crop holders that owned											
	No 'Meakeskesha'		One 'Meakeskesha'		Two 'Meakeskeshas'		Three 'Meakeskeshas'		Four 'Meakeskeshas'		Five and above 'Meakeskeshas'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Illibabor Zone												
Ale.....	16,991	97.90	365	2.10	-	-	-	-	-	-	-	-
Bure.....	11,595	96.69	381	3.18	16	0.13	-	-	-	-	-	-
Nono	4,400	99.75	11	0.25	-	-	-	-	-	-	-	-
Jimma Zone	386,560	87.20	39,471	8.90	12,921	2.91	3,255	0.73	705	0.16	403	0.09
Limu Seka	25,585	87.49	1,303	4.46	1,805	6.17	441	1.51	78	0.27	33	0.11
Limu Kosa	42,216	91.93	3,290	7.16	415	0.90	-	-	-	-	-	-
Sokoru.....	16,846	65.84	4,990	19.50	2,421	9.46	921	3.60	352	1.38	56	0.22
Tiro Afeta	18,994	78.70	4,123	17.08	872	3.61	115	0.48	31	0.13	-	-
Kersa	24,184	82.05	3,955	13.42	975	3.31	318	1.08	42	0.14	-	-
Mana	26,582	95.56	1,087	3.91	111	0.40	36	0.13	-	-	-	-
Goma.....	44,321	89.50	4,621	9.33	581	1.17	-	-	-	-	-	-
Gera.....	18,520	89.03	1,783	8.57	479	2.30	21	0.10	-	-	-	-
Seka chekorsa	53,276	94.42	2,337	4.14	477	0.85	133	0.24	133	0.24	66	0.12
Dedo.....	46,381	85.84	5,730	10.60	1,391	2.57	423	0.78	-	-	110	0.20
Omonada.....	35,931	78.16	5,633	12.25	3,367	7.32	835	1.82	69	0.15	137	0.30
Sigmo.....	15,926	98.72	206	1.28	-	-	-	-	-	-	-	-
Setema.....	17,794	97.51	413	2.26	28	0.15	14	0.08	-	-	-	-
West Shewa Zone	436,408	86.83	40,330	8.02	18,753	3.73	4,481	0.89	1,853	0.37	766	0.15
Ginde Beret.....	31,882	94.80	678	2.02	669	1.99	179	0.53	178	0.53	44	0.13
Jeldu.....	26,846	79.66	4,527	13.43	1,583	4.70	385	1.14	199	0.59	161	0.48
Ambo	34,292	85.47	3,300	8.22	1,366	3.40	695	1.73	375	0.93	94	0.23
Cheliya.....	34,369	92.86	1,716	4.64	739	2.00	140	0.38	47	0.13	-	-
Bako Tibe	19,270	99.39	71	0.37	48	0.25	-	-	-	-	-	-
Dano.....	11,169	71.85	2,048	13.18	1,658	10.67	457	2.94	161	1.04	51	0.33
Nono	20,116	86.93	1,381	5.97	1,179	5.10	345	1.49	119	0.51	-	-
Tikur	11,117	88.26	1,273	10.11	188	1.49	-	-	18	0.14	-	-
Amaya.....	15,818	72.09	3,288	14.98	2,146	9.78	496	2.26	136	0.62	59	0.27
Wonchi.....	9,890	56.82	4,013	23.06	2,476	14.23	604	3.47	314	1.80	108	0.62
Dendi.....	29,832	80.40	3,896	10.50	2,485	6.70	590	1.59	154	0.42	149	0.40
Ejerie.....	15,067	99.00	152	1.00	-	-	-	-	-	-	-	-
Adda Berga.....	18,928	98.06	310	1.61	21	0.11	43	0.22	-	-	-	-
Walmara.....	16,214	94.97	774	4.53	85	0.50	-	-	-	-	-	-
Alem Gana.....	19,205	93.20	1,051	5.10	299	1.45	52	0.25	-	-	-	-
Kersana Kondaltiti.....	17,695	80.25	2,844	12.90	1,324	6.00	106	0.48	53	0.24	29	0.13
Tole	9,169	88.15	1,045	10.05	187	1.80	-	-	-	-	-	-
Elu.....	9,930	95.90	361	3.49	63	0.61	-	-	-	-	-	-
Dawo.....	12,271	93.90	676	5.17	52	0.40	69	0.53	-	-	-	-
Walisona Goro.....	29,216	81.99	4,470	12.54	1,681	4.72	179	0.50	44	0.12	43	0.12
Becho	9,652	85.46	1,117	9.89	316	2.80	125	1.11	56	0.50	28	0.25
Kokir.....	11,315	91.53	916	7.41	115	0.93	16	0.13	-	-	-	-
Meta Robi	23,142	97.90	425	1.80	72	0.30	-	-	-	-	-	-
North Shewa(Oromia) Zone.....	228,662	96.48	6,720	2.84	1,388	0.59	178	0.08	63	0.03	-	-
Wara Jarso	23,857	95.39	653	2.61	384	1.54	68	0.27	47	0.19	-	-
Dera.....	34,631	98.85	310	0.88	94	0.27	-	-	-	-	-	-
Hidabu Abote.....	15,884	100.00	-	-	-	-	-	-	-	-	-	-
Kuyu	18,800	93.58	1,002	4.99	260	1.29	28	0.14	-	-	-	-
Degem.....	17,815	99.33	44	0.25	77	0.43	-	-	-	-	-	-
Gerar Jarso	12,997	98.74	150	1.14	16	0.12	-	-	-	-	-	-
Yaya Gulelana Debre	16,142	97.44	348	2.10	38	0.23	38	0.23	-	-	-	-
Wuchalena Jido.....	21,423	97.30	511	2.32	83	0.38	-	-	-	-	-	-
Abichuna Gna'a	10,045	84.64	1,518	12.79	245	2.06	44	0.37	16	0.13	-	-
Kembibit	9,904	91.20	941	8.66	15	0.14	-	-	-	-	-	-
Berehna Aleltu.....	24,018	96.95	668	2.70	88	0.36	-	-	-	-	-	-
Mulona Sululta	23,146	97.21	575	2.41	89	0.37	-	-	-	-	-	-

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

Geographic area	Number of Crop holders that owned											
	No 'Meekesha'		One 'Meekesha'		Two 'Meekeshas'		Three 'Meekeshas'		Four 'Meekeshas'		Five and above 'Meekeshas'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
East Shewa Zone	311,474	98.89	3,116	0.99	177	0.06	56	0.02	48	0.02	95	0.03
Fentale.....	6,566	98.34	92	1.38	-	-	19	0.28	-	-	-	-
Boset	24,702	99.46	135	0.54	-	-	-	-	-	-	-	-
Adama.....	26,862	99.84	44	0.16	-	-	-	-	-	-	-	-
Lome.....	14,514	99.66	35	0.24	15	0.10	-	-	-	-	-	-
Gimbichu	15,511	99.63	39	0.25	19	0.12	-	-	-	-	-	-
Ada'a Liben Chukala	40,176	100.00	-	-	-	-	-	-	-	-	-	-
Dugda Bora.....	28,349	98.28	462	1.60	-	-	-	-	-	-	33	0.11
Adami Tullu Jido Kombolcha	23,434	98.49	360	1.51	-	-	-	-	-	-	-	-
Arsi Negele.....	26,429	99.42	155	0.58	-	-	-	-	-	-	-	-
Shashemene	45,146	97.91	709	1.54	143	0.31	-	-	48	0.10	62	0.13
Seraro.....	47,116	97.73	1,056	2.19	-	-	37	0.08	-	-	-	-
Akaki.....	12,666	99.76	30	0.24	-	-	-	-	-	-	-	-
Arsi Zone	489,560	99.30	3,346	0.68	89	0.02	12	0.00	-	-	-	-
Merti	22,696	99.76	33	0.15	21	0.09	-	-	-	-	-	-
Aseko.....	14,372	99.83	24	0.17	-	-	-	-	-	-	-	-
Gololcha.....	29,112	99.77	66	0.23	-	-	-	-	-	-	-	-
Jezu.....	22,166	99.77	51	0.23	-	-	-	-	-	-	-	-
Dodotana Sire	22,781	99.54	106	0.46	-	-	-	-	-	-	-	-
Zeway Dugda.....	21,175	99.88	25	0.12	-	-	-	-	-	-	-	-
Hitosa.....	39,144	99.78	85	0.22	-	-	-	-	-	-	-	-
Sude	25,440	99.76	61	0.24	-	-	-	-	-	-	-	-
Chole.....	15,872	99.71	46	0.29	-	-	-	-	-	-	-	-
Amigna	11,116	99.46	48	0.43	-	-	12	0.11	-	-	-	-
Seru.....	18,157	99.74	48	0.26	-	-	-	-	-	-	-	-
Robe.....	26,932	99.52	130	0.48	-	-	-	-	-	-	-	-
Tena	20,633	99.75	51	0.25	-	-	-	-	-	-	-	-
Sherka	26,006	98.49	399	1.51	-	-	-	-	-	-	-	-
Digeluna Tijo.....	22,150	99.86	31	0.14	-	-	-	-	-	-	-	-
Tiyo.....	15,901	99.52	77	0.48	-	-	-	-	-	-	-	-
Munesa.....	35,086	99.76	85	0.24	-	-	-	-	-	-	-	-
Bekoji.....	35,906	99.75	89	0.25	-	-	-	-	-	-	-	-
Gedeb.....	24,786	99.75	61	0.25	-	-	-	-	-	-	-	-
Kofele	40,131	95.49	1,829	4.35	68	0.16	-	-	-	-	-	-
West Harerge Zone	287,101	98.54	3,594	1.23	607	0.21	54	0.02	-	-	-	-
Mieso	16,371	99.82	29	0.18	-	-	-	-	-	-	-	-
Doba.....	21,772	95.63	558	2.45	404	1.77	34	0.15	-	-	-	-
Tulo.....	23,669	97.29	660	2.71	-	-	-	-	-	-	-	-
Mesela.....	25,279	97.83	439	1.70	122	0.47	-	-	-	-	-	-
Chiro	62,002	99.41	366	0.59	-	-	-	-	-	-	-	-
Goba Koricha.....	19,400	96.93	566	2.83	48	0.24	-	-	-	-	-	-
Anchar.....	13,010	96.87	420	3.13	-	-	-	-	-	-	-	-
Habro	30,175	99.31	211	0.69	-	-	-	-	-	-	-	-
Darolebu	26,777	99.25	201	0.75	-	-	-	-	-	-	-	-
Boke.....	22,063	99.63	61	0.28	-	-	20	0.09	-	-	-	-
Kuni	26,586	99.57	82	0.31	33	0.12	-	-	-	-	-	-
East Harerge Zone	379,655	98.05	6,832	1.76	531	0.14	113	0.03	62	0.02	-	-
Kombolcha.....	20,625	99.59	85	0.41	-	-	-	-	-	-	-	-
Jarso	14,679	86.08	1,858	10.90	360	2.11	113	0.66	42	0.25	-	-
Gursum	24,660	96.45	824	3.22	83	0.32	-	-	-	-	-	-
Babile.....	10,057	98.24	160	1.56	-	-	-	-	20	0.20	-	-
Fedis.....	24,565	100.00	-	-	-	-	-	-	-	-	-	-
Haro Maya	31,307	99.69	97	0.31	-	-	-	-	-	-	-	-
Kurfa Chele.....	7,113	99.87	9	0.13	-	-	-	-	-	-	-	-
Kersa	27,687	99.79	58	0.21	-	-	-	-	-	-	-	-

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

Geographic area	Number of Crop holders that owned											
	No 'Mekeskesha'		One 'Mekeskesha'		Two 'Mekeskeshas'		Three 'Mekeskeshas'		Four 'Mekeskeshas'		Five and above 'Mekeskeshas'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
East Harerge Zone.....												
Meta	40,361	92.20	3,326	7.60	88	0.20	-	-	-	-	-	-
Goro Gutu	25,690	99.89	28	0.11	-	-	-	-	-	-	-	-
Deder.....	38,219	99.88	46	0.12	-	-	-	-	-	-	-	-
Malka Balo	24,898	99.87	32	0.13	-	-	-	-	-	-	-	-
Bedeno	43,132	99.48	224	0.52	-	-	-	-	-	-	-	-
Girawa	38,886	100.00	-	-	-	-	-	-	-	-	-	-
Gola Oda.....	7,777	98.93	84	1.07	-	-	-	-	-	-	-	-
Bale Zone.....	250,400	96.66	7,705	2.97	773	0.30	126	0.05	34	0.01	20	0.01
Kokosa	23,081	98.74	256	1.10	38	0.16	-	-	-	-	-	-
Dodola.....	23,251	98.31	228	0.96	103	0.44	34	0.14	34	0.14	-	-
Adaba.....	19,462	98.02	372	1.87	-	-	22	0.11	-	-	-	-
Agarfa	12,667	96.36	416	3.16	63	0.48	-	-	-	-	-	-
Gasera	12,038	99.59	50	0.41	-	-	-	-	-	-	-	-
Gololcha.....	14,629	98.09	257	1.72	-	-	28	0.19	-	-	-	-
Legehida	8,094	100.00	-	-	-	-	-	-	-	-	-	-
Ginir.....	21,569	99.61	84	0.39	-	-	-	-	-	-	-	-
Sinanana Dinsho.....	23,695	94.83	1,241	4.97	52	0.21	-	-	-	-	-	-
Goba.....	6,827	95.04	346	4.82	10	0.14	-	-	-	-	-	-
Mennana Arena Buluk.....	18,782	97.83	392	2.04	-	-	24	0.13	-	-	-	-
Nensebo	13,254	93.54	684	4.83	231	1.63	-	-	-	-	-	-
Meda Welabu.....	8,961	71.36	3,280	26.12	277	2.21	19	0.15	-	-	20	0.16
Berbera.....	10,146	99.34	67	0.66	-	-	-	-	-	-	-	-
Guradamole	4,160	100.00	-	-	-	-	-	-	-	-	-	-
Goro	15,911	99.86	23	0.14	-	-	-	-	-	-	-	-
Raytu.....	6,160	99.87	8	0.13	-	-	-	-	-	-	-	-
Seweyna.....	7,711	100.00	-	-	-	-	-	-	-	-	-	-
Borena Zone.....	277,582	98.05	3,156	1.11	1,919	0.68	63	0.02	384	0.14	-	-
Uraga.....	41,951	98.42	510	1.20	162	0.38	-	-	-	-	-	-
Bore.....	29,612	97.30	821	2.70	-	-	-	-	-	-	-	-
Adolana Wadera.....	22,413	99.10	74	0.33	129	0.57	-	-	-	-	-	-
Odo Shakiso.....	13,676	97.58	339	2.42	-	-	-	-	-	-	-	-
Hager Mariam.....	86,031	99.90	85	0.10	-	-	-	-	-	-	-	-
Yabelo.....	9,874	97.95	152	1.51	47	0.47	8	0.08	-	-	-	-
Arero	3,267	98.08	30	0.90	34	1.02	-	-	-	-	-	-
Liben	14,394	96.97	369	2.49	50	0.34	31	0.21	-	-	-	-
Moyale	8,883	82.74	82	0.76	1,387	12.92	-	-	384	3.58	-	-
Dire	13,568	98.90	128	0.93	-	-	23	0.17	-	-	-	-
Teltele	7,223	98.13	138	1.87	-	-	-	-	-	-	-	-
Gelana Abaya	26,690	98.02	428	1.57	111	0.41	-	-	-	-	-	-

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	%
Oromia Region	3,255,007	81.75	526,557	13.22	145,324	3.65	36,230	0.91	12,047	0.30	6,539	0.16
West Welega Zone	276,826	88.18	24,017	7.65	9,464	3.01	2,337	0.74	787	0.25	492	0.16
Mana Sibu.....	20,249	74.94	3,943	14.59	1,528	5.65	537	1.99	397	1.47	368	1.36
Nejo.....	17,009	94.94	714	3.99	172	0.96	21	0.12	-	-	-	-
Gimbi.....	13,901	81.31	1,887	11.04	1,130	6.61	158	0.92	20	0.12	-	-
Lalo Asabi.....	9,760	89.49	645	5.91	382	3.50	80	0.73	27	0.25	12	0.11
Boji.....	12,986	85.50	821	5.41	865	5.70	386	2.54	115	0.76	15	0.10
Ayra Guliso.....	15,445	94.34	464	2.83	336	2.05	126	0.77	-	-	-	-
Jarso.....	14,892	91.98	1,259	7.78	39	0.24	-	-	-	-	-	-
Gidami.....	13,265	97.28	314	2.30	35	0.26	22	0.16	-	-	-	-
Jimma Horo.....	5,654	82.31	868	12.64	258	3.76	52	0.76	37	0.54	-	-
Hawa Welel.....	15,117	87.31	1,646	9.51	471	2.72	81	0.47	-	-	-	-
Gawo Dale.....	19,816	83.19	3,382	14.20	524	2.20	98	0.41	-	-	-	-
Dale Sadi.....	9,766	87.85	1,044	9.39	256	2.30	51	0.46	-	-	-	-
Yubdo.....	5,257	93.21	259	4.59	91	1.61	26	0.46	7	0.12	-	-
Ganji.....	7,723	80.36	986	10.26	685	7.13	172	1.79	-	-	45	0.47
Haru.....	9,935	86.33	1,072	9.32	390	3.39	97	0.84	14	0.12	-	-
Nole Kaba.....	20,502	87.66	1,644	7.03	1,037	4.43	86	0.37	119	0.51	-	-
Lalo Kilie.....	7,758	98.20	128	1.62	-	-	14	0.18	-	-	-	-
Sayo.....	18,578	93.62	950	4.79	216	1.09	100	0.50	-	-	-	-
Anfilo.....	11,467	96.78	253	2.14	68	0.57	32	0.27	14	0.12	14	0.12
Begi.....	27,744	90.27	1,737	5.65	979	3.19	200	0.65	37	0.12	37	0.12
East Welega Zone.....	223,157	85.54	26,898	10.31	8,405	3.22	1,679	0.64	536	0.21	218	0.08
Limu.....	14,659	70.85	3,978	19.23	1,571	7.59	434	2.10	20	0.10	28	0.14
Ibantu.....	4,345	85.41	492	9.67	174	3.42	68	1.34	8	0.16	-	-
Gida Kiremu.....	13,959	62.97	4,907	22.14	2,550	11.50	562	2.54	190	0.86	-	-
Jarte.....	6,671	90.60	468	6.36	213	2.89	-	-	-	-	11	0.15
Amuru.....	6,977	90.15	441	5.70	194	2.51	82	1.06	34	0.44	11	0.14
Abe Dongoro.....	6,838	72.21	2,154	22.75	436	4.60	31	0.33	-	-	11	0.12
Jimma Horo.....	22,811	94.95	1,154	4.80	58	0.24	-	-	-	-	-	-
Abay Chomen.....	4,192	88.91	493	10.46	22	0.47	8	0.17	-	-	-	-
Guduru.....	20,545	95.47	818	3.80	107	0.50	25	0.12	25	0.12	-	-
Jimma Rare.....	7,438	96.12	277	3.58	23	0.30	-	-	-	-	-	-
Bila Seyo.....	12,304	91.34	802	5.95	219	1.63	93	0.69	35	0.26	17	0.13
Sibu Sire.....	13,156	86.54	1,500	9.87	377	2.48	124	0.82	23	0.15	23	0.15
Guto Wayu.....	24,245	85.11	2,883	10.12	1,050	3.69	103	0.36	103	0.36	103	0.36
Sasiga.....	10,244	90.29	910	8.02	154	1.36	38	0.33	-	-	-	-
Leka Dulecha.....	9,607	91.02	596	5.65	196	1.86	57	0.54	85	0.81	14	0.13
Diga.....	10,465	88.18	1,276	10.75	93	0.78	34	0.29	-	-	-	-
Jimma Arjo.....	12,093	90.70	1,024	7.68	216	1.62	-	-	-	-	-	-
Nunu Kumba.....	9,322	89.31	968	9.27	135	1.29	-	-	13	0.12	-	-
Wama Bonaya.....	13,285	84.73	1,757	11.21	617	3.93	21	0.13	-	-	-	-
Illibabor Zone.....	182,991	93.70	9,399	4.81	1,749	0.90	821	0.42	245	0.13	82	0.04
Darimu.....	20,945	93.82	945	4.23	299	1.34	108	0.48	-	-	27	0.12
Supena Sodo.....	12,930	98.41	193	1.47	-	-	16	0.12	-	-	-	-
Chora.....	18,419	94.20	975	4.99	80	0.41	80	0.41	-	-	-	-
Dega.....	9,914	97.28	264	2.59	13	0.13	-	-	-	-	-	-
Bedele.....	17,863	87.08	1,721	8.39	318	1.55	373	1.82	184	0.90	54	0.26
Gechi.....	10,108	92.79	437	4.01	242	2.22	106	0.97	-	-	-	-
Borecha Wereda.....	8,492	94.04	446	4.94	92	1.02	-	-	-	-	-	-
Dedesa.....	12,602	89.80	764	5.44	494	3.52	112	0.80	61	0.43	-	-
yayu.....	17,972	93.60	1,130	5.89	99	0.52	-	-	-	-	-	-
Metu.....	21,582	95.28	991	4.38	52	0.23	26	0.11	-	-	-	-

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	%
Ilibabor Zone												
Ale.....	16,606	95.68	750	4.32	-	-	-	-	-	-	-	-
Bure.....	11,322	94.41	640	5.34	30	0.25	-	-	-	-	-	-
Nono	4,237	96.06	142	3.22	32	0.73	-	-	-	-	-	-
Jimma Zone	394,930	89.09	40,186	9.06	6,019	1.36	1,487	0.34	453	0.10	240	0.05
Limu Seka.....	26,764	91.52	1,503	5.14	639	2.18	265	0.91	74	0.25	-	-
Limu Kosa	42,446	92.43	2,962	6.45	513	1.12	-	-	-	-	-	-
Sokoru.....	24,030	93.92	1,527	5.97	29	0.11	-	-	-	-	-	-
Tiro Afeta	21,607	89.53	1,503	6.23	695	2.88	210	0.87	90	0.37	30	0.12
Kersa.....	23,982	81.37	4,923	16.70	569	1.93	-	-	-	-	-	-
Mana	24,990	89.84	2,594	9.33	232	0.83	-	-	-	-	-	-
Goma.....	42,742	86.31	6,321	12.76	460	0.93	-	-	-	-	-	-
Gera.....	18,032	86.68	2,483	11.94	177	0.85	111	0.53	-	-	-	-
Seka chekorsa	46,962	83.23	6,243	11.06	2,072	3.67	710	1.26	289	0.51	146	0.26
Dedo.....	49,026	90.73	4,949	9.16	60	0.11	-	-	-	-	-	-
Omonada.....	43,248	94.07	2,027	4.41	444	0.97	190	0.41	-	-	63	0.14
Sigmo.....	13,339	82.69	2,664	16.51	129	0.80	-	-	-	-	-	-
Setema.....	17,764	97.34	485	2.66	-	-	-	-	-	-	-	-
West Shewa Zone	402,573	80.10	77,146	15.35	17,284	3.44	3,587	0.71	1,392	0.28	609	0.12
Ginde Beret.....	26,396	78.49	4,270	12.70	2,273	6.76	490	1.46	162	0.48	39	0.12
Jeldu.....	27,010	80.15	5,376	15.95	1,098	3.26	172	0.51	-	-	45	0.13
Ambo	33,556	83.63	5,997	14.95	491	1.22	78	0.19	-	-	-	-
Cheliya.....	33,889	91.56	2,550	6.89	572	1.55	-	-	-	-	-	-
Bako Tibe	18,383	94.81	848	4.37	115	0.59	43	0.22	-	-	-	-
Dano.....	13,402	86.22	1,896	12.20	213	1.37	17	0.11	-	-	16	0.10
Nono	19,757	85.38	2,662	11.50	612	2.64	109	0.47	-	-	-	-
Tikur	12,052	95.68	527	4.18	17	0.13	-	-	-	-	-	-
Amaya.....	19,597	89.31	1,856	8.46	322	1.47	56	0.26	112	0.51	-	-
Wonchi.....	14,390	82.68	2,575	14.79	369	2.12	71	0.41	-	-	-	-
Dendi.....	27,231	73.39	7,692	20.73	1,647	4.44	342	0.92	46	0.12	148	0.40
Ejerie.....	10,904	71.65	3,742	24.59	514	3.38	38	0.25	21	0.14	-	-
Adda Berga.....	11,694	60.58	4,117	21.33	2,277	11.80	722	3.74	413	2.14	79	0.41
Walmarra.....	9,716	56.91	5,995	35.11	1,070	6.27	212	1.24	40	0.23	40	0.23
Alem Gana.....	12,169	59.05	6,683	32.43	1,385	6.72	234	1.14	79	0.38	57	0.28
Kersana Kondaltiti	17,518	79.44	3,847	17.45	581	2.63	78	0.35	27	0.12	-	-
Tole.....	8,616	82.84	1,626	15.63	130	1.25	29	0.28	-	-	-	-
Elu.....	9,100	87.89	1,227	11.85	27	0.26	-	-	-	-	-	-
Dawo.....	11,022	84.34	1,349	10.32	580	4.44	50	0.38	50	0.38	17	0.13
Walisona Goro.....	30,583	85.83	4,657	13.07	311	0.87	82	0.23	-	-	-	-
Becho	9,846	87.18	1,421	12.58	27	0.24	-	-	-	-	-	-
Kokir	11,254	91.04	943	7.63	165	1.33	-	-	-	-	-	-
Meta Robi	14,490	61.30	5,288	22.37	2,488	10.52	765	3.24	441	1.87	167	0.71
North Shewa(Oromia) Zone	141,152	59.56	66,746	28.16	22,085	9.32	4,691	1.98	1,638	0.69	699	0.29
Wara Jarso	15,723	62.87	2,262	9.04	4,790	19.15	1,365	5.46	726	2.90	143	0.57
Dera.....	18,704	53.39	10,874	31.04	4,778	13.64	378	1.08	105	0.30	196	0.56
Hidabu Abote.....	11,757	74.02	1,870	11.77	1,867	11.75	313	1.97	77	0.48	-	-
Kuyu	14,044	69.91	1,870	9.31	2,548	12.68	1,133	5.64	337	1.68	158	0.79
Degem.....	9,303	51.87	5,285	29.47	2,588	14.43	517	2.88	197	1.10	46	0.26
Gerar Jarso	4,602	34.96	5,887	44.72	2,285	17.36	317	2.41	72	0.55	-	-
Yaya Gulelena Debre	10,942	66.05	3,763	22.72	1,527	9.22	178	1.07	61	0.37	95	0.57
Wuchalena Jido.....	13,944	63.33	7,482	33.98	336	1.53	191	0.87	64	0.29	-	-
Abichuna Gna'a	7,893	66.51	3,728	31.41	231	1.95	16	0.13	-	-	-	-
Kembibit	7,367	67.84	3,377	31.10	101	0.93	15	0.14	-	-	-	-
Berehna Aleltu.....	13,550	54.69	10,244	41.35	758	3.06	196	0.79	-	-	26	0.10
Mulona Sululta	13,327	55.97	10,102	42.43	275	1.15	72	0.30	-	-	34	0.14

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	%
East Shewa Zone	256,902	81.56	46,470	14.75	8,363	2.66	2,260	0.72	731	0.23	240	0.08
Fentale	5,830	87.31	380	5.69	320	4.79	49	0.73	98	1.47	-	-
Boset	21,498	86.56	2,492	10.03	545	2.19	236	0.95	31	0.12	35	0.14
Adama	19,181	71.29	6,873	25.54	559	2.08	162	0.60	63	0.23	68	0.25
Lome	7,894	54.20	5,852	40.18	604	4.15	71	0.49	107	0.73	36	0.25
Gimbichu	7,618	48.93	6,080	39.05	1,357	8.72	359	2.31	86	0.55	69	0.44
Ada'a Liben Chukala	29,230	72.75	9,129	22.72	1,415	3.52	317	0.79	85	0.21	-	-
Dugda Bora	27,239	94.44	1,482	5.14	46	0.16	77	0.27	-	-	-	-
Adami Tullu Jido	22,361	93.98	1,192	5.01	179	0.75	31	0.13	31	0.13	-	-
Arsi Negele	23,972	90.17	1,632	6.14	575	2.16	347	1.31	26	0.10	32	0.12
Shashemene	43,489	94.32	2,068	4.49	504	1.09	47	0.10	-	-	-	-
Seraro	41,847	86.80	3,976	8.25	1,688	3.50	534	1.11	164	0.34	-	-
Akaki	6,744	53.12	5,314	41.86	570	4.49	29	0.23	39	0.31	-	-
Arsi Zone	335,146	67.98	100,786	20.44	37,025	7.51	12,370	2.51	4,556	0.92	3,124	0.63
Merti	15,977	70.23	5,320	23.38	678	2.98	52	0.23	-	-	723	3.18
Aseko	10,915	75.82	3,055	21.22	390	2.71	18	0.13	18	0.13	-	-
Gololcha	27,052	92.71	1,868	6.40	222	0.76	36	0.12	-	-	-	-
Jeju	14,527	65.39	6,988	31.45	416	1.87	286	1.29	-	-	-	-
Dodotana Sire	12,263	53.58	4,675	20.43	3,669	16.03	1,264	5.52	602	2.63	414	1.81
Zeway Dugda	19,225	90.68	1,623	7.66	277	1.31	75	0.35	-	-	-	-
Hitosa	17,177	43.79	12,242	31.21	6,056	15.44	1,993	5.08	1,034	2.64	727	1.85
Sude	18,500	72.55	4,477	17.56	1,988	7.80	373	1.46	163	0.64	-	-
Chole	7,020	44.10	4,947	31.08	2,526	15.87	953	5.99	379	2.38	93	0.58
Amigna	9,512	85.11	1,333	11.93	223	2.00	77	0.69	-	-	31	0.28
Seru	14,434	79.29	3,034	16.67	541	2.97	171	0.94	25	0.14	-	-
Robe	18,704	69.12	4,700	17.37	2,806	10.37	507	1.87	203	0.75	142	0.52
Tena	8,782	42.46	5,154	24.92	4,192	20.27	1,660	8.03	580	2.80	316	1.53
Sherka	14,275	54.06	4,519	17.11	4,121	15.61	2,306	8.73	740	2.80	444	1.68
Digeluna Tijo	14,463	65.20	6,445	29.06	1,071	4.83	131	0.59	42	0.19	29	0.13
Tiyo	8,473	53.03	5,422	33.93	1,364	8.54	440	2.75	164	1.03	115	0.72
Munesa	22,116	62.88	9,206	26.17	2,751	7.82	689	1.96	320	0.91	89	0.25
Bekoji	23,942	66.51	8,276	22.99	2,709	7.53	886	2.46	182	0.51	-	-
Gedeb	22,545	90.74	2,072	8.34	212	0.85	18	0.07	-	-	-	-
Kofele	35,244	83.86	5,431	12.92	813	1.93	434	1.03	106	0.25	-	-
West Harerge Zone	281,652	96.67	8,311	2.85	1,244	0.43	75	0.03	74	0.03	-	-
Mieso	15,740	95.98	521	3.18	79	0.48	40	0.24	20	0.12	-	-
Doba	22,627	99.38	55	0.24	86	0.38	-	-	-	-	-	-
Tulo	24,130	99.18	166	0.68	33	0.14	-	-	-	-	-	-
Mesela	24,687	95.54	1,079	4.18	74	0.29	-	-	-	-	-	-
Chiro	61,603	98.77	765	1.23	-	-	-	-	-	-	-	-
Goba Koricha	18,501	92.44	1,216	6.08	297	1.48	-	-	-	-	-	-
Anchar	10,775	80.23	2,193	16.33	372	2.77	36	0.27	54	0.40	-	-
Habro	29,392	96.73	838	2.76	156	0.51	-	-	-	-	-	-
Darolebu	25,955	96.21	910	3.37	113	0.42	-	-	-	-	-	-
Boke	21,803	98.46	341	1.54	-	-	-	-	-	-	-	-
Kuni	26,442	99.03	227	0.85	32	0.12	-	-	-	-	-	-
East Harerge Zone	378,111	97.65	8,318	2.15	667	0.17	97	0.03	-	-	-	-
Kombolcha	20,501	98.99	167	0.81	42	0.20	-	-	-	-	-	-
Jarso	14,550	85.33	2,124	12.46	336	1.97	42	0.25	-	-	-	-
Gursum	24,959	97.62	608	2.38	-	-	-	-	-	-	-	-
Babile	10,110	98.76	127	1.24	-	-	-	-	-	-	-	-
Fedis	24,323	99.01	242	0.99	-	-	-	-	-	-	-	-
Haro Maya	30,484	97.07	878	2.80	42	0.13	-	-	-	-	-	-
Kurfa Chele	7,113	99.87	9	0.13	-	-	-	-	-	-	-	-
Kersa	27,461	98.98	284	1.02	-	-	-	-	-	-	-	-

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	%
East Harerge Zone												
Meta	43,448	99.25	273	0.62	-	-	54	0.12	-	-	-	-
Goro Gutu	25,363	98.62	274	1.07	81	0.31	-	-	-	-	-	-
Deder	37,908	99.07	298	0.78	59	0.15	-	-	-	-	-	-
Malka Balo	24,841	99.64	89	0.36	-	-	-	-	-	-	-	-
Bedeno	40,572	93.58	2,676	6.17	108	0.25	-	-	-	-	-	-
Girawa	38,660	99.42	226	0.58	-	-	-	-	-	-	-	-
Gola Oda	7,818	99.45	43	0.55	-	-	-	-	-	-	-	-
Bale Zone	214,273	82.71	32,452	12.53	9,142	3.53	2,303	0.89	611	0.24	277	0.11
Kokosa	21,554	92.21	1,553	6.64	187	0.80	81	0.35	-	-	-	-
Dodola	22,594	95.53	860	3.64	162	0.68	-	-	34	0.14	-	-
Adaba	17,664	88.96	1,762	8.87	204	1.03	126	0.63	26	0.13	74	0.37
Agarfa	6,156	46.83	4,336	32.98	1,802	13.71	583	4.43	190	1.45	79	0.60
Gasera	7,891	65.28	2,619	21.67	1,222	10.11	271	2.24	85	0.70	-	-
Gololcha	11,214	75.19	2,489	16.69	973	6.52	132	0.89	86	0.58	20	0.13
Legehida	7,741	95.64	153	1.89	110	1.36	60	0.74	30	0.37	-	-
Ginir	16,652	76.90	3,480	16.07	1,214	5.61	192	0.89	47	0.22	68	0.31
Sinanana Dinsho	16,195	64.81	5,652	22.62	2,337	9.35	670	2.68	97	0.39	37	0.15
Goba	4,892	68.11	1,837	25.57	389	5.42	49	0.68	16	0.22	-	-
Mennana Arena Buluk	17,720	92.30	1,451	7.56	-	-	27	0.14	-	-	-	-
Nensebo	13,510	95.35	604	4.26	55	0.39	-	-	-	-	-	-
Meda Welabu	11,411	90.87	1,129	8.99	17	0.14	-	-	-	-	-	-
Berbere	9,455	92.58	713	6.98	45	0.44	-	-	-	-	-	-
Guradamole	4,022	96.68	131	3.15	7	0.17	-	-	-	-	-	-
Goro	13,150	82.53	2,322	14.57	363	2.28	99	0.62	-	-	-	-
Raytu	5,275	85.52	858	13.91	22	0.36	13	0.21	-	-	-	-
Seweyna	7,174	93.04	503	6.52	34	0.44	-	-	-	-	-	-
Borena Zone	167,291	59.09	85,827	30.32	23,877	8.43	4,525	1.60	1,025	0.36	559	0.20
Uruga	22,919	53.77	14,243	33.42	4,639	10.88	643	1.51	117	0.27	62	0.15
Bore	15,461	50.80	10,539	34.63	3,676	12.08	645	2.12	76	0.25	36	0.12
Adolana Wadera	12,534	55.42	7,678	33.95	1,802	7.97	462	2.04	60	0.27	80	0.35
Odo Shakiso	9,254	66.03	3,948	28.17	664	4.74	135	0.96	14	0.10	-	-
Hager Mariam	53,771	62.44	24,834	28.84	5,872	6.82	1,267	1.47	114	0.13	258	0.30
Yabelo	7,428	73.68	2,472	24.52	138	1.37	43	0.43	-	-	-	-
Arero	2,117	63.55	1,083	32.51	124	3.72	7	0.21	-	-	-	-
Liben	11,979	80.70	2,645	17.82	198	1.33	22	0.15	-	-	-	-
Moyale	7,920	73.77	2,312	21.54	492	4.58	-	-	12	0.11	-	-
Dire	7,947	57.93	4,628	33.73	887	6.47	170	1.24	87	0.63	-	-
Teltele	6,300	85.59	988	13.42	73	0.99	-	-	-	-	-	-
Gelana Abaya	9,661	35.48	10,457	38.40	5,312	19.51	1,131	4.15	545	2.00	123	0.45

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	%
East Harerge Zone												
Meta	28,608	65.35	6,086	13.90	8,840	20.19	49	0.11	192	0.44	-	-
Goro Gutu	14,613	56.82	6,126	23.82	4,979	19.36	-	-	-	-	-	-
Deder	25,013	65.37	8,774	22.93	3,803	9.94	60	0.16	563	1.47	52	0.14
Malka Balo	18,649	74.81	3,934	15.78	2,233	8.96	-	-	114	0.46	-	-
Bedeno	33,624	77.55	3,595	8.29	5,548	12.80	-	-	589	1.36	-	-
Girawa	34,166	87.86	3,274	8.42	1,446	3.72	-	-	-	-	-	-
Gola Oda	1,972	25.09	116	1.48	5,570	70.86	11	0.14	149	1.90	43	0.55
Bale Zone	86,591	33.43	93,035	35.91	66,977	25.85	2,565	0.99	8,879	3.43	1,011	0.39
Kokosa	22,284	95.33	568	2.43	453	1.94	-	-	38	0.16	32	0.14
Dodola	8,489	35.89	7,748	32.76	5,299	22.41	286	1.21	1,525	6.45	303	1.28
Adaba	4,781	24.08	8,159	41.09	5,775	29.08	733	3.69	382	1.92	26	0.13
Agarfa	2,207	16.79	5,092	38.73	4,648	35.36	301	2.29	811	6.17	87	0.66
Gasera	3,108	25.71	4,211	34.84	4,186	34.63	154	1.27	390	3.23	39	0.32
Gololcha	2,831	18.98	1,145	7.68	8,774	58.83	34	0.23	1,987	13.32	143	0.96
Leghida	1,316	16.26	5,876	72.60	877	10.84	25	0.31	-	-	-	-
Ginir	4,041	18.66	5,840	26.97	9,884	45.65	244	1.13	1,554	7.18	90	0.42
Sinanana Dinsho	4,036	16.15	10,199	40.82	9,305	37.24	298	1.19	1,048	4.19	102	0.41
Goba	1,211	16.86	4,185	58.26	1,655	23.04	83	1.16	39	0.54	10	0.14
Mennana Arena Buluk	7,190	37.45	10,184	53.05	1,685	8.78	-	-	139	0.72	-	-
Nensebo	12,745	89.95	895	6.32	398	2.81	18	0.13	78	0.55	35	0.25
Meda Welabu	2,854	22.73	8,303	66.12	1,270	10.11	73	0.58	57	0.45	-	-
Berbere	2,894	28.34	5,574	54.58	1,651	16.17	13	0.13	81	0.79	-	-
Guradamole	573	13.77	779	18.73	2,532	60.87	-	-	247	5.94	29	0.70
Goro	1,622	10.18	8,788	55.15	4,738	29.74	287	1.80	399	2.50	100	0.63
Raytu	2,308	37.42	1,368	22.18	2,407	39.02	-	-	78	1.26	7	0.11
Seweyna	2,100	27.23	4,120	53.43	1,438	18.65	17	0.22	28	0.36	8	0.10
Borena Zone	186,539	65.89	50,823	17.95	34,154	12.06	1,313	0.46	7,485	2.64	2,790	0.99
Uraga	35,608	83.54	4,346	10.20	2,181	5.12	62	0.15	426	1.00	-	-
Bore	15,730	51.69	8,026	26.37	6,235	20.49	-	-	442	1.45	-	-
Adolana Wadera	7,674	33.93	10,849	47.97	3,576	15.81	353	1.56	123	0.54	41	0.18
Odo Shakiso	10,222	72.94	3,106	22.16	636	4.54	-	-	51	0.36	-	-
Hager Mariam	74,194	86.16	5,806	6.74	3,085	3.58	418	0.49	1,374	1.60	1,239	1.44
Yabelo	3,905	38.74	2,130	21.13	2,827	28.04	48	0.48	790	7.84	381	3.78
Arero	1,661	49.86	724	21.74	649	19.48	3	0.09	234	7.02	60	1.80
Liben	5,129	34.55	7,071	47.64	2,061	13.88	219	1.48	319	2.15	45	0.30
Moyale	4,447	41.42	2,065	19.23	2,628	24.48	54	0.50	1,355	12.62	187	1.74
Dire	4,043	29.47	1,984	14.46	5,504	40.12	99	0.72	1,619	11.80	470	3.43
Teltele	1,958	26.60	1,361	18.49	3,191	43.35	58	0.79	467	6.34	326	4.43
Gelana Abaya	21,967	80.68	3,356	12.33	1,580	5.80	-	-	286	1.05	40	0.15

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	%
East Harerge Zone												
Meta	28,748	65.67	13,985	31.95	931	2.13	111	0.25	-	-	-	-
Goro Gutu	14,658	57.00	10,274	39.95	786	3.06	-	-	-	-	-	-
Deder	25,717	67.21	11,308	29.55	1,066	2.79	54	0.14	120	0.31	-	-
Malka Balo	18,726	75.11	5,528	22.17	540	2.17	100	0.40	36	0.14	-	-
Bedeno	34,425	79.40	7,339	16.93	1,443	3.33	149	0.34	-	-	-	-
Girawa	34,766	89.40	3,949	10.16	171	0.44	-	-	-	-	-	-
Gola Oda	2,035	25.89	5,311	67.56	439	5.58	22	0.28	50	0.64	4	0.05
Bale Zone	89,990	34.74	111,830	43.17	46,184	17.83	6,244	2.41	3,683	1.42	1,127	0.44
Kokosa	22,556	96.50	699	2.99	56	0.24	32	0.14	32	0.14	-	-
Dodola	8,795	37.19	8,270	34.97	5,086	21.51	649	2.74	559	2.36	291	1.23
Adaba	4,959	24.97	7,941	39.99	5,533	27.87	957	4.82	383	1.93	83	0.42
Agarfa	2,232	16.98	5,892	44.82	3,914	29.77	641	4.88	303	2.30	164	1.25
Gasera	3,218	26.62	5,959	49.30	2,442	20.20	262	2.17	191	1.58	16	0.13
Gololcha	2,965	19.88	7,275	48.78	3,739	25.07	583	3.91	173	1.16	179	1.20
Legehida	1,411	17.43	5,925	73.20	706	8.72	41	0.51	11	0.14	-	-
Ginir	4,369	20.18	11,085	51.19	5,164	23.85	581	2.68	389	1.80	65	0.30
Sinanana Dinsho	4,098	16.40	10,799	43.22	8,174	32.71	1,034	4.14	750	3.00	133	0.53
Goba	1,291	17.97	3,695	51.44	1,865	25.96	269	3.74	46	0.64	17	0.24
Mennana Arena Buluk	7,545	39.30	10,550	54.95	904	4.71	104	0.54	95	0.49	-	-
Nensebo	12,757	90.03	1,065	7.52	229	1.62	51	0.36	49	0.35	18	0.13
Meda Welabu	3,413	27.18	7,945	63.27	917	7.30	156	1.24	105	0.84	21	0.17
Berbera	2,951	28.89	6,183	60.54	965	9.45	101	0.99	-	-	13	0.13
Guradamole	641	15.41	2,874	69.09	574	13.80	22	0.53	49	1.18	-	-
Goro	1,751	10.99	7,870	49.39	5,052	31.71	638	4.00	527	3.31	96	0.60
Raytu	2,626	42.57	3,083	49.98	362	5.87	65	1.05	-	-	32	0.52
Seweyna	2,412	31.28	4,720	61.21	503	6.52	56	0.73	20	0.26	-	-
Borena Zone	188,043	66.42	73,885	26.10	14,588	5.15	3,039	1.07	2,256	0.80	1,293	0.46
Uruga	35,606	83.54	5,935	13.92	839	1.97	62	0.15	181	0.42	-	-
Bore	16,189	53.20	13,313	43.75	828	2.72	36	0.12	67	0.22	-	-
Adolana Wadera	7,612	33.66	12,490	55.23	2,005	8.87	222	0.98	123	0.54	164	0.73
Odo Shakiso	10,230	72.99	3,523	25.14	242	1.73	20	0.14	-	-	-	-
Hager Mariam	74,607	86.64	8,238	9.57	1,614	1.87	799	0.93	763	0.89	95	0.11
Yabelo	3,901	38.70	4,021	39.89	1,465	14.53	347	3.44	224	2.22	123	1.22
Arero	1,658	49.77	1,127	33.83	346	10.39	96	2.88	75	2.25	29	0.87
Liben	5,210	35.10	7,154	48.19	1,851	12.47	326	2.20	114	0.77	189	1.27
Moyale	4,484	41.77	3,978	37.05	1,669	15.55	275	2.56	194	1.81	136	1.27
Dire	4,304	31.37	5,671	41.34	2,569	18.73	687	5.01	280	2.04	208	1.52
Teltele	2,019	27.43	3,975	54.00	694	9.43	168	2.28	195	2.65	310	4.21
Gelana Abaya	22,223	81.62	4,459	16.38	467	1.72	-	-	41	0.15	39	0.14

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	%
Oromia Region.....	1,389,734	34.90	1,863,461	46.80	587,301	14.75	90,425	2.27	36,533	0.92	14,250	0.36
West Welega Zone.....	112,938	35.98	176,091	56.09	22,426	7.14	2,127	0.68	282	0.09	59	0.02
Mana Sibru.....	7,254	26.84	16,678	61.72	2,679	9.91	382	1.41	-	-	29	0.11
Nejo.....	5,219	29.13	10,949	61.11	1,517	8.47	231	1.29	-	-	-	-
Gimbi.....	6,860	40.13	9,455	55.31	760	4.45	21	0.12	-	-	-	-
Lalo Asabi.....	4,107	37.66	6,392	58.61	364	3.34	30	0.28	13	0.12	-	-
Boji.....	5,078	33.43	9,084	59.81	1,004	6.61	22	0.14	-	-	-	-
Ayra Guliso.....	5,086	31.07	9,931	60.66	1,176	7.18	137	0.84	41	0.25	-	-
Jarso.....	2,989	18.46	11,676	72.12	1,382	8.54	143	0.88	-	-	-	-
Gidami.....	5,512	40.42	6,864	50.34	1,018	7.47	220	1.61	-	-	22	0.16
Jimma Horo.....	1,582	23.03	4,308	62.72	868	12.64	66	0.96	36	0.52	9	0.13
Hawa Welel.....	6,848	39.55	8,773	50.67	1,446	8.35	202	1.17	46	0.27	-	-
Gawo Dale.....	7,167	30.09	14,101	59.20	2,421	10.16	131	0.55	-	-	-	-
Dale Sadi.....	3,643	32.77	6,563	59.04	756	6.80	140	1.26	15	0.13	-	-
Yubdo.....	1,555	27.57	3,542	62.80	498	8.83	38	0.67	7	0.12	-	-
Ganji.....	3,585	37.30	5,474	56.96	482	5.02	32	0.33	38	0.40	-	-
Haru.....	4,832	41.99	5,864	50.96	757	6.58	55	0.48	-	-	-	-
Nole Kaba.....	8,433	36.06	12,745	54.49	2,006	8.58	178	0.76	26	0.11	-	-
Lalo Kilie.....	2,169	27.46	4,966	62.86	736	9.32	19	0.24	10	0.13	-	-
Sayo.....	9,605	48.40	9,093	45.82	1,120	5.64	26	0.13	-	-	-	-
Anfilo.....	8,546	72.13	2,607	22.00	627	5.29	53	0.45	15	0.13	-	-
Begi.....	12,865	41.86	17,026	55.40	809	2.63	-	-	34	0.11	-	-
East Welega Zone.....	70,978	27.21	147,248	56.44	37,668	14.44	3,615	1.39	1,077	0.41	307	0.12
Limu.....	7,709	37.26	10,854	52.46	1,865	9.01	237	1.15	25	0.12	-	-
Ibantu.....	990	19.46	3,492	68.65	592	11.64	13	0.26	-	-	-	-
Gida Kiremu.....	6,734	30.38	12,269	55.35	2,806	12.66	359	1.62	-	-	-	-
Jarte.....	1,225	16.64	4,331	58.82	1,650	22.41	130	1.77	17	0.23	10	0.14
Amuru.....	1,654	21.37	4,218	54.50	1,695	21.90	132	1.71	10	0.13	30	0.39
Abe Dongoro.....	4,113	43.43	4,084	43.13	1,112	11.74	118	1.25	43	0.45	-	-
Jimma Horo.....	4,930	20.52	14,240	59.28	4,182	17.41	458	1.91	165	0.69	48	0.20
Abay Chomen.....	945	20.04	2,313	49.06	1,223	25.94	157	3.33	39	0.83	38	0.81
Guduru.....	5,402	25.10	10,368	48.18	4,980	23.14	356	1.65	324	1.51	90	0.42
Jimma Rare.....	1,730	22.36	4,216	54.48	1,677	21.67	62	0.80	31	0.40	22	0.28
Bila Seyo.....	3,836	28.48	7,900	58.65	1,483	11.01	194	1.44	18	0.13	39	0.29
Sibu Sire.....	3,940	25.92	9,115	59.96	2,018	13.27	130	0.86	-	-	-	-
Guto Wayu.....	8,512	29.88	16,670	58.52	2,879	10.11	368	1.29	58	0.20	-	-
Sasiga.....	4,151	36.59	6,388	56.30	724	6.38	44	0.39	39	0.34	-	-
Leka Dulecha.....	2,717	25.74	6,403	60.66	1,265	11.98	137	1.30	33	0.31	-	-
Diga.....	4,105	34.59	6,257	52.72	1,345	11.33	107	0.90	41	0.35	13	0.11
Jimma Arjo.....	3,451	25.88	7,623	57.17	2,044	15.33	181	1.36	17	0.13	17	0.13
Nunu Kumba.....	2,016	19.31	7,010	67.16	1,199	11.49	135	1.29	78	0.75	-	-
Wama Bonaya.....	2,818	17.97	9,497	60.57	2,929	18.68	297	1.89	139	0.89	-	-
Illibabor Zone.....	60,887	31.18	108,727	55.68	22,335	11.44	2,553	1.31	662	0.34	123	0.06
Darimu.....	8,410	37.67	11,220	50.26	2,348	10.52	257	1.15	89	0.40	-	-
Supena Sodo.....	4,399	33.48	7,196	54.77	1,359	10.34	153	1.16	32	0.24	-	-
Chora.....	6,087	31.13	10,709	54.77	2,220	11.35	434	2.22	104	0.53	-	-
Dega.....	2,305	22.62	6,098	59.84	1,466	14.39	225	2.21	72	0.71	25	0.25
Bedele.....	5,254	25.61	12,603	61.44	2,283	11.13	196	0.96	149	0.73	28	0.14
Gechi.....	2,574	23.63	6,972	64.00	1,220	11.20	127	1.17	-	-	-	-
Borecha Wereda.....	2,295	25.42	5,382	59.60	1,217	13.48	136	1.51	-	-	-	-
Dedesa.....	3,888	27.71	7,463	53.18	2,312	16.48	270	1.92	70	0.50	30	0.21
yayu.....	6,694	34.86	10,132	52.77	2,130	11.09	223	1.16	22	0.11	-	-
Metu.....	9,480	41.85	10,777	47.58	2,215	9.78	154	0.68	25	0.11	-	-

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	%
East Harerge Zone												
Meta	28,151	64.31	14,908	34.06	660	1.51	56	0.13	-	-	-	-
Goro Gutu	14,518	56.45	10,571	41.10	560	2.18	34	0.13	35	0.14	-	-
Deder	24,832	64.89	12,591	32.90	739	1.93	103	0.27	-	-	-	-
Malka Balo	18,647	74.80	5,905	23.69	351	1.41	27	0.11	-	-	-	-
Bedeno	33,573	77.44	9,661	22.28	68	0.16	54	0.12	-	-	-	-
Girawa	34,109	87.72	4,718	12.13	59	0.15	-	-	-	-	-	-
Gola Oda	2,037	25.91	5,420	68.95	332	4.22	21	0.27	16	0.20	35	0.45
Bale Zone	86,311	33.32	107,796	41.61	52,068	20.10	8,554	3.30	3,354	1.29	975	0.38
Kokosa	22,269	95.27	865	3.70	241	1.03	-	-	-	-	-	-
Dodola	8,448	35.72	7,769	32.85	5,224	22.09	1,251	5.29	817	3.45	141	0.60
Adaba	4,726	23.80	6,686	33.67	6,248	31.47	1,597	8.04	284	1.43	315	1.59
Agarfa	2,182	16.60	5,753	43.76	4,201	31.96	741	5.64	163	1.24	106	0.81
Gasera	3,116	25.78	5,992	49.57	2,366	19.57	479	3.96	122	1.01	13	0.11
Gololcha	2,689	18.03	7,891	52.91	3,691	24.75	542	3.63	73	0.49	28	0.19
Legehida	1,227	15.16	6,197	76.56	622	7.68	48	0.59	-	-	-	-
Ginir	4,034	18.63	10,470	48.35	6,151	28.41	477	2.20	434	2.00	87	0.40
Sinanana Dinsho	4,059	16.24	9,376	37.52	8,975	35.92	1,415	5.66	969	3.88	194	0.78
Goba	1,189	16.55	3,173	44.17	2,332	32.47	425	5.92	46	0.64	18	0.25
Mennana Arena Buluk	7,253	37.78	10,616	55.30	1,263	6.58	21	0.11	45	0.23	-	-
Nensebo	12,702	89.65	917	6.47	365	2.58	185	1.31	-	-	-	-
Meda Welabu	2,882	22.95	8,629	68.72	946	7.53	83	0.66	17	0.14	-	-
Berbere	2,887	28.27	6,185	60.56	1,102	10.79	26	0.25	13	0.13	-	-
Guradamole	587	14.11	2,724	65.48	779	18.73	54	1.30	16	0.38	-	-
Goro	1,620	10.17	6,414	40.25	6,313	39.62	1,169	7.34	345	2.17	73	0.46
Raytu	2,279	36.95	3,445	55.85	437	7.08	7	0.11	-	-	-	-
Seweyna	2,159	28.00	4,696	60.90	812	10.53	34	0.44	10	0.13	-	-
Borena Zone	186,494	65.87	79,245	27.99	13,640	4.82	2,545	0.90	736	0.26	444	0.16
Uraga	35,601	83.53	6,153	14.44	807	1.89	62	0.15	-	-	-	-
Bore	15,919	52.31	13,488	44.32	974	3.20	-	-	52	0.17	-	-
Adolana Wadera	7,638	33.77	12,911	57.09	1,726	7.63	232	1.03	109	0.48	-	-
Odo Shakiso	10,245	73.10	3,619	25.82	121	0.86	30	0.21	-	-	-	-
Hager Mariam	74,194	86.16	9,511	11.04	1,576	1.83	835	0.97	-	-	-	-
Yabelo	3,639	36.10	4,412	43.77	1,430	14.19	283	2.81	182	1.81	135	1.34
Arero	1,638	49.17	1,250	37.53	360	10.81	68	2.04	-	-	15	0.45
Liben	5,080	34.22	7,995	53.86	1,524	10.27	158	1.06	87	0.59	-	-
Moyale	4,593	42.78	4,382	40.82	1,354	12.61	268	2.50	43	0.40	96	0.89
Dire	4,128	30.09	6,576	47.93	2,270	16.55	453	3.30	178	1.30	114	0.83
Teltele	1,965	26.69	4,117	55.93	956	12.99	155	2.11	85	1.15	83	1.13
Gelana Abaya	21,857	80.27	4,831	17.74	541	1.99	-	-	-	-	-	-

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	%
Oromia Region.....	1,379,046	34.63	2,163,999	54.35	388,456	9.76	35,329	0.89	11,120	0.28	3,754	0.09
West Welega Zone.....	114,034	36.33	180,458	57.48	17,794	5.67	1,297	0.41	189	0.06	151	0.05
Mana Sibu.....	7,411	27.43	17,371	64.28	2,023	7.49	156	0.58	32	0.12	29	0.11
Nejo.....	5,122	28.59	11,158	62.28	1,411	7.88	113	0.63	22	0.12	90	0.50
Gimbi.....	6,733	39.38	9,629	56.32	714	4.18	20	0.12	-	-	-	-
Lalo Asabi.....	4,060	37.23	6,510	59.69	306	2.81	30	0.28	-	-	-	-
Boji.....	5,169	34.03	9,253	60.92	748	4.92	18	0.12	-	-	-	-
Ayra Guliso.....	4,992	30.49	10,147	61.98	1,077	6.58	135	0.82	20	0.12	-	-
Jarso.....	3,106	19.18	11,801	72.89	1,235	7.63	48	0.30	-	-	-	-
Gidami.....	5,537	40.61	7,451	54.64	545	4.00	103	0.76	-	-	-	-
Jimma Horo.....	1,699	24.73	4,596	66.91	535	7.79	23	0.33	7	0.10	9	0.13
Hawa Welel.....	6,952	40.15	9,341	53.95	899	5.19	76	0.44	25	0.14	22	0.13
Gawo Dale.....	7,430	31.19	14,739	61.88	1,620	6.80	31	0.13	-	-	-	-
Dale Sadi.....	3,605	32.43	6,801	61.18	614	5.52	82	0.74	15	0.13	-	-
Yubdo.....	1,575	27.93	3,582	63.51	446	7.91	30	0.53	7	0.12	-	-
Ganji.....	3,576	37.21	5,562	57.87	431	4.48	22	0.23	20	0.21	-	-
Haru.....	4,860	42.23	6,066	52.71	555	4.82	13	0.11	14	0.12	-	-
Nole Kaba.....	8,479	36.25	12,831	54.86	1,913	8.18	139	0.59	26	0.11	-	-
Lalo Kilie.....	2,245	28.42	5,060	64.05	554	7.01	41	0.52	-	-	-	-
Sayo.....	9,965	50.22	9,056	45.64	823	4.15	-	-	-	-	-	-
Anfilo.....	8,415	71.02	2,901	24.49	490	4.14	42	0.35	-	-	-	-
Begi.....	13,103	42.63	16,601	54.02	855	2.78	175	0.57	-	-	-	-
East Welega Zone.....	71,293	27.33	156,193	59.87	30,278	11.61	2,419	0.93	549	0.21	161	0.06
Limu.....	7,705	37.24	11,315	54.69	1,594	7.70	76	0.37	-	-	-	-
Ibantu.....	1,010	19.85	3,250	63.89	763	15.00	50	0.98	14	0.28	-	-
Gida Kiremu.....	6,799	30.67	12,859	58.01	2,315	10.44	143	0.65	21	0.09	31	0.14
Jarte.....	1,158	15.73	4,628	62.85	1,468	19.94	100	1.36	9	0.12	-	-
Amuru.....	1,587	20.51	4,767	61.60	1,246	16.10	112	1.45	-	-	27	0.35
Abe Dongoro.....	4,125	43.56	4,821	50.91	502	5.30	22	0.23	-	-	-	-
Jimma Horo.....	5,003	20.83	15,095	62.84	3,635	15.13	225	0.94	65	0.27	-	-
Abay Chomen.....	937	19.87	2,661	56.44	951	20.17	125	2.65	33	0.70	8	0.17
Guduru.....	5,360	24.91	12,156	56.49	3,385	15.73	414	1.92	174	0.81	31	0.14
Jimma Rare.....	1,798	23.24	4,852	62.70	1,011	13.07	54	0.70	11	0.14	12	0.16
Bila Seyo.....	3,766	27.96	8,230	61.10	1,364	10.13	91	0.68	-	-	19	0.14
Sibu Sire.....	3,872	25.47	9,504	62.51	1,708	11.23	119	0.78	-	-	-	-
Guto Wayu.....	8,839	31.03	17,149	60.20	2,196	7.71	303	1.06	-	-	-	-
Sasiga.....	4,018	35.41	6,654	58.65	651	5.74	-	-	23	0.20	-	-
Leka Dulecha.....	2,731	25.87	6,708	63.55	1,054	9.99	48	0.45	14	0.13	-	-
Diga.....	4,157	35.03	6,433	54.20	1,173	9.88	51	0.43	41	0.35	13	0.11
Jimma Arjo.....	3,457	25.93	8,209	61.57	1,522	11.42	111	0.83	34	0.26	-	-
Nunu Kumba.....	2,081	19.94	7,191	68.89	1,034	9.91	81	0.78	51	0.49	-	-
Wama Bonaya.....	2,892	18.44	9,707	61.91	2,706	17.26	295	1.88	60	0.38	20	0.13
Illibabor Zone.....	61,724	31.61	111,578	57.14	19,550	10.01	1,745	0.89	450	0.23	240	0.12
Darimu.....	8,489	38.03	11,313	50.68	2,208	9.89	234	1.05	55	0.25	25	0.11
Supena Sodo.....	4,494	34.20	7,332	55.80	1,264	9.62	32	0.24	17	0.13	-	-
Chora.....	6,348	32.46	11,212	57.34	1,783	9.12	184	0.94	27	0.14	-	-
Dega.....	2,427	23.82	6,147	60.32	1,371	13.45	174	1.71	58	0.57	14	0.14
Bedele.....	5,376	26.21	12,087	58.92	2,603	12.69	247	1.20	145	0.71	55	0.27
Gechi.....	2,523	23.16	7,216	66.24	1,055	9.69	84	0.77	-	-	15	0.14
Borecha Wereda.....	2,371	26.26	5,813	64.37	762	8.44	72	0.80	12	0.13	-	-
Dedesa.....	3,826	27.26	8,161	58.16	1,725	12.29	211	1.50	40	0.29	70	0.50
yayu.....	6,655	34.66	10,771	56.10	1,748	9.10	27	0.14	-	-	-	-
Metu.....	9,439	41.67	10,972	48.44	1,938	8.56	210	0.93	52	0.23	40	0.18

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	%
Illibabor Zone												
Ale.....	4,843	27.90	10,918	62.91	1,533	8.83	62	0.36	-	-	-	-
Bure.....	3,651	30.45	6,755	56.33	1,318	10.99	202	1.68	44	0.37	22	0.18
Nono	1,285	29.13	2,879	65.27	241	5.46	6	0.14	-	-	-	-
Jimma Zone	115,925	26.15	280,104	63.18	42,120	9.50	3,740	0.84	1,041	0.23	385	0.09
Limu Seka.....	4,983	17.04	21,546	73.67	2,575	8.80	69	0.24	-	-	72	0.25
Limu Kosa	10,164	22.13	29,676	64.62	4,976	10.84	653	1.42	452	0.98	-	-
Sokoru.....	5,970	23.33	16,188	63.27	3,044	11.90	297	1.16	58	0.23	29	0.11
Tiro Afeta	4,503	18.66	16,249	67.33	3,031	12.56	322	1.33	30	0.12	-	-
Kersa	3,537	12.00	21,367	72.49	4,116	13.96	376	1.28	78	0.26	-	-
Mana	11,347	40.79	15,618	56.15	813	2.92	38	0.14	-	-	-	-
Goma.....	23,070	46.58	23,118	46.68	3,109	6.28	53	0.11	173	0.35	-	-
Gera.....	3,969	19.08	14,989	72.05	1,493	7.18	352	1.69	-	-	-	-
Seka chekorsa	18,849	33.41	32,449	57.51	4,689	8.31	369	0.65	66	0.12	-	-
Dedo.....	10,899	20.17	38,237	70.76	4,215	7.80	424	0.78	60	0.11	200	0.37
Omonada.....	7,640	16.62	28,885	62.83	8,607	18.72	701	1.52	78	0.17	61	0.13
Sigmo.....	4,772	29.58	10,887	67.49	409	2.54	64	0.40	-	-	-	-
Setema.....	6,221	34.09	10,894	59.70	1,042	5.71	22	0.12	47	0.26	23	0.13
West Shewa Zone	135,141	26.89	289,521	57.61	69,268	13.78	5,914	1.18	2,139	0.43	608	0.12
Ginde Beret.....	8,530	25.36	20,713	61.59	4,042	12.02	257	0.76	88	0.26	-	-
Jeldu.....	8,877	26.34	21,761	64.57	2,976	8.83	87	0.26	-	-	-	-
Ambo	10,981	27.37	23,618	58.87	4,468	11.14	665	1.66	230	0.57	160	0.40
Cheliya.....	9,401	25.40	21,903	59.18	4,678	12.64	861	2.33	168	0.45	-	-
Bako Tibe	5,510	28.42	11,125	57.38	2,278	11.75	405	2.09	47	0.24	24	0.12
Dano.....	2,959	19.04	10,112	65.05	2,170	13.96	216	1.39	70	0.45	17	0.11
Nono	4,489	19.40	14,483	62.59	3,751	16.21	256	1.11	94	0.41	67	0.29
Tikur	5,123	40.67	7,091	56.30	340	2.70	42	0.33	-	-	-	-
Amaya.....	4,781	21.79	13,977	63.70	2,739	12.48	393	1.79	53	0.24	-	-
Wonchi.....	7,753	44.54	9,090	52.23	477	2.74	64	0.37	21	0.12	-	-
Dendi.....	10,883	29.33	20,846	56.18	4,827	13.01	408	1.10	53	0.14	89	0.24
Ejerie.....	3,819	25.09	8,530	56.05	2,505	16.46	156	1.03	157	1.03	52	0.34
Adda Berga.....	4,175	21.63	11,250	58.28	3,535	18.31	250	1.30	68	0.35	24	0.12
Walmara.....	4,183	24.50	8,715	51.05	3,655	21.41	293	1.72	136	0.80	91	0.53
Alem Gana.....	5,842	28.35	9,980	48.43	4,351	21.11	153	0.74	223	1.08	58	0.28
Kersana Kondaltiti	3,810	17.28	14,188	64.34	3,727	16.90	297	1.35	29	0.13	-	-
Tole.....	1,781	17.12	6,506	62.55	1,886	18.13	133	1.28	95	0.91	-	-
Elu.....	2,643	25.53	3,715	35.88	3,706	35.79	104	1.00	174	1.68	12	0.12
Dawo.....	2,376	18.18	7,055	53.99	3,286	25.15	223	1.71	114	0.87	14	0.11
Walisona Goro.....	14,381	40.36	17,399	48.83	3,498	9.82	309	0.87	46	0.13	-	-
Becho.....	2,185	19.35	5,599	49.57	3,081	27.28	186	1.65	243	2.15	-	-
Kokir.....	3,896	31.52	7,092	57.37	1,244	10.06	98	0.79	32	0.26	-	-
Meta Robi	6,763	28.61	14,771	62.49	2,048	8.66	57	0.24	-	-	-	-
North Shewa(Oromia) Zone	48,360	20.40	149,287	62.99	35,476	14.97	2,677	1.13	987	0.42	224	0.09
Wara Jarso	5,365	21.45	15,329	61.29	4,046	16.18	164	0.66	105	0.42	-	-
Dera.....	10,785	30.78	21,508	61.39	2,547	7.27	78	0.22	117	0.33	-	-
Hidabu Abote.....	4,072	25.64	10,615	66.83	1,124	7.08	54	0.34	19	0.12	-	-
Kuyu	4,624	23.02	12,842	63.92	2,535	12.62	62	0.31	27	0.13	-	-
Degem.....	4,270	23.81	11,932	66.53	1,610	8.98	78	0.43	46	0.26	-	-
Gerar Jarso.....	1,575	11.97	9,745	74.03	1,742	13.23	66	0.50	35	0.27	-	-
Yaya Gulelena Debre	2,951	17.81	11,040	66.64	2,419	14.60	156	0.94	-	-	-	-
Wuchalena Jido.....	3,337	15.16	14,800	67.22	3,589	16.30	171	0.78	120	0.55	-	-
Abichuna Gna'a	1,807	15.23	7,970	67.16	1,836	15.47	190	1.60	65	0.55	-	-
Kembibit	2,184	20.11	6,564	60.44	1,887	17.38	152	1.40	73	0.67	-	-
Berehna Aleltu.....	4,390	17.72	12,489	50.41	6,506	26.26	873	3.52	292	1.18	224	0.90
Mulona Sululta	3,003	12.61	14,453	60.70	5,634	23.66	634	2.66	86	0.36	-	-

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	%
East Shewa Zone	82,712	26.26	182,313	57.88	41,226	13.09	5,637	1.79	2,192	0.70	886	0.28
Fentale.....	2,019	30.24	4,069	60.94	425	6.37	115	1.72	49	0.73	-	-
Boset	6,620	26.65	13,116	52.81	4,395	17.70	451	1.82	158	0.64	97	0.39
Adama.....	7,619	28.32	15,070	56.01	3,365	12.51	560	2.08	192	0.71	100	0.37
Lome.....	3,365	23.10	7,024	48.23	3,115	21.39	715	4.91	227	1.56	118	0.81
Gimbichu.....	2,682	17.23	9,164	58.86	3,264	20.96	316	2.03	106	0.68	37	0.24
Ada'a Liben Chukala.....	10,366	25.80	18,976	47.23	8,610	21.43	1,306	3.25	573	1.43	345	0.86
Dugda Bora.....	5,218	18.09	17,384	60.27	5,095	17.66	728	2.52	307	1.06	112	0.39
Adami Tullu Jido.....	7,305	30.70	13,995	58.82	2,091	8.79	287	1.21	85	0.36	31	0.13
Arsi Negele.....	6,727	25.30	17,337	65.22	2,082	7.83	325	1.22	113	0.43	-	-
Shashemene.....	16,611	36.03	25,931	56.24	3,382	7.33	126	0.27	58	0.13	-	-
Seraro.....	11,565	23.99	33,706	69.92	2,772	5.75	166	0.34	-	-	-	-
Akaki.....	2,616	20.60	6,539	51.50	2,630	20.72	542	4.27	323	2.54	46	0.36
Arsi Zone	115,886	23.51	298,003	60.45	71,102	14.42	5,675	1.15	1,803	0.37	538	0.11
Merti	5,154	22.65	13,829	60.79	3,542	15.57	132	0.58	34	0.15	59	0.26
Aseko.....	3,745	26.01	9,281	64.47	1,291	8.97	36	0.25	-	-	43	0.30
Gololcha.....	9,377	32.14	18,775	64.35	979	3.36	-	-	-	-	47	0.16
Jeju.....	5,256	23.66	14,496	65.25	2,218	9.98	166	0.75	81	0.36	-	-
Dodotana Sire.....	6,020	26.30	12,093	52.84	4,180	18.26	421	1.84	173	0.76	-	-
Zeway Dugda.....	4,350	20.52	13,124	61.91	3,177	14.99	399	1.88	98	0.46	52	0.25
Hitosa.....	8,578	21.87	23,457	59.80	6,315	16.10	544	1.39	292	0.74	43	0.11
Sude.....	5,594	21.94	17,508	68.66	2,205	8.65	127	0.50	67	0.26	-	-
Chole.....	3,363	21.13	10,561	66.35	1,813	11.39	137	0.86	44	0.28	-	-
Amigna.....	1,749	15.65	7,339	65.67	1,999	17.89	72	0.64	17	0.15	-	-
Seru.....	2,753	15.12	12,426	68.26	2,862	15.72	107	0.59	32	0.18	25	0.14
Robe.....	5,035	18.61	18,087	66.84	3,690	13.64	215	0.79	35	0.13	-	-
Tena.....	4,797	23.19	13,109	63.38	2,703	13.07	75	0.36	-	-	-	-
Sherka.....	5,043	19.10	17,084	64.70	4,054	15.35	224	0.85	-	-	-	-
Digeluna Tijo.....	5,170	23.31	12,017	54.18	4,045	18.24	579	2.61	307	1.38	63	0.28
Tiyo.....	3,992	24.98	8,292	51.90	3,295	20.62	326	2.04	73	0.46	-	-
Munesa.....	8,065	22.93	19,697	56.00	6,803	19.34	485	1.38	121	0.34	-	-
Bekoji.....	7,449	20.69	20,630	57.31	6,631	18.42	931	2.59	308	0.86	46	0.13
Gedeb.....	4,389	17.66	14,099	56.74	5,580	22.46	499	2.01	120	0.48	160	0.64
Kofele.....	16,007	38.09	22,100	52.58	3,720	8.85	201	0.48	-	-	-	-
West Harerge Zone.....	115,314	39.58	164,794	56.56	9,677	3.32	810	0.28	504	0.17	257	0.09
Mieso.....	3,098	18.89	12,480	76.10	775	4.73	24	0.15	-	-	23	0.14
Doba.....	5,641	24.78	15,920	69.92	1,116	4.90	33	0.14	58	0.25	-	-
Tulo.....	11,654	47.90	12,459	51.21	177	0.73	39	0.16	-	-	-	-
Mesela.....	17,729	68.61	8,007	30.99	67	0.26	-	-	37	0.14	-	-
Chiro.....	32,414	51.97	28,452	45.62	1,454	2.33	-	-	48	0.08	-	-
Goba Koricha.....	4,154	20.76	13,563	67.77	2,224	11.11	73	0.36	-	-	-	-
Anchar.....	2,701	20.11	10,160	75.65	569	4.24	-	-	-	-	-	-
Habro.....	13,223	43.52	15,265	50.24	963	3.17	568	1.87	220	0.72	147	0.48
Darolebu.....	5,711	21.17	20,334	75.37	838	3.11	-	-	44	0.16	51	0.19
Boke.....	8,685	39.22	12,708	57.39	615	2.78	40	0.18	96	0.43	-	-
Kuni.....	10,308	38.61	15,445	57.84	878	3.29	33	0.12	-	-	37	0.14
East Harerge Zone.....	242,533	62.64	135,351	34.96	8,273	2.14	787	0.20	195	0.05	54	0.01
Kombolcha.....	14,598	70.49	5,684	27.45	402	1.94	-	-	26	0.13	-	-
Jarso.....	12,427	72.88	4,280	25.10	300	1.76	45	0.26	-	-	-	-
Gursum.....	9,582	37.48	14,535	56.85	1,336	5.23	73	0.29	41	0.16	-	-
Babile.....	2,487	24.29	6,227	60.83	1,259	12.30	168	1.64	42	0.41	54	0.53
Fedis.....	11,903	48.46	12,004	48.87	535	2.18	93	0.38	30	0.12	-	-
Haro Maya.....	28,623	91.14	2,671	8.51	110	0.35	-	-	-	-	-	-
Kurfa Chele.....	4,251	59.69	2,748	38.58	114	1.60	9	0.13	-	-	-	-
Kersa.....	17,465	62.95	9,094	32.78	1,061	3.82	125	0.45	-	-	-	-

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	%
East Harerge Zone												
Meta	26,844	61.32	16,226	37.07	610	1.39	56	0.13	39	0.09	-	-
Goro Gutu	14,985	58.27	10,608	41.25	125	0.49	-	-	-	-	-	-
Deder	23,245	60.75	14,533	37.98	441	1.15	46	0.12	-	-	-	-
Malka Balo	19,000	76.21	5,478	21.97	452	1.81	-	-	-	-	-	-
Bedeno	23,333	53.82	18,853	43.48	1,019	2.35	151	0.35	-	-	-	-
Girawa	31,742	81.63	6,969	17.92	175	0.45	-	-	-	-	-	-
Gola Oda	2,051	26.09	5,442	69.23	332	4.22	20	0.25	16	0.20	-	-
Bale Zone	89,768	34.65	134,688	51.99	31,247	12.06	2,628	1.01	619	0.24	108	0.04
Kokosa	22,283	95.33	1,063	4.55	29	0.12	-	-	-	-	-	-
Dodola	8,821	37.30	10,207	43.16	3,945	16.68	566	2.39	61	0.26	50	0.21
Adaba	5,149	25.93	10,232	51.53	3,978	20.03	451	2.27	46	0.23	-	-
Agarfa	2,144	16.31	7,841	59.65	2,823	21.47	232	1.76	67	0.51	39	0.30
Gasera	3,140	25.98	6,970	57.66	1,867	15.45	98	0.81	13	0.11	-	-
Gololcha	2,912	19.53	9,412	63.11	2,461	16.50	105	0.70	24	0.16	-	-
Legehida	1,484	18.33	6,306	77.91	293	3.62	11	0.14	-	-	-	-
Ginir	3,875	17.90	14,479	66.87	2,975	13.74	171	0.79	133	0.61	20	0.09
Sinanana Dinsho	3,870	15.49	14,128	56.54	6,386	25.56	391	1.56	213	0.85	-	-
Goba	1,179	16.41	4,468	62.20	1,445	20.12	71	0.99	20	0.28	-	-
Mennana Arena Buluk	7,986	41.60	10,756	56.03	456	2.38	-	-	-	-	-	-
Nensebo	12,771	90.13	1,260	8.89	138	0.97	-	-	-	-	-	-
Meda Welabu	3,670	29.23	8,542	68.03	286	2.28	59	0.47	-	-	-	-
Berbere	3,081	30.17	6,790	66.48	342	3.35	-	-	-	-	-	-
Guradamole	672	16.15	3,283	78.92	205	4.93	-	-	-	-	-	-
Goro	1,642	10.31	10,499	65.89	3,293	20.67	457	2.87	43	0.27	-	-
Raytu	2,720	44.10	3,283	53.23	158	2.56	7	0.11	-	-	-	-
Seweyna	2,360	30.61	5,173	67.09	168	2.18	10	0.13	-	-	-	-
Borena Zone	186,354	65.83	81,710	28.86	12,446	4.40	1,999	0.71	454	0.16	141	0.05
Uraga	35,215	82.62	6,605	15.50	741	1.74	62	0.15	-	-	-	-
Bore	15,695	51.57	13,749	45.18	937	3.08	-	-	52	0.17	-	-
Adolana Wadera	7,026	31.07	13,457	59.50	1,899	8.40	193	0.85	41	0.18	-	-
Odo Shakiso	10,222	72.94	3,651	26.05	142	1.01	-	-	-	-	-	-
Hager Mariam	73,529	85.38	10,020	11.64	2,054	2.39	513	0.60	-	-	-	-
Yabelo	3,869	38.38	4,435	43.99	1,402	13.91	305	3.03	46	0.46	24	0.24
Arero	1,675	50.29	1,222	36.69	316	9.49	95	2.85	8	0.24	15	0.45
Liben	5,628	37.91	8,345	56.22	764	5.15	75	0.51	32	0.22	-	-
Moyale	4,544	42.32	4,682	43.61	1,212	11.29	256	2.38	42	0.39	-	-
Dire	4,116	30.00	6,967	50.78	2,000	14.58	373	2.72	186	1.36	77	0.56
Teltele	3,067	41.67	3,583	48.68	512	6.96	127	1.73	47	0.64	25	0.34
Gelana Abaya	21,769	79.95	4,993	18.34	467	1.72	-	-	-	-	-	-

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	%
Oromia Region	1,420,040	35.66	2,154,441	54.11	361,099	9.07	31,392	0.79	10,903	0.27	3,829	0.10
West Welega Zone.....	117,619	37.47	178,228	56.77	16,715	5.32	905	0.29	331	0.11	125	0.04
Mana Sibu.....	7,568	28.01	17,697	65.49	1,504	5.57	193	0.71	31	0.11	29	0.11
Nejo.....	5,179	28.91	11,467	64.00	1,178	6.58	22	0.12	-	-	70	0.39
Gimbi.....	6,812	39.85	9,459	55.33	825	4.83	-	-	-	-	-	-
Lalo Asabi.....	4,116	37.74	6,424	58.90	323	2.96	30	0.28	13	0.12	-	-
Boji	5,159	33.97	9,014	59.35	988	6.51	-	-	27	0.18	-	-
Ayra Guliso.....	5,165	31.55	9,985	60.99	1,066	6.51	135	0.82	20	0.12	-	-
Jarso	3,121	19.28	11,828	73.06	1,198	7.40	23	0.14	-	-	20	0.12
Gidami	6,865	50.34	6,219	45.61	429	3.15	123	0.90	-	-	-	-
Jimma Horo	1,759	25.61	4,510	65.66	577	8.40	23	0.33	-	-	-	-
Hawa Welel	7,061	40.78	9,301	53.72	852	4.92	76	0.44	25	0.14	-	-
Gawo Dale	7,563	31.75	14,718	61.79	1,481	6.22	31	0.13	27	0.11	-	-
Dale Sadi.....	4,456	40.08	6,173	55.53	406	3.65	67	0.60	15	0.13	-	-
Yubdo	1,566	27.77	3,607	63.95	424	7.52	30	0.53	7	0.12	6	0.11
Ganji	3,602	37.48	5,473	56.95	481	5.00	35	0.36	20	0.21	-	-
Haru	4,860	42.23	6,201	53.88	433	3.76	14	0.12	-	-	-	-
Nole Kaba.....	8,385	35.85	12,908	55.19	2,037	8.71	58	0.25	-	-	-	-
Lalo Kilie.....	2,321	29.38	5,100	64.56	479	6.06	-	-	-	-	-	-
Sayo	10,059	50.69	9,008	45.39	777	3.92	-	-	-	-	-	-
Anfilo.....	8,430	71.15	3,028	25.56	379	3.20	11	0.09	-	-	-	-
Begi.....	13,566	44.14	16,110	52.42	878	2.86	34	0.11	146	0.48	-	-
East Welega Zone.....	71,757	27.50	156,845	60.12	29,114	11.16	2,270	0.87	661	0.25	246	0.09
Limu.....	7,741	37.41	11,631	56.22	1,290	6.23	28	0.14	-	-	-	-
Ibantu.....	993	19.52	3,457	67.96	580	11.40	57	1.12	-	-	-	-
Gida Kiremu	6,819	30.76	13,204	59.56	1,946	8.78	143	0.65	56	0.25	-	-
Jarte.....	1,119	15.20	4,906	66.63	1,219	16.56	119	1.62	-	-	-	-
Amuru.....	1,606	20.75	4,830	62.41	1,179	15.23	75	0.97	18	0.23	31	0.40
Abe Dongoro	4,183	44.17	4,941	52.18	336	3.55	10	0.11	-	-	-	-
Jimma Horo	5,023	20.91	15,042	62.61	3,584	14.92	202	0.84	99	0.41	73	0.30
Abay Chomen.....	938	19.89	2,631	55.80	951	20.17	137	2.91	41	0.87	17	0.36
Guduru.....	5,330	24.77	12,548	58.31	3,147	14.62	346	1.61	117	0.54	32	0.15
Jimma Rare.....	1,806	23.34	4,865	62.87	979	12.65	54	0.70	22	0.28	12	0.16
Bila Seyo.....	3,800	28.21	8,056	59.81	1,488	11.05	107	0.79	-	-	19	0.14
Sibu Sire	3,900	25.65	9,466	62.26	1,707	11.23	112	0.74	18	0.12	-	-
Guto Wayu.....	8,956	31.44	16,646	58.43	2,483	8.72	332	1.17	39	0.14	31	0.11
Sasiga.....	4,144	36.52	6,408	56.48	771	6.80	-	-	23	0.20	-	-
Leka Dulecha.....	2,744	26.00	6,767	64.11	968	9.17	48	0.45	28	0.27	-	-
Diga.....	4,145	34.93	6,388	53.83	1,206	10.16	63	0.53	53	0.45	13	0.11
Jimma Arjo	3,504	26.28	8,191	61.43	1,532	11.49	88	0.66	18	0.14	-	-
Nunu Kumba.....	2,053	19.67	7,399	70.89	895	8.57	40	0.38	51	0.49	-	-
Wama Bonaya.....	2,945	18.78	9,469	60.39	2,854	18.20	312	1.99	81	0.52	19	0.12
Illibabor Zone	63,446	32.49	111,348	57.02	18,215	9.33	1,626	0.83	460	0.24	192	0.10
Darimu.....	10,292	46.10	9,887	44.29	1,947	8.72	117	0.52	81	0.36	-	-
Supena Sodo	4,617	35.14	7,386	56.21	1,036	7.88	66	0.50	34	0.26	-	-
Chora.....	6,222	31.82	11,234	57.45	1,887	9.65	211	1.08	-	-	-	-
Dega.....	2,419	23.74	6,287	61.69	1,226	12.03	216	2.12	29	0.28	14	0.14
Bedele	5,458	26.61	12,313	60.03	2,273	11.08	275	1.34	110	0.54	84	0.41
Gechi.....	2,521	23.14	7,251	66.57	936	8.59	42	0.39	130	1.19	13	0.12
Borecha Wereda	2,360	26.14	5,854	64.83	732	8.11	73	0.81	11	0.12	-	-
Dedesa.....	3,742	26.67	8,475	60.39	1,591	11.34	156	1.11	15	0.11	54	0.38
yayu.....	6,629	34.52	10,766	56.07	1,727	8.99	79	0.41	-	-	-	-
Metu.....	9,468	41.80	11,146	49.21	1,852	8.18	158	0.70	-	-	27	0.12

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	%
East Harerge Zone												
Meta	29,207	66.72	13,696	31.29	512	1.17	-	-	360	0.82	-	-
Goro Gutu	14,932	58.06	10,668	41.48	118	0.46	-	-	-	-	-	-
Deder	25,752	67.30	11,978	31.30	355	0.93	120	0.31	60	0.16	-	-
Malka Balo	19,042	76.38	5,593	22.43	295	1.18	-	-	-	-	-	-
Bedeno	34,203	78.89	8,920	20.57	112	0.26	-	-	60	0.14	61	0.14
Girawa	34,176	87.89	4,661	11.99	49	0.13	-	-	-	-	-	-
Gola Oda	2,201	28.00	5,405	68.76	216	2.75	23	0.29	16	0.20	-	-
Bale Zone	88,688	34.23	139,519	53.86	28,496	11.00	1,768	0.68	437	0.17	150	0.06
Kokosa	22,322	95.50	997	4.27	56	0.24	-	-	-	-	-	-
Dodola	8,808	37.24	10,427	44.09	3,807	16.10	462	1.95	96	0.41	50	0.21
Adaba	5,240	26.39	10,551	53.14	3,649	18.38	342	1.72	74	0.37	-	-
Agarfa	2,070	15.75	8,355	63.56	2,482	18.88	139	1.06	34	0.26	66	0.50
Gasera	3,155	26.10	7,256	60.03	1,561	12.91	87	0.72	29	0.24	-	-
Gololcha	2,816	18.88	9,859	66.11	2,093	14.03	85	0.57	61	0.41	-	-
Legehida	1,374	16.98	6,481	80.07	229	2.83	-	-	-	-	10	0.12
Ginir	3,807	17.58	14,776	68.24	2,936	13.56	94	0.43	40	0.18	-	-
Sinanana Dinsho	3,958	15.84	14,812	59.28	5,878	23.52	237	0.95	103	0.41	-	-
Goba	1,211	16.86	4,721	65.72	1,203	16.75	48	0.67	-	-	-	-
Mennana Arena Buluk	7,894	41.12	10,871	56.63	433	2.26	-	-	-	-	-	-
Nensebo	12,800	90.34	1,267	8.94	87	0.61	-	-	-	-	15	0.11
Meda Welabu	3,053	24.31	9,005	71.71	428	3.41	71	0.57	-	-	-	-
Berbera	3,109	30.44	6,783	66.42	311	3.05	-	-	-	-	10	0.10
Guradamole	676	16.25	3,280	78.85	204	4.90	-	-	-	-	-	-
Goro	1,733	10.88	11,082	69.55	2,934	18.41	185	1.16	-	-	-	-
Raytu	2,482	40.24	3,567	57.83	106	1.72	13	0.21	-	-	-	-
Seweyna	2,177	28.23	5,428	70.39	100	1.30	6	0.08	-	-	-	-
Borena Zone	185,898	65.66	81,544	28.80	12,524	4.42	2,185	0.77	714	0.25	239	0.08
Uraga	35,161	82.49	6,659	15.62	741	1.74	62	0.15	-	-	-	-
Bore	15,736	51.71	13,908	45.70	737	2.42	-	-	52	0.17	-	-
Adolana Wadera	7,118	31.47	13,259	58.63	1,800	7.96	327	1.45	112	0.50	-	-
Odo Shakiso	10,756	76.75	3,164	22.58	85	0.61	10	0.07	-	-	-	-
Hager Mariam	73,724	85.61	9,623	11.17	2,066	2.40	608	0.71	95	0.11	-	-
Yabelo	3,935	39.03	4,668	46.30	1,100	10.91	293	2.91	46	0.46	39	0.39
Arero	1,638	49.17	1,239	37.20	319	9.58	90	2.70	22	0.66	23	0.69
Liben	5,435	36.61	8,539	57.52	743	5.01	108	0.73	19	0.13	-	-
Moyale	4,480	41.73	4,319	40.23	1,631	15.19	147	1.37	117	1.09	42	0.39
Dire	4,047	29.50	6,962	50.75	2,062	15.03	399	2.91	148	1.08	101	0.74
Teltele	2,133	28.98	4,254	57.79	695	9.44	141	1.92	104	1.41	34	0.46
Gelana Abaya	21,732	79.81	4,951	18.18	546	2.01	-	-	-	-	-	-

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	%
East Harerge Zone												
Meta	28,776	65.74	14,404	32.90	595	1.36	-	-	-	-	-	-
Goro Gutu	14,470	56.26	10,988	42.72	260	1.01	-	-	-	-	-	-
Deder	25,485	66.60	12,129	31.70	599	1.57	52	0.14	-	-	-	-
Malka Balo	18,569	74.48	6,084	24.40	277	1.11	-	-	-	-	-	-
Bedeno	33,578	77.45	9,778	22.55	-	-	-	-	-	-	-	-
Girawa	33,910	87.20	4,917	12.64	59	0.15	-	-	-	-	-	-
Gola Oda	2,007	25.53	5,592	71.14	225	2.86	21	0.27	16	0.20	-	-
Bale Zone	86,428	33.36	139,601	53.89	30,500	11.77	1,924	0.74	452	0.17	153	0.06
Kokosa	22,322	95.50	833	3.56	220	0.94	-	-	-	-	-	-
Dodola	8,625	36.47	10,249	43.34	4,192	17.73	472	2.00	59	0.25	53	0.22
Adaba	4,722	23.78	10,833	54.56	3,863	19.46	364	1.83	74	0.37	-	-
Agarfa	2,093	15.92	8,406	63.94	2,403	18.28	157	1.19	48	0.37	39	0.30
Gasera	3,192	26.41	7,157	59.21	1,621	13.41	105	0.87	13	0.11	-	-
Gololcha	2,802	18.79	9,818	65.83	2,148	14.40	102	0.68	44	0.30	-	-
Legehida	1,242	15.34	6,533	80.71	295	3.64	24	0.30	-	-	-	-
Ginir	4,032	18.62	14,591	67.39	2,828	13.06	72	0.33	107	0.49	23	0.11
Sinanana Dinsho	3,782	15.14	15,217	60.90	5,727	22.92	199	0.80	63	0.25	-	-
Goba	1,264	17.60	4,593	63.94	1,244	17.32	55	0.77	27	0.38	-	-
Mennana Arena Buluk	7,312	38.09	11,029	57.45	791	4.12	66	0.34	-	-	-	-
Nensebo	12,691	89.57	1,227	8.66	232	1.64	19	0.13	-	-	-	-
Meda Welabu	2,787	22.19	8,855	70.52	843	6.71	55	0.44	17	0.14	-	-
Berbera	2,834	27.75	6,911	67.67	415	4.06	24	0.23	-	-	29	0.28
Guradamole	613	14.74	3,114	74.86	426	10.24	7	0.17	-	-	-	-
Goro	1,617	10.15	11,353	71.25	2,774	17.41	190	1.19	-	-	-	-
Raytu	2,480	40.21	3,484	56.49	189	3.06	7	0.11	-	-	8	0.13
Seweyna	2,021	26.21	5,397	69.99	287	3.72	6	0.08	-	-	-	-
Borena Zone	186,126	65.74	80,349	28.38	13,500	4.77	2,221	0.78	673	0.24	235	0.08
Uraga	35,607	83.54	6,213	14.58	741	1.74	62	0.15	-	-	-	-
Bore	15,740	51.72	13,760	45.21	881	2.89	-	-	52	0.17	-	-
Adolana Wadera	7,628	33.73	12,870	56.91	1,791	7.92	245	1.08	82	0.36	-	-
Odo Shakiso	10,222	72.94	3,507	25.02	254	1.81	32	0.23	-	-	-	-
Hager Mariam	74,182	86.14	9,469	11.00	1,952	2.27	418	0.49	95	0.11	-	-
Yabelo	3,569	35.40	4,555	45.18	1,486	14.74	327	3.24	92	0.91	52	0.52
Arero	1,562	46.89	1,263	37.92	385	11.56	89	2.67	17	0.51	15	0.45
Liben	5,102	34.37	8,100	54.57	1,413	9.52	191	1.29	38	0.26	-	-
Moyale	4,563	42.50	4,681	43.60	1,149	10.70	300	2.79	43	0.40	-	-
Dire	4,043	29.47	6,852	49.95	2,117	15.43	441	3.21	175	1.28	91	0.66
Teltele	2,013	27.35	4,246	57.68	827	11.23	116	1.58	81	1.10	78	1.06
Gelana Abaya	21,892	80.40	4,832	17.75	505	1.85	-	-	-	-	-	-

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	%
East Harerge Zone												
Meta.....	15,317	34.99	25,971	59.33	2,292	5.24	88	0.20	107	0.24	-	-
Goro Gutu.....	13,010	50.59	12,089	47.01	560	2.18	59	0.23	-	-	-	-
Deder	12,398	32.40	24,616	64.33	1,251	3.27	-	-	-	-	-	-
Malka Balo	11,584	46.47	12,765	51.20	513	2.06	68	0.27	-	-	-	-
Bedeno	15,692	36.19	26,312	60.69	1,251	2.89	101	0.23	-	-	-	-
Girawa	15,086	38.80	23,183	59.62	617	1.59	-	-	-	-	-	-
Gola Oda.....	6,126	77.93	1,579	20.09	137	1.74	19	0.24	-	-	-	-
Bale Zone.....	65,662	25.35	140,632	54.29	44,398	17.14	6,191	2.39	1,477	0.57	698	0.27
Kokosa.....	17,280	73.93	5,130	21.95	876	3.75	26	0.11	29	0.12	34	0.15
Dodola	5,220	22.07	12,023	50.84	5,264	22.26	649	2.74	441	1.86	53	0.22
Adaba.....	3,280	16.52	10,247	51.61	5,026	25.31	951	4.79	195	0.98	157	0.79
Agarfa.....	2,523	19.19	6,904	52.52	3,020	22.97	420	3.19	245	1.86	34	0.26
Gasera.....	2,504	20.71	7,132	59.00	2,168	17.94	252	2.08	19	0.16	13	0.11
Gololcha	2,948	19.77	7,879	52.83	3,493	23.42	452	3.03	103	0.69	39	0.26
Legehida	2,629	32.48	4,933	60.95	485	5.99	47	0.58	-	-	-	-
Ginir.....	4,101	18.94	13,429	62.02	3,519	16.25	476	2.20	70	0.32	58	0.27
Sinanana Dinsho.....	3,300	13.21	13,401	53.63	6,634	26.55	1,257	5.03	194	0.78	202	0.81
Goba	846	11.78	4,087	56.90	1,823	25.38	332	4.62	78	1.09	17	0.24
Mennana Arena Buluk	3,374	17.57	12,622	65.75	2,890	15.05	290	1.51	22	0.11	-	-
Nensebo	5,618	39.65	7,269	51.30	1,166	8.23	116	0.82	-	-	-	-
Meda Welabu	2,099	16.72	8,357	66.55	1,909	15.20	143	1.14	12	0.10	37	0.29
Berbere	1,807	17.69	6,249	61.19	1,855	18.16	289	2.83	-	-	13	0.13
Guradamole	791	19.01	2,990	71.88	372	8.94	7	0.17	-	-	-	-
Goro.....	1,373	8.62	11,081	69.54	2,958	18.56	421	2.64	60	0.38	41	0.26
Raytu.....	2,897	46.97	2,598	42.12	643	10.42	22	0.36	8	0.13	-	-
Seweyna.....	3,072	39.84	4,300	55.76	298	3.86	41	0.53	-	-	-	-
Borena Zone	137,204	48.46	112,808	39.85	25,848	9.13	4,897	1.73	1,860	0.66	487	0.17
Uraga	22,729	53.33	17,309	40.61	2,472	5.80	113	0.27	-	-	-	-
Bore	6,284	20.65	20,318	66.76	3,568	11.72	175	0.58	52	0.17	36	0.12
Adolana Wadera.....	1,712	7.57	12,073	53.38	6,500	28.74	1,697	7.50	491	2.17	143	0.63
Odo Shakiso	2,375	16.95	7,519	53.65	3,215	22.94	666	4.75	151	1.08	89	0.64
Hager Mariam.....	59,151	68.69	22,097	25.66	3,800	4.41	763	0.89	305	0.35	-	-
Yabelo.....	5,930	58.82	2,712	26.90	1,042	10.34	214	2.12	142	1.41	41	0.41
Arero.....	2,173	65.24	757	22.73	275	8.26	66	1.98	35	1.05	25	0.75
Liben.....	5,043	33.97	7,727	52.05	1,389	9.36	429	2.89	186	1.25	70	0.47
Moyale.....	4,142	38.58	4,983	46.41	1,078	10.04	251	2.34	261	2.43	21	0.20
Dire.....	7,932	57.82	4,254	31.01	1,143	8.33	260	1.90	130	0.95	-	-
Teltele.....	5,215	70.85	1,759	23.90	262	3.56	57	0.77	37	0.50	31	0.42
Gelana Abaya	14,517	53.31	11,300	41.50	1,104	4.05	206	0.76	71	0.26	31	0.11

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	%
Oromia Region	3,660,261	91.93	259,231	6.51	53,609	1.35	6,784	0.17	1,582	0.04	237	0.01
West Welega Zone.....	312,856	99.66	643	0.20	270	0.09	92	0.03	31	0.01	31	0.01
Mana Sibu.....	26,942	99.70	53	0.20	27	0.10	-	-	-	-	-	-
Nejo.....	17,845	99.60	50	0.28	21	0.12	-	-	-	-	-	-
Gimbi.....	17,048	99.72	26	0.15	22	0.13	-	-	-	-	-	-
Lalo Asabi.....	10,892	99.87	-	-	-	-	-	-	14	0.13	-	-
Boji	15,137	99.66	17	0.11	-	-	17	0.11	17	0.11	-	-
Ayra Guliso.....	16,265	99.35	106	0.65	-	-	-	-	-	-	-	-
Jarso	16,055	99.17	78	0.48	37	0.23	20	0.12	-	-	-	-
Gidami	13,558	99.43	45	0.33	33	0.24	-	-	-	-	-	-
Jimma Horo	6,869	100.00	-	-	-	-	-	-	-	-	-	-
Hawa Welel	17,315	100.00	-	-	-	-	-	-	-	-	-	-
Gawo Dale	23,658	99.32	72	0.30	60	0.25	30	0.13	-	-	-	-
Dale Sadi.....	11,117	100.00	-	-	-	-	-	-	-	-	-	-
Yubdo	5,632	99.86	8	0.14	-	-	-	-	-	-	-	-
Ganji	9,575	99.63	12	0.12	24	0.25	-	-	-	-	-	-
Haru	11,494	99.88	-	-	14	0.12	-	-	-	-	-	-
Nole Kaba.....	23,194	99.17	130	0.56	33	0.14	-	-	-	-	31	0.13
Lalo Kilie.....	7,900	100.00	-	-	-	-	-	-	-	-	-	-
Sayo	19,789	99.72	30	0.15	-	-	25	0.13	-	-	-	-
Anfilo.....	11,831	99.86	17	0.14	-	-	-	-	-	-	-	-
Begi.....	30,734	100.00	-	-	-	-	-	-	-	-	-	-
East Welega Zone.....	258,850	99.22	1,193	0.46	573	0.22	214	0.08	63	0.02	-	-
Limu.....	20,578	99.46	61	0.29	51	0.25	-	-	-	-	-	-
Ibantu.....	5,033	98.94	20	0.39	34	0.67	-	-	-	-	-	-
Gida Kiremu	22,025	99.35	114	0.51	29	0.13	-	-	-	-	-	-
Jarte.....	7,275	98.80	50	0.68	29	0.39	9	0.12	-	-	-	-
Amuru.....	7,648	98.82	50	0.65	41	0.53	-	-	-	-	-	-
Abe Dongoro	9,418	99.45	31	0.33	11	0.12	-	-	10	0.11	-	-
Jimma Horo	23,868	99.35	92	0.38	29	0.12	-	-	34	0.14	-	-
Abay Chomen.....	4,661	98.85	22	0.47	15	0.32	10	0.21	7	0.15	-	-
Guduru	21,337	99.15	24	0.11	159	0.74	-	-	-	-	-	-
Jimma Rare.....	7,682	99.28	34	0.44	11	0.14	11	0.14	-	-	-	-
Bila Seyo.....	13,149	97.62	303	2.25	18	0.13	-	-	-	-	-	-
Sibu Sire	15,080	99.19	37	0.24	-	-	86	0.57	-	-	-	-
Guto Wayu.....	28,425	99.78	-	-	29	0.10	33	0.12	-	-	-	-
Sasiga.....	11,334	99.89	12	0.11	-	-	-	-	-	-	-	-
Leka Dulecha.....	10,488	99.37	26	0.25	27	0.26	14	0.13	-	-	-	-
Diga.....	11,637	98.05	199	1.68	13	0.11	19	0.16	-	-	-	-
Jimma Arjo	13,142	98.57	82	0.62	75	0.56	34	0.26	-	-	-	-
Nunu Kumba.....	10,408	99.71	17	0.16	-	-	-	-	13	0.12	-	-
Wama Bonaya.....	15,660	99.87	20	0.13	-	-	-	-	-	-	-	-
Illibabor Zone	194,434	99.56	714	0.37	74	0.04	21	0.01	44	0.02	-	-
Darimu	22,324	100.00	-	-	-	-	-	-	-	-	-	-
Supena Sodo	13,069	99.47	18	0.14	36	0.27	-	-	16	0.12	-	-
Chora.....	19,507	99.76	47	0.24	-	-	-	-	-	-	-	-
Dega.....	10,153	99.63	12	0.12	26	0.26	-	-	-	-	-	-
Bedele	20,344	99.18	141	0.69	-	-	-	-	28	0.14	-	-
Gechi.....	10,807	99.21	57	0.52	13	0.12	16	0.15	-	-	-	-
Borecha Wereda.....	9,009	99.77	21	0.23	-	-	-	-	-	-	-	-
Dedesa.....	14,033	100.00	-	-	-	-	-	-	-	-	-	-
yayu.....	19,150	99.73	51	0.27	-	-	-	-	-	-	-	-
Metu.....	22,506	99.36	145	0.64	-	-	-	-	-	-	-	-

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	%
Illibabor Zone												
Ale.....	17,231	99.28	125	0.72	-	-	-	-	-	-	-	-
Bure.....	11,906	99.28	86	0.72	-	-	-	-	-	-	-	-
Nono.....	4,393	99.59	12	0.27	-	-	6	0.14	-	-	-	-
Jimma Zone	441,615	99.62	1,681	0.38	-	-	-	-	19	0.00	-	-
Limu Seka.....	29,206	99.87	39	0.13	-	-	-	-	-	-	-	-
Limu Kosa.....	45,531	99.15	390	0.85	-	-	-	-	-	-	-	-
Sokoru.....	25,554	99.87	32	0.13	-	-	-	-	-	-	-	-
Tiro Afeta	23,983	99.37	152	0.63	-	-	-	-	-	-	-	-
Kersa.....	29,435	99.87	39	0.13	-	-	-	-	-	-	-	-
Mana.....	27,776	99.86	40	0.14	-	-	-	-	-	-	-	-
Goma.....	49,333	99.62	190	0.38	-	-	-	-	-	-	-	-
Gera.....	20,608	99.06	176	0.85	-	-	-	-	19	0.09	-	-
Seka chekorsa	56,356	99.88	66	0.12	-	-	-	-	-	-	-	-
Dedo.....	53,818	99.60	217	0.40	-	-	-	-	-	-	-	-
Omonada.....	45,676	99.36	296	0.64	-	-	-	-	-	-	-	-
Sigmo.....	16,132	100.00	-	-	-	-	-	-	-	-	-	-
Setema	18,206	99.76	43	0.24	-	-	-	-	-	-	-	-
West Shewa Zone	481,996	95.90	15,864	3.16	4,160	0.83	454	0.09	97	0.02	20	0.00
Ginde Beret.....	33,411	99.35	134	0.40	85	0.25	-	-	-	-	-	-
Jeldu.....	33,136	98.32	433	1.28	132	0.39	-	-	-	-	-	-
Ambo	38,688	96.43	1,052	2.62	288	0.72	94	0.23	-	-	-	-
Cheliya.....	36,793	99.41	218	0.59	-	-	-	-	-	-	-	-
Bako Tibe	19,301	99.55	45	0.23	43	0.22	-	-	-	-	-	-
Dano.....	15,490	99.65	16	0.10	18	0.12	-	-	-	-	20	0.13
Nono	23,054	99.63	60	0.26	26	0.11	-	-	-	-	-	-
Tikur	12,536	99.52	60	0.48	-	-	-	-	-	-	-	-
Amaya.....	21,399	97.52	408	1.86	136	0.62	-	-	-	-	-	-
Wonchi.....	17,290	99.34	71	0.41	44	0.25	-	-	-	-	-	-
Dendi	36,096	97.28	821	2.21	142	0.38	47	0.13	-	-	-	-
Ejerie.....	14,020	92.12	1,024	6.73	157	1.03	18	0.12	-	-	-	-
Adda Berga.....	19,043	98.66	155	0.80	56	0.29	22	0.11	26	0.13	-	-
Walmara.....	12,558	73.55	3,048	17.85	1,270	7.44	152	0.89	45	0.26	-	-
Alem Gana	14,923	72.42	4,462	21.65	1,117	5.42	79	0.38	26	0.13	-	-
Kersana Kondaltiti.....	20,821	94.42	892	4.05	310	1.41	28	0.13	-	-	-	-
Tole.....	9,692	93.18	639	6.14	70	0.67	-	-	-	-	-	-
Elu.....	9,876	95.38	442	4.27	36	0.35	-	-	-	-	-	-
Dawo.....	12,711	97.27	287	2.20	70	0.54	-	-	-	-	-	-
Walisona Goro.....	35,328	99.14	259	0.73	46	0.13	-	-	-	-	-	-
Becho	10,581	93.69	673	5.96	27	0.24	13	0.12	-	-	-	-
Kokir.....	12,222	98.87	140	1.13	-	-	-	-	-	-	-	-
Meta Robi.....	23,026	97.41	526	2.23	87	0.37	-	-	-	-	-	-
North Shewa(Oromia) Zone	225,339	95.08	9,299	3.92	2,174	0.92	107	0.05	92	0.04	-	-
Wara Jarso	24,878	99.48	95	0.38	36	0.14	-	-	-	-	-	-
Dera.....	34,836	99.43	41	0.12	158	0.45	-	-	-	-	-	-
Hidabu Abote.....	15,792	99.42	67	0.42	25	0.16	-	-	-	-	-	-
Kuyu	20,008	99.59	82	0.41	-	-	-	-	-	-	-	-
Degem.....	17,597	98.11	311	1.73	28	0.16	-	-	-	-	-	-
Gerar Jarso	12,837	97.52	291	2.21	35	0.27	-	-	-	-	-	-
Yaya Gulelena Debre	16,169	97.60	376	2.27	21	0.13	-	-	-	-	-	-
Wuchalena Jido	21,335	96.90	592	2.69	90	0.41	-	-	-	-	-	-
Abichuna Gna'a	11,340	95.55	482	4.06	46	0.39	-	-	-	-	-	-
Kembibit.....	10,388	95.65	460	4.24	12	0.11	-	-	-	-	-	-
Berehna Aleltu.....	19,212	77.55	4,414	17.82	1,023	4.13	33	0.13	92	0.37	-	-
Mulona Sululta	20,948	87.98	2,088	8.77	700	2.94	74	0.31	-	-	-	-

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	%
East Shewa Zone	235,010	74.61	60,572	19.23	15,691	4.98	2,950	0.94	623	0.20	120	0.04
Fentale	6,640	99.45	-	-	37	0.55	-	-	-	-	-	-
Boset	18,901	76.10	4,713	18.98	1,057	4.26	137	0.55	29	0.12	-	-
Adama	13,318	49.50	10,064	37.40	2,638	9.80	683	2.54	203	0.75	-	-
Lome	5,608	38.51	5,608	38.51	2,694	18.50	534	3.67	120	0.82	-	-
Gimbichu	7,931	50.94	5,604	35.99	1,890	12.14	107	0.69	37	0.24	-	-
Ada'a Liben Chukala	24,645	61.34	11,028	27.45	3,519	8.76	864	2.15	80	0.20	40	0.10
Dugda Bora	18,578	64.41	8,837	30.64	1,143	3.96	173	0.60	33	0.11	80	0.28
Adami Tullu Jido	21,612	90.83	1,840	7.73	342	1.44	-	-	-	-	-	-
Arsi Negele	21,779	81.93	4,233	15.92	420	1.58	108	0.41	44	0.17	-	-
Shashemene	42,443	92.05	3,524	7.64	141	0.31	-	-	-	-	-	-
Seraro	47,815	99.18	240	0.50	110	0.23	-	-	44	0.09	-	-
Akaki	5,740	45.21	4,880	38.44	1,700	13.39	343	2.70	33	0.26	-	-
Arsi Zone	326,216	66.17	136,933	27.78	26,654	5.41	2,612	0.53	527	0.11	65	0.01
Merti	20,671	90.86	1,851	8.14	228	1.00	-	-	-	-	-	-
Aseko	13,649	94.81	529	3.67	182	1.26	36	0.25	-	-	-	-
Gololcha	29,009	99.42	169	0.58	-	-	-	-	-	-	-	-
Jeju	17,487	78.71	4,135	18.61	516	2.32	21	0.09	29	0.13	29	0.13
Dodotana Sire	11,818	51.64	8,980	39.24	1,691	7.39	331	1.45	67	0.29	-	-
Zeway Dugda	13,789	65.04	6,790	32.03	602	2.84	19	0.09	-	-	-	-
Hitosa	15,436	39.35	18,223	46.45	4,899	12.49	507	1.29	128	0.33	36	0.09
Sude	22,042	86.44	3,217	12.62	242	0.95	-	-	-	-	-	-
Chole	14,839	93.22	928	5.83	151	0.95	-	-	-	-	-	-
Amigna	9,401	84.12	1,666	14.91	109	0.98	-	-	-	-	-	-
Seru	14,347	78.81	3,572	19.62	286	1.57	-	-	-	-	-	-
Robe	21,122	78.05	5,461	20.18	479	1.77	-	-	-	-	-	-
Tena	15,534	75.10	4,530	21.90	564	2.73	56	0.27	-	-	-	-
Sherka	19,653	74.43	5,741	21.74	949	3.59	30	0.11	32	0.12	-	-
Digeluna Tijo	8,041	36.25	10,988	49.54	2,713	12.23	355	1.60	84	0.38	-	-
Tiyo	5,963	37.32	6,976	43.66	2,674	16.74	289	1.81	76	0.48	-	-
Munesa	19,040	54.14	13,166	37.43	2,673	7.60	292	0.83	-	-	-	-
Bekoji	15,204	42.24	16,261	45.18	4,134	11.48	314	0.87	82	0.23	-	-
Gedeb	9,659	38.87	12,641	50.88	2,278	9.17	240	0.97	29	0.12	-	-
Kofele	29,508	70.21	11,109	26.43	1,288	3.06	123	0.29	-	-	-	-
West Harerge Zone	286,941	98.48	4,130	1.42	285	0.10	-	-	-	-	-	-
Mieso	15,786	96.26	492	3.00	122	0.74	-	-	-	-	-	-
Doba	22,188	97.45	580	2.55	-	-	-	-	-	-	-	-
Tulo	24,178	99.38	151	0.62	-	-	-	-	-	-	-	-
Mesela	25,651	99.27	189	0.73	-	-	-	-	-	-	-	-
Chiro	61,000	97.81	1,298	2.08	70	0.11	-	-	-	-	-	-
Goba Koricha	19,836	99.11	150	0.75	28	0.14	-	-	-	-	-	-
Anchar	13,351	99.41	79	0.59	-	-	-	-	-	-	-	-
Habro	29,996	98.72	358	1.18	32	0.11	-	-	-	-	-	-
Darolebu	26,878	99.63	100	0.37	-	-	-	-	-	-	-	-
Boke	21,717	98.07	427	1.93	-	-	-	-	-	-	-	-
Kuni	26,362	98.73	306	1.15	33	0.12	-	-	-	-	-	-
East Harerge Zone	383,056	98.93	3,982	1.03	155	0.04	-	-	-	-	-	-
Kombolcha	20,575	99.35	109	0.53	26	0.13	-	-	-	-	-	-
Jarso	16,865	98.90	157	0.92	30	0.18	-	-	-	-	-	-
Gursum	25,265	98.82	249	0.97	53	0.21	-	-	-	-	-	-
Babile	10,147	99.12	90	0.88	-	-	-	-	-	-	-	-
Fedis	24,387	99.28	152	0.62	26	0.11	-	-	-	-	-	-
Haro Maya	30,031	95.63	1,373	4.37	-	-	-	-	-	-	-	-
Kurfa Chele	7,042	98.88	60	0.84	20	0.28	-	-	-	-	-	-
Kersa	27,351	98.58	394	1.42	-	-	-	-	-	-	-	-

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	%
East Harerge Zone												
Meta	43,520	99.42	255	0.58	-	-	-	-	-	-	-	-
Goro Gutu	25,537	99.30	181	0.70	-	-	-	-	-	-	-	-
Deder	38,116	99.61	149	0.39	-	-	-	-	-	-	-	-
Malka Balo	24,676	98.98	254	1.02	-	-	-	-	-	-	-	-
Bedeno	43,063	99.32	293	0.68	-	-	-	-	-	-	-	-
Girawa	38,656	99.41	230	0.59	-	-	-	-	-	-	-	-
Gola Oda	7,824	99.53	37	0.47	-	-	-	-	-	-	-	-
Bale Zone	231,116	89.21	24,112	9.31	3,411	1.32	334	0.13	85	0.03	-	-
Kokosa	23,208	99.29	167	0.71	-	-	-	-	-	-	-	-
Dodola	16,191	68.46	5,915	25.01	1,306	5.52	153	0.65	85	0.36	-	-
Adaba	12,891	64.92	5,705	28.73	1,117	5.63	143	0.72	-	-	-	-
Agarfa	10,371	78.89	2,559	19.47	216	1.64	-	-	-	-	-	-
Gasera	11,117	91.97	946	7.83	25	0.21	-	-	-	-	-	-
Gololcha	14,343	96.17	523	3.51	48	0.32	-	-	-	-	-	-
Legehida	8,031	99.22	50	0.62	13	0.16	-	-	-	-	-	-
Ginir	21,142	97.64	494	2.28	17	0.08	-	-	-	-	-	-
Sinanana Dinsho	18,460	73.88	6,054	24.23	437	1.75	37	0.15	-	-	-	-
Goba	6,252	87.04	847	11.79	84	1.17	-	-	-	-	-	-
Mennana Arena Buluk	19,056	99.26	142	0.74	-	-	-	-	-	-	-	-
Nensebo	13,996	98.78	153	1.08	20	0.14	-	-	-	-	-	-
Meda Welabu	12,545	99.90	12	0.10	-	-	-	-	-	-	-	-
Berbera	10,165	99.53	48	0.47	-	-	-	-	-	-	-	-
Guradamole	4,136	99.42	24	0.58	-	-	-	-	-	-	-	-
Goro	15,389	96.58	424	2.66	121	0.76	-	-	-	-	-	-
Raytu	6,168	100.00	-	-	-	-	-	-	-	-	-	-
Seweyna	7,657	99.30	48	0.62	6	0.08	-	-	-	-	-	-
Borena Zone	282,835	99.90	108	0.04	161	0.06	-	-	-	-	-	-
Uruga	42,623	100.00	-	-	-	-	-	-	-	-	-	-
Bore	30,433	100.00	-	-	-	-	-	-	-	-	-	-
Adolana Wadera	22,515	99.55	-	-	101	0.45	-	-	-	-	-	-
Odo Shakiso	14,015	100.00	-	-	-	-	-	-	-	-	-	-
Hager Mariam	86,116	100.00	-	-	-	-	-	-	-	-	-	-
Yabelo	10,009	99.29	43	0.43	29	0.29	-	-	-	-	-	-
Arero	3,325	99.82	6	0.18	-	-	-	-	-	-	-	-
Liben	14,793	99.66	32	0.22	19	0.13	-	-	-	-	-	-
Moyale	10,736	100.00	-	-	-	-	-	-	-	-	-	-
Dire	13,692	99.80	27	0.20	-	-	-	-	-	-	-	-
Teltele	7,348	99.82	-	-	13	0.18	-	-	-	-	-	-
Gelana Abaya	27,229	100.00	-	-	-	-	-	-	-	-	-	-

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	%
East Harerge Zone												
Meta	28,579	65.29	13,648	31.18	1,492	3.41	56	0.13	-	-	-	-
Goro Gutu	17,948	69.79	7,436	28.91	334	1.30	-	-	-	-	-	-
Deder	27,032	70.64	9,747	25.47	1,331	3.48	155	0.41	-	-	-	-
Malka Balo	17,770	71.28	6,338	25.42	750	3.01	72	0.29	-	-	-	-
Bedeno	29,442	67.91	12,838	29.61	894	2.06	182	0.42	-	-	-	-
Girawa	30,900	79.46	7,171	18.44	815	2.10	-	-	-	-	-	-
Gola Oda	6,305	80.21	1,335	16.98	221	2.81	-	-	-	-	-	-
Bale Zone	175,407	67.71	65,458	25.27	15,873	6.13	1,664	0.64	562	0.22	94	0.04
Kokosa	22,507	96.29	833	3.56	35	0.15	-	-	-	-	-	-
Dodola	17,156	72.54	4,732	20.01	1,668	7.05	34	0.14	34	0.14	26	0.11
Adaba	12,244	61.66	5,492	27.66	1,884	9.49	179	0.90	57	0.29	-	-
Agarfa	6,944	52.82	4,283	32.58	1,583	12.04	234	1.78	87	0.66	15	0.11
Gasera	7,514	62.16	3,828	31.67	702	5.81	28	0.23	16	0.13	-	-
Gololcha	6,469	43.38	6,919	46.39	1,399	9.38	107	0.72	20	0.13	-	-
Legehida	6,526	80.63	1,440	17.79	88	1.09	40	0.49	-	-	-	-
Ginir	10,056	46.44	9,018	41.65	2,247	10.38	214	0.99	118	0.54	-	-
Sinanana Dinsho	14,473	57.92	8,994	35.99	1,298	5.19	223	0.89	-	-	-	-
Goba	4,012	55.85	2,666	37.12	472	6.57	23	0.32	10	0.14	-	-
Mennana Arena Buluk	15,354	79.98	3,071	16.00	656	3.42	117	0.61	-	-	-	-
Nensebo	12,141	85.69	1,339	9.45	590	4.16	81	0.57	-	-	18	0.13
Meda Welabu	11,683	93.04	637	5.07	196	1.56	24	0.19	17	0.14	-	-
Berbera	7,336	71.83	2,132	20.88	563	5.51	91	0.89	77	0.75	14	0.14
Guradamole	2,635	63.34	1,330	31.97	173	4.16	14	0.34	8	0.19	-	-
Goro	6,283	39.43	7,062	44.32	2,193	13.76	255	1.60	121	0.76	20	0.13
Raytu	6,162	99.90	6	0.10	-	-	-	-	-	-	-	-
Seweyna	5,910	76.64	1,675	21.72	126	1.63	-	-	-	-	-	-
Borena Zone	268,566	94.86	6,361	2.25	4,680	1.65	1,706	0.60	1,233	0.44	558	0.20
Uraga	42,623	100.00	-	-	-	-	-	-	-	-	-	-
Bore	29,827	98.01	328	1.08	224	0.74	-	-	-	-	54	0.18
Adolana Wadera	18,046	79.79	1,637	7.24	1,965	8.69	505	2.23	253	1.12	210	0.93
Odo Shakiso	12,871	91.84	315	2.25	228	1.63	374	2.67	202	1.44	25	0.18
Hager Mariam	85,582	99.38	-	-	167	0.19	177	0.21	95	0.11	95	0.11
Yabelo	9,341	92.66	303	3.01	259	2.57	98	0.97	56	0.56	24	0.24
Arero	2,975	89.31	174	5.22	140	4.20	8	0.24	26	0.78	8	0.24
Liben	10,636	71.65	2,525	17.01	795	5.36	336	2.26	468	3.15	84	0.57
Moyale	10,315	96.08	49	0.46	255	2.38	117	1.09	-	-	-	-
Dire	12,491	91.05	652	4.75	442	3.22	39	0.28	67	0.49	28	0.20
Teltele	6,854	93.11	286	3.89	134	1.82	20	0.27	36	0.49	31	0.42
Gelana Abaya	27,004	99.17	92	0.34	71	0.26	31	0.11	31	0.11	-	-

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	%
East Harerge Zone												
Meta	24,326	55.57	14,535	33.20	3,936	8.99	629	1.44	292	0.67	57	0.13
Goro Gutu	18,838	73.25	6,200	24.11	516	2.01	133	0.52	31	0.12	-	-
Deder	28,732	75.09	7,788	20.35	1,137	2.97	419	1.09	43	0.11	146	0.38
Malka Balo	15,723	63.07	5,869	23.54	1,717	6.89	545	2.19	497	1.99	579	2.32
Bedeno	27,515	63.46	9,502	21.92	3,907	9.01	1,038	2.39	726	1.67	668	1.54
Girawa	27,876	71.69	6,735	17.32	3,078	7.92	693	1.78	408	1.05	96	0.25
Gola Oda	2,974	37.83	3,724	47.37	845	10.75	156	1.98	92	1.17	70	0.89
Bale Zone	224,539	86.68	22,256	8.59	9,777	3.77	1,213	0.47	712	0.27	561	0.22
Kokosa	23,188	99.20	109	0.47	-	-	-	-	52	0.22	26	0.11
Dodola	19,435	82.18	2,420	10.23	1,218	5.15	241	1.02	148	0.63	188	0.79
Adaba	18,811	94.74	680	3.42	313	1.58	-	-	26	0.13	26	0.13
Agarfa	11,483	87.35	1,283	9.76	344	2.62	36	0.27	-	-	-	-
Gasera	10,408	86.10	1,183	9.79	458	3.79	39	0.32	-	-	-	-
Gololcha	13,132	88.05	1,334	8.94	365	2.45	55	0.37	28	0.19	-	-
Legehida	7,210	89.08	712	8.80	90	1.11	21	0.26	20	0.25	41	0.51
Ginir	16,516	76.28	3,357	15.50	1,574	7.27	176	0.81	30	0.14	-	-
Sinanana Dinsho	18,442	73.80	4,779	19.13	1,591	6.37	150	0.60	26	0.10	-	-
Goba	6,093	84.83	878	12.22	195	2.71	17	0.24	-	-	-	-
Mennana Arena Buluk	18,263	95.13	207	1.08	365	1.90	119	0.62	177	0.92	67	0.35
Nensebo	13,383	94.45	540	3.81	162	1.14	18	0.13	-	-	66	0.47
Meda Welabu	11,072	88.17	115	0.92	975	7.76	63	0.50	192	1.53	140	1.11
Berbera	9,496	92.98	531	5.20	173	1.69	13	0.13	-	-	-	-
Guradamole	2,961	71.18	570	13.70	434	10.43	181	4.35	14	0.34	-	-
Goro	12,716	79.80	2,149	13.49	1,003	6.29	66	0.41	-	-	-	-
Raytu	5,721	92.75	280	4.54	155	2.51	12	0.19	-	-	-	-
Seweyna	6,207	80.50	1,126	14.60	364	4.72	6	0.08	-	-	8	0.10
Borena Zone	247,444	87.40	6,404	2.26	5,352	1.89	2,679	0.95	3,388	1.20	17,837	6.30
Uraga	42,407	99.49	56	0.13	97	0.23	-	-	63	0.15	-	-
Bore	21,999	72.29	462	1.52	797	2.62	421	1.38	904	2.97	5,850	19.22
Adolana Wadera	14,525	64.22	335	1.48	909	4.02	575	2.54	604	2.67	5,668	25.06
Odo Shakiso	11,282	80.50	401	2.86	585	4.17	762	5.44	249	1.78	736	5.25
Hager Mariam	82,799	96.15	970	1.13	95	0.11	-	-	82	0.10	2,170	2.52
Yabelo	9,040	89.67	476	4.72	260	2.58	86	0.85	99	0.98	120	1.19
Arero	3,239	97.24	56	1.68	29	0.87	-	-	7	0.21	-	-
Liben	10,526	70.91	758	5.11	445	3.00	235	1.58	596	4.02	2,284	15.39
Moyale	9,916	92.36	188	1.75	185	1.72	155	1.44	115	1.07	177	1.65
Dire	12,575	91.66	468	3.41	372	2.71	136	0.99	135	0.98	33	0.24
Teltele	3,710	50.40	1,798	24.43	1,247	16.94	231	3.14	297	4.03	78	1.06
Gelana Abaya	25,429	93.39	435	1.60	331	1.22	76	0.28	237	0.87	721	2.65

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

Geographic area	Number of Crop holders that owned											
	No Winnower (metal)		One Winnower (metal)		Two Winnowers (metal)		Three Winnowers (metal)		Four Winnowers (metal)		Five and above Winnowers (metal)	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Oromia Region	3,972,022	99.76	8,597	0.22	886	0.02	172	0.00	-	-	27	0.00
West Welega Zone.....	313,786	99.96	137	0.04	-	-	-	-	-	-	-	-
Mana Sibu.....	26,980	99.84	42	0.16	-	-	-	-	-	-	-	-
Nejo.....	17,916	100.00	-	-	-	-	-	-	-	-	-	-
Gimbi.....	17,096	100.00	-	-	-	-	-	-	-	-	-	-
Lalo Asabi.....	10,906	100.00	-	-	-	-	-	-	-	-	-	-
Boji	15,188	100.00	-	-	-	-	-	-	-	-	-	-
Ayra Guliso.....	16,347	99.85	24	0.15	-	-	-	-	-	-	-	-
Jarso	16,190	100.00	-	-	-	-	-	-	-	-	-	-
Gidami	13,636	100.00	-	-	-	-	-	-	-	-	-	-
Jimma Horo	6,869	100.00	-	-	-	-	-	-	-	-	-	-
Hawa Welel.....	17,315	100.00	-	-	-	-	-	-	-	-	-	-
Gawo Dale	23,820	100.00	-	-	-	-	-	-	-	-	-	-
Dale Sadi.....	11,088	99.74	29	0.26	-	-	-	-	-	-	-	-
Yubdo	5,640	100.00	-	-	-	-	-	-	-	-	-	-
Ganji	9,611	100.00	-	-	-	-	-	-	-	-	-	-
Haru	11,474	99.70	34	0.30	-	-	-	-	-	-	-	-
Nole Kaba	23,388	100.00	-	-	-	-	-	-	-	-	-	-
Lalo Kilie.....	7,891	99.89	9	0.11	-	-	-	-	-	-	-	-
Sayo	19,844	100.00	-	-	-	-	-	-	-	-	-	-
Anfilo.....	11,848	100.00	-	-	-	-	-	-	-	-	-	-
Begi.....	30,734	100.00	-	-	-	-	-	-	-	-	-	-
East Welega Zone.....	260,205	99.74	546	0.21	81	0.03	61	0.02	-	-	-	-
Limu.....	20,690	100.00	-	-	-	-	-	-	-	-	-	-
Ibantu.....	5,087	100.00	-	-	-	-	-	-	-	-	-	-
Gida Kiremu	22,137	99.86	31	0.14	-	-	-	-	-	-	-	-
Jarte.....	7,319	99.40	44	0.60	-	-	-	-	-	-	-	-
Amuru.....	7,739	100.00	-	-	-	-	-	-	-	-	-	-
Abe Dongoro	9,448	99.77	22	0.23	-	-	-	-	-	-	-	-
Jimma Horo	23,761	98.91	201	0.84	-	-	61	0.25	-	-	-	-
Abay Chomen.....	4,699	99.66	8	0.17	8	0.17	-	-	-	-	-	-
Guduru	21,419	99.53	101	0.47	-	-	-	-	-	-	-	-
Jimma Rare.....	7,719	99.75	19	0.25	-	-	-	-	-	-	-	-
Bila Seyo.....	13,399	99.47	35	0.26	36	0.27	-	-	-	-	-	-
Sibu Sire	15,187	99.89	16	0.11	-	-	-	-	-	-	-	-
Guto Wayu.....	28,452	99.88	35	0.12	-	-	-	-	-	-	-	-
Sasiga.....	11,331	99.87	-	-	15	0.13	-	-	-	-	-	-
Leka Dulecha.....	10,555	100.00	-	-	-	-	-	-	-	-	-	-
Diga.....	11,852	99.87	16	0.13	-	-	-	-	-	-	-	-
Jimma Arjo	13,293	99.70	18	0.14	22	0.17	-	-	-	-	-	-
Nunu Kumba.....	10,438	100.00	-	-	-	-	-	-	-	-	-	-
Wama Bonaya.....	15,680	100.00	-	-	-	-	-	-	-	-	-	-
Illibabor Zone	194,848	99.78	411	0.21	-	-	28	0.01	-	-	-	-
Darimu	22,297	99.88	27	0.12	-	-	-	-	-	-	-	-
Supena Sodo	13,099	99.70	40	0.30	-	-	-	-	-	-	-	-
Chora.....	19,417	99.30	137	0.70	-	-	-	-	-	-	-	-
Dega.....	10,191	100.00	-	-	-	-	-	-	-	-	-	-
Bedele	20,485	99.86	-	-	-	-	28	0.14	-	-	-	-
Gechi.....	10,743	98.62	150	1.38	-	-	-	-	-	-	-	-
Borecha Wereda.....	9,030	100.00	-	-	-	-	-	-	-	-	-	-
Dedesa.....	14,033	100.00	-	-	-	-	-	-	-	-	-	-
yayu.....	19,201	100.00	-	-	-	-	-	-	-	-	-	-
Metu.....	22,593	99.74	58	0.26	-	-	-	-	-	-	-	-

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

Geographic area	Number of Crop holders that owned											
	No Winnower (metal)		One Winnower (metal)		Two Winnowers (metal)		Three Winnowers (metal)		Four Winnowers (metal)		Five and above Winnowers (metal)	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Illibabor Zone												
Ale.....	17,356	100.00	-	-	-	-	-	-	-	-	-	-
Bure.....	11,992	100.00	-	-	-	-	-	-	-	-	-	-
Nono.....	4,411	100.00	-	-	-	-	-	-	-	-	-	-
Jimma Zone	442,337	99.78	925	0.21	53	0.01	-	-	-	-	-	-
Limu Seka.....	29,245	100.00	-	-	-	-	-	-	-	-	-	-
Limu Kosa	45,921	100.00	-	-	-	-	-	-	-	-	-	-
Sokoru.....	25,586	100.00	-	-	-	-	-	-	-	-	-	-
Tiro Afeta.....	24,135	100.00	-	-	-	-	-	-	-	-	-	-
Kersa.....	29,436	99.87	38	0.13	-	-	-	-	-	-	-	-
Mana	27,816	100.00	-	-	-	-	-	-	-	-	-	-
Goma.....	48,716	98.37	754	1.52	53	0.11	-	-	-	-	-	-
Gera.....	20,670	99.36	133	0.64	-	-	-	-	-	-	-	-
Seka chekorsa	56,422	100.00	-	-	-	-	-	-	-	-	-	-
Dedo.....	54,035	100.00	-	-	-	-	-	-	-	-	-	-
Omonada.....	45,972	100.00	-	-	-	-	-	-	-	-	-	-
Sigmo.....	16,132	100.00	-	-	-	-	-	-	-	-	-	-
Setema.....	18,249	100.00	-	-	-	-	-	-	-	-	-	-
West Shewa Zone	501,295	99.74	1,153	0.23	143	0.03	-	-	-	-	-	-
Ginde Beret.....	33,584	99.86	-	-	46	0.14	-	-	-	-	-	-
Jeldu.....	33,438	99.22	263	0.78	-	-	-	-	-	-	-	-
Ambo	40,019	99.74	103	0.26	-	-	-	-	-	-	-	-
Cheliya.....	37,011	100.00	-	-	-	-	-	-	-	-	-	-
Bako Tibe.....	19,389	100.00	-	-	-	-	-	-	-	-	-	-
Dano.....	15,544	100.00	-	-	-	-	-	-	-	-	-	-
Nono.....	23,030	99.52	110	0.48	-	-	-	-	-	-	-	-
Tikur.....	12,567	99.77	29	0.23	-	-	-	-	-	-	-	-
Amaya.....	21,922	99.90	-	-	21	0.10	-	-	-	-	-	-
Wonchi.....	17,405	100.00	-	-	-	-	-	-	-	-	-	-
Dendi.....	37,106	100.00	-	-	-	-	-	-	-	-	-	-
Ejerie.....	15,166	99.65	53	0.35	-	-	-	-	-	-	-	-
Adda Berga	19,278	99.88	-	-	24	0.12	-	-	-	-	-	-
Walmara.....	16,971	99.40	80	0.47	22	0.13	-	-	-	-	-	-
Alem Gana.....	20,428	99.13	179	0.87	-	-	-	-	-	-	-	-
Kersana Kondaltiti	21,879	99.22	141	0.64	31	0.14	-	-	-	-	-	-
Tole.....	10,375	99.75	26	0.25	-	-	-	-	-	-	-	-
Elu.....	10,344	99.90	10	0.10	-	-	-	-	-	-	-	-
Dawo.....	12,977	99.30	91	0.70	-	-	-	-	-	-	-	-
Walisona Goro	35,633	100.00	-	-	-	-	-	-	-	-	-	-
Becho	11,253	99.64	41	0.36	-	-	-	-	-	-	-	-
Kokir	12,362	100.00	-	-	-	-	-	-	-	-	-	-
Meta Robi	23,611	99.88	28	0.12	-	-	-	-	-	-	-	-
North Shewa(Oromia) Zone	236,238	99.67	689	0.29	84	0.04	-	-	-	-	-	-
Wara Jarso	24,976	99.87	33	0.13	-	-	-	-	-	-	-	-
Dera.....	34,874	99.54	161	0.46	-	-	-	-	-	-	-	-
Hidabu Abote.....	15,851	99.79	18	0.11	15	0.09	-	-	-	-	-	-
Kuyu.....	20,090	100.00	-	-	-	-	-	-	-	-	-	-
Degem.....	17,855	99.55	81	0.45	-	-	-	-	-	-	-	-
Gerar Jarso	13,163	100.00	-	-	-	-	-	-	-	-	-	-
Yaya Gulelena Debre	16,463	99.38	103	0.62	-	-	-	-	-	-	-	-
Wuchalena Jido.....	21,987	99.86	30	0.14	-	-	-	-	-	-	-	-
Abichuna Gna'a.....	11,800	99.43	68	0.57	-	-	-	-	-	-	-	-
Kembibit	10,832	99.74	28	0.26	-	-	-	-	-	-	-	-
Berehna Aleltu	24,678	99.61	65	0.26	31	0.13	-	-	-	-	-	-
Mulona Sululta.....	23,672	99.42	101	0.42	37	0.16	-	-	-	-	-	-

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

Geographic area	Number of Crop holders that owned											
	No Winnow (metal)		One Winnow (metal)		Two Winnows (metal)		Three Winnows (metal)		Four Winnows (metal)		Five and above Winnows (metal)	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
East Shewa Zone	314,052	99.71	896	0.28	18	0.01	-	-	-	-	-	-
Fentale.....	6,677	100.00	-	-	-	-	-	-	-	-	-	-
Boset	24,775	99.75	62	0.25	-	-	-	-	-	-	-	-
Adama.....	26,634	98.99	272	1.01	-	-	-	-	-	-	-	-
Lome.....	14,549	99.90	15	0.10	-	-	-	-	-	-	-	-
Gimbichu	15,515	99.65	36	0.23	18	0.12	-	-	-	-	-	-
Ada'a Liben Chukala	39,951	99.44	225	0.56	-	-	-	-	-	-	-	-
Dugda Bora.....	28,708	99.53	136	0.47	-	-	-	-	-	-	-	-
Adami Tullu Jido	23,794	100.00	-	-	-	-	-	-	-	-	-	-
Arsi Negele.....	26,512	99.73	72	0.27	-	-	-	-	-	-	-	-
Shashemene	46,108	100.00	-	-	-	-	-	-	-	-	-	-
Seraro.....	48,209	100.00	-	-	-	-	-	-	-	-	-	-
Akaki.....	12,619	99.39	77	0.61	-	-	-	-	-	-	-	-
Arsi Zone	491,671	99.73	1,245	0.25	72	0.01	19	0.00	-	-	-	-
Merti	22,750	100.00	-	-	-	-	-	-	-	-	-	-
Aseko.....	14,358	99.74	38	0.26	-	-	-	-	-	-	-	-
Gololcha.....	29,136	99.86	42	0.14	-	-	-	-	-	-	-	-
Jeju.....	22,188	99.87	29	0.13	-	-	-	-	-	-	-	-
Dodotana Sire	22,839	99.79	48	0.21	-	-	-	-	-	-	-	-
Zeway Dugda.....	21,114	99.59	86	0.41	-	-	-	-	-	-	-	-
Hitosa.....	39,134	99.76	95	0.24	-	-	-	-	-	-	-	-
Sude	25,429	99.72	72	0.28	-	-	-	-	-	-	-	-
Chole.....	15,841	99.52	77	0.48	-	-	-	-	-	-	-	-
Amigna	11,161	99.87	15	0.13	-	-	-	-	-	-	-	-
Seru.....	18,179	99.86	26	0.14	-	-	-	-	-	-	-	-
Robe.....	26,936	99.53	126	0.47	-	-	-	-	-	-	-	-
Tena.....	20,659	99.88	25	0.12	-	-	-	-	-	-	-	-
Sherka.....	26,405	100.00	-	-	-	-	-	-	-	-	-	-
Digeluna Tijo.....	22,131	99.77	50	0.23	-	-	-	-	-	-	-	-
Tiyo.....	15,828	99.06	111	0.69	20	0.13	19	0.12	-	-	-	-
Munesa.....	35,069	99.71	51	0.15	51	0.15	-	-	-	-	-	-
Bekoji.....	35,834	99.55	161	0.45	-	-	-	-	-	-	-	-
Gedeb.....	24,767	99.68	80	0.32	-	-	-	-	-	-	-	-
Kofele	41,913	99.73	115	0.27	-	-	-	-	-	-	-	-
West Harerge Zone	290,428	99.68	728	0.25	187	0.06	13	0.00	-	-	-	-
Mieso	16,370	99.82	30	0.18	-	-	-	-	-	-	-	-
Doba.....	22,768	100.00	-	-	-	-	-	-	-	-	-	-
Tulo.....	24,304	99.90	25	0.10	-	-	-	-	-	-	-	-
Mesela.....	25,667	99.33	173	0.67	-	-	-	-	-	-	-	-
Chiro	62,138	99.63	67	0.11	163	0.26	-	-	-	-	-	-
Goba Koricha.....	19,974	99.80	40	0.20	-	-	-	-	-	-	-	-
Anchar.....	13,392	99.72	25	0.19	-	-	13	0.10	-	-	-	-
Habro	30,108	99.09	278	0.91	-	-	-	-	-	-	-	-
Darolebu	26,934	99.84	44	0.16	-	-	-	-	-	-	-	-
Boke.....	22,099	99.80	21	0.09	24	0.11	-	-	-	-	-	-
Kuni	26,676	99.91	25	0.09	-	-	-	-	-	-	-	-
East Harerge Zone	385,983	99.69	1,109	0.29	76	0.02	25	0.01	-	-	-	-
Kombolcha.....	20,658	99.75	52	0.25	-	-	-	-	-	-	-	-
Jarso	17,029	99.87	23	0.13	-	-	-	-	-	-	-	-
Gursum	25,441	99.51	98	0.38	28	0.11	-	-	-	-	-	-
Babile.....	10,193	99.57	44	0.43	-	-	-	-	-	-	-	-
Fedis.....	24,398	99.32	113	0.46	29	0.12	25	0.10	-	-	-	-
Haro Maya.....	31,251	99.51	153	0.49	-	-	-	-	-	-	-	-
Kurfa Chele.....	7,101	99.71	21	0.29	-	-	-	-	-	-	-	-
Kersa	27,633	99.60	112	0.40	-	-	-	-	-	-	-	-

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

Geographic area	Number of Crop holders that owned											
	No Winnower (metal)		One Winnower (metal)		Two Winnowers (metal)		Three Winnowers (metal)		Four Winnowers (metal)		Five and above Winnowers (metal)	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
East Harerge Zone.....												
Meta	43,775	100.00	-	-	-	-	-	-	-	-	-	-
Goro Gutu	25,680	99.85	38	0.15	-	-	-	-	-	-	-	-
Deder.....	38,099	99.57	166	0.43	-	-	-	-	-	-	-	-
Malka Balo	24,791	99.44	120	0.48	19	0.08	-	-	-	-	-	-
Bedeno	43,249	99.75	107	0.25	-	-	-	-	-	-	-	-
Girawa.....	38,836	99.87	50	0.13	-	-	-	-	-	-	-	-
Gola Oda.....	7,850	99.86	11	0.14	-	-	-	-	-	-	-	-
Bale Zone.....	258,456	99.77	564	0.22	38	0.01	-	-	-	-	-	-
Kokosa	23,344	99.87	31	0.13	-	-	-	-	-	-	-	-
Dodola.....	23,616	99.86	34	0.14	-	-	-	-	-	-	-	-
Adaba	19,746	99.45	110	0.55	-	-	-	-	-	-	-	-
Agarfa	13,082	99.51	64	0.49	-	-	-	-	-	-	-	-
Gasera	12,088	100.00	-	-	-	-	-	-	-	-	-	-
Gololcha.....	14,914	100.00	-	-	-	-	-	-	-	-	-	-
Legehida	8,094	100.00	-	-	-	-	-	-	-	-	-	-
Ginir	21,623	99.86	30	0.14	-	-	-	-	-	-	-	-
Sinanana Dinsho	24,954	99.86	34	0.14	-	-	-	-	-	-	-	-
Goba.....	7,166	99.76	9	0.13	8	0.11	-	-	-	-	-	-
Mennana Arena Buluk.....	19,168	99.84	-	-	30	0.16	-	-	-	-	-	-
Nensebo	14,073	99.32	96	0.68	-	-	-	-	-	-	-	-
Meda Welabu.....	12,402	98.77	155	1.23	-	-	-	-	-	-	-	-
Berbere.....	10,213	100.00	-	-	-	-	-	-	-	-	-	-
Guradamole	4,160	100.00	-	-	-	-	-	-	-	-	-	-
Goro	15,934	100.00	-	-	-	-	-	-	-	-	-	-
Raytu	6,168	100.00	-	-	-	-	-	-	-	-	-	-
Seweyna	7,711	100.00	-	-	-	-	-	-	-	-	-	-
Borena Zone.....	282,723	99.87	193	0.07	134	0.05	27	0.01	-	-	27	0.01
Uraga.....	42,623	100.00	-	-	-	-	-	-	-	-	-	-
Bore.....	30,433	100.00	-	-	-	-	-	-	-	-	-	-
Adolana Wadera	22,616	100.00	-	-	-	-	-	-	-	-	-	-
Odo Shakiso.....	14,015	100.00	-	-	-	-	-	-	-	-	-	-
Hager Mariam.....	86,116	100.00	-	-	-	-	-	-	-	-	-	-
Yabelo	10,067	99.86	14	0.14	-	-	-	-	-	-	-	-
Arero	3,331	100.00	-	-	-	-	-	-	-	-	-	-
Liben	14,817	99.82	27	0.18	-	-	-	-	-	-	-	-
Moyale	10,736	100.00	-	-	-	-	-	-	-	-	-	-
Dire	13,379	97.52	152	1.11	134	0.98	27	0.20	-	-	27	0.20
Teltele	7,361	100.00	-	-	-	-	-	-	-	-	-	-
Gelana Abaya	27,229	100.00	-	-	-	-	-	-	-	-	-	-

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

Geographic area	Number of Crop holders that owned											
	No Winnower (wood)		One Winnower (wood)		Two Winnowers (wood)		Three Winnowers (wood)		Four Winnowers (wood)		Five and above Winnowers (wood)	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Oromia Region.....	3,011,989	75.65	866,558	21.76	93,369	2.34	6,967	0.17	2,081	0.05	740	0.02
West Welega Zone.....	303,237	96.60	8,558	2.73	1,873	0.60	170	0.05	40	0.01	45	0.01
Mana Sibu.....	25,401	94.00	1,356	5.02	197	0.73	68	0.25	-	-	-	-
Nejo.....	16,574	92.51	1,022	5.70	295	1.65	-	-	-	-	25	0.14
Gimbi.....	16,811	98.33	246	1.44	39	0.23	-	-	-	-	-	-
Lalo Asabi.....	10,624	97.41	248	2.27	34	0.31	-	-	-	-	-	-
Boji.....	15,155	99.78	-	-	33	0.22	-	-	-	-	-	-
Ayra Guliso.....	16,234	99.16	95	0.58	21	0.13	21	0.13	-	-	-	-
Jarso.....	14,527	89.73	1,558	9.62	45	0.28	-	-	40	0.25	20	0.12
Gidami.....	13,636	100.00	-	-	-	-	-	-	-	-	-	-
Jimma Horo.....	6,665	97.03	193	2.81	11	0.16	-	-	-	-	-	-
Hawa Welel.....	16,516	95.39	672	3.88	127	0.73	-	-	-	-	-	-
Gawo Dale.....	22,945	96.33	762	3.20	113	0.47	-	-	-	-	-	-
Dale Sadi.....	10,325	92.88	759	6.83	33	0.30	-	-	-	-	-	-
Yubdo.....	5,640	100.00	-	-	-	-	-	-	-	-	-	-
Ganji.....	9,221	95.94	208	2.16	182	1.89	-	-	-	-	-	-
Haru.....	10,906	94.77	328	2.85	229	1.99	45	0.39	-	-	-	-
Nole Kaba.....	22,256	95.16	717	3.07	415	1.77	-	-	-	-	-	-
Lalo Kilie.....	7,900	100.00	-	-	-	-	-	-	-	-	-	-
Sayo.....	19,473	98.13	273	1.38	98	0.49	-	-	-	-	-	-
Anfilo.....	11,835	99.89	13	0.11	-	-	-	-	-	-	-	-
Begi.....	30,590	99.53	108	0.35	-	-	36	0.12	-	-	-	-
East Welega Zone.....	217,188	83.25	37,665	14.44	4,909	1.88	761	0.29	238	0.09	132	0.05
Limu.....	19,738	95.40	904	4.37	28	0.14	-	-	-	-	20	0.10
Ibantu.....	5,050	99.27	31	0.61	6	0.12	-	-	-	-	-	-
Gida Kiremu.....	17,088	77.08	4,566	20.60	514	2.32	-	-	-	-	-	-
Jarte.....	5,160	70.08	1,987	26.99	206	2.80	10	0.14	-	-	-	-
Amuru.....	6,693	86.48	954	12.33	92	1.19	-	-	-	-	-	-
Abe Dongoro.....	7,100	74.97	2,134	22.53	215	2.27	21	0.22	-	-	-	-
Jimma Horo.....	13,898	57.85	9,088	37.83	881	3.67	95	0.40	-	-	61	0.25
Abay Chomen.....	3,926	83.27	700	14.85	64	1.36	25	0.53	-	-	-	-
Guduru.....	18,460	85.78	2,650	12.31	410	1.91	-	-	-	-	-	-
Jimma Rare.....	5,139	66.41	2,367	30.59	218	2.82	14	0.18	-	-	-	-
Bila Seyo.....	11,091	82.34	2,014	14.95	270	2.00	95	0.71	-	-	-	-
Sibu Sire.....	12,756	83.90	1,935	12.73	354	2.33	15	0.10	125	0.82	18	0.12
Guto Wayu.....	25,024	87.84	2,980	10.46	449	1.58	34	0.12	-	-	-	-
Sasiga.....	11,130	98.10	167	1.47	33	0.29	-	-	-	-	16	0.14
Leka Dulecha.....	9,564	90.61	730	6.92	229	2.17	32	0.30	-	-	-	-
Diga.....	11,045	93.07	702	5.92	94	0.79	27	0.23	-	-	-	-
Jimma Arjo.....	9,634	72.26	2,475	18.56	739	5.54	354	2.66	113	0.85	18	0.14
Nunu Kumba.....	9,929	95.12	509	4.88	-	-	-	-	-	-	-	-
Wama Bonaya.....	14,764	94.16	772	4.92	106	0.68	38	0.24	-	-	-	-
Illibabor Zone.....	189,181	96.87	4,777	2.45	915	0.47	208	0.11	154	0.08	52	0.03
Darimu.....	22,298	99.88	26	0.12	-	-	-	-	-	-	-	-
Supena Sodo.....	12,649	96.27	215	1.64	258	1.96	-	-	17	0.13	-	-
Chora.....	18,768	95.98	758	3.88	28	0.14	-	-	-	-	-	-
Dega.....	10,025	98.37	166	1.63	-	-	-	-	-	-	-	-
Bedele.....	19,981	97.41	308	1.50	113	0.55	28	0.14	55	0.27	28	0.14
Gechi.....	10,372	95.22	442	4.06	61	0.56	18	0.17	-	-	-	-
Borecha Wereda.....	8,447	93.54	231	2.56	141	1.56	129	1.43	82	0.91	-	-
Dedesa.....	13,221	94.21	654	4.66	134	0.95	-	-	-	-	24	0.17
yayu.....	17,771	92.55	1,281	6.67	124	0.65	25	0.13	-	-	-	-
Metu.....	22,366	98.74	256	1.13	29	0.13	-	-	-	-	-	-

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	%
Illibabor Zone												
Ale.....	17,144	98.78	212	1.22	-	-	-	-	-	-	-	-
Bure.....	11,729	97.81	227	1.89	28	0.23	8	0.07	-	-	-	-
Nono	4,411	100.00	-	-	-	-	-	-	-	-	-	-
Jimma Zone	412,147	92.97	26,495	5.98	3,396	0.77	622	0.14	448	0.10	207	0.05
Limu Seka.....	29,067	99.39	112	0.38	66	0.23	-	-	-	-	-	-
Limu Kosa	41,937	91.32	3,143	6.84	677	1.47	164	0.36	-	-	-	-
Sokoru.....	25,527	99.77	59	0.23	-	-	-	-	-	-	-	-
Tiro Afeta	21,768	90.19	1,911	7.92	366	1.52	63	0.26	27	0.11	-	-
Kersa	24,093	81.74	3,688	12.51	889	3.02	369	1.25	250	0.85	185	0.63
Mana	27,616	99.28	79	0.28	121	0.44	-	-	-	-	-	-
Goma.....	48,777	98.49	676	1.37	70	0.14	-	-	-	-	-	-
Gera.....	18,172	87.35	2,418	11.62	80	0.38	-	-	111	0.53	22	0.11
Seka chekorsa	52,227	92.56	3,891	6.90	304	0.54	-	-	-	-	-	-
Dedo.....	47,215	87.38	6,177	11.43	583	1.08	-	-	60	0.11	-	-
Omonada.....	41,966	91.29	3,774	8.21	206	0.45	26	0.06	-	-	-	-
Sigmo.....	16,132	100.00	-	-	-	-	-	-	-	-	-	-
Setema.....	17,647	96.70	568	3.11	34	0.19	-	-	-	-	-	-
West Shewa Zone	313,616	62.40	165,101	32.85	22,408	4.46	1,193	0.24	207	0.04	66	0.01
Ginde Beret.....	20,118	59.82	8,555	25.44	4,532	13.48	343	1.02	40	0.12	42	0.12
Jeldu.....	20,748	61.56	11,320	33.59	1,583	4.70	50	0.15	-	-	-	-
Ambo	23,447	58.44	15,634	38.97	942	2.35	99	0.25	-	-	-	-
Cheliya.....	24,719	66.79	11,462	30.97	830	2.24	-	-	-	-	-	-
Bako Tibe	16,415	84.66	2,667	13.76	224	1.16	62	0.32	21	0.11	-	-
Dano.....	11,792	75.86	3,275	21.07	458	2.95	19	0.12	-	-	-	-
Nono	14,116	61.00	7,963	34.41	995	4.30	66	0.29	-	-	-	-
Tikur	8,278	65.72	4,235	33.62	83	0.66	-	-	-	-	-	-
Amaya.....	15,341	69.91	6,198	28.25	404	1.84	-	-	-	-	-	-
Wonchi.....	11,332	65.11	5,925	34.04	148	0.85	-	-	-	-	-	-
Dendi.....	20,120	54.22	15,766	42.49	1,220	3.29	-	-	-	-	-	-
Ejerie.....	7,594	49.90	6,356	41.76	1,215	7.98	54	0.35	-	-	-	-
Adda Berga.....	11,378	58.95	6,274	32.50	1,472	7.63	108	0.56	46	0.24	24	0.12
Walmara.....	9,009	52.77	6,828	39.99	1,174	6.88	62	0.36	-	-	-	-
Alem Gana.....	11,914	57.82	7,211	34.99	1,375	6.67	52	0.25	55	0.27	-	-
Kersana Kondaltiti.....	9,522	43.18	11,028	50.01	1,381	6.26	89	0.40	31	0.14	-	-
Tole.....	5,484	52.73	4,366	41.98	536	5.15	15	0.14	-	-	-	-
Elu.....	6,177	59.66	3,449	33.31	717	6.92	11	0.11	-	-	-	-
Dawo.....	6,877	52.62	5,405	41.36	725	5.55	46	0.35	15	0.11	-	-
Walisona Goro.....	28,421	79.76	6,629	18.60	539	1.51	44	0.12	-	-	-	-
Becho.....	6,309	55.86	4,491	39.76	481	4.26	13	0.12	-	-	-	-
Kokir.....	8,051	65.13	4,180	33.81	131	1.06	-	-	-	-	-	-
Meta Robi	16,456	69.61	5,884	24.89	1,241	5.25	58	0.25	-	-	-	-
North Shewa(Oromia) Zone.....	140,378	59.23	82,870	34.96	12,729	5.37	853	0.36	162	0.07	19	0.01
Wara Jarso	16,389	65.53	4,802	19.20	3,555	14.21	195	0.78	68	0.27	-	-
Dera.....	19,039	54.34	12,830	36.62	2,816	8.04	311	0.89	39	0.11	-	-
Hidabu Abote.....	11,718	73.77	3,277	20.63	752	4.73	81	0.51	37	0.23	19	0.12
Kuyu	13,630	67.84	5,384	26.80	1,076	5.36	-	-	-	-	-	-
Degem.....	11,646	64.93	5,533	30.85	688	3.84	69	0.38	-	-	-	-
Gerar Jarso.....	6,810	51.74	5,867	44.57	469	3.56	-	-	17	0.13	-	-
Yaya Gulelena Debre	9,481	57.23	6,462	39.01	600	3.62	23	0.14	-	-	-	-
Wuchalena Jido	11,997	54.49	9,590	43.56	430	1.95	-	-	-	-	-	-
Abichuna Gna'a	6,990	58.90	4,542	38.27	321	2.70	15	0.13	-	-	-	-
Kembibit.....	6,995	64.41	3,762	34.64	75	0.69	28	0.26	-	-	-	-
Berehna Aleltu.....	13,236	53.43	10,384	41.91	1,059	4.27	95	0.38	-	-	-	-
Mulona Sululta	12,447	52.28	10,438	43.84	889	3.73	36	0.15	-	-	-	-

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

Geographic area	Number of Crop holders that owned											
	No Winnower (wood)		One Winnower (wood)		Two Winnowers (wood)		Three Winnowers (wood)		Four Winnowers (wood)		Five and above Winnowers (wood)	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
East Harerge Zone.....												
Meta	32,668	74.63	10,286	23.50	821	1.88	-	-	-	-	-	-
Goro Gutu	20,257	78.77	5,194	20.20	267	1.04	-	-	-	-	-	-
Deder	30,970	80.94	7,100	18.55	195	0.51	-	-	-	-	-	-
Malka Balo	19,009	76.25	5,589	22.42	332	1.33	-	-	-	-	-	-
Bedeno	32,200	74.27	10,273	23.69	554	1.28	181	0.42	148	0.34	-	-
Girawa	30,799	79.20	7,994	20.56	93	0.24	-	-	-	-	-	-
Gola Oda	5,016	63.81	2,607	33.16	238	3.03	-	-	-	-	-	-
Bale Zone	188,366	72.71	66,991	25.86	3,484	1.34	114	0.04	30	0.01	73	0.03
Kokosa	21,936	93.84	1,404	6.01	35	0.15	-	-	-	-	-	-
Dodola	12,413	52.49	10,142	42.88	981	4.15	84	0.36	30	0.13	-	-
Adaba	11,552	58.18	7,926	39.92	378	1.90	-	-	-	-	-	-
Agarfa	6,316	48.05	6,361	48.39	455	3.46	14	0.11	-	-	-	-
Gasera	8,381	69.33	3,602	29.80	105	0.87	-	-	-	-	-	-
Gololcha	9,917	66.49	4,850	32.52	147	0.99	-	-	-	-	-	-
Legehida	7,621	94.16	458	5.66	-	-	-	-	-	-	15	0.19
Ginir	14,530	67.10	6,751	31.18	372	1.72	-	-	-	-	-	-
Sinanana Dinsho	13,677	54.73	10,980	43.94	301	1.20	-	-	-	-	30	0.12
Goba	3,321	46.23	3,586	49.92	267	3.72	-	-	-	-	9	0.13
Mennana Arena Buluk	17,491	91.11	1,646	8.57	61	0.32	-	-	-	-	-	-
Nensebo	12,165	85.86	1,864	13.16	140	0.99	-	-	-	-	-	-
Meda Welabu	12,382	98.61	131	1.04	44	0.35	-	-	-	-	-	-
Berberc	9,191	89.99	948	9.28	58	0.57	16	0.16	-	-	-	-
Guradamole	3,128	75.19	1,019	24.50	13	0.31	-	-	-	-	-	-
Goro	10,730	67.34	5,076	31.86	108	0.68	-	-	-	-	20	0.13
Raytu	6,168	100.00	-	-	-	-	-	-	-	-	-	-
Seweyna	7,446	96.56	247	3.20	18	0.23	-	-	-	-	-	-
Borena Zone	275,545	97.33	5,370	1.90	1,840	0.65	244	0.09	50	0.02	55	0.02
Uraga	42,567	99.87	56	0.13	-	-	-	-	-	-	-	-
Bore	29,641	97.40	639	2.10	153	0.50	-	-	-	-	-	-
Adolana Wadera	21,167	93.59	929	4.11	493	2.18	27	0.12	-	-	-	-
Odo Shakiso	13,732	97.98	273	1.95	10	0.07	-	-	-	-	-	-
Hager Mariam	86,031	99.90	85	0.10	-	-	-	-	-	-	-	-
Yabelo	10,015	99.35	44	0.44	22	0.22	-	-	-	-	-	-
Arero	3,255	97.72	65	1.95	11	0.33	-	-	-	-	-	-
Liben	11,937	80.42	2,211	14.89	500	3.37	177	1.19	19	0.13	-	-
Moyale	10,310	96.03	117	1.09	309	2.88	-	-	-	-	-	-
Dire	12,758	93.00	618	4.50	260	1.90	28	0.20	-	-	55	0.40
Teltele	6,935	94.21	301	4.09	81	1.10	13	0.18	31	0.42	-	-
Gelana Abaya	27,198	99.89	31	0.11	-	-	-	-	-	-	-	-

Table 8.19B:- Number of Crop Holders that Owned Cart by Geographic area.

Geographic area	Number of Crop holders that owned											
	No Cart		One Cart		Two Carts		Three Carts		Four Carts		Five and above Carts	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Oromia Region	3,944,100	99.06	32,482	0.82	4,411	0.11	325	0.01	357	0.01	29	0.00
West Welega Zone.....	313,774	99.95	149	0.05	-	-	-	-	-	-	-	-
Mana Sibu.....	26,999	99.91	23	0.09	-	-	-	-	-	-	-	-
Nejo.....	17,892	99.87	24	0.13	-	-	-	-	-	-	-	-
Gimbi.....	17,076	99.88	20	0.12	-	-	-	-	-	-	-	-
Lalo Asabi.....	10,906	100.00	-	-	-	-	-	-	-	-	-	-
Boji	15,188	100.00	-	-	-	-	-	-	-	-	-	-
Ayra Guliso.....	16,371	100.00	-	-	-	-	-	-	-	-	-	-
Jarso	16,190	100.00	-	-	-	-	-	-	-	-	-	-
Gidami	13,618	99.87	18	0.13	-	-	-	-	-	-	-	-
Jimma Horo	6,869	100.00	-	-	-	-	-	-	-	-	-	-
Hawa Welel	17,315	100.00	-	-	-	-	-	-	-	-	-	-
Gawo Dale	23,820	100.00	-	-	-	-	-	-	-	-	-	-
Dale Sadi.....	11,117	100.00	-	-	-	-	-	-	-	-	-	-
Yubdo	5,640	100.00	-	-	-	-	-	-	-	-	-	-
Ganji	9,611	100.00	-	-	-	-	-	-	-	-	-	-
Haru	11,508	100.00	-	-	-	-	-	-	-	-	-	-
Nole Kaba	23,347	99.82	41	0.18	-	-	-	-	-	-	-	-
Lalo Kilie.....	7,900	100.00	-	-	-	-	-	-	-	-	-	-
Sayo	19,820	99.88	24	0.12	-	-	-	-	-	-	-	-
Anfilo.....	11,848	100.00	-	-	-	-	-	-	-	-	-	-
Begi.....	30,734	100.00	-	-	-	-	-	-	-	-	-	-
East Welega Zone.....	260,621	99.90	272	0.10	-	-	-	-	-	-	-	-
Limu.....	20,690	100.00	-	-	-	-	-	-	-	-	-	-
Ibantu.....	5,068	99.63	19	0.37	-	-	-	-	-	-	-	-
Gida Kiremu	22,168	100.00	-	-	-	-	-	-	-	-	-	-
Jarte.....	7,363	100.00	-	-	-	-	-	-	-	-	-	-
Amuru.....	7,679	99.22	60	0.78	-	-	-	-	-	-	-	-
Abe Dongoro	9,470	100.00	-	-	-	-	-	-	-	-	-	-
Jimma Horo	24,023	100.00	-	-	-	-	-	-	-	-	-	-
Abay Chomen.....	4,699	99.66	16	0.34	-	-	-	-	-	-	-	-
Guduru	21,458	99.71	62	0.29	-	-	-	-	-	-	-	-
Jimma Rare.....	7,655	98.93	83	1.07	-	-	-	-	-	-	-	-
Bila Seyo.....	13,470	100.00	-	-	-	-	-	-	-	-	-	-
Sibu Sire	15,203	100.00	-	-	-	-	-	-	-	-	-	-
Guto Wayu.....	28,487	100.00	-	-	-	-	-	-	-	-	-	-
Sasiga.....	11,346	100.00	-	-	-	-	-	-	-	-	-	-
Leka Dulecha.....	10,555	100.00	-	-	-	-	-	-	-	-	-	-
Diga.....	11,849	99.84	19	0.16	-	-	-	-	-	-	-	-
Jimma Arjo	13,333	100.00	-	-	-	-	-	-	-	-	-	-
Nunu Kumba.....	10,426	99.89	12	0.11	-	-	-	-	-	-	-	-
Wama Bonaya.....	15,680	100.00	-	-	-	-	-	-	-	-	-	-
Illibabor Zone	195,230	99.97	57	0.03	-	-	-	-	-	-	-	-
Darimu	22,324	100.00	-	-	-	-	-	-	-	-	-	-
Supena Sodo	13,139	100.00	-	-	-	-	-	-	-	-	-	-
Chora.....	19,554	100.00	-	-	-	-	-	-	-	-	-	-
Dega.....	10,191	100.00	-	-	-	-	-	-	-	-	-	-
Bedele	20,481	99.84	32	0.16	-	-	-	-	-	-	-	-
Gechi.....	10,893	100.00	-	-	-	-	-	-	-	-	-	-
Borecha Wereda	9,030	100.00	-	-	-	-	-	-	-	-	-	-
Dedesa.....	14,033	100.00	-	-	-	-	-	-	-	-	-	-
yayu.....	19,201	100.00	-	-	-	-	-	-	-	-	-	-
Metu.....	22,626	99.89	25	0.11	-	-	-	-	-	-	-	-

Table 8.19B:- Number of Crop Holders that Owned Cart by Geographic area.

Geographic area	Number of Crop holders that owned											
	No Cart		One Cart		Two Carts		Three Carts		Four Carts		Five and above Carts	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Illibabor Zone												
Ale	17,356	100.00	-	-	-	-	-	-	-	-	-	-
Bure	11,992	100.00	-	-	-	-	-	-	-	-	-	-
Nono	4,411	100.00	-	-	-	-	-	-	-	-	-	-
Jimma Zone	443,204	99.97	111	0.03	-	-	-	-	-	-	-	-
Limu Seka	29,245	100.00	-	-	-	-	-	-	-	-	-	-
Limu Kosa	45,921	100.00	-	-	-	-	-	-	-	-	-	-
Sokoru	25,586	100.00	-	-	-	-	-	-	-	-	-	-
Tiro Afeta	24,135	100.00	-	-	-	-	-	-	-	-	-	-
Kersa	29,435	99.87	39	0.13	-	-	-	-	-	-	-	-
Mana	27,816	100.00	-	-	-	-	-	-	-	-	-	-
Goma	49,523	100.00	-	-	-	-	-	-	-	-	-	-
Gera	20,803	100.00	-	-	-	-	-	-	-	-	-	-
Seka chekorsa	56,349	99.87	73	0.13	-	-	-	-	-	-	-	-
Dedo	54,035	100.00	-	-	-	-	-	-	-	-	-	-
Omonada	45,972	100.00	-	-	-	-	-	-	-	-	-	-
Sigmo	16,132	100.00	-	-	-	-	-	-	-	-	-	-
Setema	18,249	100.00	-	-	-	-	-	-	-	-	-	-
West Shewa Zone	500,318	99.55	1,960	0.39	313	0.06	-	-	-	-	-	-
Ginde Beret	33,630	100.00	-	-	-	-	-	-	-	-	-	-
Jeldu	33,701	100.00	-	-	-	-	-	-	-	-	-	-
Ambo	40,122	100.00	-	-	-	-	-	-	-	-	-	-
Cheliya	36,871	99.62	140	0.38	-	-	-	-	-	-	-	-
Bako Tibe	19,321	99.65	68	0.35	-	-	-	-	-	-	-	-
Dano	15,544	100.00	-	-	-	-	-	-	-	-	-	-
Nono	23,122	99.92	18	0.08	-	-	-	-	-	-	-	-
Tikur	12,596	100.00	-	-	-	-	-	-	-	-	-	-
Amaya	21,943	100.00	-	-	-	-	-	-	-	-	-	-
Wonchi	17,405	100.00	-	-	-	-	-	-	-	-	-	-
Dendi	37,106	100.00	-	-	-	-	-	-	-	-	-	-
Ejerie	14,800	97.25	315	2.07	104	0.68	-	-	-	-	-	-
Adda Berga	19,302	100.00	-	-	-	-	-	-	-	-	-	-
Walmara	15,885	93.04	1,036	6.07	152	0.89	-	-	-	-	-	-
Alem Gana	20,550	99.72	26	0.13	31	0.15	-	-	-	-	-	-
Kersana Kondaliti	21,998	99.76	53	0.24	-	-	-	-	-	-	-	-
Tole	10,283	98.87	105	1.01	13	0.12	-	-	-	-	-	-
Elu	10,220	98.71	121	1.17	13	0.13	-	-	-	-	-	-
Dawo	13,020	99.63	48	0.37	-	-	-	-	-	-	-	-
Walisona Goro	35,633	100.00	-	-	-	-	-	-	-	-	-	-
Becho	11,280	99.88	14	0.12	-	-	-	-	-	-	-	-
Kokir	12,347	99.88	15	0.12	-	-	-	-	-	-	-	-
Meta Robi	23,639	100.00	-	-	-	-	-	-	-	-	-	-
North Shewa(Oromia) Zone	236,807	99.91	147	0.06	57	0.02	-	-	-	-	-	-
Wara Jarso	25,009	100.00	-	-	-	-	-	-	-	-	-	-
Dera	35,035	100.00	-	-	-	-	-	-	-	-	-	-
Hidabu Abote	15,884	100.00	-	-	-	-	-	-	-	-	-	-
Kuyu	20,090	100.00	-	-	-	-	-	-	-	-	-	-
Degem	17,889	99.74	47	0.26	-	-	-	-	-	-	-	-
Gerar Jarso	13,163	100.00	-	-	-	-	-	-	-	-	-	-
Yaya Gulelena Debre	16,545	99.87	-	-	21	0.13	-	-	-	-	-	-
Wuchalena Jido	22,017	100.00	-	-	-	-	-	-	-	-	-	-
Abichuna Gna'a	11,868	100.00	-	-	-	-	-	-	-	-	-	-
Kembibit	10,860	100.00	-	-	-	-	-	-	-	-	-	-
Berehna Aleltu	24,774	100.00	-	-	-	-	-	-	-	-	-	-
Mulona Sululta	23,673	99.42	101	0.42	36	0.15	-	-	-	-	-	-

Table 8.19B:- Number of Crop Holders that Owned Cart by Geographic area.

Geographic area	Number of Crop holders that owned											
	No Cart		One Cart		Two Carts		Three Carts		Four Carts		Five and above Carts	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
East Shewa Zone.....	303,548	96.37	10,957	3.48	415	0.13	-	-	46	0.01	-	-
Fentale.....	6,677	100.00	-	-	-	-	-	-	-	-	-	-
Boset.....	24,837	100.00	-	-	-	-	-	-	-	-	-	-
Adama.....	26,833	99.73	73	0.27	-	-	-	-	-	-	-	-
Lome.....	14,529	99.76	35	0.24	-	-	-	-	-	-	-	-
Gimbichu.....	15,569	100.00	-	-	-	-	-	-	-	-	-	-
Ada'a Liben Chukala.....	40,136	99.90	40	0.10	-	-	-	-	-	-	-	-
Dugda Bora.....	23,283	80.72	5,356	18.57	205	0.71	-	-	-	-	-	-
Adami Tullu Jido.....	21,330	89.64	2,410	10.13	54	0.23	-	-	-	-	-	-
Arsi Negele.....	25,513	95.97	1,042	3.92	29	0.11	-	-	-	-	-	-
Shashemene.....	44,008	95.45	1,943	4.21	111	0.24	-	-	46	0.10	-	-
Seraro.....	48,150	99.88	59	0.12	-	-	-	-	-	-	-	-
Akaki.....	12,680	99.87	-	-	16	0.13	-	-	-	-	-	-
Arsi Zone.....	478,283	97.01	12,922	2.62	1,611	0.33	43	0.01	119	0.02	29	0.01
Merti.....	22,665	99.63	85	0.37	-	-	-	-	-	-	-	-
Aseko.....	14,376	99.86	20	0.14	-	-	-	-	-	-	-	-
Gololcha.....	29,178	100.00	-	-	-	-	-	-	-	-	-	-
Jezu.....	21,785	98.06	432	1.94	-	-	-	-	-	-	-	-
Dodotana Sire.....	22,527	98.43	335	1.46	25	0.11	-	-	-	-	-	-
Zeway Dugda.....	20,635	97.33	538	2.54	-	-	27	0.13	-	-	-	-
Hitosa.....	39,147	99.79	82	0.21	-	-	-	-	-	-	-	-
Sude.....	24,464	95.93	975	3.82	62	0.24	-	-	-	-	-	-
Chole.....	15,897	99.87	21	0.13	-	-	-	-	-	-	-	-
Amigna.....	11,176	100.00	-	-	-	-	-	-	-	-	-	-
Seru.....	18,180	99.86	25	0.14	-	-	-	-	-	-	-	-
Robe.....	25,500	94.23	1,535	5.67	27	0.10	-	-	-	-	-	-
Tena.....	20,684	100.00	-	-	-	-	-	-	-	-	-	-
Sherka.....	26,372	99.88	33	0.12	-	-	-	-	-	-	-	-
Digeluna Tijo.....	20,676	93.21	899	4.05	519	2.34	-	-	58	0.26	29	0.13
Tiyo.....	12,264	76.76	3,246	20.32	432	2.70	16	0.10	20	0.13	-	-
Munesa.....	33,161	94.29	1,560	4.44	409	1.16	-	-	41	0.12	-	-
Bekoji.....	35,547	98.76	413	1.15	35	0.10	-	-	-	-	-	-
Gedeb.....	23,149	93.17	1,597	6.43	101	0.41	-	-	-	-	-	-
Kofele.....	40,902	97.32	1,126	2.68	-	-	-	-	-	-	-	-
West Harerge Zone.....	290,926	99.85	267	0.09	-	-	-	-	163	0.06	-	-
Mieso.....	16,400	100.00	-	-	-	-	-	-	-	-	-	-
Doba.....	22,768	100.00	-	-	-	-	-	-	-	-	-	-
Tulo.....	24,329	100.00	-	-	-	-	-	-	-	-	-	-
Mesela.....	25,803	99.86	37	0.14	-	-	-	-	-	-	-	-
Chiro.....	62,030	99.46	175	0.28	-	-	-	-	163	0.26	-	-
Goba Koricha.....	19,987	99.87	27	0.13	-	-	-	-	-	-	-	-
Anchar.....	13,430	100.00	-	-	-	-	-	-	-	-	-	-
Habro.....	30,386	100.00	-	-	-	-	-	-	-	-	-	-
Darolebu.....	26,949	99.89	29	0.11	-	-	-	-	-	-	-	-
Boke.....	22,144	100.00	-	-	-	-	-	-	-	-	-	-
Kuni.....	26,701	100.00	-	-	-	-	-	-	-	-	-	-
East Harerge Zone.....	386,416	99.80	649	0.17	98	0.03	-	-	30	0.01	-	-
Kombolcha.....	20,710	100.00	-	-	-	-	-	-	-	-	-	-
Jarso.....	17,052	100.00	-	-	-	-	-	-	-	-	-	-
Gursum.....	25,522	99.82	45	0.18	-	-	-	-	-	-	-	-
Babile.....	10,237	100.00	-	-	-	-	-	-	-	-	-	-
Fedis.....	24,509	99.77	26	0.11	-	-	-	-	30	0.12	-	-
Haro Maya.....	31,318	99.73	86	0.27	-	-	-	-	-	-	-	-
Kurfa Chele.....	7,122	100.00	-	-	-	-	-	-	-	-	-	-
Kersa.....	27,715	99.89	30	0.11	-	-	-	-	-	-	-	-

[illegible]

Table 8.20B:- 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	%
Oromia Region	3,924,641	98.57	54,134	1.36	2,253	0.06	527	0.01	34	0.00	115	0.00
West Welega Zone.....	310,742	98.99	2,675	0.85	348	0.11	143	0.05	-	-	15	0.00
Mana Sibu.....	26,528	98.17	403	1.49	-	-	91	0.34	-	-	-	-
Nejo.....	17,825	99.49	64	0.36	27	0.15	-	-	-	-	-	-
Gimbi.....	16,927	99.01	169	0.99	-	-	-	-	-	-	-	-
Lalo Asabi.....	10,708	98.18	141	1.29	57	0.52	-	-	-	-	-	-
Boji	15,059	99.15	97	0.64	17	0.11	-	-	-	-	15	0.10
Ayra Guliso.....	16,271	99.39	100	0.61	-	-	-	-	-	-	-	-
Jarso	16,149	99.75	41	0.25	-	-	-	-	-	-	-	-
Gidami	13,287	97.44	307	2.25	42	0.31	-	-	-	-	-	-
Jimma Horo	6,745	98.19	124	1.81	-	-	-	-	-	-	-	-
Hawa Welel	17,140	98.99	156	0.90	19	0.11	-	-	-	-	-	-
Gawo Dale	23,461	98.49	295	1.24	32	0.13	32	0.13	-	-	-	-
Dale Sadi.....	11,027	99.19	90	0.81	-	-	-	-	-	-	-	-
Yubdo	5,619	99.63	7	0.12	14	0.25	-	-	-	-	-	-
Ganji	9,579	99.67	32	0.33	-	-	-	-	-	-	-	-
Haru	11,352	98.64	156	1.36	-	-	-	-	-	-	-	-
Nole Kaba.....	23,257	99.44	103	0.44	28	0.12	-	-	-	-	-	-
Lalo Kilie.....	7,855	99.43	37	0.47	-	-	8	0.10	-	-	-	-
Sayo	19,706	99.30	67	0.34	71	0.36	-	-	-	-	-	-
Anfilo.....	11,709	98.83	127	1.07	-	-	12	0.10	-	-	-	-
Begi.....	30,536	99.36	158	0.51	40	0.13	-	-	-	-	-	-
East Welega Zone.....	258,990	99.27	1,333	0.51	386	0.15	121	0.05	34	0.01	29	0.01
Limu.....	20,561	99.38	64	0.31	31	0.15	34	0.16	-	-	-	-
Ibantu	5,080	99.86	-	-	7	0.14	-	-	-	-	-	-
Gida Kiremu	21,932	98.94	100	0.45	136	0.61	-	-	-	-	-	-
Jarte.....	7,305	99.21	28	0.38	20	0.27	10	0.14	-	-	-	-
Amuru.....	7,706	99.57	21	0.27	12	0.16	-	-	-	-	-	-
Abe Dongoro	9,431	99.59	39	0.41	-	-	-	-	-	-	-	-
Jimma Horo	23,907	99.52	87	0.36	-	-	-	-	-	-	29	0.12
Abay Chomen.....	4,648	98.58	47	1.00	10	0.21	10	0.21	-	-	-	-
Guduru	21,349	99.21	171	0.79	-	-	-	-	-	-	-	-
Jimma Rare.....	7,654	98.91	84	1.09	-	-	-	-	-	-	-	-
Bila Seyo.....	13,296	98.71	133	0.99	20	0.15	-	-	21	0.16	-	-
Sibu Sire	15,091	99.26	94	0.62	18	0.12	-	-	-	-	-	-
Guto Wayu.....	28,362	99.56	95	0.33	-	-	30	0.11	-	-	-	-
Sasiga.....	11,254	99.19	30	0.26	23	0.20	39	0.34	-	-	-	-
Leka Dulecha.....	10,543	99.89	-	-	12	0.11	-	-	-	-	-	-
Diga.....	11,733	98.86	55	0.46	67	0.56	-	-	13	0.11	-	-
Jimma Arjo	13,117	98.38	216	1.62	-	-	-	-	-	-	-	-
Nunu Kumba.....	10,373	99.38	52	0.50	13	0.12	-	-	-	-	-	-
Wama Bonaya.....	15,645	99.78	16	0.10	19	0.12	-	-	-	-	-	-
Illibabor Zone	192,979	98.82	2,149	1.10	159	0.08	-	-	-	-	-	-
Darimu	22,066	98.84	258	1.16	-	-	-	-	-	-	-	-
Supena Sodo	13,071	99.48	68	0.52	-	-	-	-	-	-	-	-
Chora.....	19,104	97.70	450	2.30	-	-	-	-	-	-	-	-
Dega.....	10,124	99.34	27	0.26	40	0.39	-	-	-	-	-	-
Bedele	20,352	99.22	102	0.50	59	0.29	-	-	-	-	-	-
Gechi.....	10,844	99.55	34	0.31	15	0.14	-	-	-	-	-	-
Borecha Wereda	8,893	98.48	126	1.40	11	0.12	-	-	-	-	-	-
Dedesa.....	13,850	98.70	183	1.30	-	-	-	-	-	-	-	-
yayu.....	18,868	98.27	333	1.73	-	-	-	-	-	-	-	-
Metu.....	22,419	98.98	232	1.02	-	-	-	-	-	-	-	-

Table 8.20B:- 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	%
Illibabor Zone												
Ale	17,101	98.53	255	1.47	-	-	-	-	-	-	-	-
Bure	11,875	99.02	82	0.68	35	0.29	-	-	-	-	-	-
Nono	4,411	100.00	-	-	-	-	-	-	-	-	-	-
Jimma Zone	432,951	97.66	10,005	2.26	343	0.08	16	0.00	-	-	-	-
Limu Seka.....	28,758	98.33	448	1.53	39	0.13	-	-	-	-	-	-
Limu Kosa.....	43,606	94.96	2,315	5.04	-	-	-	-	-	-	-	-
Sokoru.....	25,499	99.66	60	0.23	27	0.11	-	-	-	-	-	-
Tiro Afeta	23,641	97.95	449	1.86	29	0.12	16	0.07	-	-	-	-
Kersa	28,602	97.04	872	2.96	-	-	-	-	-	-	-	-
Mana	27,674	99.49	142	0.51	-	-	-	-	-	-	-	-
Goma	48,636	98.21	752	1.52	135	0.27	-	-	-	-	-	-
Gera	19,416	93.33	1,387	6.67	-	-	-	-	-	-	-	-
Seka chekorsa	55,556	98.47	866	1.53	-	-	-	-	-	-	-	-
Dedo.....	52,918	97.93	1,117	2.07	-	-	-	-	-	-	-	-
Omonada.....	45,017	97.92	887	1.93	68	0.15	-	-	-	-	-	-
Sigmo	15,730	97.51	356	2.21	46	0.29	-	-	-	-	-	-
Setema	17,895	98.06	354	1.94	-	-	-	-	-	-	-	-
West Shewa Zone	492,633	98.02	9,812	1.95	128	0.03	18	0.00	-	-	-	-
Ginde Beret.....	32,191	95.72	1,439	4.28	-	-	-	-	-	-	-	-
Jeldu.....	33,235	98.62	429	1.27	37	0.11	-	-	-	-	-	-
Ambo	39,287	97.92	835	2.08	-	-	-	-	-	-	-	-
Cheliya.....	36,749	99.29	262	0.71	-	-	-	-	-	-	-	-
Bako Tibe	19,296	99.52	93	0.48	-	-	-	-	-	-	-	-
Dano.....	15,218	97.90	308	1.98	-	-	18	0.12	-	-	-	-
Nono	22,412	96.85	728	3.15	-	-	-	-	-	-	-	-
Tikur	12,457	98.90	139	1.10	-	-	-	-	-	-	-	-
Amaya.....	21,689	98.84	254	1.16	-	-	-	-	-	-	-	-
Wonchi.....	17,231	99.00	174	1.00	-	-	-	-	-	-	-	-
Dendi	36,831	99.26	275	0.74	-	-	-	-	-	-	-	-
Ejerie.....	15,060	98.96	159	1.04	-	-	-	-	-	-	-	-
Adda Berga.....	18,795	97.37	507	2.63	-	-	-	-	-	-	-	-
Walmara.....	16,602	97.24	471	2.76	-	-	-	-	-	-	-	-
Alem Gana	20,271	98.37	287	1.39	49	0.24	-	-	-	-	-	-
Kersana Kondaltiti.....	20,712	93.93	1,339	6.07	-	-	-	-	-	-	-	-
Tole.....	10,114	97.24	287	2.76	-	-	-	-	-	-	-	-
Elu.....	10,177	98.29	151	1.46	26	0.25	-	-	-	-	-	-
Dawo.....	12,897	98.69	154	1.18	17	0.13	-	-	-	-	-	-
Walisona Goro.....	35,419	99.40	214	0.60	-	-	-	-	-	-	-	-
Becho	10,792	95.56	502	4.44	-	-	-	-	-	-	-	-
Kokir.....	11,996	97.04	366	2.96	-	-	-	-	-	-	-	-
Meta Robi	23,199	98.14	440	1.86	-	-	-	-	-	-	-	-
North Shewa(Oromia) Zone.....	234,438	98.91	2,226	0.94	218	0.09	129	0.05	-	-	-	-
Wara Jarso	24,804	99.18	139	0.56	-	-	66	0.26	-	-	-	-
Dera	34,899	99.61	136	0.39	-	-	-	-	-	-	-	-
Hidabu Abote.....	15,762	99.23	64	0.40	58	0.37	-	-	-	-	-	-
Kuyu	19,957	99.34	133	0.66	-	-	-	-	-	-	-	-
Degem.....	17,276	96.32	636	3.55	24	0.13	-	-	-	-	-	-
Gerar Jarso	13,023	98.94	122	0.93	18	0.14	-	-	-	-	-	-
Yaya Gulelena Debre	16,451	99.31	65	0.39	50	0.30	-	-	-	-	-	-
Wuchalena Jido	21,639	98.28	295	1.34	54	0.25	29	0.13	-	-	-	-
Abichuna Gna'a	11,853	99.87	15	0.13	-	-	-	-	-	-	-	-
Kembibit	10,800	99.45	46	0.42	14	0.13	-	-	-	-	-	-
Berehna Aleltu.....	24,599	99.29	141	0.57	-	-	34	0.14	-	-	-	-
Mulona Sululta	23,374	98.17	436	1.83	-	-	-	-	-	-	-	-

Table 8.20B:- Number of Crop Holders that Owned Sprayer (hand operated) by Geographic area. (Continued.)

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	%
East Shewa Zone	307,892	97.75	7,014	2.23	60	0.02	-	-	-	-	-	-
Fentale	6,617	99.10	60	0.90	-	-	-	-	-	-	-	-
Boset	24,640	99.21	197	0.79	-	-	-	-	-	-	-	-
Adama	26,031	96.75	848	3.15	27	0.10	-	-	-	-	-	-
Lome	13,546	93.01	1,000	6.87	18	0.12	-	-	-	-	-	-
Gimbichu	15,443	99.19	126	0.81	-	-	-	-	-	-	-	-
Ada'a Liben Chukala	38,426	95.64	1,750	4.36	-	-	-	-	-	-	-	-
Dugda Bora	28,236	97.89	608	2.11	-	-	-	-	-	-	-	-
Adami Tullu Jido	23,638	99.34	156	0.66	-	-	-	-	-	-	-	-
Arsi Negele	26,376	99.22	208	0.78	-	-	-	-	-	-	-	-
Shashemene	45,372	98.40	736	1.60	-	-	-	-	-	-	-	-
Seraro	48,105	99.78	104	0.22	-	-	-	-	-	-	-	-
Akaki	11,461	90.27	1,220	9.61	15	0.12	-	-	-	-	-	-
Arsi Zone	483,735	98.12	9,030	1.83	125	0.03	47	0.01	-	-	70	0.01
Merti	21,936	96.42	752	3.31	31	0.14	31	0.14	-	-	-	-
Aseko	13,947	96.88	449	3.12	-	-	-	-	-	-	-	-
Gololcha	28,957	99.24	221	0.76	-	-	-	-	-	-	-	-
Jezu	21,965	98.87	252	1.13	-	-	-	-	-	-	-	-
Dodotana Sire	22,476	98.20	395	1.73	-	-	16	0.07	-	-	-	-
Zeway Dugda	20,737	97.82	436	2.06	27	0.13	-	-	-	-	-	-
Hitosa	38,238	97.47	991	2.53	-	-	-	-	-	-	-	-
Sude	25,330	99.33	171	0.67	-	-	-	-	-	-	-	-
Chole	15,770	99.07	148	0.93	-	-	-	-	-	-	-	-
Amigna	11,008	98.50	155	1.39	13	0.12	-	-	-	-	-	-
Seru	17,910	98.38	295	1.62	-	-	-	-	-	-	-	-
Robe	26,789	98.99	273	1.01	-	-	-	-	-	-	-	-
Tena	20,526	99.24	158	0.76	-	-	-	-	-	-	-	-
Sherka	25,889	98.05	516	1.95	-	-	-	-	-	-	-	-
Digeluna Tijo	22,073	99.51	79	0.36	-	-	-	-	-	-	29	0.13
Tiyo	15,706	98.30	218	1.36	54	0.34	-	-	-	-	-	-
Munesa	34,458	97.97	713	2.03	-	-	-	-	-	-	-	-
Bekoji	35,384	98.30	570	1.58	-	-	-	-	-	-	41	0.11
Gedeb	23,126	93.07	1,721	6.93	-	-	-	-	-	-	-	-
Kofele	41,508	98.76	520	1.24	-	-	-	-	-	-	-	-
West Harerge Zone	289,494	99.36	1,862	0.64	-	-	-	-	-	-	-	-
Mieso	16,335	99.60	65	0.40	-	-	-	-	-	-	-	-
Doba	22,709	99.74	59	0.26	-	-	-	-	-	-	-	-
Tulo	24,290	99.84	39	0.16	-	-	-	-	-	-	-	-
Mesela	25,728	99.57	112	0.43	-	-	-	-	-	-	-	-
Chiro	62,029	99.46	339	0.54	-	-	-	-	-	-	-	-
Goba Koricha	19,981	99.84	33	0.16	-	-	-	-	-	-	-	-
Anchar	13,358	99.46	72	0.54	-	-	-	-	-	-	-	-
Habro	29,710	97.78	676	2.22	-	-	-	-	-	-	-	-
Darolebu	26,859	99.56	119	0.44	-	-	-	-	-	-	-	-
Boke	22,077	99.70	67	0.30	-	-	-	-	-	-	-	-
Kuni	26,419	98.94	282	1.06	-	-	-	-	-	-	-	-
East Harerge Zone	384,618	99.33	2,493	0.64	82	0.02	-	-	-	-	-	-
Kombolcha	20,560	99.28	129	0.62	21	0.10	-	-	-	-	-	-
Jarso	17,052	100.00	-	-	-	-	-	-	-	-	-	-
Gursum	25,495	99.72	72	0.28	-	-	-	-	-	-	-	-
Babile	10,237	100.00	-	-	-	-	-	-	-	-	-	-
Fedis	24,464	99.59	101	0.41	-	-	-	-	-	-	-	-
Haro Maya	30,590	97.41	814	2.59	-	-	-	-	-	-	-	-
Kurfä Chele	7,115	99.90	7	0.10	-	-	-	-	-	-	-	-
Kersa	27,607	99.50	138	0.50	-	-	-	-	-	-	-	-

Table 8.20B:- Number of Crop Holders that Owned Sprayer (hand operated) by Geographic area. (Continued.)

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	%
East Harerge Zone.....												
Meta.....	43,712	99.86	63	0.14	-	-	-	-	-	-	-	-
Goro Gutu.....	25,625	99.64	93	0.36	-	-	-	-	-	-	-	-
Deder.....	38,126	99.64	139	0.36	-	-	-	-	-	-	-	-
Malka Balo.....	24,802	99.49	128	0.51	-	-	-	-	-	-	-	-
Bedeno.....	42,486	97.99	809	1.87	61	0.14	-	-	-	-	-	-
Girawa.....	38,886	100.00	-	-	-	-	-	-	-	-	-	-
Gola Oda.....	7,861	100.00	-	-	-	-	-	-	-	-	-	-
Bale Zone.....	254,509	98.24	4,373	1.69	176	0.07	-	-	-	-	-	-
Kokosa.....	23,311	99.73	35	0.15	29	0.12	-	-	-	-	-	-
Dodola.....	23,395	98.92	255	1.08	-	-	-	-	-	-	-	-
Adaba.....	19,062	96.00	765	3.85	29	0.15	-	-	-	-	-	-
Agarfa.....	12,708	96.67	438	3.33	-	-	-	-	-	-	-	-
Gasera.....	11,503	95.16	585	4.84	-	-	-	-	-	-	-	-
Gololcha.....	14,720	98.70	194	1.30	-	-	-	-	-	-	-	-
Legehida.....	8,069	99.69	25	0.31	-	-	-	-	-	-	-	-
Ginir.....	21,530	99.43	123	0.57	-	-	-	-	-	-	-	-
Sinanana Dinsho.....	24,078	96.36	910	3.64	-	-	-	-	-	-	-	-
Goba.....	7,084	98.62	99	1.38	-	-	-	-	-	-	-	-
Mennana Arena Buluk.....	18,980	98.86	193	1.01	25	0.13	-	-	-	-	-	-
Nensebo.....	13,934	98.34	235	1.66	-	-	-	-	-	-	-	-
Meda Welabu.....	12,521	99.71	36	0.29	-	-	-	-	-	-	-	-
Berbere.....	10,017	98.08	181	1.77	15	0.15	-	-	-	-	-	-
Guradamole.....	4,129	99.25	19	0.46	12	0.29	-	-	-	-	-	-
Goro.....	15,665	98.31	221	1.39	48	0.30	-	-	-	-	-	-
Raytu.....	6,147	99.66	21	0.34	-	-	-	-	-	-	-	-
Seweyna.....	7,656	99.29	37	0.48	18	0.23	-	-	-	-	-	-
Borena Zone.....	281,661	99.49	1,164	0.41	228	0.08	51	0.02	-	-	-	-
Uraga.....	42,444	99.58	128	0.30	-	-	51	0.12	-	-	-	-
Bore.....	30,236	99.35	197	0.65	-	-	-	-	-	-	-	-
Adolana Wadera.....	22,501	99.49	81	0.36	34	0.15	-	-	-	-	-	-
Odo Shakiso.....	13,881	99.04	93	0.66	41	0.29	-	-	-	-	-	-
Hager Mariam.....	85,688	99.50	296	0.34	132	0.15	-	-	-	-	-	-
Yabelo.....	10,039	99.58	42	0.42	-	-	-	-	-	-	-	-
Arero.....	3,322	99.73	9	0.27	-	-	-	-	-	-	-	-
Liben.....	14,815	99.80	29	0.20	-	-	-	-	-	-	-	-
Moyale.....	10,511	97.90	204	1.90	21	0.20	-	-	-	-	-	-
Dire.....	13,675	99.68	44	0.32	-	-	-	-	-	-	-	-
Teltele.....	7,361	100.00	-	-	-	-	-	-	-	-	-	-
Gelana Abaya.....	27,188	99.85	41	0.15	-	-	-	-	-	-	-	-

Table 8.21B:- 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	%
Oromia Region.....	3,967,712	99.65	13,565	0.34	367	0.01	60	0.00	-	-	-	-
West Welega Zone.....	313,457	99.85	416	0.13	50	0.02	-	-	-	-	-	-
Mana Sibu.....	26,955	99.75	29	0.11	38	0.14	-	-	-	-	-	-
Nejo.....	17,916	100.00	-	-	-	-	-	-	-	-	-	-
Gimbi.....	17,076	99.88	20	0.12	-	-	-	-	-	-	-	-
Lalo Asabi.....	10,882	99.78	24	0.22	-	-	-	-	-	-	-	-
Boji.....	15,167	99.86	21	0.14	-	-	-	-	-	-	-	-
Ayra Guliso.....	16,371	100.00	-	-	-	-	-	-	-	-	-	-
Jarso.....	16,170	99.88	20	0.12	-	-	-	-	-	-	-	-
Gidami.....	13,589	99.66	36	0.26	11	0.08	-	-	-	-	-	-
Jimma Horo.....	6,869	100.00	-	-	-	-	-	-	-	-	-	-
Hawa Welel.....	17,315	100.00	-	-	-	-	-	-	-	-	-	-
Gawo Dale.....	23,820	100.00	-	-	-	-	-	-	-	-	-	-
Dale Sadi.....	11,117	100.00	-	-	-	-	-	-	-	-	-	-
Yubdo.....	5,640	100.00	-	-	-	-	-	-	-	-	-	-
Ganji.....	9,611	100.00	-	-	-	-	-	-	-	-	-	-
Haru.....	11,494	99.88	14	0.12	-	-	-	-	-	-	-	-
Nole Kaba.....	23,388	100.00	-	-	-	-	-	-	-	-	-	-
Lalo Kilie.....	7,900	100.00	-	-	-	-	-	-	-	-	-	-
Sayo.....	19,650	99.02	194	0.98	-	-	-	-	-	-	-	-
Anfilo.....	11,834	99.88	14	0.12	-	-	-	-	-	-	-	-
Begi.....	30,689	99.85	45	0.15	-	-	-	-	-	-	-	-
East Welega Zone.....	260,615	99.89	226	0.09	52	0.02	-	-	-	-	-	-
Limu.....	20,660	99.86	30	0.14	-	-	-	-	-	-	-	-
Ibantu.....	5,087	100.00	-	-	-	-	-	-	-	-	-	-
Gida Kiremu.....	22,002	99.25	114	0.51	52	0.23	-	-	-	-	-	-
Jarte.....	7,346	99.77	17	0.23	-	-	-	-	-	-	-	-
Amuru.....	7,739	100.00	-	-	-	-	-	-	-	-	-	-
Abe Dongoro.....	9,428	99.56	42	0.44	-	-	-	-	-	-	-	-
Jimma Horo.....	24,023	100.00	-	-	-	-	-	-	-	-	-	-
Abay Chomen.....	4,715	100.00	-	-	-	-	-	-	-	-	-	-
Guduru.....	21,520	100.00	-	-	-	-	-	-	-	-	-	-
Jimma Rare.....	7,738	100.00	-	-	-	-	-	-	-	-	-	-
Bila Seyo.....	13,470	100.00	-	-	-	-	-	-	-	-	-	-
Sibu Sire.....	15,180	99.85	23	0.15	-	-	-	-	-	-	-	-
Guto Wayu.....	28,487	100.00	-	-	-	-	-	-	-	-	-	-
Sasiga.....	11,346	100.00	-	-	-	-	-	-	-	-	-	-
Leka Dulecha.....	10,555	100.00	-	-	-	-	-	-	-	-	-	-
Diga.....	11,868	100.00	-	-	-	-	-	-	-	-	-	-
Jimma Arjo.....	13,333	100.00	-	-	-	-	-	-	-	-	-	-
Nunu Kumba.....	10,438	100.00	-	-	-	-	-	-	-	-	-	-
Wama Bonaya.....	15,680	100.00	-	-	-	-	-	-	-	-	-	-
Illibabor Zone.....	194,755	99.73	532	0.27	-	-	-	-	-	-	-	-
Darimu.....	22,324	100.00	-	-	-	-	-	-	-	-	-	-
Supena Sodo.....	13,009	99.01	130	0.99	-	-	-	-	-	-	-	-
Chora.....	19,473	99.59	81	0.41	-	-	-	-	-	-	-	-
Dega.....	10,191	100.00	-	-	-	-	-	-	-	-	-	-
Bedele.....	20,485	99.86	28	0.14	-	-	-	-	-	-	-	-
Gechi.....	10,893	100.00	-	-	-	-	-	-	-	-	-	-
Borecha Wereda.....	9,030	100.00	-	-	-	-	-	-	-	-	-	-
Dedesa.....	14,017	99.89	16	0.11	-	-	-	-	-	-	-	-
yayu.....	19,093	99.44	108	0.56	-	-	-	-	-	-	-	-
Metu.....	22,521	99.43	130	0.57	-	-	-	-	-	-	-	-

[illegible]

Table 8.21B:- Number of Crop Holders that Owned Wheelbarrow by Geographic area. (Continued.)

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	%
East Shewa Zone.....	311,588	98.93	3,304	1.05	74	0.02	-	-	-	-	-	-
Fentale.....	6,677	100.00	-	-	-	-	-	-	-	-	-	-
Boset.....	24,535	98.78	302	1.22	-	-	-	-	-	-	-	-
Adama.....	26,617	98.93	263	0.98	26	0.10	-	-	-	-	-	-
Lome.....	14,256	97.89	308	2.11	-	-	-	-	-	-	-	-
Gimbichu.....	15,569	100.00	-	-	-	-	-	-	-	-	-	-
Ada'a Liben Chukala.....	39,985	99.52	191	0.48	-	-	-	-	-	-	-	-
Dugda Bora.....	28,798	99.84	46	0.16	-	-	-	-	-	-	-	-
Adami Tullu Jido.....	23,768	99.89	26	0.11	-	-	-	-	-	-	-	-
Arsi Negele.....	26,236	98.69	348	1.31	-	-	-	-	-	-	-	-
Shashemene.....	44,648	96.83	1,411	3.06	49	0.11	-	-	-	-	-	-
Seraro.....	47,832	99.22	377	0.78	-	-	-	-	-	-	-	-
Akaki.....	12,664	99.75	32	0.25	-	-	-	-	-	-	-	-
Arsi Zone.....	491,540	99.70	1,467	0.30	-	-	-	-	-	-	-	-
Merti.....	22,750	100.00	-	-	-	-	-	-	-	-	-	-
Aseko.....	14,396	100.00	-	-	-	-	-	-	-	-	-	-
Gololcha.....	29,178	100.00	-	-	-	-	-	-	-	-	-	-
Jeju.....	22,189	99.87	28	0.13	-	-	-	-	-	-	-	-
Dodotana Sire.....	22,840	99.79	47	0.21	-	-	-	-	-	-	-	-
Zeway Dugda.....	21,075	99.41	125	0.59	-	-	-	-	-	-	-	-
Hitosa.....	39,188	99.90	41	0.10	-	-	-	-	-	-	-	-
Sude.....	25,461	99.84	40	0.16	-	-	-	-	-	-	-	-
Chole.....	15,918	100.00	-	-	-	-	-	-	-	-	-	-
Amigna.....	11,151	99.78	25	0.22	-	-	-	-	-	-	-	-
Seru.....	18,205	100.00	-	-	-	-	-	-	-	-	-	-
Robe.....	27,062	100.00	-	-	-	-	-	-	-	-	-	-
Tena.....	20,684	100.00	-	-	-	-	-	-	-	-	-	-
Sherka.....	26,405	100.00	-	-	-	-	-	-	-	-	-	-
Digeluna Tijo.....	22,069	99.50	112	0.50	-	-	-	-	-	-	-	-
Tiyo.....	15,819	99.00	159	1.00	-	-	-	-	-	-	-	-
Munesa.....	35,171	100.00	-	-	-	-	-	-	-	-	-	-
Bekoji.....	35,807	99.48	188	0.52	-	-	-	-	-	-	-	-
Gedeb.....	24,182	97.32	665	2.68	-	-	-	-	-	-	-	-
Kofele.....	41,990	99.91	38	0.09	-	-	-	-	-	-	-	-
West Harerge Zone.....	289,370	99.32	1,920	0.66	66	0.02	-	-	-	-	-	-
Mieso.....	16,377	99.86	23	0.14	-	-	-	-	-	-	-	-
Doba.....	22,768	100.00	-	-	-	-	-	-	-	-	-	-
Tulo.....	24,297	99.87	32	0.13	-	-	-	-	-	-	-	-
Mesela.....	25,732	99.58	108	0.42	-	-	-	-	-	-	-	-
Chiro.....	62,208	99.74	160	0.26	-	-	-	-	-	-	-	-
Goba Koricha.....	20,014	100.00	-	-	-	-	-	-	-	-	-	-
Anchar.....	13,430	100.00	-	-	-	-	-	-	-	-	-	-
Habro.....	29,503	97.09	847	2.79	36	0.12	-	-	-	-	-	-
Darolebu.....	26,331	97.60	616	2.28	31	0.11	-	-	-	-	-	-
Boke.....	22,102	99.81	42	0.19	-	-	-	-	-	-	-	-
Kuni.....	26,609	99.66	92	0.34	-	-	-	-	-	-	-	-
East Harerge Zone.....	385,419	99.54	1,752	0.45	-	-	22	0.01	-	-	-	-
Kombolcha.....	20,259	97.82	451	2.18	-	-	-	-	-	-	-	-
Jarso.....	17,030	99.87	-	-	-	-	22	0.13	-	-	-	-
Gursum.....	25,531	99.86	36	0.14	-	-	-	-	-	-	-	-
Babile.....	10,184	99.48	53	0.52	-	-	-	-	-	-	-	-
Fedis.....	24,565	100.00	-	-	-	-	-	-	-	-	-	-
Haro Maya.....	30,562	97.32	842	2.68	-	-	-	-	-	-	-	-
Kurfä Chele.....	7,113	99.87	9	0.13	-	-	-	-	-	-	-	-
Kersa.....	27,745	100.00	-	-	-	-	-	-	-	-	-	-

Table 8.21B:- Number of Crop Holders that Owned Wheelbarrow by Geographic area. (Continued.)

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	%
East Harerge Zone.....												
Meta	43,672	99.76	103	0.24	-	-	-	-	-	-	-	-
Goro Gutu	25,687	99.88	31	0.12	-	-	-	-	-	-	-	-
Deder	38,212	99.86	53	0.14	-	-	-	-	-	-	-	-
Malka Balo	24,816	99.54	114	0.46	-	-	-	-	-	-	-	-
Bedeno	43,295	99.86	61	0.14	-	-	-	-	-	-	-	-
Girawa	38,886	100.00	-	-	-	-	-	-	-	-	-	-
Gola Oda	7,861	100.00	-	-	-	-	-	-	-	-	-	-
Bale Zone	258,659	99.85	370	0.14	29	0.01	-	-	-	-	-	-
Kokosa	23,348	99.88	27	0.12	-	-	-	-	-	-	-	-
Dodola	23,597	99.78	53	0.22	-	-	-	-	-	-	-	-
Adaba	19,776	99.60	80	0.40	-	-	-	-	-	-	-	-
Agarfa	13,061	99.35	85	0.65	-	-	-	-	-	-	-	-
Gasera	12,068	99.83	20	0.17	-	-	-	-	-	-	-	-
Gololcha	14,914	100.00	-	-	-	-	-	-	-	-	-	-
Legehida	8,094	100.00	-	-	-	-	-	-	-	-	-	-
Ginir	21,653	100.00	-	-	-	-	-	-	-	-	-	-
Sinanana Dinsho	24,916	99.71	43	0.17	29	0.12	-	-	-	-	-	-
Goba	7,183	100.00	-	-	-	-	-	-	-	-	-	-
Mennana Arena Buluk	19,181	99.91	17	0.09	-	-	-	-	-	-	-	-
Nensebo	14,169	100.00	-	-	-	-	-	-	-	-	-	-
Meda Welabu	12,544	99.90	13	0.10	-	-	-	-	-	-	-	-
Berbere	10,213	100.00	-	-	-	-	-	-	-	-	-	-
Guradamole	4,160	100.00	-	-	-	-	-	-	-	-	-	-
Goro	15,911	99.86	23	0.14	-	-	-	-	-	-	-	-
Raytu	6,168	100.00	-	-	-	-	-	-	-	-	-	-
Seweyna	7,701	99.87	10	0.13	-	-	-	-	-	-	-	-
Borena Zone.....	282,076	99.64	1,014	0.36	14	0.00	-	-	-	-	-	-
Uraga	42,623	100.00	-	-	-	-	-	-	-	-	-	-
Bore	30,433	100.00	-	-	-	-	-	-	-	-	-	-
Adolana Wadera	22,589	99.88	27	0.12	-	-	-	-	-	-	-	-
Odo Shakiso	13,962	99.62	53	0.38	-	-	-	-	-	-	-	-
Hager Mariam	85,831	99.67	285	0.33	-	-	-	-	-	-	-	-
Yabelo	9,996	99.16	71	0.70	14	0.14	-	-	-	-	-	-
Arero	3,331	100.00	-	-	-	-	-	-	-	-	-	-
Liben	14,809	99.76	35	0.24	-	-	-	-	-	-	-	-
Moyale	10,314	96.07	422	3.93	-	-	-	-	-	-	-	-
Dire	13,628	99.34	91	0.66	-	-	-	-	-	-	-	-
Teltele	7,361	100.00	-	-	-	-	-	-	-	-	-	-
Gelana Abaya	27,199	99.89	30	0.11	-	-	-	-	-	-	-	-

Table 8.22B:- 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	%
Oromia Region	3,976,685	99.87	3,302	0.08	1,440	0.04	104	0.00	132	0.00	41	0.00
West Welega Zone.....	313,738	99.94	149	0.05	36	0.01	-	-	-	-	-	-
Mana Sibu.....	27,022	100.00	-	-	-	-	-	-	-	-	-	-
Nejo.....	17,916	100.00	-	-	-	-	-	-	-	-	-	-
Gimbi.....	17,074	99.87	22	0.13	-	-	-	-	-	-	-	-
Lalo Asabi.....	10,863	99.61	14	0.13	29	0.27	-	-	-	-	-	-
Boji	15,188	100.00	-	-	-	-	-	-	-	-	-	-
Ayra Guliso.....	16,371	100.00	-	-	-	-	-	-	-	-	-	-
Jarso	16,190	100.00	-	-	-	-	-	-	-	-	-	-
Gidami	13,617	99.86	19	0.14	-	-	-	-	-	-	-	-
Jimma Horo	6,869	100.00	-	-	-	-	-	-	-	-	-	-
Hawa Welel	17,315	100.00	-	-	-	-	-	-	-	-	-	-
Gawo Dale	23,788	99.87	32	0.13	-	-	-	-	-	-	-	-
Dale Sadi.....	11,117	100.00	-	-	-	-	-	-	-	-	-	-
Yubdo	5,633	99.88	-	-	7	0.12	-	-	-	-	-	-
Ganji	9,611	100.00	-	-	-	-	-	-	-	-	-	-
Haru	11,493	99.87	15	0.13	-	-	-	-	-	-	-	-
Nole Kaba.....	23,388	100.00	-	-	-	-	-	-	-	-	-	-
Lalo Kilie.....	7,890	99.87	10	0.13	-	-	-	-	-	-	-	-
Sayo	19,844	100.00	-	-	-	-	-	-	-	-	-	-
Anfilo.....	11,848	100.00	-	-	-	-	-	-	-	-	-	-
Begi.....	30,696	99.88	38	0.12	-	-	-	-	-	-	-	-
East Welega Zone.....	260,242	99.75	307	0.12	313	0.12	12	0.00	-	-	19	0.01
Limu.....	20,394	98.57	127	0.61	169	0.82	-	-	-	-	-	-
Ibantu.....	5,087	100.00	-	-	-	-	-	-	-	-	-	-
Gida Kiremu	22,103	99.71	29	0.13	36	0.16	-	-	-	-	-	-
Jarte.....	7,363	100.00	-	-	-	-	-	-	-	-	-	-
Amuru.....	7,727	99.84	-	-	-	-	12	0.16	-	-	-	-
Abe Dongoro	9,470	100.00	-	-	-	-	-	-	-	-	-	-
Jimma Horo	23,990	99.86	-	-	33	0.14	-	-	-	-	-	-
Abay Chomen.....	4,715	100.00	-	-	-	-	-	-	-	-	-	-
Guduru.....	21,494	99.88	-	-	26	0.12	-	-	-	-	-	-
Jimma Rare.....	7,724	99.82	-	-	14	0.18	-	-	-	-	-	-
Bila Seyo.....	13,398	99.47	37	0.27	35	0.26	-	-	-	-	-	-
Sibu Sire	15,187	99.89	16	0.11	-	-	-	-	-	-	-	-
Guto Wayu.....	28,487	100.00	-	-	-	-	-	-	-	-	-	-
Sasiga.....	11,334	99.89	12	0.11	-	-	-	-	-	-	-	-
Leka Dulecha.....	10,543	99.89	12	0.11	-	-	-	-	-	-	-	-
Diga.....	11,868	100.00	-	-	-	-	-	-	-	-	-	-
Jimma Arjo	13,320	99.90	13	0.10	-	-	-	-	-	-	-	-
Nunu Kumba.....	10,396	99.60	42	0.40	-	-	-	-	-	-	-	-
Wama Bonaya.....	15,642	99.76	19	0.12	-	-	-	-	-	-	19	0.12
Illibabor Zone	195,117	99.91	95	0.05	75	0.04	-	-	-	-	-	-
Darimu	22,263	99.73	29	0.13	32	0.14	-	-	-	-	-	-
Supena Sodo	13,139	100.00	-	-	-	-	-	-	-	-	-	-
Chora.....	19,554	100.00	-	-	-	-	-	-	-	-	-	-
Dega.....	10,191	100.00	-	-	-	-	-	-	-	-	-	-
Bedele	20,486	99.87	27	0.13	-	-	-	-	-	-	-	-
Gechi.....	10,878	99.86	-	-	15	0.14	-	-	-	-	-	-
Borecha Wereda.....	9,007	99.75	12	0.13	11	0.12	-	-	-	-	-	-
Dedesa.....	14,033	100.00	-	-	-	-	-	-	-	-	-	-
yayu.....	19,201	100.00	-	-	-	-	-	-	-	-	-	-
Metu.....	22,625	99.89	26	0.11	-	-	-	-	-	-	-	-

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

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

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	%
East Harerge Zone												
Meta	43,712	99.86	63	0.14	-	-	-	-	-	-	-	-
Goro Gutu	25,422	98.85	258	1.00	38	0.15	-	-	-	-	-	-
Deder.....	38,265	100.00	-	-	-	-	-	-	-	-	-	-
Malka Balo	24,930	100.00	-	-	-	-	-	-	-	-	-	-
Bedeno	43,295	99.86	61	0.14	-	-	-	-	-	-	-	-
Girawa.....	38,886	100.00	-	-	-	-	-	-	-	-	-	-
Gola Oda.....	7,854	99.91	7	0.09	-	-	-	-	-	-	-	-
Bale Zone.....	258,598	99.82	391	0.15	51	0.02	-	-	18	0.01	-	-
Kokosa	23,375	100.00	-	-	-	-	-	-	-	-	-	-
Dodola.....	23,590	99.75	60	0.25	-	-	-	-	-	-	-	-
Adaba.....	19,856	100.00	-	-	-	-	-	-	-	-	-	-
Agarfa.....	13,146	100.00	-	-	-	-	-	-	-	-	-	-
Gasera.....	12,070	99.85	-	-	-	-	-	-	18	0.15	-	-
Gololcha.....	14,878	99.76	18	0.12	18	0.12	-	-	-	-	-	-
Legehida	8,094	100.00	-	-	-	-	-	-	-	-	-	-
Ginir	21,625	99.87	28	0.13	-	-	-	-	-	-	-	-
Sinanana Dinsho	24,988	100.00	-	-	-	-	-	-	-	-	-	-
Goba.....	7,165	99.75	-	-	18	0.25	-	-	-	-	-	-
Mennana Arena Buluk.....	19,151	99.76	47	0.24	-	-	-	-	-	-	-	-
Nensebo	14,154	99.89	-	-	15	0.11	-	-	-	-	-	-
Meda Welabu.....	12,557	100.00	-	-	-	-	-	-	-	-	-	-
Berbere.....	10,213	100.00	-	-	-	-	-	-	-	-	-	-
Guradamole	4,160	100.00	-	-	-	-	-	-	-	-	-	-
Goro.....	15,934	100.00	-	-	-	-	-	-	-	-	-	-
Raytu	5,930	96.14	238	3.86	-	-	-	-	-	-	-	-
Seweyna.....	7,711	100.00	-	-	-	-	-	-	-	-	-	-
Borena Zone.....	282,986	99.96	66	0.02	3	0.00	49	0.02	-	-	-	-
Uruga.....	42,574	99.89	-	-	-	-	49	0.11	-	-	-	-
Bore.....	30,433	100.00	-	-	-	-	-	-	-	-	-	-
Adolana Wadera	22,616	100.00	-	-	-	-	-	-	-	-	-	-
Odo Shakiso.....	14,015	100.00	-	-	-	-	-	-	-	-	-	-
Hager Mariam.....	86,116	100.00	-	-	-	-	-	-	-	-	-	-
Yabelo.....	10,067	99.86	14	0.14	-	-	10	0.10	-	-	-	-
Arero.....	3,328	99.91	-	-	3	0.09	-	-	-	-	-	-
Liben.....	14,844	100.00	-	-	-	-	-	-	-	-	-	-
Moyale.....	10,690	99.57	46	0.43	-	-	-	-	-	-	-	-
Dire.....	13,719	100.00	-	-	-	-	-	-	-	-	-	-
Teltele	7,355	99.92	6	0.08	-	-	-	-	-	-	-	-
Gelana Abava	27,229	100.00	-	-	-	-	-	-	-	-	-	-

Table 8.23B:- Number of Crop Holders that Owned Camel (Specifically for ploughing) by Geographic Area.(Continued.)

[illegible]

Table 8.23B:- Number of Crop Holders that Owned Camel (Specifically for ploughing) by Geographic area. (Contin...)

Geographic area	Number of Crop holders that owned											
	No Camel		One Camel		Two Camels		Three Camels		Four Camels		Five and above Camels	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
East Shewa Zone	314,966	100.00	-	-	-	-	-	-	-	-	-	-
Fentale.....	6,677	100.00	-	-	-	-	-	-	-	-	-	-
Boset	24,837	100.00	-	-	-	-	-	-	-	-	-	-
Adama.....	26,906	100.00	-	-	-	-	-	-	-	-	-	-
Lome.....	14,564	100.00	-	-	-	-	-	-	-	-	-	-
Gimbichu	15,569	100.00	-	-	-	-	-	-	-	-	-	-
Ada'a Liben Chukala	40,176	100.00	-	-	-	-	-	-	-	-	-	-
Dugda Bora	28,844	100.00	-	-	-	-	-	-	-	-	-	-
Adami Tullu Jido	23,794	100.00	-	-	-	-	-	-	-	-	-	-
Arsi Negele	26,584	100.00	-	-	-	-	-	-	-	-	-	-
Shashemene	46,108	100.00	-	-	-	-	-	-	-	-	-	-
Seraro.....	48,209	100.00	-	-	-	-	-	-	-	-	-	-
Akaki.....	12,696	100.00	-	-	-	-	-	-	-	-	-	-
Arsi Zone	493,007	100.00	-	-	-	-	-	-	-	-	-	-
Merti	22,750	100.00	-	-	-	-	-	-	-	-	-	-
Aseko	14,396	100.00	-	-	-	-	-	-	-	-	-	-
Gololcha.....	29,178	100.00	-	-	-	-	-	-	-	-	-	-
Jeju.....	22,217	100.00	-	-	-	-	-	-	-	-	-	-
Dodotana Sire	22,887	100.00	-	-	-	-	-	-	-	-	-	-
Zeway Dugda.....	21,200	100.00	-	-	-	-	-	-	-	-	-	-
Hitosa.....	39,229	100.00	-	-	-	-	-	-	-	-	-	-
Sude	25,501	100.00	-	-	-	-	-	-	-	-	-	-
Chole.....	15,918	100.00	-	-	-	-	-	-	-	-	-	-
Amigna	11,176	100.00	-	-	-	-	-	-	-	-	-	-
Seru	18,205	100.00	-	-	-	-	-	-	-	-	-	-
Robe	27,062	100.00	-	-	-	-	-	-	-	-	-	-
Tena	20,684	100.00	-	-	-	-	-	-	-	-	-	-
Sherka	26,405	100.00	-	-	-	-	-	-	-	-	-	-
Digeluna Tijjo.....	22,181	100.00	-	-	-	-	-	-	-	-	-	-
Tiyo.....	15,978	100.00	-	-	-	-	-	-	-	-	-	-
Munesa.....	35,171	100.00	-	-	-	-	-	-	-	-	-	-
Bekoji.....	35,995	100.00	-	-	-	-	-	-	-	-	-	-
Gedeb.....	24,847	100.00	-	-	-	-	-	-	-	-	-	-
Kofele	42,028	100.00	-	-	-	-	-	-	-	-	-	-
West Harerge Zone	291,356	100.00	-	-	-	-	-	-	-	-	-	-
Mieso	16,400	100.00	-	-	-	-	-	-	-	-	-	-
Doba.....	22,768	100.00	-	-	-	-	-	-	-	-	-	-
Tulo.....	24,329	100.00	-	-	-	-	-	-	-	-	-	-
Mesela.....	25,840	100.00	-	-	-	-	-	-	-	-	-	-
Chiro	62,368	100.00	-	-	-	-	-	-	-	-	-	-
Goba Koricha.....	20,014	100.00	-	-	-	-	-	-	-	-	-	-
Anchar.....	13,430	100.00	-	-	-	-	-	-	-	-	-	-
Habro	30,386	100.00	-	-	-	-	-	-	-	-	-	-
Darolebu	26,978	100.00	-	-	-	-	-	-	-	-	-	-
Boke	22,144	100.00	-	-	-	-	-	-	-	-	-	-
Kuni	26,701	100.00	-	-	-	-	-	-	-	-	-	-
East Harerge Zone	387,193	100.00	-	-	-	-	-	-	-	-	-	-
Kombolcha.....	20,710	100.00	-	-	-	-	-	-	-	-	-	-
Jarso	17,052	100.00	-	-	-	-	-	-	-	-	-	-
Gursum	25,567	100.00	-	-	-	-	-	-	-	-	-	-
Babile.....	10,237	100.00	-	-	-	-	-	-	-	-	-	-
Fedis.....	24,565	100.00	-	-	-	-	-	-	-	-	-	-
Haro Maya	31,404	100.00	-	-	-	-	-	-	-	-	-	-
Kurfä Chele.....	7,122	100.00	-	-	-	-	-	-	-	-	-	-
Kersa	27,745	100.00	-	-	-	-	-	-	-	-	-	-

Table 8.23B:- Number of Crop Holders that Owned Camel (Specifically for ploughing) by Geographic area. (Contin...)

[illegible]

Table 8.24B:- Number of Crop Holders that Owned Horse (Specifically for ploughing) by Geographic area. (Contin...)

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	%
Illibabor Zone												
Ale.....	17,356	100.00	-	-	-	-	-	-	-	-	-	-
Bure.....	11,992	100.00	-	-	-	-	-	-	-	-	-	-
Nono.....	4,411	100.00	-	-	-	-	-	-	-	-	-	-
Jimma Zone	443,315	100.00	-	-	-	-	-	-	-	-	-	-
Limu Seka.....	29,245	100.00	-	-	-	-	-	-	-	-	-	-
Limu Kosa.....	45,921	100.00	-	-	-	-	-	-	-	-	-	-
Sokoru.....	25,586	100.00	-	-	-	-	-	-	-	-	-	-
Tiro Afeta.....	24,135	100.00	-	-	-	-	-	-	-	-	-	-
Kersa	29,474	100.00	-	-	-	-	-	-	-	-	-	-
Mana	27,816	100.00	-	-	-	-	-	-	-	-	-	-
Goma.....	49,523	100.00	-	-	-	-	-	-	-	-	-	-
Gera.....	20,803	100.00	-	-	-	-	-	-	-	-	-	-
Seka chekorsa	56,422	100.00	-	-	-	-	-	-	-	-	-	-
Dedo.....	54,035	100.00	-	-	-	-	-	-	-	-	-	-
Omonada.....	45,972	100.00	-	-	-	-	-	-	-	-	-	-
Sigmo.....	16,132	100.00	-	-	-	-	-	-	-	-	-	-
Setema.....	18,249	100.00	-	-	-	-	-	-	-	-	-	-
West Shewa Zone	502,576	100.00	-	-	-	-	-	-	15	0.00	-	-
Ginde Beret.....	33,630	100.00	-	-	-	-	-	-	-	-	-	-
Jeldu.....	33,701	100.00	-	-	-	-	-	-	-	-	-	-
Ambo	40,122	100.00	-	-	-	-	-	-	-	-	-	-
Cheliya.....	37,011	100.00	-	-	-	-	-	-	-	-	-	-
Bako Tibe.....	19,389	100.00	-	-	-	-	-	-	-	-	-	-
Dano.....	15,544	100.00	-	-	-	-	-	-	-	-	-	-
Nono.....	23,140	100.00	-	-	-	-	-	-	-	-	-	-
Tikur.....	12,596	100.00	-	-	-	-	-	-	-	-	-	-
Amaya.....	21,943	100.00	-	-	-	-	-	-	-	-	-	-
Wonchi.....	17,405	100.00	-	-	-	-	-	-	-	-	-	-
Dendi.....	37,106	100.00	-	-	-	-	-	-	-	-	-	-
Ejerie.....	15,219	100.00	-	-	-	-	-	-	-	-	-	-
Adda Berga	19,302	100.00	-	-	-	-	-	-	-	-	-	-
Walmara.....	17,073	100.00	-	-	-	-	-	-	-	-	-	-
Alem Gana	20,607	100.00	-	-	-	-	-	-	-	-	-	-
Kersana Kondaltiti	22,051	100.00	-	-	-	-	-	-	-	-	-	-
Tole	10,401	100.00	-	-	-	-	-	-	-	-	-	-
Elu.....	10,354	100.00	-	-	-	-	-	-	-	-	-	-
Dawo.....	13,053	99.89	-	-	-	-	-	-	15	0.11	-	-
Walisona Goro	35,633	100.00	-	-	-	-	-	-	-	-	-	-
Becho	11,294	100.00	-	-	-	-	-	-	-	-	-	-
Kokir.....	12,362	100.00	-	-	-	-	-	-	-	-	-	-
Meta Robi	23,639	100.00	-	-	-	-	-	-	-	-	-	-
North Shewa(Oromia) Zone	237,011	100.00	-	-	-	-	-	-	-	-	-	-
Wara Jarso.....	25,009	100.00	-	-	-	-	-	-	-	-	-	-
Dera.....	35,035	100.00	-	-	-	-	-	-	-	-	-	-
Hidabu Abote.....	15,884	100.00	-	-	-	-	-	-	-	-	-	-
Kuyu.....	20,090	100.00	-	-	-	-	-	-	-	-	-	-
Degem.....	17,936	100.00	-	-	-	-	-	-	-	-	-	-
Gerar Jarso	13,163	100.00	-	-	-	-	-	-	-	-	-	-
Yaya Gulelena Debre	16,566	100.00	-	-	-	-	-	-	-	-	-	-
Wuchalena Jido.....	22,017	100.00	-	-	-	-	-	-	-	-	-	-
Abichuna Gna'a.....	11,868	100.00	-	-	-	-	-	-	-	-	-	-
Kembibit	10,860	100.00	-	-	-	-	-	-	-	-	-	-
Berehna Aleltu	24,774	100.00	-	-	-	-	-	-	-	-	-	-
Mulona Sululta.....	23,810	100.00	-	-	-	-	-	-	-	-	-	-

Table 8.25B:- Number of Crop Holders that Owned Ox (Specifically for ploughing) by Geographic area. (Continued.)

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	%
East Harerge Zone.....												
Meta.....	23,442	53.55	16,431	37.54	3,796	8.67	57	0.13	49	0.11	-	-
Goro Gutu.....	12,798	49.76	9,142	35.55	3,743	14.55	-	-	35	0.14	-	-
Deder.....	22,559	58.95	11,663	30.48	3,894	10.18	149	0.39	-	-	-	-
Malka Balo.....	17,539	70.35	5,057	20.28	2,295	9.21	39	0.16	-	-	-	-
Bedeno.....	30,592	70.56	9,695	22.36	2,963	6.83	63	0.15	43	0.10	-	-
Girawa.....	29,303	75.36	7,906	20.33	1,236	3.18	403	1.04	38	0.10	-	-
Gola Oda.....	2,420	30.78	2,265	28.81	2,942	37.43	151	1.92	63	0.80	20	0.25
Bale Zone.....	104,384	40.29	48,299	18.64	82,534	31.86	9,888	3.82	12,046	4.65	1,907	0.74
Kokosa.....	22,135	94.70	741	3.17	407	1.74	92	0.39	-	-	-	-
Dodola.....	9,603	40.60	6,095	25.77	5,797	24.51	886	3.75	1,144	4.84	125	0.53
Adaba.....	6,126	30.85	3,958	19.93	6,718	33.83	1,498	7.54	1,138	5.73	418	2.11
Agarfa.....	2,696	20.51	2,172	16.52	6,250	47.54	709	5.39	1,173	8.92	146	1.11
Gasera.....	3,327	27.52	1,465	12.12	5,489	45.41	802	6.63	802	6.63	203	1.68
Gololcha.....	4,004	26.85	3,116	20.89	6,093	40.85	612	4.10	887	5.95	202	1.35
Legehida.....	2,616	32.32	2,545	31.44	2,710	33.48	129	1.59	83	1.03	11	0.14
Ginir.....	5,815	26.86	4,613	21.30	8,539	39.44	917	4.23	1,536	7.09	233	1.08
Sinanana Dinsho.....	4,819	19.29	3,474	13.90	11,529	46.14	1,906	7.63	2,916	11.67	344	1.38
Goba.....	1,680	23.39	1,260	17.54	3,204	44.61	439	6.11	516	7.18	84	1.17
Mennana Arena Buluk.....	8,956	46.65	4,617	24.05	5,191	27.04	221	1.15	213	1.11	-	-
Nensebo.....	12,549	88.57	761	5.37	762	5.38	50	0.35	47	0.33	-	-
Meda Welabu.....	4,828	38.45	2,898	23.08	4,607	36.69	120	0.96	89	0.71	15	0.12
Berbere.....	4,160	40.73	2,290	22.42	3,575	35.00	118	1.16	70	0.69	-	-
Guradamole.....	1,165	28.00	1,211	29.11	1,505	36.18	136	3.27	134	3.22	9	0.22
Goro.....	3,191	20.03	3,050	19.14	7,146	44.85	1,171	7.35	1,260	7.91	116	0.73
Raytu.....	3,366	54.57	1,795	29.10	927	15.03	61	0.99	19	0.31	-	-
Seweyna.....	3,349	43.43	2,238	29.02	2,085	27.04	21	0.27	18	0.23	-	-
Borena Zone.....	193,495	68.35	17,697	6.25	60,800	21.48	3,873	1.37	5,994	2.12	1,245	0.44
Uraga.....	35,131	82.42	2,316	5.43	4,394	10.31	267	0.63	453	1.06	62	0.15
Bore.....	16,225	53.31	3,832	12.59	9,317	30.61	401	1.32	561	1.84	97	0.32
Adolana Wadera.....	7,448	32.93	1,713	7.57	11,268	49.82	884	3.91	1,169	5.17	134	0.59
Odo Shakiso.....	10,132	72.29	536	3.82	2,978	21.25	150	1.07	115	0.82	104	0.74
Hager Mariam.....	74,685	86.73	1,561	1.81	7,651	8.88	1,108	1.29	789	0.92	322	0.37
Yabelo.....	5,762	57.16	1,097	10.88	2,474	24.54	146	1.45	518	5.14	84	0.83
Arero.....	2,114	63.46	365	10.96	671	20.14	7	0.21	162	4.86	12	0.36
Liben.....	6,522	43.94	1,346	9.07	6,381	42.99	37	0.25	507	3.42	51	0.34
Moyale.....	4,411	41.09	1,090	10.15	4,599	42.84	142	1.32	446	4.15	48	0.45
Dire.....	5,971	43.52	1,659	12.09	4,710	34.33	328	2.39	855	6.23	196	1.43
Teltele.....	2,648	35.97	1,444	19.62	2,752	37.39	191	2.59	231	3.14	95	1.29
Gelana Abaya.....	22,450	82.45	738	2.71	3,604	13.24	211	0.77	187	0.69	39	0.14

Table 8.26B:- Number of Crop Holders that Owned Ass (For threshing /transportation) by Geographic area.(Contin...)

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	%
East Harerge Zone												
Meta	32,858	75.06	9,697	22.15	1,181	2.70	39	0.09	-	-	-	-
Goro Gutu	20,171	78.43	5,087	19.78	460	1.79	-	-	-	-	-	-
Deder	28,312	73.99	9,156	23.93	797	2.08	-	-	-	-	-	-
Malka Balo	20,241	81.19	4,339	17.40	217	0.87	93	0.37	40	0.16	-	-
Bedeno	37,065	85.49	5,907	13.62	321	0.74	63	0.15	-	-	-	-
Girawa	35,217	90.56	3,159	8.12	472	1.21	38	0.10	-	-	-	-
Gola Oda	5,322	67.70	2,311	29.40	224	2.85	2	0.03	2	0.03	-	-
Bale Zone	171,298	66.12	69,022	26.64	15,550	6.00	2,605	1.01	351	0.14	232	0.09
Kokosa	23,250	99.47	98	0.42	27	0.12	-	-	-	-	-	-
Dodola	14,965	63.28	6,566	27.76	1,728	7.31	222	0.94	169	0.71	-	-
Adaba	11,028	55.54	6,768	34.09	1,583	7.97	398	2.00	33	0.17	46	0.23
Agarfa	5,027	38.24	5,707	43.41	2,071	15.75	294	2.24	12	0.09	35	0.27
Gasera	4,758	39.36	5,747	47.54	1,303	10.78	192	1.59	44	0.36	44	0.36
Gololcha	8,360	56.05	5,250	35.20	1,228	8.23	76	0.51	-	-	-	-
Legehida	6,932	85.64	1,083	13.38	56	0.69	23	0.28	-	-	-	-
Ginir	13,195	60.94	6,988	32.27	1,207	5.57	224	1.03	39	0.18	-	-
Sinanana Dinsho	11,469	45.90	9,342	37.39	3,501	14.01	569	2.28	-	-	107	0.43
Goba	3,473	48.35	2,675	37.24	740	10.30	241	3.36	54	0.75	-	-
Mennana Arena Buluk	14,238	74.16	4,800	25.00	124	0.65	36	0.19	-	-	-	-
Nensebo	13,462	95.01	659	4.65	48	0.34	-	-	-	-	-	-
Meda Welabu	11,781	93.82	614	4.89	162	1.29	-	-	-	-	-	-
Berbere	7,784	76.22	2,429	23.78	-	-	-	-	-	-	-	-
Guradamole	3,212	77.21	890	21.39	50	1.20	8	0.19	-	-	-	-
Goro	8,668	54.40	5,560	34.89	1,408	8.84	298	1.87	-	-	-	-
Raytu	4,431	71.84	1,530	24.81	201	3.26	6	0.10	-	-	-	-
Seweyna	5,261	68.23	2,317	30.05	114	1.48	19	0.25	-	-	-	-
Borena Zone	242,639	85.71	29,993	10.59	8,770	3.10	1,189	0.42	401	0.14	112	0.04
Uraga	41,946	98.41	517	1.21	160	0.38	-	-	-	-	-	-
Bore	29,199	95.95	788	2.59	446	1.47	-	-	-	-	-	-
Adolana Wadera	16,437	72.68	4,997	22.09	1,030	4.55	80	0.35	72	0.32	-	-
Odo Shakiso	9,565	68.25	3,386	24.16	895	6.39	95	0.68	20	0.14	54	0.39
Hager Mariam	72,001	83.61	9,575	11.12	3,746	4.35	590	0.69	204	0.24	-	-
Yabelo	9,335	92.60	454	4.50	212	2.10	80	0.79	-	-	-	-
Arero	2,989	89.73	246	7.39	55	1.65	13	0.39	28	0.84	-	-
Liben	11,193	75.40	2,834	19.09	684	4.61	108	0.73	25	0.17	-	-
Moyale	8,411	78.34	1,934	18.01	340	3.17	51	0.48	-	-	-	-
Dire	10,739	78.28	2,250	16.40	601	4.38	25	0.18	51	0.37	53	0.39
Teltele	5,837	79.30	986	13.39	424	5.76	108	1.47	-	-	6	0.08
Gelana Abaya	24,985	91.76	2,026	7.44	179	0.66	39	0.14	-	-	-	-

Table 8.27B:- Number of Crop Holders that Owned Camel (For threshing or transportation) by Geographic area.

Geographic area	Number of Crop holders that owned											
	No Camel		One Camel		Two Camels		Three Camels		Four Camels		Five and above Camels	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Oromia Region	3,970,253	99.71	8,129	0.20	2,259	0.06	617	0.02	261	0.01	185	0.00
West Welega Zone.....	313,923	100.00	-	-	-	-	-	-	-	-	-	-
Mana Sibu.....	27,022	100.00	-	-	-	-	-	-	-	-	-	-
Nejo.....	17,916	100.00	-	-	-	-	-	-	-	-	-	-
Gimbi.....	17,096	100.00	-	-	-	-	-	-	-	-	-	-
Lalo Asabi.....	10,906	100.00	-	-	-	-	-	-	-	-	-	-
Boji	15,188	100.00	-	-	-	-	-	-	-	-	-	-
Ayra Guliso.....	16,371	100.00	-	-	-	-	-	-	-	-	-	-
Jarso	16,190	100.00	-	-	-	-	-	-	-	-	-	-
Gidami	13,636	100.00	-	-	-	-	-	-	-	-	-	-
Jimma Horo	6,869	100.00	-	-	-	-	-	-	-	-	-	-
Hawa Welel	17,315	100.00	-	-	-	-	-	-	-	-	-	-
Gawo Dale	23,820	100.00	-	-	-	-	-	-	-	-	-	-
Dale Sadi.....	11,117	100.00	-	-	-	-	-	-	-	-	-	-
Yubdo	5,640	100.00	-	-	-	-	-	-	-	-	-	-
Ganji	9,611	100.00	-	-	-	-	-	-	-	-	-	-
Haru	11,508	100.00	-	-	-	-	-	-	-	-	-	-
Nole Kaba	23,388	100.00	-	-	-	-	-	-	-	-	-	-
Lalo Kilie.....	7,900	100.00	-	-	-	-	-	-	-	-	-	-
Sayo	19,844	100.00	-	-	-	-	-	-	-	-	-	-
Anfilo.....	11,848	100.00	-	-	-	-	-	-	-	-	-	-
Begi.....	30,734	100.00	-	-	-	-	-	-	-	-	-	-
East Welega Zone.....	260,885	100.00	8	0.00	-	-	-	-	-	-	-	-
Limu.....	20,690	100.00	-	-	-	-	-	-	-	-	-	-
Ibantu	5,087	100.00	-	-	-	-	-	-	-	-	-	-
Gida Kiremu	22,168	100.00	-	-	-	-	-	-	-	-	-	-
Jarte.....	7,363	100.00	-	-	-	-	-	-	-	-	-	-
Amuru.....	7,739	100.00	-	-	-	-	-	-	-	-	-	-
Abe Dongoro	9,470	100.00	-	-	-	-	-	-	-	-	-	-
Jimma Horo	24,023	100.00	-	-	-	-	-	-	-	-	-	-
Abay Chomen.....	4,707	99.83	8	0.17	-	-	-	-	-	-	-	-
Guduru	21,520	100.00	-	-	-	-	-	-	-	-	-	-
Jimma Rare.....	7,738	100.00	-	-	-	-	-	-	-	-	-	-
Bila Seyo.....	13,470	100.00	-	-	-	-	-	-	-	-	-	-
Sibu Sire	15,203	100.00	-	-	-	-	-	-	-	-	-	-
Guto Wayu.....	28,487	100.00	-	-	-	-	-	-	-	-	-	-
Sasiga.....	11,346	100.00	-	-	-	-	-	-	-	-	-	-
Leka Dulecha	10,555	100.00	-	-	-	-	-	-	-	-	-	-
Diga.....	11,868	100.00	-	-	-	-	-	-	-	-	-	-
Jimma Arjo	13,333	100.00	-	-	-	-	-	-	-	-	-	-
Nunu Kumba.....	10,438	100.00	-	-	-	-	-	-	-	-	-	-
Wama Bonaya.....	15,680	100.00	-	-	-	-	-	-	-	-	-	-
Illibabor Zone	195,287	100.00	-	-	-	-	-	-	-	-	-	-
Darimu	22,324	100.00	-	-	-	-	-	-	-	-	-	-
Supena Sodo	13,139	100.00	-	-	-	-	-	-	-	-	-	-
Chora.....	19,554	100.00	-	-	-	-	-	-	-	-	-	-
Dega	10,191	100.00	-	-	-	-	-	-	-	-	-	-
Bedele	20,513	100.00	-	-	-	-	-	-	-	-	-	-
Gechi.....	10,893	100.00	-	-	-	-	-	-	-	-	-	-
Borecha Wereda	9,030	100.00	-	-	-	-	-	-	-	-	-	-
Dedesa.....	14,033	100.00	-	-	-	-	-	-	-	-	-	-
yayu.....	19,201	100.00	-	-	-	-	-	-	-	-	-	-
Metu.....	22,651	100.00	-	-	-	-	-	-	-	-	-	-

Table 8.27B:-Number of Crop Holders that Owned Camel (For threshing/transportation) by Geographic area. (Contin...)

Geographic area	Number of Crop holders that owned											
	No Camel		One Camel		Two Camels		Three Camels		Four Camels		Five and above Camels	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Illibabor Zone												
Ale.....	17,356	100.00	-	-	-	-	-	-	-	-	-	-
Bure.....	11,992	100.00	-	-	-	-	-	-	-	-	-	-
Nono	4,411	100.00	-	-	-	-	-	-	-	-	-	-
Jimma Zone	443,315	100.00	-	-	-	-	-	-	-	-	-	-
Limu Seka	29,245	100.00	-	-	-	-	-	-	-	-	-	-
Limu Kosa	45,921	100.00	-	-	-	-	-	-	-	-	-	-
Sokoru.....	25,586	100.00	-	-	-	-	-	-	-	-	-	-
Tiro Afeta	24,135	100.00	-	-	-	-	-	-	-	-	-	-
Kersa	29,474	100.00	-	-	-	-	-	-	-	-	-	-
Mana	27,816	100.00	-	-	-	-	-	-	-	-	-	-
Goma.....	49,523	100.00	-	-	-	-	-	-	-	-	-	-
Gera.....	20,803	100.00	-	-	-	-	-	-	-	-	-	-
Seka chekorsa	56,422	100.00	-	-	-	-	-	-	-	-	-	-
Dedo.....	54,035	100.00	-	-	-	-	-	-	-	-	-	-
Omonada.....	45,972	100.00	-	-	-	-	-	-	-	-	-	-
Sigmo.....	16,132	100.00	-	-	-	-	-	-	-	-	-	-
Setema.....	18,249	100.00	-	-	-	-	-	-	-	-	-	-
West Shewa Zone	502,591	100.00	-	-	-	-	-	-	-	-	-	-
Ginde Beret.....	33,630	100.00	-	-	-	-	-	-	-	-	-	-
Jeldu	33,701	100.00	-	-	-	-	-	-	-	-	-	-
Ambo	40,122	100.00	-	-	-	-	-	-	-	-	-	-
Cheliya.....	37,011	100.00	-	-	-	-	-	-	-	-	-	-
Bako Tibe	19,389	100.00	-	-	-	-	-	-	-	-	-	-
Dano	15,544	100.00	-	-	-	-	-	-	-	-	-	-
Nono	23,140	100.00	-	-	-	-	-	-	-	-	-	-
Tikur	12,596	100.00	-	-	-	-	-	-	-	-	-	-
Amaya.....	21,943	100.00	-	-	-	-	-	-	-	-	-	-
Wonchi.....	17,405	100.00	-	-	-	-	-	-	-	-	-	-
Dendi.....	37,106	100.00	-	-	-	-	-	-	-	-	-	-
Ejerie.....	15,219	100.00	-	-	-	-	-	-	-	-	-	-
Adda Berga	19,302	100.00	-	-	-	-	-	-	-	-	-	-
Walmara.....	17,073	100.00	-	-	-	-	-	-	-	-	-	-
Alem Gana.....	20,607	100.00	-	-	-	-	-	-	-	-	-	-
Kersana Kondaliti.....	22,051	100.00	-	-	-	-	-	-	-	-	-	-
Tole	10,401	100.00	-	-	-	-	-	-	-	-	-	-
Elu	10,354	100.00	-	-	-	-	-	-	-	-	-	-
Dawo.....	13,068	100.00	-	-	-	-	-	-	-	-	-	-
Walisona Goro.....	35,633	100.00	-	-	-	-	-	-	-	-	-	-
Becho	11,294	100.00	-	-	-	-	-	-	-	-	-	-
Kokir	12,362	100.00	-	-	-	-	-	-	-	-	-	-
Meta Robi	23,639	100.00	-	-	-	-	-	-	-	-	-	-
North Shewa(Oromia) Zone	237,011	100.00	-	-	-	-	-	-	-	-	-	-
Wara Jarso	25,009	100.00	-	-	-	-	-	-	-	-	-	-
Dera.....	35,035	100.00	-	-	-	-	-	-	-	-	-	-
Hidabu Abote.....	15,884	100.00	-	-	-	-	-	-	-	-	-	-
Kuyu	20,090	100.00	-	-	-	-	-	-	-	-	-	-
Degem.....	17,936	100.00	-	-	-	-	-	-	-	-	-	-
Gerar Jarso	13,163	100.00	-	-	-	-	-	-	-	-	-	-
Yaya Gulelena Debre	16,566	100.00	-	-	-	-	-	-	-	-	-	-
Wuchalena Jido.....	22,017	100.00	-	-	-	-	-	-	-	-	-	-
Abichuna Gna'a	11,868	100.00	-	-	-	-	-	-	-	-	-	-
Kembibit	10,860	100.00	-	-	-	-	-	-	-	-	-	-
Berehna Aleltu	24,774	100.00	-	-	-	-	-	-	-	-	-	-
Mulona Sululta	23,810	100.00	-	-	-	-	-	-	-	-	-	-

Table 8.27B:- Number of Crop Holders that Owned Camel (For threshing/ transportation) by Geographic area.(Contin.)

Geographic area	Number of Crop holders that owned											
	No Camel		One Camel		Two Camels		Three Camels		Four Camels		Five and above Camels	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
East Shewa Zone	313,532	99.54	789	0.25	483	0.15	119	0.04	43	0.01	-	-
Fentale.....	5,917	88.62	279	4.18	352	5.27	86	1.29	43	0.64	-	-
Boset	24,197	97.42	474	1.91	132	0.53	34	0.14	-	-	-	-
Adama.....	26,870	99.87	36	0.13	-	-	-	-	-	-	-	-
Lome.....	14,564	100.00	-	-	-	-	-	-	-	-	-	-
Gimbichu	15,569	100.00	-	-	-	-	-	-	-	-	-	-
Ada'a Liben Chukala	40,176	100.00	-	-	-	-	-	-	-	-	-	-
Dugda Bora	28,844	100.00	-	-	-	-	-	-	-	-	-	-
Adami Tullu Jido	23,794	100.00	-	-	-	-	-	-	-	-	-	-
Arsi Negele	26,584	100.00	-	-	-	-	-	-	-	-	-	-
Shashemene	46,108	100.00	-	-	-	-	-	-	-	-	-	-
Seraro.....	48,209	100.00	-	-	-	-	-	-	-	-	-	-
Akaki.....	12,696	100.00	-	-	-	-	-	-	-	-	-	-
Arsi Zone	492,883	99.97	61	0.01	-	-	-	-	-	-	63	0.01
Merti	22,687	99.72	-	-	-	-	-	-	-	-	63	0.28
Aseko.....	14,396	100.00	-	-	-	-	-	-	-	-	-	-
Gololcha.....	29,178	100.00	-	-	-	-	-	-	-	-	-	-
Jeju.....	22,156	99.73	61	0.27	-	-	-	-	-	-	-	-
Dodotana Sire	22,887	100.00	-	-	-	-	-	-	-	-	-	-
Zeway Dugda.....	21,200	100.00	-	-	-	-	-	-	-	-	-	-
Hitosa.....	39,229	100.00	-	-	-	-	-	-	-	-	-	-
Sude	25,501	100.00	-	-	-	-	-	-	-	-	-	-
Chole.....	15,918	100.00	-	-	-	-	-	-	-	-	-	-
Amigna	11,176	100.00	-	-	-	-	-	-	-	-	-	-
Seru.....	18,205	100.00	-	-	-	-	-	-	-	-	-	-
Robe.....	27,062	100.00	-	-	-	-	-	-	-	-	-	-
Tena	20,684	100.00	-	-	-	-	-	-	-	-	-	-
Sherka	26,405	100.00	-	-	-	-	-	-	-	-	-	-
Digeluna Tijo.....	22,181	100.00	-	-	-	-	-	-	-	-	-	-
Tiyo.....	15,978	100.00	-	-	-	-	-	-	-	-	-	-
Munesa.....	35,171	100.00	-	-	-	-	-	-	-	-	-	-
Bekoji.....	35,995	100.00	-	-	-	-	-	-	-	-	-	-
Gedeb.....	24,847	100.00	-	-	-	-	-	-	-	-	-	-
Kofele	42,028	100.00	-	-	-	-	-	-	-	-	-	-
West Harerge Zone	289,574	99.39	930	0.32	439	0.15	195	0.07	161	0.06	57	0.02
Mieso.....	15,460	94.27	509	3.10	185	1.13	147	0.90	99	0.60	-	-
Doba.....	22,768	100.00	-	-	-	-	-	-	-	-	-	-
Tulo.....	24,329	100.00	-	-	-	-	-	-	-	-	-	-
Mesela.....	25,840	100.00	-	-	-	-	-	-	-	-	-	-
Chiro	62,228	99.78	70	0.11	70	0.11	-	-	-	-	-	-
Goba Koricha.....	19,664	98.25	167	0.83	140	0.70	15	0.07	28	0.14	-	-
Anchar	13,389	99.69	28	0.21	-	-	-	-	-	-	13	0.10
Habro	30,338	99.84	48	0.16	-	-	-	-	-	-	-	-
Darolebu	26,978	100.00	-	-	-	-	-	-	-	-	-	-
Boke.....	21,883	98.82	107	0.48	44	0.20	33	0.15	33	0.15	44	0.20
Kuni	26,701	100.00	-	-	-	-	-	-	-	-	-	-
East Harerge Zone	386,488	99.82	381	0.10	263	0.07	61	0.02	-	-	-	-
Kombolcha.....	20,710	100.00	-	-	-	-	-	-	-	-	-	-
Jarso	16,879	98.99	109	0.64	42	0.25	22	0.13	-	-	-	-
Gursum	25,271	98.84	206	0.81	90	0.35	-	-	-	-	-	-
Babile.....	10,194	99.58	43	0.42	-	-	-	-	-	-	-	-
Fedis.....	24,529	99.85	-	-	36	0.15	-	-	-	-	-	-
Haro Maya.....	31,404	100.00	-	-	-	-	-	-	-	-	-	-
Kurfa Chele.....	7,122	100.00	-	-	-	-	-	-	-	-	-	-
Kersa	27,745	100.00	-	-	-	-	-	-	-	-	-	-

Table 8.27B:-Number of Crop Holders that Owned Camel (For threshing / transportation) by Geographic area.(Contin..)

[illegible]

Table 8.28B:- Number of Crop Holders that Owned Cattle (For threshing/transportation) by Geographic area. (Contin...)

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	%
East Harerge Zone												
Meta	23,019	52.58	16,305	37.25	4,239	9.68	163	0.37	49	0.11	-	-
Goro Gutu	12,670	49.27	9,202	35.78	3,688	14.34	93	0.36	35	0.14	30	0.12
Deder	22,342	58.39	11,539	30.16	3,996	10.44	388	1.01	-	-	-	-
Malka Balo	16,788	67.34	5,045	20.24	2,685	10.77	238	0.95	100	0.40	74	0.30
Bedeno	28,722	66.25	10,018	23.11	4,253	9.81	320	0.74	43	0.10	-	-
Girawa	28,642	73.66	8,051	20.70	1,715	4.41	403	1.04	75	0.19	-	-
Gola Oda	2,435	30.98	2,258	28.72	2,934	37.32	151	1.92	63	0.80	20	0.25
Bale Zone	102,671	39.63	43,517	16.80	68,868	26.58	15,903	6.14	16,089	6.21	12,010	4.64
Kokosa	22,246	95.17	705	3.02	332	1.42	92	0.39	-	-	-	-
Dodola	8,821	37.30	5,306	22.44	5,191	21.95	1,354	5.73	1,829	7.73	1,149	4.86
Adaba	5,657	28.49	3,632	18.29	5,762	29.02	1,704	8.58	1,653	8.32	1,448	7.29
Agarfa	2,477	18.84	1,902	14.47	4,368	33.23	1,364	10.38	1,284	9.77	1,751	13.32
Gasera	3,114	25.76	1,259	10.42	4,038	33.41	1,143	9.46	1,199	9.92	1,335	11.04
Gololcha	3,792	25.43	2,670	17.90	4,541	30.45	1,305	8.75	1,166	7.82	1,440	9.66
Legehida	3,633	44.89	1,746	21.57	1,629	20.13	493	6.09	340	4.20	253	3.13
Ginir	5,278	24.38	4,381	20.23	7,412	34.23	1,611	7.44	1,840	8.50	1,131	5.22
Sinanana Dinsho	4,662	18.66	3,069	12.28	9,749	39.01	2,578	10.32	3,088	12.36	1,842	7.37
Goba	1,615	22.48	1,248	17.37	2,880	40.09	648	9.02	557	7.75	235	3.27
Mennana Arena Buluk	8,910	46.41	4,103	21.37	4,798	24.99	592	3.08	576	3.00	219	1.14
Nensebo	12,551	88.58	573	4.04	609	4.30	199	1.40	123	0.87	114	0.80
Meda Welabu	4,750	37.83	2,865	22.82	4,372	34.82	235	1.87	250	1.99	85	0.68
Berbere	3,971	38.88	2,152	21.07	3,425	33.54	443	4.34	161	1.58	61	0.60
Guradamole	1,094	26.30	1,094	26.30	1,325	31.85	342	8.22	192	4.62	113	2.72
Goro	3,063	19.22	2,890	18.14	5,961	37.41	1,488	9.34	1,719	10.79	813	5.10
Raytu	3,378	54.77	1,780	28.86	929	15.06	55	0.89	19	0.31	7	0.11
Seweyna	3,656	47.41	2,141	27.77	1,546	20.05	257	3.33	95	1.23	16	0.21
Borena Zone	198,469	70.10	16,242	5.74	50,093	17.69	4,998	1.77	7,470	2.64	5,832	2.06
Uraga	36,477	85.58	1,819	4.27	3,735	8.76	267	0.63	325	0.76	-	-
Bore	18,619	61.18	2,605	8.56	7,259	23.85	253	0.83	768	2.52	929	3.05
Adolana Wadera	7,563	33.44	1,537	6.80	9,066	40.09	1,562	6.91	1,615	7.14	1,273	5.63
Odo Shakiso	10,117	72.19	670	4.78	2,161	15.42	438	3.13	98	0.70	531	3.79
Hager Mariam	74,908	86.98	1,899	2.21	6,157	7.15	667	0.77	910	1.06	1,575	1.83
Yabelo	5,759	57.13	1,064	10.55	2,345	23.26	177	1.76	629	6.24	107	1.06
Arero	2,196	65.93	348	10.45	622	18.67	7	0.21	146	4.38	12	0.36
Liben	6,489	43.71	1,347	9.07	5,373	36.20	267	1.80	744	5.01	624	4.20
Moyale	5,254	48.94	1,106	10.30	3,339	31.10	214	1.99	738	6.87	85	0.79
Dire	5,976	43.56	1,696	12.36	4,312	31.43	424	3.09	883	6.44	428	3.12
Teltele	2,655	36.07	1,387	18.84	2,588	35.16	251	3.41	252	3.42	228	3.10
Gelana Abaya	22,455	82.47	765	2.81	3,136	11.52	471	1.73	363	1.33	39	0.14

Table 8.29B:- Number of Crop Holders that Owned Horse (For threshing/transportation) by Geographic area. (Contin...)

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	%
East Harerge Zone												
Meta	43,390	99.12	329	0.75	56	0.13	-	-	-	-	-	-
Goro Gutu	25,569	99.42	149	0.58	-	-	-	-	-	-	-	-
Deder	36,920	96.49	1,345	3.51	-	-	-	-	-	-	-	-
Malka Balo	24,445	98.05	442	1.77	43	0.17	-	-	-	-	-	-
Bedeno	43,356	100.00	-	-	-	-	-	-	-	-	-	-
Girawa	38,790	99.75	96	0.25	-	-	-	-	-	-	-	-
Gola Oda	7,861	100.00	-	-	-	-	-	-	-	-	-	-
Bale Zone	221,794	85.62	25,112	9.69	8,621	3.33	2,695	1.04	692	0.27	144	0.06
Kokosa	17,701	75.73	4,205	17.99	1,191	5.10	224	0.96	28	0.12	26	0.11
Dodola	13,843	58.53	6,043	25.55	2,993	12.66	518	2.19	199	0.84	54	0.23
Adaba	15,220	76.65	2,982	15.02	1,143	5.76	421	2.12	44	0.22	46	0.23
Agarfa	11,431	86.95	1,376	10.47	279	2.12	45	0.34	15	0.11	-	-
Gasera	10,873	89.95	1,201	9.94	14	0.12	-	-	-	-	-	-
Gololcha	14,681	98.44	218	1.46	15	0.10	-	-	-	-	-	-
Legehida	8,069	99.69	25	0.31	-	-	-	-	-	-	-	-
Ginir	21,521	99.39	132	0.61	-	-	-	-	-	-	-	-
Sinanana Dinsho	19,759	79.07	3,184	12.74	1,159	4.64	756	3.03	130	0.52	-	-
Goba	3,673	51.13	2,108	29.35	893	12.43	338	4.71	153	2.13	18	0.25
Mennana Arena Buluk	18,465	96.18	681	3.55	52	0.27	-	-	-	-	-	-
Nensebo	10,314	72.79	2,456	17.33	884	6.24	392	2.77	123	0.87	-	-
Meda Welabu	12,541	99.87	16	0.13	-	-	-	-	-	-	-	-
Berbere	10,107	98.96	106	1.04	-	-	-	-	-	-	-	-
Guradamole	4,014	96.49	146	3.51	-	-	-	-	-	-	-	-
Goro	15,720	98.66	214	1.34	-	-	-	-	-	-	-	-
Raytu	6,158	99.84	10	0.16	-	-	-	-	-	-	-	-
Seweyna	7,701	99.87	10	0.13	-	-	-	-	-	-	-	-
Borena Zone	237,865	84.02	31,013	10.95	11,016	3.89	2,091	0.74	783	0.28	336	0.12
Uruga	22,829	53.56	13,744	32.25	4,709	11.05	961	2.25	267	0.63	113	0.27
Bore	17,723	58.24	6,572	21.59	4,427	14.55	996	3.27	516	1.70	199	0.65
Adolana Wadera	22,398	99.04	171	0.76	47	0.21	-	-	-	-	-	-
Odo Shakiso	13,113	93.56	785	5.60	97	0.69	20	0.14	-	-	-	-
Hager Mariam	74,923	87.00	9,383	10.90	1,696	1.97	114	0.13	-	-	-	-
Yabelo	10,035	99.54	46	0.46	-	-	-	-	-	-	-	-
Arero	3,325	99.82	6	0.18	-	-	-	-	-	-	-	-
Liben	14,844	100.00	-	-	-	-	-	-	-	-	-	-
Moyale	10,736	100.00	-	-	-	-	-	-	-	-	-	-
Dire	13,552	98.78	144	1.05	-	-	-	-	-	-	23	0.17
Teltele	7,361	100.00	-	-	-	-	-	-	-	-	-	-
Gelana Abaya	27,028	99.26	161	0.59	40	0.15	-	-	-	-	-	-

Table 8.30B:- Number of Crop Holders that Owned Mule (For threshing / transportation) by Geographic area.

Geographic area	Number of Crop holders that owned											
	No Mule		One Mule		Two Mules		Three Mules		Four Mules		Five and above Mules	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Oromia Region	3,892,779	97.77	86,228	2.17	2,456	0.06	109	0.00	103	0.00	29	0.00
West Welega Zone.....	306,995	97.79	6,748	2.15	163	0.05	-	-	17	0.01	-	-
Mana Sibu.....	26,637	98.58	385	1.42	-	-	-	-	-	-	-	-
Nejo.....	17,739	99.01	177	0.99	-	-	-	-	-	-	-	-
Gimbi.....	16,962	99.22	134	0.78	-	-	-	-	-	-	-	-
Lalo Asabi.....	10,830	99.30	76	0.70	-	-	-	-	-	-	-	-
Boji	14,951	98.44	216	1.42	21	0.14	-	-	-	-	-	-
Ayra Guliso.....	16,200	98.96	171	1.04	-	-	-	-	-	-	-	-
Jarso	15,900	98.21	290	1.79	-	-	-	-	-	-	-	-
Gidami	12,904	94.63	702	5.15	30	0.22	-	-	-	-	-	-
Jimma Horo	6,512	94.80	357	5.20	-	-	-	-	-	-	-	-
Hawa Welel	16,573	95.71	722	4.17	20	0.12	-	-	-	-	-	-
Gawo Dale	23,223	97.49	597	2.51	-	-	-	-	-	-	-	-
Dale Sadi.....	10,954	98.53	163	1.47	-	-	-	-	-	-	-	-
Yubdo	5,594	99.18	46	0.82	-	-	-	-	-	-	-	-
Ganji	9,418	97.99	193	2.01	-	-	-	-	-	-	-	-
Haru	11,436	99.37	72	0.63	-	-	-	-	-	-	-	-
Nole Kaba.....	22,969	98.21	386	1.65	33	0.14	-	-	-	-	-	-
Lalo Kilie.....	7,880	99.75	20	0.25	-	-	-	-	-	-	-	-
Sayo	19,128	96.39	692	3.49	24	0.12	-	-	-	-	-	-
Anfilo.....	11,114	93.80	682	5.76	35	0.30	-	-	17	0.14	-	-
Begi.....	30,065	97.82	669	2.18	-	-	-	-	-	-	-	-
East Welega Zone.....	254,827	97.67	5,914	2.27	135	0.05	-	-	17	0.01	-	-
Limu.....	20,157	97.42	533	2.58	-	-	-	-	-	-	-	-
Ibantu	4,984	97.98	103	2.02	-	-	-	-	-	-	-	-
Gida Kiremu	21,838	98.51	330	1.49	-	-	-	-	-	-	-	-
Jarte.....	6,953	94.43	410	5.57	-	-	-	-	-	-	-	-
Amuru	7,595	98.14	144	1.86	-	-	-	-	-	-	-	-
Abe Dongoro	9,360	98.84	110	1.16	-	-	-	-	-	-	-	-
Jimma Horo	23,102	96.17	889	3.70	32	0.13	-	-	-	-	-	-
Abay Chomen.....	4,635	98.30	80	1.70	-	-	-	-	-	-	-	-
Guduru.....	20,886	97.05	634	2.95	-	-	-	-	-	-	-	-
Jimma Rare.....	7,653	98.90	53	0.68	32	0.41	-	-	-	-	-	-
Bila Seyo.....	12,880	95.62	554	4.11	19	0.14	-	-	17	0.13	-	-
Sibu Sire	14,922	98.15	281	1.85	-	-	-	-	-	-	-	-
Guto Wayu.....	28,098	98.63	350	1.23	39	0.14	-	-	-	-	-	-
Sasiga.....	11,320	99.77	13	0.11	13	0.11	-	-	-	-	-	-
Leka Dulecha.....	10,462	99.12	93	0.88	-	-	-	-	-	-	-	-
Diga.....	11,842	99.78	26	0.22	-	-	-	-	-	-	-	-
Jimma Arjo	13,243	99.32	90	0.68	-	-	-	-	-	-	-	-
Nunu Kumba.....	10,086	96.63	352	3.37	-	-	-	-	-	-	-	-
Wama Bonaya.....	14,812	94.46	868	5.54	-	-	-	-	-	-	-	-
Illibabor Zone	190,492	97.54	4,521	2.32	222	0.11	52	0.03	-	-	-	-
Darimu	22,198	99.44	126	0.56	-	-	-	-	-	-	-	-
Supena Sodo	12,706	96.70	402	3.06	15	0.11	16	0.12	-	-	-	-
Chora.....	18,883	96.57	671	3.43	-	-	-	-	-	-	-	-
Dega	9,674	94.93	444	4.36	61	0.60	12	0.12	-	-	-	-
Bedele	19,925	97.13	561	2.73	27	0.13	-	-	-	-	-	-
Gechi	10,562	96.96	318	2.92	13	0.12	-	-	-	-	-	-
Borecha Wereda	8,737	96.76	282	3.12	11	0.12	-	-	-	-	-	-
Dedesa.....	13,276	94.61	692	4.93	41	0.29	24	0.17	-	-	-	-
yayu.....	18,680	97.29	467	2.43	54	0.28	-	-	-	-	-	-
Metu.....	22,339	98.62	312	1.38	-	-	-	-	-	-	-	-

Table 8.30B:- Number of Crop Holders that Owned Mule (For threshing /transportation) by Geographic area. (Contin...)

Geographic area	Number of Crop holders that owned											
	No Mule		One Mule		Two Mules		Three Mules		Four Mules		Five and above Mules	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Illibabor Zone												
Ale.....	17,222	99.23	134	0.77	-	-	-	-	-	-	-	-
Bure.....	11,923	99.42	69	0.58	-	-	-	-	-	-	-	-
Nono.....	4,368	99.03	43	0.97	-	-	-	-	-	-	-	-
Jimma Zone	421,484	95.08	21,326	4.81	465	0.10	17	0.00	23	0.01	-	-
Limu Seka	28,196	96.41	1,049	3.59	-	-	-	-	-	-	-	-
Limu Kosa	43,391	94.49	2,530	5.51	-	-	-	-	-	-	-	-
Sokoru.....	25,055	97.92	531	2.08	-	-	-	-	-	-	-	-
Tiro Afeta.....	22,393	92.78	1,677	6.95	65	0.27	-	-	-	-	-	-
Kersa	27,077	91.87	2,357	8.00	40	0.14	-	-	-	-	-	-
Mana	26,616	95.69	1,164	4.18	36	0.13	-	-	-	-	-	-
Goma.....	47,636	96.19	1,887	3.81	-	-	-	-	-	-	-	-
Gera.....	20,085	96.55	700	3.36	18	0.09	-	-	-	-	-	-
Seka chekorsa	55,047	97.56	1,307	2.32	68	0.12	-	-	-	-	-	-
Dedo.....	51,413	95.15	2,622	4.85	-	-	-	-	-	-	-	-
Omonada.....	41,160	89.53	4,644	10.10	168	0.37	-	-	-	-	-	-
Sigmo.....	15,924	98.71	208	1.29	-	-	-	-	-	-	-	-
Setema.....	17,488	95.83	650	3.56	71	0.39	17	0.09	23	0.13	-	-
West Shewa Zone	493,749	98.24	8,687	1.73	155	0.03	-	-	-	-	-	-
Ginde Beret.....	33,160	98.60	470	1.40	-	-	-	-	-	-	-	-
Jeldu	33,476	99.33	225	0.67	-	-	-	-	-	-	-	-
Ambo	39,980	99.65	142	0.35	-	-	-	-	-	-	-	-
Cheliya.....	35,603	96.20	1,323	3.57	85	0.23	-	-	-	-	-	-
Bako Tibe.....	19,091	98.46	274	1.41	24	0.12	-	-	-	-	-	-
Dano	14,953	96.20	591	3.80	-	-	-	-	-	-	-	-
Nono.....	22,658	97.92	482	2.08	-	-	-	-	-	-	-	-
Tikur.....	12,551	99.64	45	0.36	-	-	-	-	-	-	-	-
Amaya.....	21,290	97.02	653	2.98	-	-	-	-	-	-	-	-
Wonchi.....	17,062	98.03	343	1.97	-	-	-	-	-	-	-	-
Dendi.....	36,949	99.58	157	0.42	-	-	-	-	-	-	-	-
Ejerie.....	15,054	98.92	165	1.08	-	-	-	-	-	-	-	-
Adda Berga	19,048	98.68	254	1.32	-	-	-	-	-	-	-	-
Walmara.....	17,009	99.63	64	0.37	-	-	-	-	-	-	-	-
Alem Gana	20,182	97.94	425	2.06	-	-	-	-	-	-	-	-
Kersana Kondaltiti	20,960	95.05	1,091	4.95	-	-	-	-	-	-	-	-
Tole.....	9,381	90.19	1,020	9.81	-	-	-	-	-	-	-	-
Elu.....	10,250	99.00	104	1.00	-	-	-	-	-	-	-	-
Dawo	12,750	97.57	318	2.43	-	-	-	-	-	-	-	-
Walisona Goro	35,409	99.37	178	0.50	46	0.13	-	-	-	-	-	-
Becho	11,130	98.55	164	1.45	-	-	-	-	-	-	-	-
Kokir	12,332	99.76	30	0.24	-	-	-	-	-	-	-	-
Meta Robi	23,468	99.28	171	0.72	-	-	-	-	-	-	-	-
North Shewa(Oromia) Zone.....	235,095	99.19	1,817	0.77	99	0.04	-	-	-	-	-	-
Wara Jarso	24,940	99.72	69	0.28	-	-	-	-	-	-	-	-
Dera.....	34,591	98.73	444	1.27	-	-	-	-	-	-	-	-
Hidabu Abote.....	15,713	98.92	171	1.08	-	-	-	-	-	-	-	-
Kuyu.....	20,090	100.00	-	-	-	-	-	-	-	-	-	-
Degem.....	17,862	99.59	74	0.41	-	-	-	-	-	-	-	-
Gerar Jarso	13,057	99.19	106	0.81	-	-	-	-	-	-	-	-
Yaya Gulelena Debre	16,347	98.68	219	1.32	-	-	-	-	-	-	-	-
Wuchalena Jido.....	21,702	98.57	287	1.30	28	0.13	-	-	-	-	-	-
Abichuna Gna'a.....	11,836	99.73	32	0.27	-	-	-	-	-	-	-	-
Kembibit	10,783	99.29	77	0.71	-	-	-	-	-	-	-	-
Berehna Aleltu	24,530	99.02	210	0.85	34	0.14	-	-	-	-	-	-
Mulona Sululta	23,643	99.30	129	0.54	38	0.16	-	-	-	-	-	-

Table 8.30B:- Number of Crop Holders that Owned Mule (For threshing /transportation) by Geographic area. (Contin...)

Geographic area	Number of Crop holders that owned											
	No Mule		One Mule		Two Mules		Three Mules		Four Mules		Five and above Mules	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
East Shewa Zone	310,476	98.57	4,418	1.40	72	0.02	-	-	-	-	-	-
Fentale.....	6,677	100.00	-	-	-	-	-	-	-	-	-	-
Boset	24,248	97.63	589	2.37	-	-	-	-	-	-	-	-
Adama.....	26,467	98.37	439	1.63	-	-	-	-	-	-	-	-
Lome.....	14,276	98.02	288	1.98	-	-	-	-	-	-	-	-
Gimbichu	15,293	98.23	276	1.77	-	-	-	-	-	-	-	-
Ada'a Liben Chukala	38,639	96.17	1,537	3.83	-	-	-	-	-	-	-	-
Dugda Bora.....	28,606	99.17	238	0.83	-	-	-	-	-	-	-	-
Adami Tullu Jido	23,685	99.54	109	0.46	-	-	-	-	-	-	-	-
Arsi Negele.....	26,319	99.00	222	0.84	43	0.16	-	-	-	-	-	-
Shashemene	46,059	99.89	49	0.11	-	-	-	-	-	-	-	-
Seraro.....	48,153	99.88	56	0.12	-	-	-	-	-	-	-	-
Akaki.....	12,052	94.93	616	4.85	28	0.22	-	-	-	-	-	-
Arsi Zone	478,428	97.04	13,984	2.84	553	0.11	21	0.00	21	0.00	-	-
Merti	21,533	94.65	1,133	4.98	42	0.18	21	0.09	21	0.09	-	-
Aseko.....	13,367	92.85	898	6.24	131	0.91	-	-	-	-	-	-
Gololcha.....	26,641	91.31	2,341	8.02	196	0.67	-	-	-	-	-	-
Jeju.....	21,781	98.04	436	1.96	-	-	-	-	-	-	-	-
Dodotana Sire	22,757	99.43	130	0.57	-	-	-	-	-	-	-	-
Zeway Dugda.....	20,790	98.07	410	1.93	-	-	-	-	-	-	-	-
Hitosa.....	38,987	99.38	242	0.62	-	-	-	-	-	-	-	-
Sude.....	24,381	95.61	1,120	4.39	-	-	-	-	-	-	-	-
Chole.....	14,225	89.36	1,536	9.65	157	0.99	-	-	-	-	-	-
Amigna	10,734	96.05	442	3.95	-	-	-	-	-	-	-	-
Seru.....	17,807	97.81	398	2.19	-	-	-	-	-	-	-	-
Robe.....	26,686	98.61	376	1.39	-	-	-	-	-	-	-	-
Tena	20,365	98.46	319	1.54	-	-	-	-	-	-	-	-
Sherka	24,504	92.80	1,901	7.20	-	-	-	-	-	-	-	-
Digeluna Tijo.....	21,939	98.91	215	0.97	27	0.12	-	-	-	-	-	-
Tiyo.....	15,938	99.75	40	0.25	-	-	-	-	-	-	-	-
Munesa.....	34,572	98.30	599	1.70	-	-	-	-	-	-	-	-
Bekoji.....	35,303	98.08	692	1.92	-	-	-	-	-	-	-	-
Gedeb.....	24,539	98.76	308	1.24	-	-	-	-	-	-	-	-
Kofele	41,579	98.93	449	1.07	-	-	-	-	-	-	-	-
West Harerge Zone	289,797	99.46	1,511	0.52	23	0.01	-	-	25	0.01	-	-
Mieso	16,377	99.86	-	-	23	0.14	-	-	-	-	-	-
Doba.....	22,683	99.63	60	0.26	-	-	-	-	25	0.11	-	-
Tulo.....	24,329	100.00	-	-	-	-	-	-	-	-	-	-
Mesela.....	25,617	99.14	223	0.86	-	-	-	-	-	-	-	-
Chiro	62,202	99.73	166	0.27	-	-	-	-	-	-	-	-
Goba Koricha.....	19,698	98.42	316	1.58	-	-	-	-	-	-	-	-
Anchar.....	13,244	98.62	186	1.38	-	-	-	-	-	-	-	-
Habro	30,298	99.71	88	0.29	-	-	-	-	-	-	-	-
Darolebu	26,709	99.00	269	1.00	-	-	-	-	-	-	-	-
Boke.....	22,063	99.63	81	0.37	-	-	-	-	-	-	-	-
Kuni	26,579	99.54	122	0.46	-	-	-	-	-	-	-	-
East Harerge Zone	386,537	99.83	604	0.16	52	0.01	-	-	-	-	-	-
Kombolcha.....	20,688	99.89	22	0.11	-	-	-	-	-	-	-	-
Jarso	17,038	99.92	14	0.08	-	-	-	-	-	-	-	-
Gursum	25,567	100.00	-	-	-	-	-	-	-	-	-	-
Babile.....	10,237	100.00	-	-	-	-	-	-	-	-	-	-
Fedis.....	24,565	100.00	-	-	-	-	-	-	-	-	-	-
Haro Maya	31,404	100.00	-	-	-	-	-	-	-	-	-	-
Kurfa Chele.....	7,122	100.00	-	-	-	-	-	-	-	-	-	-
Kersa	27,701	99.84	44	0.16	-	-	-	-	-	-	-	-

Table 8.30B:- Number of Crop Holders that Owned Mule (For threshing /transportation) by Geographic area. (Contin...)

Geographic area	Number of Crop holders that owned											
	No Mule		One Mule		Two Mules		Three Mules		Four Mules		Five and above Mules	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
East Harerge Zone												
Meta	43,663	99.74	112	0.26	-	-	-	-	-	-	-	-
Goro Gutu	25,683	99.86	35	0.14	-	-	-	-	-	-	-	-
Deder	37,926	99.11	287	0.75	52	0.14	-	-	-	-	-	-
Malka Balo	24,839	99.63	91	0.37	-	-	-	-	-	-	-	-
Bedeno	43,356	100.00	-	-	-	-	-	-	-	-	-	-
Girawa	38,886	100.00	-	-	-	-	-	-	-	-	-	-
Gola Oda	7,861	100.00	-	-	-	-	-	-	-	-	-	-
Bale Zone	249,095	96.15	9,670	3.73	284	0.11	-	-	-	-	9	0.00
Kokosa	23,348	99.88	27	0.12	-	-	-	-	-	-	-	-
Dodola	23,492	99.33	158	0.67	-	-	-	-	-	-	-	-
Adaba	19,595	98.69	261	1.31	-	-	-	-	-	-	-	-
Agarfa	12,331	93.80	815	6.20	-	-	-	-	-	-	-	-
Gasera	11,500	95.14	555	4.59	33	0.27	-	-	-	-	-	-
Gololcha	14,520	97.36	394	2.64	-	-	-	-	-	-	-	-
Leghida	7,857	97.07	224	2.77	13	0.16	-	-	-	-	-	-
Ginir	21,125	97.56	515	2.38	13	0.06	-	-	-	-	-	-
Sinanana Dinsho	23,333	93.38	1,655	6.62	-	-	-	-	-	-	-	-
Goba	6,505	90.56	535	7.45	134	1.87	-	-	-	-	9	0.13
Mennana Arena Buluk	18,606	96.92	592	3.08	-	-	-	-	-	-	-	-
Nensebo	13,881	97.97	288	2.03	-	-	-	-	-	-	-	-
Meda Welabu	12,340	98.27	184	1.47	33	0.26	-	-	-	-	-	-
Berbere	8,927	87.41	1,228	12.02	58	0.57	-	-	-	-	-	-
Guradamole	3,865	92.91	295	7.09	-	-	-	-	-	-	-	-
Goro	14,093	88.45	1,841	11.55	-	-	-	-	-	-	-	-
Raytu	6,130	99.38	38	0.62	-	-	-	-	-	-	-	-
Seweyna	7,646	99.16	65	0.84	-	-	-	-	-	-	-	-
Borena Zone	275,804	97.42	7,026	2.48	235	0.08	19	0.01	-	-	20	0.01
Uraga	40,861	95.87	1,699	3.99	63	0.15	-	-	-	-	-	-
Bore	29,860	98.12	516	1.70	57	0.19	-	-	-	-	-	-
Adolana Wadera	21,915	96.90	643	2.84	58	0.26	-	-	-	-	-	-
Odo Shakiso	13,111	93.55	841	6.00	43	0.31	-	-	-	-	20	0.14
Hager Mariam	83,893	97.42	2,223	2.58	-	-	-	-	-	-	-	-
Yabelo	9,973	98.93	108	1.07	-	-	-	-	-	-	-	-
Arero	3,205	96.22	126	3.78	-	-	-	-	-	-	-	-
Liben	14,754	99.39	71	0.48	-	-	19	0.13	-	-	-	-
Moyale	10,669	99.38	67	0.62	-	-	-	-	-	-	-	-
Dire	13,427	97.87	279	2.03	13	0.09	-	-	-	-	-	-
Teltele	7,349	99.84	12	0.16	-	-	-	-	-	-	-	-
Gelana Abaya	26,788	98.38	441	1.62	-	-	-	-	-	-	-	-

Table 8.32B:- Number of Crop Holders that Owned Local Storage 'Gottera' by Geographic area. (Continued.)

Geographic area	Number of Crop holders that owned											
	No 'Gottera'		One 'Gottera'		Two 'Gotteras'		Three 'Gotteras'		Four 'Gotteras'		Five and above 'Gotteras'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
East Harerge Zone												
Meta	36,136	82.55	7,204	16.46	435	0.99	-	-	-	-	-	-
Goro Gutu	19,583	76.15	5,592	21.74	474	1.84	34	0.13	35	0.14	-	-
Deder	29,901	78.14	7,474	19.53	778	2.03	112	0.29	-	-	-	-
Malka Balo	16,169	64.86	8,502	34.10	259	1.04	-	-	-	-	-	-
Bedeno	36,721	84.70	6,530	15.06	105	0.24	-	-	-	-	-	-
Girawa	35,728	91.88	2,987	7.68	171	0.44	-	-	-	-	-	-
Gola Oda	7,274	92.53	581	7.39	6	0.08	-	-	-	-	-	-
Bale Zone	139,904	54.00	74,520	28.77	28,148	10.87	10,931	4.22	3,685	1.42	1,870	0.72
Kokosa	21,492	91.94	1,326	5.67	458	1.96	32	0.14	32	0.14	35	0.15
Dodola	9,513	40.22	8,211	34.72	4,215	17.82	1,435	6.07	276	1.17	-	-
Adaba	8,328	41.94	7,605	38.30	2,840	14.30	835	4.21	248	1.25	-	-
Agarfa	4,378	33.30	3,940	29.97	3,398	25.85	1,006	7.65	338	2.57	86	0.65
Gasera	5,405	44.71	2,898	23.97	2,018	16.69	1,164	9.63	442	3.66	161	1.33
Gololcha	5,778	38.74	3,877	26.00	2,702	18.12	1,506	10.10	636	4.26	415	2.78
Legehida	7,357	90.89	665	8.22	72	0.89	-	-	-	-	-	-
Ginir	14,941	69.00	3,813	17.61	1,638	7.56	868	4.01	243	1.12	150	0.69
Sinanana Dinsho	9,195	36.80	5,979	23.93	5,502	22.02	2,638	10.56	838	3.35	836	3.35
Goba	2,585	35.99	2,089	29.08	1,693	23.57	631	8.78	163	2.27	22	0.31
Mennana Arena Buluk	7,715	40.19	11,119	57.92	306	1.59	29	0.15	29	0.15	-	-
Nensebo	12,461	87.95	1,163	8.21	499	3.52	27	0.19	-	-	19	0.13
Meda Welabu	5,515	43.92	6,876	54.76	166	1.32	-	-	-	-	-	-
Berbere	2,691	26.35	6,746	66.05	698	6.83	53	0.52	25	0.24	-	-
Guradamole	2,627	63.15	1,471	35.36	56	1.35	6	0.14	-	-	-	-
Goro	10,179	63.88	2,821	17.70	1,689	10.60	682	4.28	417	2.62	146	0.92
Raytu	3,874	62.81	2,162	35.05	132	2.14	-	-	-	-	-	-
Seweyna	5,867	76.09	1,760	22.82	66	0.86	18	0.23	-	-	-	-
Borena Zone	185,933	65.68	87,069	30.76	7,922	2.80	1,610	0.57	358	0.13	212	0.07
Uraga	36,015	84.50	5,743	13.47	865	2.03	-	-	-	-	-	-
Bore	17,959	59.01	8,992	29.55	2,413	7.93	739	2.43	212	0.70	118	0.39
Adolana Wadera	7,779	34.40	13,598	60.13	986	4.36	188	0.83	31	0.14	34	0.15
Odo Shakiso	7,376	52.63	6,562	46.82	77	0.55	-	-	-	-	-	-
Hager Mariam	68,674	79.75	17,054	19.80	194	0.23	194	0.23	-	-	-	-
Yabelo	5,956	59.08	4,043	40.11	82	0.81	-	-	-	-	-	-
Arero	1,947	58.45	1,367	41.04	6	0.18	11	0.33	-	-	-	-
Liben	3,813	25.69	10,554	71.10	477	3.21	-	-	-	-	-	-
Moyale	5,157	48.03	4,835	45.04	744	6.93	-	-	-	-	-	-
Dire	6,710	48.91	6,372	46.45	637	4.64	-	-	-	-	-	-
Teltele	950	12.91	4,458	60.56	1,331	18.08	477	6.48	85	1.15	60	0.82
Gelana Abaya	23,597	86.66	3,492	12.82	110	0.40	-	-	30	0.11	-	-

Geographic area	Number of Crop holders that owned											
			One		Two		Three		Four		Five and above	
	No 'Gudguad'		'Gudguad'		'Gudguads'		'Gudguads'		'Gudguads'		'Gudguads'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Oromia Region	3,304,513	82.99	597,609	15.01	60,814	1.53	12,047	0.30	4,637	0.12	2,084	0.05
West Welega Zone.....	313,275	99.79	424	0.14	146	0.05	19	0.01	-	-	59	0.02
Mana Sibü.....	26,803	99.19	188	0.70	31	0.11	-	-	-	-	-	-
Nejo.....	17,844	99.60	72	0.40	-	-	-	-	-	-	-	-
Gimbi	17,031	99.62	24	0.14	41	0.24	-	-	-	-	-	-
Lalo Asabi.....	10,856	99.54	34	0.31	16	0.15	-	-	-	-	-	-
Boji	15,154	99.78	-	-	34	0.22	-	-	-	-	-	-
Ayra Guliso.....	16,371	100.00	-	-	-	-	-	-	-	-	-	-
Jarso	16,167	99.86	23	0.14	-	-	-	-	-	-	-	-
Gidami	13,636	100.00	-	-	-	-	-	-	-	-	-	-
Jimma Horo	6,852	99.75	8	0.12	-	-	9	0.13	-	-	-	-
Hawa Welel	17,256	99.66	-	-	-	-	-	-	-	-	59	0.34
Gawo Dale	23,820	100.00	-	-	-	-	-	-	-	-	-	-
Dale Sadi.....	11,117	100.00	-	-	-	-	-	-	-	-	-	-
Yubdo	5,640	100.00	-	-	-	-	-	-	-	-	-	-
Ganji	9,550	99.37	38	0.40	13	0.14	10	0.10	-	-	-	-
Haru	11,508	100.00	-	-	-	-	-	-	-	-	-	-
Nole Kaba	23,388	100.00	-	-	-	-	-	-	-	-	-	-
Lalo Kilie.....	7,900	100.00	-	-	-	-	-	-	-	-	-	-
Sayo	19,844	100.00	-	-	-	-	-	-	-	-	-	-
Anfilo.....	11,837	99.91	-	-	11	0.09	-	-	-	-	-	-
Begi.....	30,698	99.88	36	0.12	-	-	-	-	-	-	-	-
East Welega Zone.....	260,340	99.79	289	0.11	191	0.07	73	0.03	-	-	-	-
Limu.....	20,664	99.87	26	0.13	-	-	-	-	-	-	-	-
Ibantú	5,061	99.49	7	0.14	19	0.37	-	-	-	-	-	-
Gida Kiremu	22,147	99.91	-	-	21	0.09	-	-	-	-	-	-
Jarte.....	7,354	99.88	9	0.12	-	-	-	-	-	-	-	-
Amuru.....	7,716	99.70	12	0.16	11	0.14	-	-	-	-	-	-
Abe Dongoro	9,458	99.87	12	0.13	-	-	-	-	-	-	-	-
Jimma Horó	23,879	99.40	80	0.33	64	0.27	-	-	-	-	-	-
Abay Chomen.....	4,701	99.70	7	0.15	7	0.15	-	-	-	-	-	-
Gudurú	21,495	99.88	-	-	-	-	25	0.12	-	-	-	-
Jimma Rare	7,717	99.73	21	0.27	-	-	-	-	-	-	-	-
Bila Seyo.....	13,432	99.72	-	-	19	0.14	19	0.14	-	-	-	-
Sibü Sire	15,163	99.74	-	-	23	0.15	17	0.11	-	-	-	-
Guto Wayu.....	28,422	99.77	65	0.23	-	-	-	-	-	-	-	-
Sasiga.....	11,346	100.00	-	-	-	-	-	-	-	-	-	-
Leka Dulecha.....	10,539	99.85	16	0.15	-	-	-	-	-	-	-	-
Diga.....	11,825	99.64	18	0.15	12	0.10	13	0.11	-	-	-	-
Jimma Arjó	13,301	99.76	16	0.12	16	0.12	-	-	-	-	-	-
Nunu Kumba.....	10,438	100.00	-	-	-	-</						

[illegible]

Table 8.34B:- Number of Crop Holders that Owned Modern Storage by Geographic area.

Geographic area	Number of Crop holders that owned											
	No Modern Storage		One Modern Storage		Two Modern Storages		Three Modern Storages		Four Modern Storages		Five and above Modern Storages	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Oromia Region	3,966,423	99.62	11,121	0.28	2,802	0.07	997	0.03	247	0.01	114	0.00
West Welega Zone.....	312,232	99.46	1,211	0.39	396	0.13	84	0.03	-	-	-	-
Mana Sibu.....	26,994	99.90	28	0.10	-	-	-	-	-	-	-	-
Nejo.....	17,896	99.89	-	-	20	0.11	-	-	-	-	-	-
Gimbi.....	17,057	99.77	39	0.23	-	-	-	-	-	-	-	-
Lalo Asabi.....	10,891	99.86	15	0.14	-	-	-	-	-	-	-	-
Boji	15,165	99.85	23	0.15	-	-	-	-	-	-	-	-
Ayra Guliso.....	16,293	99.52	58	0.35	20	0.12	-	-	-	-	-	-
Jarso	15,985	98.73	73	0.45	115	0.71	17	0.11	-	-	-	-
Gidami	13,596	99.71	40	0.29	-	-	-	-	-	-	-	-
Jimma Horo	6,834	99.49	26	0.38	9	0.13	-	-	-	-	-	-
Hawa Welel	17,234	99.53	63	0.36	18	0.10	-	-	-	-	-	-
Gawo Dale	23,632	99.21	29	0.12	96	0.40	63	0.26	-	-	-	-
Dale Sadi.....	11,070	99.58	30	0.27	17	0.15	-	-	-	-	-	-
Yubdo	5,618	99.61	8	0.14	14	0.25	-	-	-	-	-	-
Ganji	9,559	99.46	42	0.44	10	0.10	-	-	-	-	-	-
Haru	11,467	99.64	41	0.36	-	-	-	-	-	-	-	-
Nole Kaba.....	23,320	99.71	56	0.24	12	0.05	-	-	-	-	-	-
Lalo Kilie.....	7,891	99.89	-	-	9	0.11	-	-	-	-	-	-
Sayo	19,505	98.29	311	1.57	28	0.14	-	-	-	-	-	-
Anfilo.....	11,651	98.34	165	1.39	27	0.23	5	0.04	-	-	-	-
Begi.....	30,570	99.47	164	0.53	-	-	-	-	-	-	-	-
East Welega Zone.....	258,864	99.22	1,466	0.56	333	0.13	134	0.05	54	0.02	42	0.02
Limu.....	20,458	98.88	109	0.53	90	0.43	33	0.16	-	-	-	-
Ibantu	5,079	99.84	8	0.16	-	-	-	-	-	-	-	-
Gida Kiremu	22,072	99.57	96	0.43	-	-	-	-	-	-	-	-
Jarte	7,302	99.17	29	0.39	-	-	23	0.31	9	0.12	-	-
Amuru.....	7,663	99.02	16	0.21	36	0.47	24	0.31	-	-	-	-
Abe Dongoro	9,451	99.80	10	0.11	9	0.10	-	-	-	-	-	-
Jimma Horo	23,878	99.40	145	0.60	-	-	-	-	-	-	-	-
Abay Chomen.....	4,666	98.96	49	1.04	-	-	-	-	-	-	-	-
Guduru.....	20,943	97.32	528	2.45	49	0.23	-	-	-	-	-	-
Jimma Rare.....	7,697	99.47	41	0.53	-	-	-	-	-	-	-	-
Bila Seyo.....	13,341	99.04	129	0.96	-	-	-	-	-	-	-	-
Sibu Sire	15,077	99.17	74	0.49	18	0.12	34	0.22	-	-	-	-
Guto Wayu.....	28,445	99.85	42	0.15	-	-	-	-	-	-	-	-
Sasiga.....	11,346	100.00	-	-	-	-	-	-	-	-	-	-
Leka Dulecha.....	10,466	99.16	89	0.84	-	-	-	-	-	-	-	-
Diga.....	11,826	99.65	42	0.35	-	-	-	-	-	-	-	-
Jimma Arjo	13,280	99.60	18	0.14	35	0.26	-	-	-	-	-	-
Nunu Kumba.....	10,407	99.70	-	-	15	0.14	-	-	-	-	16	0.15
Wama Bonaya.....	15,467	98.64	42	0.27	81	0.52	20	0.13	45	0.29	25	0.16
Illibabor Zone	194,566	99.63	578	0.30	92	0.05	51	0.03	-	-	-	-
Darimu	22,265	99.74	-	-	30	0.13	29	0.13	-	-	-	-
Supena Sodo	13,104	99.73	35	0.27	-	-	-	-	-	-	-	-
Chora.....	19,469	99.57	57	0.29	28	0.14	-	-	-	-	-	-
Dega	10,180	99.89	11	0.11	-	-	-	-	-	-	-	-
Bedele	20,513	100.00	-	-	-	-	-	-	-	-	-	-
Gechi.....	10,878	99.86	15	0.14	-	-	-	-	-	-	-	-
Borecha Wereda	9,000	99.67	14	0.16	16	0.18	-	-	-	-	-	-
Dedesa.....	13,863	98.79	152	1.08	18	0.13	-	-	-	-	-	-
yayu.....	19,122	99.59	79	0.41	-	-	-	-	-	-	-	-
Metu.....	22,491	99.29	160	0.71	-	-	-	-	-	-	-	-

Table 8.34B:- Number of Crop Holders that Owned Modern Storage by Geographic area. (Continued.)

Geographic area	Number of Crop holders that owned											
	No Modern Storage		One Modern Storage		Two Modern Storages		Three Modern Storages		Four Modern Storages		Five and above Modern Storages	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Illibabor Zone												
Ale.....	17,312	99.75	22	0.13	-	-	22	0.13	-	-	-	-
Bure.....	11,958	99.72	34	0.28	-	-	-	-	-	-	-	-
Nono	4,411	100.00	-	-	-	-	-	-	-	-	-	-
Jimma Zone	439,865	99.22	2,014	0.45	994	0.22	346	0.08	36	0.01	60	0.01
Limu Seka.....	29,245	100.00	-	-	-	-	-	-	-	-	-	-
Limu Kosa	45,534	99.16	344	0.75	43	0.09	-	-	-	-	-	-
Sokoru.....	25,490	99.62	29	0.11	38	0.15	29	0.11	-	-	-	-
Tiro Afeta	24,015	99.50	-	-	60	0.25	-	-	-	-	60	0.25
Kersa	28,968	98.28	75	0.25	215	0.73	180	0.61	36	0.12	-	-
Mana	27,351	98.33	427	1.54	38	0.14	-	-	-	-	-	-
Goma.....	48,741	98.42	525	1.06	257	0.52	-	-	-	-	-	-
Gera.....	20,692	99.47	-	-	111	0.53	-	-	-	-	-	-
Seka chekorsa	56,136	99.49	140	0.25	73	0.13	73	0.13	-	-	-	-
Dedo.....	53,892	99.74	66	0.12	77	0.14	-	-	-	-	-	-
Omonada.....	45,645	99.29	206	0.45	58	0.13	63	0.14	-	-	-	-
Sigmo.....	16,011	99.25	121	0.75	-	-	-	-	-	-	-	-
Setema.....	18,141	99.41	83	0.45	25	0.14	-	-	-	-	-	-
West Shewa Zone	501,103	99.70	881	0.18	330	0.07	165	0.03	112	0.02	-	-
Ginde Beret.....	33,443	99.44	141	0.42	46	0.14	-	-	-	-	-	-
Jeldu.....	33,525	99.48	131	0.39	45	0.13	-	-	-	-	-	-
Ambo	39,914	99.48	-	-	167	0.42	41	0.10	-	-	-	-
Cheliya.....	36,839	99.54	87	0.24	42	0.11	43	0.12	-	-	-	-
Bako Tibe	19,365	99.88	24	0.12	-	-	-	-	-	-	-	-
Dano.....	15,530	99.91	-	-	14	0.09	-	-	-	-	-	-
Nono	23,025	99.50	84	0.36	-	-	-	-	31	0.13	-	-
Tikur	12,596	100.00	-	-	-	-	-	-	-	-	-	-
Amaya.....	21,943	100.00	-	-	-	-	-	-	-	-	-	-
Wonchi.....	17,367	99.78	38	0.22	-	-	-	-	-	-	-	-
Dendi.....	36,992	99.69	114	0.31	-	-	-	-	-	-	-	-
Ejerie.....	15,219	100.00	-	-	-	-	-	-	-	-	-	-
Adda Berga	19,148	99.20	78	0.40	-	-	23	0.12	53	0.27	-	-
Walmara.....	17,053	99.88	20	0.12	-	-	-	-	-	-	-	-
Alem Gana	20,607	100.00	-	-	-	-	-	-	-	-	-	-
Kersana Kondaltiti	21,917	99.39	106	0.48	-	-	-	-	28	0.13	-	-
Tole	10,387	99.87	-	-	-	-	14	0.13	-	-	-	-
Elu.....	10,354	100.00	-	-	-	-	-	-	-	-	-	-
Dawo	13,052	99.88	-	-	16	0.12	-	-	-	-	-	-
Walisona Goro	35,590	99.88	43	0.12	-	-	-	-	-	-	-	-
Becho	11,279	99.87	15	0.13	-	-	-	-	-	-	-	-
Kokir.....	12,345	99.86	-	-	-	-	17	0.14	-	-	-	-
Meta Robi	23,611	99.88	-	-	-	-	28	0.12	-	-	-	-
North Shewa(Oromia) Zone	236,279	99.69	497	0.21	120	0.05	89	0.04	26	0.01	-	-
Wara Jarso	24,950	99.76	27	0.11	32	0.13	-	-	-	-	-	-
Dera.....	34,852	99.48	94	0.27	-	-	89	0.25	-	-	-	-
Hidabu Abote.....	15,819	99.59	25	0.16	40	0.25	-	-	-	-	-	-
Kuyu	19,828	98.70	236	1.17	-	-	-	-	26	0.13	-	-
Degem.....	17,898	99.79	38	0.21	-	-	-	-	-	-	-	-
Gerar Jarso	13,146	99.87	17	0.13	-	-	-	-	-	-	-	-
Yaya Gulelena Debre	16,545	99.87	21	0.13	-	-	-	-	-	-	-	-
Wuchalena Jido.....	22,017	100.00	-	-	-	-	-	-	-	-	-	-
Abichuna Gna'a	11,853	99.87	-	-	15	0.13	-	-	-	-	-	-
Kembibit	10,860	100.00	-	-	-	-	-	-	-	-	-	-
Berehna Aleltu	24,774	100.00	-	-	-	-	-	-	-	-	-	-
Mulona Sululta	23,739	99.70	38	0.16	33	0.14	-	-	-	-	-	-

Table 8.34B:- Number of Crop Holders that Owned Modern Storage by Geographic area. (Continued.)

Geographic area	Number of Crop holders that owned											
	No Modern Storage		One Modern Storage		Two Modern Storages		Three Modern Storages		Four Modern Storages		Five and above Modern Storages	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
East Shewa Zone.....	313,972	99.68	808	0.26	174	0.06	-	-	-	-	12	0.00
Fentale.....	6,658	99.72	19	0.28	-	-	-	-	-	-	-	-
Boset	24,825	99.95	-	-	-	-	-	-	-	-	12	0.05
Adama.....	26,728	99.34	111	0.41	67	0.25	-	-	-	-	-	-
Lome	14,494	99.52	51	0.35	19	0.13	-	-	-	-	-	-
Gimbichu	15,533	99.77	36	0.23	-	-	-	-	-	-	-	-
Ada'a Liben Chukala	40,132	99.89	44	0.11	-	-	-	-	-	-	-	-
Dugda Bora	28,810	99.88	34	0.12	-	-	-	-	-	-	-	-
Adami Tuillu Jido	23,794	100.00	-	-	-	-	-	-	-	-	-	-
Arsi Negele	26,477	99.60	71	0.27	36	0.14	-	-	-	-	-	-
Shashemene	45,711	99.14	346	0.75	51	0.11	-	-	-	-	-	-
Seraro	48,144	99.87	65	0.13	-	-	-	-	-	-	-	-
Akaki.....	12,665	99.76	31	0.24	-	-	-	-	-	-	-	-
Arsi Zone	491,188	99.63	1,476	0.30	282	0.06	42	0.01	19	0.00	-	-
Merti.....	22,750	100.00	-	-	-	-	-	-	-	-	-	-
Aseko	14,358	99.74	38	0.26	-	-	-	-	-	-	-	-
Gololcha.....	29,142	99.88	36	0.12	-	-	-	-	-	-	-	-
Jeju	22,086	99.41	28	0.13	103	0.46	-	-	-	-	-	-
Dodotana Sire	22,764	99.46	123	0.54	-	-	-	-	-	-	-	-
Zeway Dugda.....	21,145	99.74	55	0.26	-	-	-	-	-	-	-	-
Hitosa	38,702	98.66	442	1.13	85	0.22	-	-	-	-	-	-
Sude	25,473	99.89	28	0.11	-	-	-	-	-	-	-	-
Chole.....	15,808	99.31	87	0.55	-	-	23	0.14	-	-	-	-
Amigna	11,144	99.71	32	0.29	-	-	-	-	-	-	-	-
Seru	18,155	99.73	50	0.27	-	-	-	-	-	-	-	-
Robe.....	26,999	99.77	63	0.23	-	-	-	-	-	-	-	-
Tena	20,684	100.00	-	-	-	-	-	-	-	-	-	-
Sherka	26,379	99.90	-	-	26	0.10	-	-	-	-	-	-
Digeluna Tijo	22,164	99.92	17	0.08	-	-	-	-	-	-	-	-
Tiyo	15,844	99.16	75	0.47	21	0.13	19	0.12	19	0.12	-	-
Munesa.....	35,050	99.66	121	0.34	-	-	-	-	-	-	-	-
Bekoji.....	35,796	99.45	152	0.42	47	0.13	-	-	-	-	-	-
Gedeb	24,718	99.48	129	0.52	-	-	-	-	-	-	-	-
Kofele.....	42,028	100.00	-	-	-	-	-	-	-	-	-	-
West Harerge Zone.....	291,253	99.96	103	0.04	-	-	-	-	-	-	-	-
Mieso	16,377	99.86	23	0.14	-	-	-	-	-	-	-	-
Doba	22,740	99.88	28	0.12	-	-	-	-	-	-	-	-
Tulo	24,329	100.00	-	-	-	-	-	-	-	-	-	-
Mesela.....	25,806	99.87	34	0.13	-	-	-	-	-	-	-	-
Chiro	62,368	100.00	-	-	-	-	-	-	-	-	-	-
Goba Koricha.....	20,014	100.00	-	-	-	-	-	-	-	-	-	-
Anchar.....	13,411	99.86	19	0.14	-	-	-	-	-	-	-	-
Habro	30,386	100.00	-	-	-	-	-	-	-	-	-	-
Darolebu	26,978	100.00	-	-	-	-	-	-	-	-	-	-
Boke	22,144	100.00	-	-	-	-	-	-	-	-	-	-
Kuni	26,701	100.00	-	-	-	-	-	-	-	-	-	-
East Harerge Zone	387,067	99.97	126	0.03	-	-	-	-	-	-	-	-
Kombolcha.....	20,710	100.00	-	-	-	-	-	-	-	-	-	-
Jarso	17,052	100.00	-	-	-	-	-	-	-	-	-	-
Gursum	25,567	100.00	-	-	-	-	-	-	-	-	-	-
Babile.....	10,237	100.00	-	-	-	-	-	-	-	-	-	-
Fedis.....	24,565	100.00	-	-	-	-	-	-	-	-	-	-
Haro Maya.....	31,404	100.00	-	-	-	-	-	-	-	-	-	-
Kurfa Chele.....	7,122	100.00	-	-	-	-	-	-	-	-	-	-
Kersa	27,673	99.74	72	0.26	-	-	-	-	-	-	-	-

Table 8.34B:- Number of Crop Holders that Owned Modern Storage by Geographic area. (Continued.)

Geographic area	Number of Crop holders that owned											
	No Modern Storage		One Modern Storage		Two Modern Storages		Three Modern Storages		Four Modern Storages		Five and above Modern Storages	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
East Harerge Zone												
Meta	43,775	100.00	-	-	-	-	-	-	-	-	-	-
Goro Gutu	25,683	99.86	35	0.14	-	-	-	-	-	-	-	-
Deder	38,265	100.00	-	-	-	-	-	-	-	-	-	-
Malka Balo	24,911	99.92	19	0.08	-	-	-	-	-	-	-	-
Bedeno	43,356	100.00	-	-	-	-	-	-	-	-	-	-
Girawa	38,886	100.00	-	-	-	-	-	-	-	-	-	-
Gola Oda	7,861	100.00	-	-	-	-	-	-	-	-	-	-
Bale Zone	258,519	99.79	446	0.17	53	0.02	40	0.02	-	-	-	-
Kokosa	23,375	100.00	-	-	-	-	-	-	-	-	-	-
Dodola	23,442	99.12	175	0.74	33	0.14	-	-	-	-	-	-
Adaba	19,830	99.87	26	0.13	-	-	-	-	-	-	-	-
Agarfa	13,146	100.00	-	-	-	-	-	-	-	-	-	-
Gasera	12,088	100.00	-	-	-	-	-	-	-	-	-	-
Gololcha	14,895	99.87	19	0.13	-	-	-	-	-	-	-	-
Legehida	8,017	99.05	77	0.95	-	-	-	-	-	-	-	-
Ginir	21,626	99.88	27	0.12	-	-	-	-	-	-	-	-
Sinanana Dinsho	24,959	99.88	29	0.12	-	-	-	-	-	-	-	-
Goba	7,174	99.87	9	0.13	-	-	-	-	-	-	-	-
Mennana Arena Buluk	19,198	100.00	-	-	-	-	-	-	-	-	-	-
Nensebo	14,169	100.00	-	-	-	-	-	-	-	-	-	-
Meda Welabu	12,536	99.83	21	0.17	-	-	-	-	-	-	-	-
Berbere	10,213	100.00	-	-	-	-	-	-	-	-	-	-
Guradamole	4,145	99.64	15	0.36	-	-	-	-	-	-	-	-
Goro	15,852	99.49	22	0.14	20	0.13	40	0.25	-	-	-	-
Raytu	6,168	100.00	-	-	-	-	-	-	-	-	-	-
Seweyna	7,687	99.69	24	0.31	-	-	-	-	-	-	-	-
Borena Zone	281,514	99.44	1,515	0.54	29	0.01	46	0.02	-	-	-	-
Uraga	42,303	99.25	320	0.75	-	-	-	-	-	-	-	-
Bore	30,125	98.99	262	0.86	-	-	46	0.15	-	-	-	-
Adolana Wadera	22,544	99.68	72	0.32	-	-	-	-	-	-	-	-
Odo Shakiso	13,894	99.14	121	0.86	-	-	-	-	-	-	-	-
Hager Mariam	85,609	99.41	507	0.59	-	-	-	-	-	-	-	-
Yabelo	10,060	99.79	21	0.21	-	-	-	-	-	-	-	-
Arero	3,323	99.76	8	0.24	-	-	-	-	-	-	-	-
Liben	14,790	99.64	25	0.17	29	0.20	-	-	-	-	-	-
Moyale	10,712	99.78	24	0.22	-	-	-	-	-	-	-	-
Dire	13,638	99.41	81	0.59	-	-	-	-	-	-	-	-
Teltele	7,322	99.47	39	0.53	-	-	-	-	-	-	-	-
Gelana Abaya	27,194	99.87	35	0.13	-	-	-	-	-	-	-	-

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

Annex Tables 8.1-8.13

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	3,180,735	14,498.35	0.46	5,054,757	30,198.67	0.60	44,271,946	36,327,054.27	0.82
'Gejeras'	1,333,104	14,070.49	1.06	1,749,572	23,748.62	1.36	22,959,673	38,970,912.48	1.70
Shovels.....	1,214,645	9,717.99	0.80	1,398,222	13,561.99	0.97	16,286,908	23,255,834.56	1.43
Used for Cultivation									
Hoes	1,799,090	17,020.04	0.95	2,415,953	27,469.69	1.14	24,116,966	31,685,776.25	1.31
'Mekeskeshas'	209,704	9,190.66	4.38	302,718	14,915.20	4.93	1,243,920	6,353,675.54	5.11
Pick Axes	726,698	14,621.39	2.01	1,014,770	24,007.30	2.37	8,316,289	19,272,156.86	2.32
Tractors	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	2,573,190	13,589.79	0.53	4,400,328	35,675.37	0.81	11,040,065	10,282,125.55	0.93
'Erfes' (Handle)	2,534,338	13,740.47	0.54	3,596,052	26,007.02	0.72	5,971,842	6,887,076.71	1.15
Plough-Beams.	2,591,935	13,621.99	0.53	3,538,714	21,354.73	0.60	33,026,990	32,372,194.88	0.98
Plough -Tips (Metal)	2,602,623	13,965.57	0.54	3,120,697	19,397.06	0.62	41,238,102	32,171,775.85	0.78
'Wegel' -Tips.....	2,561,628	13,646.12	0.53	3,040,310	18,328.00	0.60	14,529,949	11,540,338.11	0.79
Yokes	2,585,850	13,625.76	0.53	3,104,582	18,180.79	0.59	20,857,735	18,034,955.12	0.86
Used for Harvesting									
Sickles.....	3,039,059	14,870.05	0.49	4,653,886	25,907.51	0.56	43,156,448	32,211,419.49	0.75
Used for Threshing									
Hay-Forks (Metal)	321,442	5,383.01	1.67	394,572	7,234.19	1.83	5,989,744	12,556,883.86	2.10
Hay-Forks (Wood)	1,229,590	11,869.67	0.97	1,924,887	21,587.96	1.12	6,310,750	8,747,534.85	1.39
Threshing Sticks	765,449	15,554.20	2.03	1,607,086	61,922.08	3.85	2,073,942	5,981,206.06	2.88
Winnowers (Metal)	9,681	987.81	10.20	11,072	1,221.02	11.03	94,136	1,033,197.23	10.98
Winnowers (Wood)	969,714	9,979.38	1.03	1,087,145	12,090.23	1.11	8,963,176	11,006,274.58	1.23
Other Farm Equipment									
Carts (Hauling)	37,604	3,403.67	9.05	43,940	5,194.61	11.82	6,970,164	67,341,706.36	9.66
Sprayers (Hand Operated)	57,062	2,269.93	3.98	61,051	2,406.18	3.94	15,408,997	75,420,554.76	4.89
Sprayers (Power Operated) ..	-	-	-	-	-	-	-	-	-
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows.....	13,992	1,080.41	7.72	14,480	1,123.59	7.76	1,516,648	14,467,539.75	9.54
Animals Used for Ploughing									
Asses.....	5,019	580.02	11.56	7,307	918.66	12.57	3,399,143	42,881,504.71	12.62
Camels	71	30.66	43.27	71	30.66	43.27	64,007	2,842,170.40	44.40
Horses	334	102.86	30.80	522	163.86	31.41	239,501	8,105,849.69	33.84
Mules	-	-	-	-	-	-	-	-	-
Oxen.....	2,396,172	13,287.70	0.55	4,459,312	51,665.49	1.16	2,531,549,355	1,821,971,981.66	0.72
AnimalsUsed for Threshing or Transportation									
Asses.....	975,587	10,160.13	1.04	1,211,592	13,798.46	1.14	314,041,592	411,915,869.55	1.31
Camels	11,450	795.89	6.95	16,944	1,401.34	8.27	14,980,711	149,351,848.26	9.97
Cattle.....	2,444,409	13,797.61	0.56	6,242,998	55,058.44	0.88	3,140,442,613	2,518,209,121.15	0.80
Horses	369,961	9,176.16	2.48	508,863	13,576.94	2.67	190,677,389	511,844,597.25	2.68
Mules	88,925	2,441.48	2.75	92,025	2,540.59	2.76	80,021,173	236,470,588.50	2.96
Storage Structure									
'Debignits'	962,633	12,471.10	1.30	1,898,703	27,878.34	1.47	13,276,313	25,204,461.45	1.90
'Gotteras'	1,947,637	16,104.35	0.83	3,198,187	31,296.83	0.98	66,981,781	106,725,213.51	1.59
'Gudguads'	677,191	13,249.84	1.96	786,932	18,992.55	2.41	16,974,914	47,239,836.88	2.78
Modern Storages.....	15,280	1,071.69	7.01	21,301	1,722.29	8.09	*	*	*

ANNEX TABLE 8.2:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, West Welega 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.....	277,927	2,391.16	0.86	449,882	5,099.91	1.13	3,811,971	6,910,957.79	1.81
'Gejeras'	226,294	3,321.64	1.47	336,752	6,157.63	1.83	2,986,280	6,909,018.23	2.31
Shovels	47,392	1,274.79	2.69	48,704	1,340.17	2.75	594,885	1,882,451.40	3.16
Used for Cultivation									
Hoes.....	251,007	3,811.43	1.52	430,297	7,593.80	1.76	3,884,384	9,823,496.29	2.53
'Mekeskeshas'	24,020	2,357.96	9.82	35,694	4,276.68	11.98	158,305	1,824,752.24	11.53
Pick Axes	37,096	3,159.43	8.52	55,925	5,738.02	10.26	550,499	5,770,643.92	10.48
Tractors	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	199,324	2,420.38	1.21	305,765	6,322.27	2.07	583,405	1,130,726.63	1.94
'Erfe' (Handle)	194,747	2,488.04	1.28	249,872	4,710.30	1.89	261,323	853,401.00	3.27
Plough-Beams.	200,986	2,401.93	1.20	228,750	3,003.58	1.31	1,063,215	2,383,120.19	2.24
Plough -Tips (Metal)	199,889	2,406.42	1.20	221,951	3,025.32	1.36	2,511,033	5,143,050.74	2.05
'Wegel' -Tips	196,304	2,441.13	1.24	216,324	2,954.93	1.37	1,249,352	2,435,106.52	1.95
Yokes.....	200,856	2,402.86	1.20	224,229	2,857.58	1.27	640,765	1,203,286.81	1.88
Used for Harvesting									
Sickles	255,311	2,369.97	0.93	421,259	5,931.85	1.41	2,345,145	4,422,636.33	1.89
Used for Threshing									
Hay-Forks (Metal)	1,068	178.77	16.74	1,740	344.64	19.80	4,514	124,350.49	27.55
Hay-Forks (Wood)	56,416	2,695.99	4.78	106,665	5,272.87	4.94	95,291	548,018.70	5.75
Threshing Sticks.....	90,175	4,414.08	4.90	199,423	11,501.82	5.77	177,919	1,585,238.76	8.91
Winnowers (Metal)	137	54.70	39.85	137	54.70	39.85	*	*	*
Winnowers (Wood)	10,686	1,238.01	11.59	13,198	1,577.48	11.95	39,550	570,619.77	14.43
Other Farm Equipment									
Carts (Hauling)	149	61.24	41.20	149	61.24	41.20	383	16,921.16	44.19
Sprayers (Hand Operated)	3,181	336.77	10.59	3,876	460.83	11.89	445,084	9,076,708.92	20.39
Sprayers (Power Operated).....	-	-	-	-	-	-	-	-	-
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows	465	132.92	28.56	515	146.23	28.39	19,522	647,526.82	33.17
Animals Used for Ploughing									
Asses	185	65.69	35.42	222	76.33	34.45	95,449	3,358,957.60	35.19
Camels.....	-	-	-	-	-	-	-	-	-
Horses.....	*	*	*	*	*	*	34,980	1,744,003.15	49.86
Mules.....	-	-	-	-	-	-	-	-	-
Oxen	168,767	2,314.04	1.37	268,341	4,416.20	1.65	110,699,667	205,162,490.89	1.85
Animals Used for Threshing or Transportation									
Asses	50,887	1,457.58	2.86	62,622	1,952.17	3.12	16,106,367	57,395,730.03	3.56
Camels.....	-	-	-	-	-	-	-	-	-
Cattle	168,184	2,571.26	1.53	448,370	15,397.17	3.43	157,198,180	397,270,700.61	2.53
Horses.....	3,712	578.11	15.58	4,484	760.03	16.95	2,068,150	36,504,754.15	17.65
Mules.....	6,928	538.57	7.77	7,142	558.06	7.81	5,633,801	44,351,325.09	7.87
Storage Structure									
'Debignits'	42,220	1,940.89	4.60	61,465	2,844.12	4.63	485,360	2,587,602.47	5.33
'Gotteras'	158,386	3,130.83	1.98	248,479	6,000.62	2.41	4,235,499	14,822,823.38	3.50
'Gudguads'	648	170.40	26.28	1,249	466.23	37.33	18,163	566,465.82	31.19
Modern Storages	1,692	222.75	13.17	2,256	327.54	14.52	241,010	5,549,680.74	23.03

ANNEX TABLE 8.3. Standard Errors and Coefficients of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, East Welega 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.....	239,123	3,086.81	1.29	408,047	6,991.80	1.71	3,050,986	7,104,528.39	2.33
'Gejeras'	128,616	2,939.64	2.29	158,799	4,334.07	2.73	1,399,508	4,391,459.32	3.14
Shovels	38,079	1,274.45	3.35	39,188	1,332.82	3.40	458,661	1,775,305.71	3.87
Used for Cultivation									
Hoes.....	161,817	3,440.66	2.13	246,521	7,171.07	2.91	1,526,885	4,920,556.39	3.22
'Mekeskeshas'	15,903	1,736.97	10.92	26,874	3,142.48	11.69	63,607	733,552.23	11.53
Pick Axes.....	37,736	2,946.75	7.81	52,020	4,759.46	9.15	403,332	5,344,311.35	13.25
Tractors.....	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	188,846	2,736.24	1.45	362,164	9,229.78	2.55	599,932	2,011,401.59	3.35
'Erfes' (Handle)	186,246	2,808.56	1.51	276,976	6,185.14	2.23	303,977	956,814.64	3.15
Plough-Beams	189,914	2,709.15	1.43	239,611	4,157.98	1.74	1,238,167	3,592,740.80	2.90
Plough -Tips (Metal)	189,600	2,654.65	1.40	227,346	3,723.89	1.64	2,690,944	5,366,356.72	1.99
'Wegel' -Tips	189,136	2,674.68	1.41	226,138	3,732.71	1.65	1,177,559	4,704,051.72	3.99
Yokes.....	189,450	2,747.22	1.45	231,761	3,980.47	1.72	819,221	2,017,290.55	2.46
Used for Harvesting									
Sickles	234,349	2,952.82	1.26	483,800	8,447.25	1.75	2,390,672	6,139,599.30	2.57
Used for Threshing									
Hay-Forks (Metal)	2,043	250.93	12.28	3,234	422.33	13.06	8,826	143,568.57	16.27
Hay-Forks (Wood)	131,597	3,043.95	2.31	270,044	7,586.93	2.81	408,422	1,253,303.85	3.07
Threshing Sticks.....	40,881	2,605.28	6.37	88,138	7,012.83	7.96	120,060	1,093,672.39	9.11
Winnowers (Metal)	688	135.47	19.70	891	225.70	25.34	3,890	89,405.50	22.98
Winnowers (Wood)	43,705	2,521.79	5.77	51,475	3,171.36	6.16	229,444	1,908,952.55	8.32
Other Farm Equipment									
Carts (Hauling)	272	71.92	26.49	272	71.92	26.49	129,133	4,317,819.53	33.44
Sprayers (Hand Operated).....	1,904	262.64	13.80	2,752	410.44	14.91	276,158	7,015,608.81	25.40
Sprayers (Power Operated)	-	-	-	-	-	-	-	-	-
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows	279	95.65	34.30	331	128.48	38.77	11,429	540,448.48	47.29
Animals Used for Ploughing									
Asses.....	651	288.39	44.29	1,120	481.01	42.96	368,581	13,679,892.08	37.12
Camels.....	-	-	-	-	-	-	-	-	-
Horses.....	*	*	*	*	*	*	*	*	*
Mules	-	-	-	-	-	-	-	-	-
Oxen	180,171	2,674.98	1.48	359,255	6,643.15	1.85	165,857,764	348,308,390.23	2.10
AnimalsUsed for Threshing or Transportation									
Asses.....	49,373	1,951.59	3.95	63,135	2,709.24	4.29	15,325,834	66,237,104.71	4.32
Camels.....	*	*	*	*	*	*	*	*	*
Cattle	184,245	2,935.91	1.59	642,951	16,424.78	2.55	250,056,000	640,504,007.22	2.56
Horses.....	11,283	1,199.76	10.63	16,913	2,166.48	12.81	5,551,392	65,590,971.55	11.82
Mules	6,066	534.32	8.81	6,252	549.89	8.80	4,713,023	38,366,192.30	8.14
Storage Structure									
'Debignits'	128,321	3,447.69	2.69	233,833	8,556.02	3.66	2,134,365	9,480,401.95	4.44
'Gotteras'	143,301	4,087.60	2.85	269,371	9,390.92	3.49	5,155,433	41,873,673.02	8.12
'Gudguads'	553	119.65	21.63	890	189.53	21.30	*	*	*
Modern Storages	2,028	412.33	20.33	2,956	553.08	18.71	2,142,067	106,469,157.56	49.70

ANNEX TABLE 8.4:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, Illibabor 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.....	154,535	1,886.99	1.22	242,189	4,087.38	1.69	1,943,056	4,785,516.62	2.46
'Gejeras'	163,440	1,748.11	1.07	230,223	3,304.61	1.44	2,473,044	8,670,937.04	3.51
Shovels	31,841	1,437.55	4.51	33,169	1,573.13	4.74	318,707	2,064,152.63	6.48
Used for Cultivation									
Hoes.....	155,893	1,861.17	1.19	221,763	3,761.51	1.70	1,376,242	5,330,888.69	3.87
'Mekeskeshas'	5,577	757.53	13.58	6,809	988.41	14.52	23,662	345,180.19	14.59
Pick Axes.....	12,295	1,503.53	12.23	16,830	2,972.72	17.66	120,808	1,917,492.94	15.87
Tractors.....	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	134,248	1,932.23	1.44	176,482	3,492.28	1.98	418,817	1,258,666.09	3.01
'Erfes' (Handle)	133,319	1,920.15	1.44	178,732	3,624.79	2.03	129,366	417,743.25	3.23
Plough-Beams.	134,400	1,889.00	1.41	164,852	2,629.45	1.60	616,573	1,599,341.23	2.59
Plough -Tips (Metal)	133,563	1,945.68	1.46	159,411	2,756.08	1.73	1,445,513	3,661,767.84	2.53
'Wegel' - Tips.....	131,842	1,973.50	1.50	155,645	2,631.50	1.69	662,814	1,601,144.55	2.42
Yokes.....	134,462	1,899.35	1.41	158,747	2,733.88	1.72	376,808	1,077,424.76	2.86
Used for Harvesting									
Sickles.....	148,720	1,995.86	1.34	212,702	3,668.44	1.72	979,032	2,907,100.98	2.97
Used for Threshing									
Hay-Forks (Metal)	853	206.15	24.16	1,102	250.08	22.68	3,056	144,662.29	47.34
Hay-Forks (Wood)	41,886	1,880.00	4.49	74,406	3,785.99	5.09	61,577	486,545.83	7.90
Threshing Sticks.....	49,437	2,667.87	5.40	85,919	6,078.38	7.07	55,102	672,804.16	12.21
Winnowers (Metal)	439	153.77	35.02	495	173.52	35.03	1,439	53,223.87	36.99
Winnowers (Wood)	6,106	853.39	13.98	8,109	1,277.80	15.76	23,321	532,637.45	22.84
Other Farm Equipment									
Carts (Hauling)	*	*	*	*	*	*	*	*	*
Sprayers (Hand Operated)	2,308	248.42	10.76	2,466	266.81	10.82	398,745	5,733,095.73	14.38
Sprayers (Power Operated)	-	-	-	-	-	-	-	-	-
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows.....	532	127.89	24.06	532	127.89	24.06	40,112	1,276,444.55	31.82
Animals Used for Ploughing									
Asses.....	169	61.60	36.43	244	89.30	36.65	78,440	2,916,581.66	37.18
Camels	-	-	-	-	-	-	-	-	-
Horses	-	-	-	-	-	-	-	-	-
Mules	-	-	-	-	-	-	-	-	-
Oxen	120,803	1,842.06	1.52	217,613	10,406.10	4.78	85,243,899	175,115,304.19	2.05
AnimalsUsed for Threshing or Transportation									
Asses.....	8,825	746.55	8.46	10,362	854.01	8.24	2,571,735	23,235,830.36	9.04
Camels	-	-	-	-	-	-	-	-	-
Cattle.....	125,445	1,874.95	1.49	316,056	7,762.85	2.46	115,798,807	282,412,370.21	2.44
Horses	15,626	1,029.32	6.59	19,487	1,284.75	6.59	6,450,998	45,683,959.62	7.08
Mules	4,795	421.11	8.78	5,121	452.18	8.83	3,859,059	37,573,319.98	9.74
Storage Structure									
'Debignits'	10,978	1,443.36	13.15	16,300	2,216.67	13.60	100,860	2,372,322.05	23.52
'Gotteras'	151,604	2,126.72	1.40	257,127	5,414.63	2.11	2,542,654	11,283,259.69	4.44
'Gudguads'	459	122.29	26.62	487	139.36	28.63	1,359	63,906.87	47.03
Modern Storages	721	155.10	21.51	915	205.11	22.42	*	*	*

ANNEX TABLE 8.5:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, Jimma 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	365,401	6,197.62	1.70	606,061	14,884.63	2.46	5,464,583	18,512,722.48	3.39
'Gejeras'	260,403	5,952.22	2.29	306,453	8,469.43	2.76	7,910,645	31,022,880.39	3.92
Shovels	59,047	3,037.98	5.14	61,557	3,342.91	5.43	824,112	5,282,463.76	6.41
Used for Cultivation									
Hoes	135,591	7,441.80	5.49	166,476	10,414.88	6.26	1,226,177	8,528,675.10	6.96
'Mekeskeshas'	56,756	5,687.70	10.02	80,034	8,706.47	10.88	293,504	4,086,580.16	13.92
Pick Axes.....	48,385	4,527.82	9.36	60,280	7,112.64	11.80	637,246	6,350,311.11	9.97
Tractors.....	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	327,071	5,861.91	1.79	440,484	11,321.27	2.57	1,070,133	2,990,626.85	2.79
'Erfes' (Handle)	317,617	6,207.71	1.95	414,379	10,250.99	2.47	480,403	1,715,131.99	3.57
Plough-Beams.	328,709	5,829.82	1.77	410,049	9,260.83	2.26	1,898,296	6,288,265.59	3.31
Plough -Tips (Metal)	327,390	5,741.40	1.75	383,550	7,957.20	2.07	3,613,729	9,262,374.43	2.56
'Wegel' -Tips.....	323,363	5,877.72	1.82	375,257	7,924.75	2.11	1,789,825	4,834,691.70	2.70
Yokes	327,366	5,814.82	1.78	388,388	8,087.34	2.08	1,245,074	3,707,576.72	2.98
Used for Harvesting									
Sickles.....	341,254	6,343.15	1.86	450,997	10,609.49	2.35	4,897,882	14,228,697.06	2.91
Used for Threshing									
Hay-Forks (Metal)	1,701	371.76	21.86	1,758	379.50	21.59	9,975	387,811.24	38.88
Hay-Forks (Wood)	71,464	5,112.53	7.15	118,171	8,880.36	7.51	189,780	1,766,253.22	9.31
Threshing Sticks.....	152,453	7,895.95	5.18	275,252	17,351.52	6.30	199,550	1,552,759.97	7.78
Winnowers (Metal)	*	*	*	*	*	*	*	*	*
Winnowers (Wood)	31,168	4,140.33	13.28	38,046	5,374.47	14.13	142,943	2,166,408.03	15.16
Other Farm Equipment									
Carts (Hauling)	*	*	*	*	*	*	*	*	*
Sprayers (Hand Operated)	10,365	1,377.22	13.29	10,740	1,392.21	12.96	2,972,439	38,970,363.32	13.11
Sprayers (Power Operated)	-	-	-	-	-	-	-	-	-
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows.....	1,570	330.61	21.06	1,633	355.11	21.75	126,015	3,151,143.23	25.01
Animals Used for Ploughing									
Asses.....	281	127.93	45.46	318	142.26	44.78	138,934	6,323,723.04	45.52
Camels	-	-	-	-	-	-	-	-	-
Horses	-	-	-	-	-	-	-	-	-
Mules	-	-	-	-	-	-	-	-	-
Oxen	297,281	5,386.43	1.81	494,213	10,427.33	2.11	229,468,648	520,952,410.34	2.27
AnimalsUsed for Threshing or Transportation									
Asses.....	31,186	2,364.67	7.58	34,458	2,853.26	8.28	9,008,300	79,041,869.49	8.77
Camels	-	-	-	-	-	-	-	-	-
Cattle.....	299,504	5,558.04	1.86	606,529	22,371.18	3.69	259,585,954	676,818,294.06	2.61
Horses	37,821	3,425.84	9.06	44,232	4,126.37	9.33	15,424,762	142,313,340.47	9.23
Mules	21,831	1,444.77	6.62	22,398	1,489.79	6.65	17,281,269	122,253,005.72	7.07
Storage Structure									
'Debignits'	16,725	3,170.17	18.95	27,956	5,857.79	20.95	187,778	4,485,201.67	23.89
'Gotteras'	333,136	6,732.16	2.02	590,897	15,659.66	2.65	10,964,388	37,058,445.23	3.38
'Gudguads'	82,558	7,834.46	9.49	125,293	13,801.18	11.02	433,081	6,455,725.14	14.91
Modern Storages	3,450	673.38	19.52	5,512	1,316.54	23.89	*	*	*

ANNEX TABLE 8.6:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, West Shewa 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	433,901	3,689.35	0.85	760,372	11,224.01	1.48	5,460,839	10,218,072.97	1.87
'Gejeras'	83,537	3,712.16	4.44	90,677	4,217.93	4.65	846,290	4,424,144.30	5.23
Shovels	105,529	2,610.96	2.47	108,168	2,735.84	2.53	1,281,175	3,804,239.81	2.97
Used for Cultivation									
Hoes	194,827	5,876.54	3.02	273,275	10,138.41	3.71	2,275,229	8,893,034.01	3.91
'Meakeshas'	66,183	5,246.29	7.93	103,049	9,470.78	9.19	345,362	2,818,917.57	8.16
Pick Axes	100,018	4,152.34	4.15	131,396	6,723.61	5.12	1,185,684	5,442,746.21	4.59
Tractors	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	366,002	4,055.08	1.11	723,338	15,220.33	2.10	1,463,880	3,522,210.93	2.41
'Erfes' (Handle)	364,204	4,071.16	1.12	552,762	8,732.30	1.58	1,127,860	2,949,065.58	2.61
Plough-Beams	367,571	4,096.62	1.11	526,182	7,532.14	1.43	5,359,157	13,985,304.57	2.61
Plough -Tips (Metal)	367,450	4,142.09	1.13	458,170	6,214.79	1.36	5,530,309	9,345,982.88	1.69
'Wegel' -Tips	366,341	4,127.92	1.13	449,122	6,182.44	1.38	2,037,988	3,587,143.63	1.76
Yokes	366,701	4,100.53	1.12	452,864	6,084.57	1.34	3,385,144	6,196,323.48	1.83
Used for Harvesting									
Sickles	450,129	3,655.78	0.81	839,782	11,117.15	1.32	6,231,988	11,533,402.71	1.85
Used for Threshing									
Hay-Forks (Metal)	20,595	1,352.95	6.57	26,053	1,928.29	7.40	357,903	2,794,739.02	7.81
Hay-Forks (Wood)	268,799	4,777.27	1.78	476,550	11,125.87	2.33	1,407,167	3,769,725.99	2.68
Threshing Sticks	30,129	3,465.68	11.50	49,614	6,770.06	13.65	140,219	2,188,680.53	15.61
Winnowers (Metal)	1,297	229.79	17.72	1,440	260.71	18.10	12,031	243,373.88	20.23
Winnowers (Wood)	188,975	3,875.54	2.05	214,727	4,723.40	2.20	1,654,537	4,022,135.00	2.43
Other Farm Equipment									
Carts (Hauling)	2,274	474.62	20.87	2,587	571.51	22.09	757,367	15,714,754.02	20.75
Sprayers (Hand Operated)	9,958	945.38	9.49	10,122	951.67	9.40	3,059,290	25,683,869.17	8.40
Sprayers (Power Operated)	-	-	-	-	-	-	-	-	-
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows	968	211.76	21.87	1,064	239.09	22.47	98,663	3,064,807.00	31.06
Animals Used for Ploughing									
Asses	433	112.74	26.05	735	227.52	30.94	375,348	12,783,487.19	34.06
Camels	-	-	-	-	-	-	-	-	-
Horses	*	*	*	*	*	*	*	*	*
Mules	-	-	-	-	-	-	-	-	-
Oxen	345,447	4,316.58	1.25	689,341	11,185.41	1.62	419,131,913	714,069,069.91	1.70
Animals Used for Threshing or Transportation									
Asses	123,802	3,565.16	2.88	155,433	4,778.70	3.07	35,763,284	115,653,553.78	3.23
Camels	-	-	-	-	-	-	-	-	-
Cattle	346,984	4,643.45	1.34	977,835	25,124.72	2.57	508,170,099	1,132,847,840.60	2.23
Horses	72,601	3,705.94	5.10	101,739	6,031.75	5.93	38,218,628	234,079,072.21	6.12
Mules	8,842	686.08	7.76	8,997	723.78	8.05	9,091,284	78,862,008.88	8.67
Storage Structure									
'Debignits'	203,523	5,646.99	2.77	383,490	12,017.61	3.13	3,772,523	14,467,531.39	3.83
'Gotteras'	261,549	5,655.27	2.16	475,574	13,508.70	2.84	6,852,608	34,918,216.33	5.10
'Gudguads'	34,392	3,792.63	11.03	54,574	6,535.58	11.98	184,674	2,366,923.99	12.82
Modern Storages	1,489	247.85	16.65	2,487	448.56	18.04	490,607	17,620,175.68	35.92

ANNEX TABLE 8.7:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, North Shewa 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.....	201,220	2,422.40	1.20	323,239	5,383.10	1.67	2,101,107	4,695,363.48	2.23
'Gejeras'	1,999	328.61	16.44	2,239	361.46	16.15	23,182	429,302.07	18.52
Shovels	45,085	1,651.89	3.66	46,344	1,720.18	3.71	498,435	2,035,106.70	4.08
Used for Cultivation									
Hoes.....	29,256	2,162.90	7.39	34,747	3,075.35	8.85	248,018	1,772,748.80	7.15
'Mekeskeshas'	8,349	1,071.24	12.83	10,283	1,492.11	14.51	45,654	608,903.33	13.34
Pick Axes.....	95,859	4,060.61	4.24	135,371	7,404.52	5.47	903,878	3,682,262.61	4.07
Tractors.....	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	187,334	2,349.04	1.25	405,736	8,747.92	2.16	930,731	2,181,518.22	2.34
'Erfes' (Handle)	187,444	2,332.58	1.24	313,266	5,871.34	1.87	585,763	1,551,164.29	2.65
Plough-Beams.	188,777	2,356.32	1.25	330,055	6,144.07	1.86	2,680,765	8,411,480.59	3.14
Plough -Tips (Metal)	188,651	2,336.00	1.24	233,585	3,303.61	1.41	4,526,573	7,523,378.74	1.66
'Wegel' -Tips.....	188,291	2,332.13	1.24	228,996	3,216.67	1.40	1,285,551	2,095,149.05	1.63
Yokes.....	188,716	2,305.58	1.22	242,238	3,469.59	1.43	1,802,597	3,724,193.88	2.07
Used for Harvesting									
Sickles.....	222,014	2,298.70	1.04	460,630	6,128.38	1.33	3,618,389	7,968,627.86	2.20
Used for Threshing									
Hay-Forks (Metal)	11,672	1,346.62	11.54	14,337	1,781.11	12.42	224,509	2,981,136.09	13.28
Hay-Forks (Wood)	138,152	2,489.51	1.80	199,862	4,252.57	2.13	1,008,809	3,354,974.89	3.33
Threshing Sticks.....	15,251	2,548.28	16.71	34,222	6,704.39	19.59	54,634	839,386.87	15.36
Winnowers (Metal)	773	177.24	22.92	857	196.91	22.98	11,141	352,409.82	31.63
Winnowers (Wood)	96,633	2,223.77	2.30	111,670	2,797.28	2.50	1,165,843	3,285,182.84	2.82
Other Farm Equipment									
Carts (Hauling)	204	94.33	46.14	262	128.05	48.96	*	*	*
Sprayers (Hand Operated)	2,574	491.74	19.11	3,051	535.00	17.54	576,480	18,268,132.52	31.69
Sprayers (Power Operated)	-	-	-	-	-	-	-	-	-
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows.....	146	64.09	43.84	146	64.09	43.84	*	*	*
Animals Used for Ploughing									
Asses.....	254	76.44	30.14	436	136.39	31.31	261,977	9,132,179.49	34.86
Camels	-	-	-	-	-	-	-	-	-
Horses	-	-	-	-	-	-	-	-	-
Mules	-	-	-	-	-	-	-	-	-
Oxen	175,353	2,145.68	1.22	362,848	5,495.90	1.51	252,824,609	452,592,932.11	1.79
AnimalsUsed for Threshing or Transportation									
Asses.....	89,850	2,116.32	2.36	113,351	2,982.71	2.63	22,787,008	71,722,782.62	3.15
Camels	-	-	-	-	-	-	-	-	-
Cattle.....	185,442	2,297.42	1.24	588,620	13,350.18	2.27	347,156,465	759,112,018.83	2.19
Horses	19,832	1,668.52	8.41	24,871	2,267.23	9.12	10,485,389	104,857,106.97	10.00
Mules	1,917	288.31	15.04	2,016	308.09	15.28	1,889,859	30,510,226.48	16.14
Storage Structure									
'Debignits'	140,951	3,308.75	2.35	327,209	9,359.62	2.86	1,940,154	9,014,788.45	4.65
'Gotteras'	128,970	3,295.32	2.56	222,559	7,392.20	3.32	5,042,365	25,883,667.95	5.13
'Gudguads'	5,280	1,361.97	25.79	5,832	1,524.87	26.15	117,626	3,192,700.57	27.14
Modern Storages	731	158.67	21.70	1,107	279.89	25.29	69,644	2,315,928.88	33.25

ANNEX TABLE 8.8:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, East Shewa 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	240,927	4,002.95	1.66	411,591	10,074.78	2.45	3,069,800	10,379,182.21	3.38
'Gejeras'	44,383	2,370.75	5.34	46,433	2,458.49	5.29	706,539	4,064,604.62	5.75
Shovels	64,729	2,179.21	3.37	68,462	2,344.84	3.43	857,474	3,485,999.20	4.07
Used for Cultivation									
Hoes	69,424	4,201.43	6.05	84,626	6,453.24	7.63	535,273	4,784,498.08	8.94
'Mekeskeshas'	3,492	754.54	21.61	4,369	988.57	22.63	31,363	639,794.17	20.40
Pick Axes.....	58,064	3,549.18	6.11	74,502	5,483.17	7.36	822,324	5,223,564.50	6.35
Tractors.....	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	231,462	3,684.10	1.59	423,458	11,467.17	2.71	1,522,523	4,146,473.37	2.72
'Erfes' (Handle)	227,724	3,606.30	1.58	332,492	6,720.15	2.02	816,066	2,322,844.68	2.85
Plough-Beams.	233,933	3,603.43	1.54	326,978	5,844.23	1.79	5,067,246	12,387,554.04	2.44
Plough -Tips (Metal)	232,254	3,676.54	1.58	295,881	5,498.56	1.86	3,674,021	8,416,025.11	2.29
'Wegel' -Tips.....	229,990	3,749.00	1.63	291,569	5,209.07	1.79	1,103,265	2,437,783.91	2.21
Yokes	233,768	3,630.45	1.55	296,220	5,111.05	1.73	2,964,008	7,190,984.10	2.43
Used for Harvesting									
Sickles.....	214,232	3,756.14	1.75	298,381	6,105.21	2.05	3,603,415	9,340,010.12	2.59
Used for Threshing									
Hay-Forks (Metal)	79,955	2,635.20	3.30	103,934	3,963.53	3.81	1,676,873	7,122,486.80	4.25
Hay-Forks (Wood)	50,271	3,112.76	6.19	74,265	5,360.56	7.22	401,449	2,668,665.64	6.65
Threshing Sticks	23,495	3,249.34	13.83	42,118	6,607.31	15.69	100,949	1,786,717.65	17.70
Winnowers (Metal)	914	229.19	25.08	932	231.91	24.88	14,834	436,437.88	29.42
Winnowers (Wood)	87,286	2,832.14	3.24	100,425	3,451.88	3.44	1,173,224	4,332,840.12	3.69
Other Farm Equipment									
Carts (Hauling)	11,418	1,046.90	9.17	11,971	1,107.14	9.25	4,408,206	60,507,319.64	13.73
Sprayers (Hand Operated)	7,074	653.20	9.23	7,134	658.86	9.24	2,395,544	23,390,847.49	9.76
Sprayers (Power Operated)	-	-	-	-	-	-	-	-	-
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows.....	3,378	652.07	19.30	3,452	681.37	19.74	419,748	8,987,275.39	21.41
Animals Used for Ploughing									
Asses.....	*	*	*	*	*	*	315,484	15,391,920.86	48.79
Camels	-	-	-	-	-	-	-	-	-
Horses	*	*	*	*	*	*	*	*	*
Mules	-	-	-	-	-	-	-	-	-
Oxen	200,041	3,497.24	1.75	402,846	8,063.47	2.00	278,402,921	672,032,259.09	2.41
AnimalsUsed for Threshing or Transportation									
Asses.....	143,594	3,828.57	2.67	198,278	5,617.23	2.83	54,391,742	163,993,203.66	3.02
Camels	1,434	320.11	22.32	2,284	540.78	23.68	2,761,968	97,010,535.15	35.12
Cattle.....	199,508	3,623.71	1.82	490,939	11,614.15	2.37	311,469,384	758,512,311.41	2.44
Horses	10,799	1,563.54	14.48	14,329	2,550.61	17.80	6,721,526	114,143,985.15	16.98
Mules	4,490	585.13	13.03	4,562	597.13	13.09	5,654,615	79,251,417.35	14.02
Storage Structure									
'Debignits'	41,116	3,280.51	7.98	74,804	5,978.55	7.99	578,943	7,489,041.50	12.94
'Gotteras'	152,053	5,504.53	3.62	243,175	10,129.64	4.17	8,361,445	48,056,107.02	5.75
'Gudguads'	1,373	626.53	45.64	1,521	680.65	44.75	*	*	*
Modern Storages	994	235.56	23.69	1,218	296.27	24.33	596,075	29,771,131.17	49.95

ANNEX TABLE 8.9:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, Arsi 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	389,736	4,357.72	1.12	669,093	10,324.25	1.54	6,854,842	14,391,250.54	2.10
'Gejeras'	78,324	3,991.72	5.10	83,465	4,287.76	5.14	1,315,384	7,445,815.46	5.66
Shovels	109,708	2,927.27	2.67	121,036	3,631.33	3.00	1,748,564	5,989,848.54	3.43
Used for Cultivation									
Hoes	129,934	3,935.55	3.03	146,161	5,670.11	3.88	1,421,508	5,372,520.61	3.78
'Mekeskeshas'	3,447	1,233.64	35.79	3,561	1,278.07	35.89	61,869	1,768,060.86	28.58
Pick Axes.....	157,861	4,979.78	3.15	251,487	11,861.02	4.72	1,623,259	8,271,443.72	5.10
Tractors.....	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	377,086	4,133.04	1.10	645,024	11,541.21	1.79	1,660,749	3,111,818.53	1.87
'Erfes' (Handle)	371,964	4,244.53	1.14	561,403	8,607.12	1.53	778,479	1,693,101.67	2.17
Plough-Beams	379,097	4,119.93	1.09	611,610	8,252.98	1.35	5,835,335	11,373,617.38	1.95
Plough -Tips (Metal)	377,121	4,089.49	1.08	472,365	7,865.65	1.67	6,163,348	11,943,719.27	1.94
'Wegel' -Tips.....	377,042	4,087.54	1.08	461,520	5,834.21	1.26	2,059,827	3,616,067.55	1.76
Yokes.....	377,234	4,093.40	1.09	468,738	5,791.28	1.24	3,946,589	7,328,872.35	1.86
Used for Harvesting									
Sickles.....	407,590	4,308.74	1.06	573,916	7,213.21	1.26	7,810,860	12,792,915.12	1.64
Used for Threshing									
Hay-Forks (Metal)	166,791	3,821.62	2.29	200,712	4,940.00	2.46	3,140,492	8,808,061.76	2.80
Hay-Forks (Wood)	156,295	3,603.17	2.31	221,353	6,295.61	2.84	1,033,120	3,345,138.89	3.24
Threshing Sticks.....	35,756	3,701.11	10.35	61,601	6,677.01	10.84	93,183	1,204,596.72	12.93
Winnowers (Metal)	1,335	245.57	18.39	1,444	277.16	19.19	14,087	301,884.86	21.43
Winnowers (Wood)	231,749	3,571.53	1.54	252,307	4,160.16	1.65	2,225,894	4,444,397.67	2.00
Other Farm Equipment									
Carts (Hauling)	14,723	1,808.35	12.28	16,979	2,337.88	13.77	1,236,247	21,469,067.48	17.37
Sprayers (Hand Operated)	9,272	878.42	9.47	9,893	986.54	9.97	3,169,568	43,847,254.41	13.83
Sprayers (Power Operated)	-	-	-	-	-	-	-	-	-
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows.....	1,467	321.17	21.89	1,467	321.17	21.89	109,994	2,741,890.31	24.93
Animals Used for Ploughing									
Asses.....	1,004	251.80	25.07	1,507	396.06	26.28	738,359	23,133,428.75	31.33
Camels	-	-	-	-	-	-	-	-	-
Horses	*	*	*	*	*	*	*	*	*
Mules	-	-	-	-	-	-	-	-	-
Oxen	354,034	4,047.58	1.14	684,566	9,348.60	1.37	429,294,134	680,793,833.83	1.59
Animals Used for Threshing or Transportation									
Asses.....	164,438	3,806.92	2.32	206,094	5,421.47	2.63	52,865,254	151,122,114.18	2.86
Camels	*	*	*	*	*	*	*	*	*
Cattle.....	367,539	4,165.08	1.13	1,064,535	19,921.62	1.87	566,092,400	975,096,956.30	1.72
Horses	112,222	4,218.71	3.76	160,639	6,901.40	4.30	61,237,221	276,843,886.67	4.52
Mules	14,579	926.54	6.36	15,235	990.64	6.50	13,951,154	92,847,260.97	6.66
Storage Structure									
'Debignits'	213,387	5,519.58	2.59	521,088	16,581.71	3.18	2,441,885	10,312,028.09	4.22
'Gotteras'	280,957	4,940.18	1.76	454,386	9,900.65	2.18	12,238,221	41,807,739.08	3.42
'Gudguads'	62,270	4,162.18	6.68	70,213	4,571.64	6.51	1,362,925	9,996,473.24	7.33
Modern Storages	1,818	305.97	16.83	2,241	396.07	17.68	3,186,321	98,578,344.76	30.94

Reported and Total Value, for Private Holdings, West Harerge Zone

Implements, Equipment, Farm animals and Storage facilities				Number of Implements, Equipment, Farm animals and Storages			Total Value		
	Number of Holders			Reported	S.E	C.V	(Birr)	S.E	C.V
	Reporting	S.E	C.V						
Used for Clearing Land									
Axes.....	200,946	4,731.13	2.35	264,047	7,142.56	2.71	3,825,324	12,839,542.07	3.36
'Gejeras'	17,957	2,776.71	15.46	19,589	3,097.57	15.81	420,340	7,071,930.17	16.82
Shovels	250,638	4,252.60	1.70	315,778	7,724.85	2.45	4,447,693	16,962,142.53	3.81
Used for Cultivation									
Hoes.....	213,559	4,392.00	2.06	245,700	5,783.22	2.35	5,025,490	15,530,585.71	3.09
'Mekeskeshas'	4,256	1,054.14	24.77	4,972	1,369.92	27.55	56,976	1,508,724.04	26.48
Pick Axes.....	9,703	1,207.44	12.44	11,319	1,459.93	12.90	148,203	1,965,579.26	13.26
Tractors.....	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	175,165	4,937.75	2.82	265,053	10,276.88	3.88	1,086,361	5,243,359.74	4.83
'Erfes' (Handle)	172,874	5,033.12	2.91	215,555	11,268.50	5.23	617,808	4,288,344.84	6.94
Plough-Beams.	177,295	5,066.12	2.86	196,309	6,117.63	3.12	4,531,870	18,076,703.99	3.99
Plough -Tips (Metal)	176,041	4,959.87	2.82	189,876	6,048.78	3.19	3,749,627	13,344,575.53	3.56
'Wegel' -Tips.....	175,645	4,915.27	2.80	189,995	5,895.28	3.10	1,127,788	4,400,728.43	3.90
Yokes.....	177,054	5,052.68	2.85	189,191	5,955.36	3.15	2,474,996	9,772,714.28	3.95
Used for Harvesting									
Sickles.....	209,702	4,813.37	2.30	230,890	5,546.55	2.40	4,010,903	11,064,991.00	2.76
Used for Threshing									
Hay-Forks (Metal)	4,415	861.74	19.52	4,701	894.50	19.03	81,511	2,152,148.77	26.40
Hay-Forks (Wood)	118,199	4,010.64	3.39	139,844	5,463.55	3.91	836,453	4,558,148.88	5.45
Threshing Sticks.....	116,925	6,847.78	5.86	229,810	16,085.66	7.00	441,892	2,838,190.61	6.42
Winnowers (Metal)	928	232.91	25.10	1,141	367.03	32.18	9,808	264,432.14	26.96
Winnowers (Wood)	107,280	3,421.59	3.19	116,313	4,145.83	3.56	1,157,968	5,731,617.98	4.95
Other Farm Equipment									
Carts (Hauling)	431	204.55	47.50	*	*	*	7,832	384,037.68	49.04
Sprayers (Hand Operated)	1,862	340.58	18.29	1,862	340.58	18.29	498,469	15,465,206.72	31.03
Sprayers (Power Operated)	-	-	-	-	-	-	-	-	-
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows.....	1,986	382.91	19.28	2,052	394.54	19.23	367,308	7,536,783.26	20.52
Animals Used for Ploughing									
Asses.....	478	174.04	36.41	507	184.47	36.39	230,708	8,407,607.93	36.44
Camels.....	-	-	-	-	-	-	-	-	-
Horses.....	-	-	-	-	-	-	-	-	-
Mules	-	-	-	-	-	-	-	-	-
Oxen	168,373	4,855.78	2.88	306,643	43,056.28	14.04	193,953,925	641,684,913.31	3.31
AnimalsUsed for Threshing or Transportation									
Asses.....	88,677	3,729.37	4.21	99,381	4,315.17	4.34	30,187,801	135,247,131.42	4.48
Camels	1,782	388.79	21.82	3,423	814.53	23.79	3,392,058	79,549,453.64	23.45
Cattle.....	180,611	5,114.33	2.83	334,197	11,893.65	3.56	224,771,315	782,404,052.69	3.48
Horses.....	656	185.08	28.23	656	185.08	28.23	347,330	10,834,093.64	31.19
Mules	1,559	279.42	17.92	1,658	295.68	17.83	1,775,281	32,752,772.76	18.45
Storage Structure									
'Debignits'	64,687	3,924.37	6.07	85,436	5,449.47	6.38	690,961	5,063,235.83	7.33
'Gotteras'	75,377	4,378.52	5.81	88,731	5,786.08	6.52	1,900,467	16,675,302.22	8.77
'Gudguads'	239,616	5,177.45	2.16	262,393	6,177.45	2.35	8,648,532	37,673,460.95	4.36
Modern Storages	*	*	*	*	*	*	*	*	*

ANNEX TABLE 8.11:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, East Harerge 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	280,925	4,952.85	1.76	388,139	7,845.42	2.02	3,618,594	9,000,504.08	2.49
'Gejeras'	4,996	1,126.36	22.55	5,405	1,202.95	22.25	86,749	2,228,654.05	25.69
Shovels	340,611	4,389.73	1.29	421,275	6,712.82	1.59	3,636,924	9,721,520.81	2.67
Used for Cultivation									
Hoes	297,652	5,151.58	1.73	363,468	7,512.46	2.07	4,907,137	14,416,699.52	2.94
'Mekeskeshas'	7,538	2,674.87	35.48	8,482	2,870.28	33.84	28,435	793,900.88	27.92
Pick Axes.....	9,082	1,948.89	21.46	9,942	2,040.83	20.53	97,840	2,129,669.14	21.77
Tractors.....	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	117,656	4,318.52	3.67	203,706	8,707.18	4.27	564,057	2,479,135.13	4.40
'Erfes' (Handle)	114,105	4,286.69	3.76	126,972	5,084.48	4.00	285,132	1,259,908.51	4.42
Plough-Beams.	121,931	4,411.54	3.62	128,234	4,702.09	3.67	1,450,731	5,914,500.74	4.08
Plough -Tips (Metal)	144,659	5,445.13	3.76	155,307	6,006.90	3.87	2,260,757	9,815,858.91	4.34
'Wegel' -Tips.....	116,133	4,321.80	3.72	122,547	4,765.36	3.89	612,117	2,567,615.16	4.19
Yokes	120,673	4,400.36	3.65	125,158	4,626.39	3.70	1,047,297	4,447,386.17	4.25
Used for Harvesting									
Sickles.....	216,499	5,609.08	2.59	233,994	6,353.07	2.72	2,503,744	8,712,007.79	3.48
Used for Threshing									
Hay-Forks (Metal)	4,138	652.84	15.78	4,293	663.32	15.45	33,497	658,277.85	19.65
Hay-Forks (Wood)	98,320	4,435.50	4.51	108,116	4,961.89	4.59	383,132	2,031,956.74	5.30
Threshing Sticks.....	140,770	6,106.08	4.34	219,663	11,822.48	5.38	477,867	2,608,167.64	5.46
Winnowers (Metal)	1,210	256.91	21.23	1,336	282.69	21.15	10,662	294,095.76	27.58
Winnowers (Wood)	87,873	4,112.68	4.68	95,304	4,467.14	4.69	584,543	3,095,176.04	5.30
Other Farm Equipment									
Carts (Hauling)	777	196.87	25.35	964	254.86	26.44	*	*	*
Sprayers (Hand Operated)	2,575	504.78	19.60	2,658	538.55	20.26	261,660	7,457,395.96	28.50
Sprayers (Power Operated)	-	-	-	-	-	-	-	-	-
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows.....	1,774	386.77	21.80	1,817	391.59	21.55	233,598	5,859,483.08	25.08
Animals Used for Ploughing									
Asses.....	599	231.29	38.64	652	246.46	37.82	231,541	9,400,372.16	40.60
Camels	-	-	-	-	-	-	-	-	-
Horses	-	-	-	-	-	-	-	-	-
Mules	-	-	-	-	-	-	-	-	-
Oxen	141,655	4,580.63	3.23	188,728	6,585.47	3.49	114,984,153	418,309,156.07	3.64
AnimalsUsed for Threshing or Transportation									
Asses.....	96,731	3,571.01	3.69	104,563	4,012.27	3.84	27,531,304	108,629,067.70	3.95
Camels	705	181.35	25.73	1,090	320.14	29.37	1,002,873	28,884,213.01	28.80
Cattle.....	145,961	4,671.77	3.20	201,321	7,241.89	3.60	119,588,854	435,976,153.25	3.65
Horses	2,907	702.20	24.15	3,025	711.83	23.53	980,557	25,463,043.78	25.97
Mules	656	203.89	31.08	708	220.71	31.19	561,776	20,330,013.14	36.19
Storage Structure									
'Debignits'	59,931	3,959.76	6.61	85,754	6,942.87	8.10	534,605	4,073,819.47	7.62
'Gotteras'	45,980	4,195.37	9.12	48,957	4,537.60	9.27	1,471,111	17,577,944.00	11.95
'Gudguads'	223,708	6,828.88	3.05	233,430	7,384.89	3.16	5,948,288	25,182,124.56	4.23
Modern Storages	126	61.32	48.69	126	61.32	48.69	*	*	*

ANNEX TABLE 8.12:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, Bale 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	187,996	2,976.76	1.58	262,036	5,791.90	2.21	2,481,997	6,418,391.48	2.59
'Gejeras'	129,713	3,192.07	2.46	146,824	3,763.14	2.56	1,866,032	5,555,283.32	2.98
Shovels	55,446	1,974.24	3.56	61,127	2,327.28	3.81	746,660	3,947,182.43	5.29
Used for Cultivation									
Hoes	77,222	2,396.31	3.10	86,043	3,061.01	3.56	636,606	2,499,268.13	3.93
'Mekeskeshas'	8,660	1,135.34	13.11	9,871	1,335.27	13.53	79,671	1,321,946.99	16.59
Pick Axes.....	44,784	2,350.11	5.25	61,644	3,700.81	6.00	374,584	2,145,006.51	5.73
Tractors.....	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	172,432	2,783.97	1.61	277,356	6,012.53	2.17	717,984	2,341,664.16	3.26
'Erfes' (Handle)	169,034	2,715.64	1.61	244,319	4,953.63	2.03	365,526	1,109,388.86	3.04
Plough-Beams.	172,712	2,802.77	1.62	256,510	5,070.79	1.98	2,375,692	7,166,568.38	3.02
Plough -Tips (Metal)	169,255	2,740.87	1.62	208,064	3,862.47	1.86	3,061,048	8,003,705.74	2.61
'Wegel' -Tips.....	170,334	2,753.55	1.62	205,817	4,089.02	1.99	835,149	1,755,665.77	2.10
Yokes	172,594	2,751.73	1.59	209,062	3,716.04	1.78	1,420,070	3,470,941.19	2.44
Used for Harvesting									
Sickles.....	193,360	2,778.80	1.44	257,839	4,242.01	1.65	3,116,405	7,092,819.27	2.28
Used for Threshing									
Hay-Forks (Metal)	27,943	1,527.02	5.46	32,277	1,888.05	5.85	446,140	2,717,266.08	6.09
Hay-Forks (Wood)	83,652	2,234.21	2.67	104,949	3,082.13	2.94	417,495	1,376,623.89	3.30
Threshing Sticks	34,519	2,190.34	6.35	51,782	4,009.59	7.74	58,797	539,702.58	9.18
Winnowers (Metal)	601	163.43	27.18	639	171.57	26.85	3,518	95,447.88	27.13
Winnowers (Wood)	70,693	1,817.77	2.57	75,232	2,055.41	2.73	515,971	1,817,841.74	3.52
Other Farm Equipment									
Carts (Hauling)	3,802	895.76	23.56	4,375	1,055.12	24.12	260,690	9,740,543.24	37.36
Sprayers (Hand Operated)	4,548	463.63	10.19	4,724	480.26	10.17	1,294,342	15,387,522.66	11.89
Sprayers (Power Operated)	-	-	-	-	-	-	-	-	-
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows.....	399	103.12	25.83	428	113.80	26.60	14,663	469,930.53	32.05
Animals Used for Ploughing									
Asses.....	460	147.34	32.02	565	171.15	30.30	432,692	18,565,750.72	42.91
Camels	*	*	*	*	*	*	*	*	*
Horses	-	-	-	-	-	-	-	-	-
Mules	-	-	-	-	-	-	-	-	-
Oxen	154,639	2,582.91	1.67	302,337	5,985.00	1.98	151,191,018	325,296,102.01	2.15
AnimalsUsed for Threshing or Transportation									
Asses.....	87,760	2,241.15	2.55	110,640	3,098.72	2.80	29,115,638	85,785,584.30	2.95
Camels	3,433	365.17	10.64	3,961	440.24	11.11	2,758,559	30,633,977.53	11.11
Cattle.....	156,351	2,635.80	1.69	366,854	8,610.40	2.35	172,440,396	403,260,284.72	2.34
Horses	37,265	1,994.22	5.35	53,954	3,311.15	6.14	19,837,173	117,162,405.95	5.91
Mules	9,964	681.97	6.84	10,285	694.86	6.76	9,027,297	76,182,588.91	8.44
Storage Structure									
'Debignits'	34,697	1,751.83	5.05	73,251	4,217.89	5.76	319,036	2,021,407.31	6.34
'Gotteras'	119,154	3,090.30	2.59	188,559	6,303.27	3.34	3,430,423	15,759,901.64	4.59
'Gudguads'	20,908	1,881.61	9.00	24,695	2,653.71	10.75	119,018	1,564,740.67	13.15
Modern Storages	539	105.67	19.62	672	171.38	25.52	*	*	*

ANNEX TABLE 8.13:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, Borena 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	208,098	6,535.80	3.14	270,062	9,468.16	3.51	2,588,848	11,289,265.51	4.36
'Gejeras'	193,443	9,230.86	4.77	322,714	18,896.85	5.86	2,925,680	15,380,166.28	5.26
Shovels	66,541	3,972.22	5.97	73,413	5,236.90	7.13	873,618	6,125,886.62	7.01
Used for Cultivation									
Hoes	82,909	8,974.92	10.83	116,876	15,413.72	13.19	1,054,016	13,886,973.69	13.18
'Mekeskeshas'	5,523	1,627.88	29.48	8,721	3,329.75	38.18	55,511	1,782,015.86	32.10
Pick Axes.....	115,814	9,510.70	8.21	154,054	13,060.29	8.48	1,448,632	10,661,416.77	7.36
Tractors.....	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'	96,565	5,462.96	5.66	171,761	14,722.26	8.57	421,496	2,589,549.47	6.14
'Erfes' (Handle)	95,060	5,327.29	5.60	129,324	9,505.91	7.35	220,140	1,448,632.91	6.58
Plough-Beams.	96,610	5,442.32	5.63	119,574	7,418.87	6.20	909,942	5,001,110.96	5.50
Plough -Tips (Metal)	96,750	5,552.74	5.74	115,191	7,285.87	6.33	2,011,200	13,588,806.50	6.76
'Wegel' -Tips.....	97,206	5,567.74	5.73	117,380	7,720.06	6.58	588,714	3,723,740.76	6.33
Yokes	96,977	5,512.70	5.68	117,986	7,365.58	6.24	735,166	4,451,515.33	6.06
Used for Harvesting									
Sickles.....	145,900	6,992.05	4.79	189,696	9,953.14	5.25	1,648,012	8,565,047.14	5.20
Used for Threshing									
Hay-Forks (Metal)	269	87.34	32.48	430	145.04	33.73	2,449	99,069.59	40.46
Hay-Forks (Wood)	14,539	1,496.67	10.29	30,661	3,642.93	11.88	68,056	844,280.75	12.41
Threshing Sticks.....	35,659	3,803.00	10.66	269,545	52,165.44	19.35	153,770	1,978,521.28	12.87
Winnowers (Metal)	*	*	*	*	*	*	*	*	*
Winnowers (Wood)	7,559	1,076.07	14.24	10,340	1,544.17	14.93	49,937	979,320.50	19.61
Other Farm Equipment									
Carts (Hauling)	*	*	*	*	*	*	*	*	*
Sprayers (Hand Operated)	1,443	303.53	21.04	1,773	404.37	22.80	*	*	*
Sprayers (Power Operated)	-	-	-	-	-	-	-	-	-
Tying Tools	-	-	-	-	-	-	-	-	-
Wheelbarrows.....	1,028	361.49	35.16	1,042	362.57	34.78	60,786	2,680,053.94	44.09
Animals Used for Ploughing									
Asses.....	*	*	*	*	*	*	*	*	*
Camels	*	*	*	*	*	*	*	*	*
Horses	-	-	-	-	-	-	-	-	-
Mules	-	-	-	-	-	-	-	-	-
Oxen	89,608	5,344.45	5.96	182,580	12,161.67	6.66	100,496,703	729,186,192.79	7.26
AnimalsUsed for Threshing or Transportation									
Asses.....	40,465	3,622.58	8.95	53,275	5,777.28	10.84	18,387,324	222,492,123.70	12.10
Camels	3,964	456.36	11.51	5,644	718.57	12.73	4,577,669	56,564,533.37	12.36
Cattle.....	84,635	5,337.38	6.31	204,792	18,830.10	9.19	108,114,760	940,674,004.15	8.70
Horses	45,239	5,326.16	11.77	64,535	7,295.38	11.30	23,354,265	253,096,469.07	10.84
Mules	7,299	883.84	12.11	7,651	917.15	11.99	6,582,756	82,343,493.36	12.51
Storage Structure									
'Debignits'	*	*	*	*	*	*	89,843	3,691,643.64	41.09
'Gotteras'	97,171	6,255.03	6.44	110,372	7,013.56	6.35	4,787,166	33,683,280.92	7.04
'Gudguads'	5,425	1,784.93	32.90	6,355	1,956.91	30.79	58,510	2,019,469.53	34.51
Modern Storages	1,590	444.98	27.99	1,710	466.56	27.29	*	*	*

