

## **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 can also be crippled by small land size holdings, abundant labour in rural Area. and non-availability of adequate access to modern farm implements, 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 assessments, evaluation and formulation of programmes and policies in the sector. 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 were not collected in Ethiopia and much is not known about the status and growth of these implements. Thus, in the Ethiopian agricultural census conducted in 2001/2002, data was collected on farm implements and other farm equipment. These farm implements include, implements used for clearing land, cultivation, harvesting, threshing and others.

In this census draught animals comprises animals engaged specifically in ploughing, threshing and farm transport facilities. Replacement value was one of the variables covered by this census. Replacement value is the amount it would cost to replace farm implement, equipment, draught animal and storage facilities with those that are similar in terms of origin, age, quality or condition.

In this chapter the classification of farm implements, farm equipment, draught animals and storage facilities are presented in Section 2. Brief discussions of data on Summary Tables VIII.1 to VIII.3 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 Tables 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 Implements 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) Tine 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 meter high and 0.5-metres 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 (straw). 'Gottera' is usually about 1-3 metres high and about 1 metre wide.

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

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

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

The type, quality and quantity of tools and implements in use usually indicate the level of farming practice and agricultural development of a country. Hence, the results of this census can give us some highlights to evaluate the farming system in 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 other Chapter

### **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 shovel while 'Gejera' (Chopper) was the lowest. In Amhara Region it is estimated that there were about 2,989,354 crop holders in rural areas of which about 2,549,099 (84.21%) reported to own axes, about 15.54% reporting shovel, and 5.63 reporting 'Gejera'. 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 shovels. The expected duration of service of an axe,'Gejera' and shovel was estimated to be 9 years each.

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, traditional plough and rarely tractors. Among these farm implements and tools pick-axe was the highest in terms of number of holders reporting, total number of implements reported and total value. The second highest was hoe while 'Mekeskesha' was the lowest. The data in Summary Table VIII.4 revealed that the percentage distribution of the Number of Crop Holders that Owned one, two, three, four and five and above pick- axes was 26.12%, 8.62%, 2.14%, 0.56% and 0.3% respectively. It is also shown that sickle is reported as the only harvesting tool. For details, see Summary Table VIII.1.

### **3.2 Draught Animals**

Peasants in Ethiopia use domestic animals for draught purpose. In several parts of the country since most of the holdings are far from residence and as a result asses, horses, mules and camels are used to transport various types of goods and agricultural products from holding to residence and vice-versa. As it is indicated in Summary Table VIII.2 among the domestic animals that are used for ploughing, ox was the highest in terms of



number of holders reporting (2,122,013), number of oxen reported (3,769,055) and total value the oxen amounted to 2.1 billion Birr. About 2.2 million holders (74.94% of the total crop holders in rural areas in the region) reported 5,776,762 cattle (working age cattle) used for threshing and these cattle had a value of over 2.9 billion Birr and the average replacement value of a working age cattle was about 216.15 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 that owned implements, equipment and draught animals are shown in Summary Table VIII.4. In Amhara region the agricultural census result shows that there were about 2,989,354 crop holders in rural areas. Among these 31.9%, 33.29%, 3.8%, 1.65%, and 0.36% holders owned one, two, three, four, and five and above oxen. On the other hand about 29.01% 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 'Debignit' was reported by the highest number of holders. On the other hand, modern storage facilities we reported by insignificant number of holders. The total value of all reported storage facilities was assessed to be 78,157,204 Birr, of which 54.8% and 32.8% comprises of 'Debignit' and 'Gottera', respectively. The percentage distribution of the Number of Crop Holders that Owned 'Debignit' and 'Gottera' is 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.**

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 Per Holder			
Used for Clearing Land							
Axes.....	2,517,188	84.21	4,524,079	1.51	27,793,994	3.46	9
'Gejeras' (Choppers) .....	168,214	5.63	183,993	0.06	1,701,068	8.47	9
Shovels.....	464,678	15.54	493,115	0.16	4,253,731	8.19	9
Used for Cultivation							
Hoes.....	396,827	13.27	537,512	0.18	2,814,556	4.23	7
'Mekeskeshas' .....	87,567	2.93	134,105	0.04	706,148	3.76	6
Pick-Axes .....	1,127,777	37.73	1,614,266	0.54	9,070,464	4.16	7
Tractors .....	-	-	-	-	-	-	-
Parts for traditional Plough							
'Degers'.....	2,311,694	77.33	4,685,784	1.57	9,920,742	1.08	2
'Erfes' .....	2,297,082	76.84	3,935,134	1.32	6,415,309	0.96	2
Plough - Beams .....	2,329,211	77.92	4,030,791	1.35	27,983,262	4.27	4
Plough -Tips.....	2,283,412	76.38	2,628,066	0.88	48,590,555	16.03	8
'Wegel'-Tips .....	2,282,885	76.37	2,556,122	0.86	10,792,587	3.77	6
Yokes.....	2,294,919	76.77	2,788,608	0.93	16,174,215	4.85	6
Used for Harvesting							
Sickles .....	2,686,409	89.87	5,507,067	1.84	30,832,048	2.97	5
Used for Threshing							
Hay-Forks (metal).....	45,811	1.53	56,272	0.02	592,850	9.21	11
Hay-Forks (wood).....	1,802,766	60.31	3,124,631	1.05	10,472,226	1.97	5
Threshing Sticks.....	264,831	8.86	537,963	0.18	626,661	0.65	2
Winnowers (metal).....	8,363	0.28	10,171	0.00	73,906	6.07	9
Winnowers (wood).....	1,014,103	33.92	1,163,325	0.39	8,335,239	6.31	9
Other farm Equipment							
Carts.....	2,145	0.07	2,815	0.00	354,538	125.16	5
Sprayers (Hand operated)....	10,711	0.36	14,981	0.01	1,311,584	84.39	6
Sprayers(Power operated) ..	*	-	*	-	*	-	-
Tying Tools.....	*	-	*	-	*	*	*
Wheelbarrows.....	946	0.03	946	0.00	69,408	73.37	16

# Average 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 Per Holder			
Used for Ploughing							
Asses .....	20,736	0.69	26,095	0.01	10,085,830	301.51	8
Camels .....	*	-	*	-	*	*	*
Horses .....	59,714	2.00	85,860	0.03	30,118,066	244.95	8
Mules.....	3,729	0.12	4,096	0.00	3,038,525	676.91	10
Oxen .....	2,122,013	70.99	3,769,055	1.26	2,145,166,659	338.12	8
Used for Threshing or Transportation							
Asses .....	886,442	29.65	1,105,496	0.37	188,781,125	141.87	8
Camels .....	9,154	0.31	12,764	0.00	12,201,756	727.40	7
Cattle .....	2,240,133	74.94	5,776,762	1.93	2,996,251,337	216.15	8
Horses .....	165,919	5.55	232,426	0.08	75,913,894	250.95	8
Mules.....	60,896	2.04	65,567	0.02	52,741,268	757.95	10

# Average 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 Per Holder			
'Debignits' .....	2,202,125	73.67	6,107,517	2.04	42,857,551	2.42	4
'Gotteras' .....	1,030,710	34.48	1,970,926	0.66	25,645,365	6.89	8
'Gudguads' .....	324,494	10.85	414,314	0.14	8,873,563	17.55	10
Modern Storage Structures.....	5,208	0.17	10,119	0.00	780,725	63.15	17

# Average 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.....	472,143	15.79	1,131,142	37.84	966,695	32.34	306,744	10.26	80,707	2.70	31,923	1.07
'Gejera'.....	2,821,140	94.37	155,764	5.21	11,428	0.38	540	0.02	119	0.00	363	0.01
Shovel.....	2,524,653	84.45	440,133	14.72	22,116	0.74	1,795	0.06	220	0.01	437	0.01
Used for Cultivation												
Hoes.....	2,592,505	86.72	305,458	10.22	65,754	2.20	17,692	0.59	4,965	0.17	2,980	0.10
'Mekeskeshas'.....	2,901,787	97.07	54,303	1.82	23,687	0.79	6,773	0.23	2,132	0.07	672	0.02
Pick- Axes.....	1,861,554	62.27	780,685	26.12	257,540	8.62	64,113	2.14	16,620	0.56	8,842	0.30
Tractors.....	2,989,354	100.00	-	-	-	-	-	-	-	-	-	-
Parts for traditional Plough												
'Degers'.....	677,636	22.67	819,907	27.43	1,078,827	36.09	89,971	3.01	270,899	9.06	52,114	1.74
'Erfes' (Handle).....	692,144	23.15	1,175,981	39.34	831,605	27.82	195,032	6.52	67,703	2.26	26,889	0.90
Plough-Beam.....	660,120	22.08	1,075,000	35.96	931,619	31.16	237,458	7.94	63,646	2.13	21,511	0.72
Plough -Tips.....	705,920	23.61	1,963,653	65.69	303,518	10.15	13,255	0.44	1,898	0.06	1,110	0.04
'Wegel' -Tips.....	706,445	23.63	2,035,193	68.08	231,909	7.76	11,467	0.38	2,720	0.09	1,620	0.05
Yokes.....	694,412	23.23	1,845,378	61.73	418,122	13.99	23,469	0.79	6,517	0.22	1,456	0.05
Used for Harvesting												
Sickles.....	302,819	10.13	930,582	31.13	1,086,838	36.36	421,534	14.10	161,539	5.40	86,042	2.88
Used for Threshing												
Hay-Forks (Metal).....	2,943,543	98.47	37,631	1.26	6,917	0.23	764	0.03	364	0.01	135	0.00
Hay-Forks (Wood).....	1,186,462	39.69	898,018	30.04	630,648	21.10	186,040	6.22	59,456	1.99	28,730	0.96
Threshing Sticks.....	2,724,500	91.14	131,497	4.40	72,643	2.43	25,411	0.85	17,879	0.60	17,424	0.58
Winnowers (Metal).....	2,980,990	99.72	7,339	0.25	714	0.02	138	0.00	16	0.00	157	0.01
Winnowers (Wood).....	1,975,147	66.07	882,564	29.52	119,765	4.01	8,401	0.28	2,534	0.08	943	0.03
Other Farm Equipment												
Carts.....	2,987,208	99.93	1,642	0.05	381	0.01	80	0.00	43	0.00	-	-
Sprayers (Hand Operated).....	2,978,643	99.64	7,927	0.27	1,797	0.06	734	0.02	164	0.01	89	0.00
Sprayers (Power Operated).....	2,989,189	99.99	38	0.00	102	0.00	25	0.00	-	-	-	-
Tying Tools.....	2,989,234	100.00	120	0.00	-	-	-	-	-	-	-	-
Wheelbarrows.....	2,988,408	99.97	946	0.03	-	-	-	-	-	-	-	-
Animals Used for Ploughing												
Asses.....	2,968,619	99.31	16,078	0.54	4,206	0.14	352	0.01	74	0.00	25	0.00
Camels.....	2,989,260	100.00	57	0.00	37	0.00	-	-	-	-	-	-
Horses.....	2,929,640	98.00	37,878	1.27	18,675	0.62	2,391	0.08	629	0.02	141	0.00
Mules.....	2,985,625	99.88	3,387	0.11	317	0.01	25	0.00	-	-	-	-
Oxen.....	867,214	29.01	953,497	31.90	995,066	33.29	113,578	3.80	49,346	1.65	10,653	0.36
AnimalsUsed for Threshing or Transportation												
Asses.....	2,102,809	70.34	731,149	24.46	134,385	4.50	16,454	0.55	2,153	0.07	2,404	0.08
Camels.....	2,980,199	99.69	6,556	0.22	1,962	0.07	435	0.01	121	0.00	81	0.00
Cattle.....	749,094	25.06	685,033	22.92	785,388	26.27	353,875	11.84	213,732	7.15	202,232	6.77
Horses.....	2,823,436	94.45	123,645	4.14	34,270	1.15	6,615	0.22	1,036	0.03	352	0.01
Mules.....	2,928,459	97.96	57,089	1.91	3,598	0.12	72	0.00	27	0.00	109	0.00
Storage Structure												
'Debignits'.....	787,101	26.33	389,562	13.03	676,932	22.64	601,489	20.12	325,255	10.88	209,015	6.99
'Gotteras'.....	1,958,646	65.52	488,789	16.35	322,221	10.78	138,015	4.62	52,958	1.77	28,725	0.96
'Gudguads'.....	2,664,837	89.14	261,549	8.75	47,468	1.59	10,210	0.34	2,965	0.10	2,325	0.08
Modern Storages.....	2,984,146	99.83	2,609	0.09	1,176	0.04	931	0.03	187	0.01	305	0.01



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)
Amhara Region.....	2,989,354	2,517,188	4,524,079	1.51	27,793,994	3.46	9
North Gonder Zone .....	426,798	330,425	547,828	1.28	5,210,108	5.96	10
Addi Arkay .....	23,992	17,725	23,310	0.97	369,888	12.07	10
Beyeda .....	17,537	9,853	12,618	0.72	119,343	7.04	8
Janamora .....	29,184	16,634	21,957	0.75	239,610	8.35	9
Debark .....	21,492	14,454	19,524	0.91	272,878	10.41	11
Dabat .....	24,578	18,011	26,333	1.07	276,420	7.25	11
Sanja .....	24,523	22,784	35,111	1.43	782,901	15.14	8
Lay Armacheho .....	24,975	21,028	35,043	1.40	293,899	4.92	10
Wegera .....	37,057	27,073	46,491	1.25	277,400	3.81	13
Gondar Zuria .....	38,957	33,016	59,697	1.53	321,826	2.96	9
Dembia .....	41,272	28,519	42,500	1.03	319,622	4.77	9
Chilga .....	32,286	27,066	49,295	1.53	470,543	5.26	14
Metema .....	10,152	9,616	19,058	1.88	246,450	6.87	10
Quara .....	9,401	8,815	15,292	1.63	187,262	7.20	8
Alefa .....	46,244	36,508	60,245	1.30	491,300	4.86	9
Belesa .....	45,148	39,321	81,355	1.80	540,765	3.22	8
South Gonder Zone .....	374,252	303,091	531,229	1.42	2,774,097	3.03	9
Ebenat .....	41,969	35,044	62,256	1.48	296,268	2.66	9
Kemekem .....	30,786	24,873	54,642	1.77	260,825	2.27	7
Fogera .....	40,393	30,403	53,439	1.32	223,668	2.55	9
Farta .....	47,634	41,411	69,416	1.46	392,175	3.26	9
Lay Gayint .....	39,303	27,041	36,296	0.92	245,834	4.92	9
Tach Gayint .....	20,270	16,471	27,598	1.36	146,433	3.05	10
Simada .....	47,033	38,451	66,123	1.41	377,898	3.51	10
Estie .....	63,489	52,428	92,322	1.45	548,459	3.37	9
Dera .....	43,376	36,968	69,138	1.59	282,536	2.17	9
North Wollo Zone .....	307,669	259,067	464,202	1.51	2,598,632	3.13	7
Bugna .....	46,716	38,815	65,834	1.41	373,552	3.44	6
Kobo .....	41,472	36,616	70,836	1.71	362,769	2.62	9
Gidan .....	34,560	24,775	37,990	1.10	268,538	4.75	6
Meket .....	48,107	41,658	76,451	1.59	454,105	3.08	6
Wadala .....	26,661	22,113	36,559	1.37	192,321	3.10	7
Dawutna Delanta .....	35,910	28,761	49,788	1.39	254,188	2.97	6
Guba Lafto .....	35,600	31,406	57,093	1.60	340,930	3.32	8
Habru .....	38,645	34,923	69,650	1.80	352,228	2.47	6
South Wollo Zone .....	491,860	439,048	824,501	1.68	4,598,427	2.92	8
Mekdela .....	30,731	27,084	43,960	1.43	266,210	3.64	8
Tenta .....	35,460	31,114	51,051	1.44	283,491	3.26	7
Kutaber .....	21,652	20,647	46,270	2.14	317,527	3.03	10
Ambasel .....	26,365	25,004	53,189	2.02	319,073	2.77	10
Tehuledere .....	23,671	22,414	43,823	1.85	228,186	2.59	8
Werebabu .....	21,260	20,102	45,656	2.15	254,928	2.42	7
Kalu .....	39,177	37,172	86,497	2.21	416,980	2.13	7
Dessie Zuria .....	64,934	58,379	117,172	1.80	657,324	2.82	12
Legambo .....	35,598	28,398	41,499	1.17	173,792	2.77	7
Sayint .....	44,853	42,341	76,711	1.71	451,241	3.36	10
Debresina .....	36,673	31,355	54,584	1.49	319,609	3.26	9
Kelala .....	29,924	27,335	49,968	1.67	281,359	2.98	6
Jama .....	25,068	20,221	31,316	1.25	188,032	3.70	8
Were Ilu .....	29,715	23,771	38,211	1.29	195,633	3.02	7
Wegde .....	26,779	23,712	44,594	1.67	245,042	2.88	7
North Shewa (Amhara) Zone .....	338,763	291,290	556,624	1.64	2,956,683	2.75	9
Middana Weremo .....	16,652	15,421	30,871	1.85	117,439	1.85	7
Merhabete .....	23,035	21,656	46,687	2.03	162,707	1.56	6
Insarona Wayu .....	24,523	19,607	35,822	1.46	178,105	2.69	10
Moretna Jiru .....	17,289	15,103	27,015	1.56	90,185	1.84	6



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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	22,827	37,195	1.36	185,492	2.98	9
Geshe .....	11,701	10,218	18,753	1.60	90,491	2.57	10
Antsokiya Gemza .....	12,985	11,838	20,645	1.59	109,337	2.94	7
Efratana Gidim .....	18,721	16,748	30,198	1.61	159,670	2.85	7
Lalo Midir.....	23,780	19,882	34,972	1.47	183,281	3.19	10
Mojana Wadera .....	14,989	11,972	22,201	1.48	115,300	2.75	12
Tarma Ber.....	17,150	15,242	32,442	1.89	154,312	2.14	9
Kewet.....	20,399	18,147	36,419	1.79	172,015	2.26	9
Asagirt .....	9,625	8,449	16,981	1.76	99,460	2.93	12
Angolelana Tera .....	14,930	11,493	18,180	1.22	121,146	3.99	13
Ankober.....	15,834	14,519	29,713	1.88	181,030	2.94	8
Hagere Mariam.....	10,654	9,193	17,960	1.69	141,860	4.00	11
Berehet.....	5,414	5,056	10,675	1.97	69,116	3.09	9
Minjarna Shenkora .....	22,920	18,828	41,728	1.82	336,076	3.66	12
Basona Werana.....	30,894	25,092	48,167	1.56	289,664	3.24	11
East Gojam Zone .....	377,208	315,299	561,723	1.49	3,572,957	3.52	10
Bibugn .....	20,380	17,083	28,118	1.38	155,862	3.36	9
Hulet Ej Enese.....	42,922	34,823	62,565	1.46	312,897	2.80	10
Goncha Siso Enese.....	26,631	22,666	39,136	1.47	232,364	3.45	9
Enbise Sar Midir.....	26,244	22,432	38,525	1.47	325,674	3.49	8
Enarj Enawga .....	31,408	25,205	44,725	1.42	381,696	4.35	11
Enemay .....	26,307	20,018	34,323	1.30	251,697	4.25	10
Debay Telatgen .....	24,182	17,326	23,517	0.97	233,307	7.70	12
Machakel .....	38,432	36,220	78,909	2.05	402,034	2.35	11
Guzamn .....	42,814	36,346	64,876	1.52	432,862	3.81	11
Baso Liben.....	26,092	23,376	39,417	1.51	200,490	3.01	8
Awabel.....	32,111	25,707	45,661	1.42	302,729	3.93	8
Dejen.....	20,267	17,396	29,807	1.47	200,582	3.94	9
Shebel Berenta.....	19,419	16,703	32,144	1.66	140,763	2.17	7
West Gojam Zone.....	371,763	319,267	576,878	1.55	3,188,907	3.05	10
Achefer .....	47,990	42,058	70,227	1.46	309,993	2.59	9
Bahir Dar Zuria .....	44,777	38,128	81,114	1.81	382,763	2.20	9
Yilman Densa .....	53,378	44,029	79,875	1.50	427,826	2.96	10
Merawi.....	47,811	42,330	72,905	1.52	383,919	3.05	10
Sekela .....	25,751	21,613	39,139	1.52	190,846	2.79	8
Kuarit.....	30,012	23,791	34,961	1.16	262,962	5.05	12
Dega Damot.....	28,781	23,818	34,878	1.21	290,730	5.64	10
Dembecha.....	21,896	20,519	43,676	1.99	254,191	2.61	10
Jabi Tehnan.....	35,596	30,403	57,982	1.63	326,929	2.91	9
Bure Wemberma .....	35,772	32,580	62,119	1.74	358,748	2.82	9
Waghamra Zone .....	75,654	60,358	87,019	1.15	743,205	5.96	7
Zikuala .....	13,305	11,373	16,846	1.27	203,479	8.11	7
Sekota .....	33,740	26,511	38,435	1.14	281,204	5.03	7
Dehana .....	28,610	22,474	31,737	1.11	258,521	5.94	7
Awı Zone.....	152,723	132,585	245,661	1.61	1,523,104	3.27	10
Dangela .....	33,997	30,290	55,553	1.63	376,363	3.52	10
Banja.....	25,927	21,987	42,059	1.62	271,890	3.33	12
Ankesha.....	38,056	33,346	64,059	1.68	323,860	2.56	9
Guangua.....	31,273	27,191	49,467	1.58	304,571	3.26	9
Faggeta Lekoma .....	23,471	19,771	34,523	1.47	246,420	4.12	11
Oromia Zone.....	72,663	66,758	128,415	1.77	627,875	2.47	7
Chefe Golana Dawe Rahimedo.	30,075	27,849	51,786	1.72	262,063	2.69	7
Bati .....	16,309	15,205	37,458	2.30	194,887	2.10	8
Jile Tsumiga .....	11,838	10,583	17,420	1.47	70,902	2.40	7
Artuma Fursi .....	14,442	13,121	21,750	1.51	100,022	2.66	7



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)
Amhara Region.....	2,989,354	168,214	183,993	0.06	1,701,068	8.47	9
North Gonder Zone .....	426,798	61,679	67,411	0.16	771,571	10.24	10
Addi Arkay .....	23,992	13,967	15,993	0.67	259,436	13.95	9
Beyeda .....	17,537	2,451	2,515	0.14	21,929	8.50	7
Janamora .....	29,184	2,042	2,118	0.07	21,874	10.03	11
Debank .....	21,492	5,782	6,459	0.30	93,495	12.87	9
Dabat .....	24,578	7,141	7,777	0.32	97,479	11.14	11
Sanja .....	24,523	4,936	5,780	0.24	58,290	8.23	6
Lay Armacheho .....	24,975	12,469	13,509	0.54	97,472	6.66	10
Wegera .....	37,057	3,588	3,640	0.10	29,902	8.07	11
Gondar Zuria .....	38,957	2,312	2,346	0.06	19,508	8.19	13
Dembia .....	41,272	*	*	*	*	*	*
Chilga .....	32,286	2,141	2,226	0.07	22,434	9.60	23
Metema .....	10,152	1,193	1,199	0.12	12,139	10.11	10
Quara .....	9,401	264	323	0.03	2,617	6.86	7
Alefa .....	46,244	517	596	0.01	*	7.36	8
Belesa .....	45,148	1,194	1,194	0.03	12,052	10.09	8
South Gonder Zone .....	374,252	6,756	8,176	0.02	50,627	5.56	9
Ebenat .....	41,969	320	320	0.01	2,861	8.94	*
Kemekem.....	30,786	1,096	1,096	0.04	8,516	7.77	11
Fogera .....	40,393	3,465	4,377	0.11	21,074	3.92	8
Farta .....	47,634	*	*	*	*	*	*
Lay Gayint .....	39,303	*	*	*	*	*	*
Tach Gayint .....	20,270	302	302	0.01	2,022	6.69	15
Simada .....	47,033	228	*	*	*	*	*
Estie .....	63,489	*	*	*	*	*	*
Dera .....	43,376	*	*	*	*	*	*
North Wollo Zone .....	307,669	17,789	18,751	0.06	153,904	7.91	8
Bugna .....	46,716	9,192	9,495	0.20	67,893	6.97	7
Kobo .....	41,472	4,191	4,369	0.11	50,073	10.89	9
Gidan .....	34,560	1,051	1,143	0.03	6,139	5.21	5
Meket .....	48,107	282	403	0.01	2,706	*	6
Wadala .....	26,661	351	383	0.01	5,752	14.81	9
Dawutna Delanta .....	35,910	667	667	0.02	5,944	8.91	*
Guba Lafto .....	35,600	851	903	0.03	8,118	8.70	11
Habru .....	38,645	1,204	1,389	0.04	7,280	4.80	6
South Wollo Zone .....	491,860	7,316	8,481	0.02	82,684	9.22	12
Mekdela .....	30,731	*	*	*	*	*	*
Tenta .....	35,460	1,024	1,024	0.03	8,716	8.51	11
Kutaber .....	21,652	606	741	0.03	10,535	11.17	14
Ambasel .....	26,365	293	293	0.01	6,086	20.77	12
Tehuledere .....	23,671	858	930	0.04	8,113	8.02	13
Werebabu .....	21,260	361	*	*	3,758	*	8
Kalu .....	39,177	686	791	0.02	6,289	7.41	13
Dessie Zuria .....	64,934	1,389	1,464	0.02	14,914	10.03	11
Legambo .....	35,598	216	258	0.01	1,251	4.12	*
Sayint .....	44,853	*	*	*	*	*	*
Debresina .....	36,673	*	*	*	*	*	*
Kelala .....	29,924	*	*	*	*	*	*
Jama .....	25,068	*	*	*	*	*	*
Were Ilu .....	29,715	*	*	*	*	*	*
Wegde .....	26,779	*	*	*	*	*	*
North Shewa (Amhara) Zone .....	338,763	2,798	2,992	0.01	28,579	9.12	12
Middana Weremo .....	16,652	*	*	*	*	*	*
Merhabete .....	23,035	*	*	*	*	*	*
Insarona Wayu .....	24,523	*	*	*	*	*	*
Moretna Jiru .....	17,289	*	*	*	*	*	*



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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	*	*	*	*	*	*
Geshe .....	11,701	*	*	*	*	*	*
Antsokiya Gemza .....	12,985	472	490	0.04	3,345	6.75	10
Efratana Gidim .....	18,721	*	*	*	*	*	*
Lalo Midir.....	23,780	*	*	*	*	*	*
Mojana Wadera .....	14,989	*	*	*	*	*	*
Tarma Ber.....	17,150	138	138	0.01	1,258	9.11	*
Kewet.....	20,399	*	*	*	*	*	*
Asagirt .....	9,625	101	127	0.01	983	6.02	*
Angolelana Tera .....	14,930	114	131	0.01	1,025	7.55	*
Ankober .....	15,834	*	*	*	*	*	*
Hagere Mariam.....	10,654	167	167	0.02	1,469	8.80	12
Berehet.....	5,414	51	68	0.01	988	10.49	6
Minjarna Shenkora .....	22,920	483	483	0.02	6,492	13.44	15
Basona Werana.....	30,894	213	213	0.01	*	*	16
East Gojam Zone .....	377,208	3,503	3,934	0.01	39,807	9.47	12
Bibugn .....	20,380	396	447	0.02	4,826	10.61	14
Hulet Ej Enese.....	42,922	-	-	-	-	-	-
Goncha Siso Enese.....	26,631	*	*	*	*	*	*
Enbise Sar Midir.....	26,244	683	791	0.03	5,959	7.00	10
Enarj Enawga .....	31,408	*	*	*	*	*	*
Enemay .....	26,307	336	336	0.01	3,258	9.70	14
Debay Telatgen .....	24,182	*	*	*	*	*	*
Machakel .....	38,432	501	501	0.01	4,310	8.60	12
Guzamn .....	42,814	234	*	*	*	*	*
Baso Liben.....	26,092	-	-	-	-	-	-
Awabel.....	32,111	520	656	0.02	11,430	*	8
Dejen.....	20,267	170	170	0.01	1,197	7.04	9
Shebel Berenta.....	19,419	*	*	*	*	*	*
West Gojam Zone.....	371,763	7,247	7,997	0.02	52,109	5.93	11
Achefer .....	47,990	849	1,023	0.02	*	5.58	13
Bahir Dar Zuria .....	44,777	*	*	*	*	*	*
Yilman Densa .....	53,378	*	*	*	*	*	*
Merawi.....	47,811	1,208	1,289	0.03	5,807	4.35	11
Sekela .....	25,751	429	466	0.02	1,927	3.98	9
Kuarit.....	30,012	*	*	*	*	*	*
Dega Damot.....	28,781	-	-	-	-	-	-
Dembecha.....	21,896	362	362	0.02	3,925	10.84	13
Jabi Tehnan.....	35,596	1,128	1,177	0.03	6,763	5.66	9
Bure Wemberma .....	35,772	2,988	3,068	0.09	21,161	6.78	12
Waghamra Zone .....	75,654	50,430	55,076	0.73	446,964	7.48	6
Zikualla .....	13,305	8,028	9,711	0.73	81,341	7.12	6
Sekota .....	33,740	25,457	27,284	0.81	216,999	7.41	7
Dehana.....	28,610	16,945	18,081	0.63	148,624	7.78	6
Awii Zone.....	152,723	7,763	8,166	0.05	44,134	5.23	10
Dangela .....	33,997	2,597	2,597	0.08	20,189	7.77	12
Banja.....	25,927	659	696	0.03	2,524	3.47	11
Ankesha.....	38,056	1,877	1,877	0.05	7,175	3.82	8
Guangua.....	31,273	2,076	2,410	0.08	11,112	4.11	7
Faggeta Lekoma .....	23,471	*	*	*	3,135	*	*
Oromia Zone.....	72,663	2,932	3,007	0.04	30,690	10.10	8
Chefe Golana Dawe Rahimedo..	30,075	982	1,022	0.03	9,700	9.29	8
Bati .....	16,309	862	862	0.05	10,677	12.39	9
Jile Tsumiga .....	11,838	663	698	0.06	6,627	9.31	8
Artuma Fursi .....	14,442	425	425	0.03	3,686	8.67	9



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)
Amhara Region.....	2,989,354	464,678	493,115	0.16	4,253,731	8.19	9
North Gonder Zone .....	426,798	51,901	54,308	0.13	539,019	9.54	10
Addi Arkay .....	23,992	7,158	7,503	0.31	81,244	10.44	8
Beyeda .....	17,537	3,473	3,585	0.20	27,598	7.54	7
Janamora .....	29,184	5,053	5,214	0.18	48,874	9.12	11
Debark .....	21,492	4,264	4,435	0.21	43,291	9.28	8
Dabat .....	24,578	2,473	2,473	0.10	23,447	9.48	12
Sanja .....	24,523	3,536	3,660	0.15	50,121	13.47	6
Lay Armacheho .....	24,975	3,955	4,260	0.17	36,108	7.97	11
Wegera .....	37,057	5,090	5,243	0.14	38,518	7.11	12
Gondar Zuria .....	38,957	4,495	4,649	0.12	40,500	8.54	9
Dembia .....	41,272	2,399	2,452	0.06	32,946	13.18	10
Chilga .....	32,286	2,762	2,962	0.09	33,470	10.76	14
Metema .....	10,152	1,388	1,431	0.14	17,584	11.81	10
Quara .....	9,401	298	298	0.03	3,940	13.22	7
Alefa .....	46,244	442	442	0.01	*	*	8
Belesa .....	45,148	5,116	5,703	0.13	58,516	9.22	10
South Gonder Zone .....	374,252	31,073	32,966	0.09	242,712	6.96	11
Ebenat .....	41,969	1,725	1,768	0.04	15,102	8.37	9
Kemekem .....	30,786	2,930	3,226	0.10	27,232	7.55	9
Fogera .....	40,393	1,844	1,844	0.05	16,626	9.02	10
Farta .....	47,634	6,434	7,345	0.15	57,152	6.79	9
Lay Gayint .....	39,303	6,736	7,029	0.18	46,778	6.52	9
Tach Gayint .....	20,270	3,391	3,541	0.17	16,788	4.52	14
Simada .....	47,033	3,576	3,576	0.08	24,891	6.96	14
Estie .....	63,489	2,635	2,707	0.04	24,040	8.75	11
Dera .....	43,376	1,805	1,931	0.04	14,105	6.92	11
North Wollo Zone .....	307,669	86,163	91,433	0.30	643,025	6.68	7
Bugna .....	46,716	11,804	13,425	0.29	92,939	6.20	7
Kobo .....	41,472	14,330	15,176	0.37	127,623	7.98	8
Gidan .....	34,560	7,528	7,946	0.23	63,332	7.56	6
Meket .....	48,107	7,819	8,395	0.17	49,223	5.52	6
Wadala .....	26,661	3,370	3,578	0.13	22,241	5.87	7
Dawutna Delanta .....	35,910	7,231	7,432	0.21	41,170	5.41	7
Guba Lafto .....	35,600	19,573	20,394	0.57	139,195	6.58	6
Habru .....	38,645	14,507	15,088	0.39	107,302	6.90	7
South Wollo Zone .....	491,860	110,653	120,292	0.24	1,029,157	7.93	10
Mekdela .....	30,731	2,720	2,870	0.09	25,657	8.42	10
Tenta .....	35,460	5,511	6,210	0.18	51,092	7.31	8
Kutaber .....	21,652	11,644	13,292	0.61	103,279	6.88	10
Ambasel .....	26,365	15,695	17,428	0.66	134,741	7.01	10
Tehuledere .....	23,671	9,269	10,108	0.43	97,731	8.76	11
Werebabu .....	21,260	9,712	10,298	0.48	96,653	8.77	10
Kalu .....	39,177	14,794	15,655	0.40	145,398	8.87	11
Dessie Zuria .....	64,934	18,660	20,758	0.32	169,254	7.42	10
Legambo .....	35,598	6,029	6,443	0.18	37,465	5.63	7
Sayint .....	44,853	2,095	2,149	0.05	28,234	13.05	10
Debresina .....	36,673	3,070	3,263	0.09	30,021	8.73	10
Kelala .....	29,924	2,567	2,640	0.09	33,153	12.14	9
Jama .....	25,068	1,570	1,570	0.06	12,209	7.78	10
Were Ilu .....	29,715	4,635	4,893	0.16	33,474	6.44	8
Wegde .....	26,779	2,682	2,716	0.10	30,797	11.22	10
North Shewa (Amhara) Zone .....	338,763	73,480	76,587	0.23	607,205	7.60	10
Middana Weremo .....	16,652	1,921	1,937	0.12	12,090	6.22	12
Merhabete .....	23,035	2,472	2,583	0.11	17,972	6.68	11
Insarona Wayu .....	24,523	1,602	1,691	0.07	11,231	6.14	12
Moretna Jiru .....	17,289	1,789	1,808	0.10	11,931	6.56	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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	3,949	4,016	0.15	26,219	6.44	10
Geshe .....	11,701	2,360	2,360	0.20	15,812	6.70	11
Antsokiya Gemza .....	12,985	2,025	2,191	0.17	18,238	7.43	8
Efratana Gidim .....	18,721	2,798	2,890	0.15	26,356	8.81	8
Lalo Midir.....	23,780	5,262	5,444	0.23	43,851	7.66	11
Mojana Wadera .....	14,989	3,583	3,768	0.25	20,791	5.31	12
Tarma Ber.....	17,150	4,601	4,696	0.27	36,579	7.54	11
Kewet.....	20,399	4,743	4,789	0.23	35,295	7.32	10
Asagirt .....	9,625	2,979	3,047	0.32	23,725	7.59	12
Angolelana Tera .....	14,930	4,988	5,180	0.35	35,080	6.50	11
Ankober .....	15,834	6,347	6,973	0.44	54,947	7.21	9
Hagere Mariam.....	10,654	2,816	2,959	0.28	24,736	8.06	10
Berehet .....	5,414	1,473	1,524	0.28	16,357	10.29	10
Minjarna Shenkora .....	22,920	7,392	7,674	0.33	85,699	10.81	10
Basona Werana.....	30,894	10,380	11,057	0.36	90,295	7.70	9
East Gojam Zone .....	377,208	27,499	28,732	0.08	293,620	9.85	10
Bibugn .....	20,380	372	421	0.02	3,241	6.68	6
Hulet Ej Enese.....	42,922	1,920	1,920	0.04	14,791	7.70	9
Goncha Siso Enese.....	26,631	1,576	1,922	0.07	*	9.05	9
Enbise Sar Midir.....	26,244	877	978	0.04	10,063	9.94	11
Enarj Enawga .....	31,408	1,737	1,781	0.06	15,989	8.78	10
Enemay .....	26,307	2,044	2,077	0.08	22,428	10.64	11
Debay Telatgen .....	24,182	1,181	1,181	0.05	14,718	12.46	11
Machakel .....	38,432	5,038	5,238	0.14	44,317	8.38	9
Guzamn .....	42,814	5,176	5,237	0.12	55,832	10.57	10
Baso Liben.....	26,092	1,357	1,430	0.05	15,913	10.52	8
Awabel.....	32,111	3,537	3,642	0.11	41,665	11.15	9
Dejen.....	20,267	2,247	2,435	0.12	28,304	11.06	11
Shebel Berenta.....	19,419	436	469	0.02	4,196	8.67	10
West Gojam Zone.....	371,763	32,534	34,239	0.09	353,769	10.20	9
Achefer .....	47,990	3,406	3,728	0.08	27,770	8.50	10
Bahir Dar Zuria .....	44,777	5,366	6,025	0.13	54,768	8.73	9
Yilman Densa.....	53,378	1,822	1,822	0.03	23,899	13.12	11
Merawi.....	47,811	2,377	2,377	0.05	20,515	8.63	11
Sekela .....	25,751	1,887	1,920	0.07	19,797	10.05	9
Kuarit.....	30,012	963	993	0.03	9,642	9.25	11
Dega Damot.....	28,781	529	633	0.02	5,766	8.62	9
Dembecha.....	21,896	3,837	3,867	0.18	46,377	11.87	9
Jabi Tehnan.....	35,596	3,853	3,944	0.11	38,191	9.35	9
Bure Wemberma .....	35,772	8,495	8,930	0.25	107,045	11.64	8
Waghamra Zone .....	75,654	10,442	12,150	0.16	136,409	9.46	7
Zikuala .....	13,305	2,488	3,125	0.23	42,811	10.90	6
Sekota .....	33,740	5,568	6,430	0.19	60,351	7.84	8
Dehana.....	28,610	2,387	2,596	0.09	33,247	11.75	7
Aw Zone.....	152,723	21,656	22,003	0.14	229,936	10.31	10
Dangela .....	33,997	5,487	5,574	0.16	57,773	10.21	8
Banja.....	25,927	5,214	5,287	0.20	52,574	9.82	11
Ankesha.....	38,056	3,570	3,570	0.09	34,758	9.74	10
Guangua.....	31,273	3,190	3,315	0.11	32,617	9.57	8
Faggeta Lekoma .....	23,471	4,194	4,257	0.18	52,214	12.12	10
Oromia Zone.....	72,663	19,278	20,403	0.28	178,877	8.29	10
Chefe Golana Dawe Rahimedo..	30,075	6,731	7,104	0.24	56,047	7.55	10
Bati .....	16,309	6,877	7,502	0.46	74,621	9.15	10
Jile Tsumiga .....	11,838	2,534	2,578	0.22	20,533	7.73	9
Artuma Fursi .....	14,442	3,136	3,220	0.22	27,676	8.39	9



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)
Amhara Region.....	2,989,354	396,827	537,512	0.18	2,814,556	4.23	7
North Gondar Zone .....	426,798	20,257	24,020	0.06	216,667	8.09	9
Addi Arkay .....	23,992	*	*	*	*	*	*
Beyeda .....	17,537	*	*	*	*	*	*
Janamora .....	29,184	455	556	0.02	3,346	5.18	7
Debank .....	21,492	2,620	2,653	0.12	33,531	12.60	10
Dabat .....	24,578	815	938	0.04	12,041	11.05	12
Sanja .....	24,523	*	*	*	*	*	*
Lay Armacheho .....	24,975	2,808	3,241	0.13	39,309	11.35	10
Wegera .....	37,057	447	555	0.01	*	*	*
Gondar Zuria .....	38,957	*	*	*	*	*	*
Dembia .....	41,272	569	569	0.01	6,433	11.31	*
Chilga .....	32,286	*	*	*	*	*	*
Metema .....	10,152	656	964	0.09	6,462	5.17	9
Quara .....	9,401	719	*	*	8,672	*	5
Alefa .....	46,244	4,617	6,030	0.13	*	*	*
Belesa .....	45,148	*	*	*	*	*	*
South Gondar Zone .....	374,252	10,652	16,077	0.04	43,751	1.79	5
Ebenat .....	41,969	*	*	*	*	*	*
Kemekem .....	30,786	*	*	*	*	*	*
Fogera .....	40,393	*	*	*	*	*	*
Farta .....	47,634	*	*	*	*	*	*
Lay Gayint .....	39,303	*	*	*	*	*	*
Tach Gayint .....	20,270	*	*	*	*	*	*
Simada .....	47,033	*	*	*	*	*	*
Estie .....	63,489	*	*	*	*	*	*
Dera .....	43,376	*	*	*	*	*	*
North Wollo Zone .....	307,669	37,410	41,767	0.14	216,218	4.77	6
Bugna .....	46,716	2,605	2,713	0.06	14,714	5.35	4
Kobo .....	41,472	5,890	6,147	0.15	29,706	4.63	12
Gidan .....	34,560	*	*	*	*	*	*
Meket .....	48,107	*	*	*	15,230	*	*
Wadala .....	26,661	556	556	0.02	*	*	7
Dawutna Delanta .....	35,910	*	*	*	*	*	*
Guba Lafto .....	35,600	8,540	9,524	0.27	49,589	4.75	7
Habru .....	38,645	16,984	19,647	0.51	86,054	3.87	5
South Wollo Zone .....	491,860	163,157	193,454	0.39	1,115,768	4.85	7
Mekdela .....	30,731	3,395	3,707	0.12	24,998	6.32	6
Tenta .....	35,460	7,647	8,193	0.23	55,923	6.48	7
Kutaber .....	21,652	12,460	13,772	0.64	97,941	6.45	10
Ambasel .....	26,365	11,558	12,456	0.47	84,291	6.36	8
Tehuledere .....	23,671	16,692	20,922	0.88	105,474	4.03	7
Werebabu .....	21,260	16,818	24,367	1.15	137,833	3.86	5
Kalu .....	39,177	28,092	36,186	0.92	231,767	4.95	7
Dessie Zuria .....	64,934	37,053	42,792	0.66	219,915	4.38	8
Legambo .....	35,598	8,442	8,907	0.25	33,461	3.60	6
Sayint .....	44,853	*	*	*	*	*	*
Debresina .....	36,673	*	578	*	*	*	*
Kelala .....	29,924	3,849	4,117	0.14	26,006	5.80	6
Jama .....	25,068	5,426	5,629	0.22	41,068	6.98	8
Were Ilu .....	29,715	8,568	9,038	0.30	38,197	3.93	6
Wegde .....	26,779	*	*	*	2,080	*	*
North Shewa (Amhara) Zone .....	338,763	21,820	25,040	0.07	231,855	8.23	9
Middana Weremo .....	16,652	1,614	1,663	0.10	9,469	5.23	8
Merhabete .....	23,035	732	791	0.03	2,680	3.13	6
Insarona Wayu .....	24,523	1,764	*	*	14,149	*	9
Moretna Jiru .....	17,289	1,170	1,239	0.07	7,752	5.82	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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	1,124	1,124	0.04	14,586	12.98	11
Geshe .....	11,701	1,410	1,427	0.12	5,253	3.65	8
Antsokiya Gemza .....	12,985	2,509	2,584	0.20	17,376	6.58	6
Efratana Gidim .....	18,721	578	578	0.03	6,085	10.53	10
Lalo Midir.....	23,780	182	182	0.01	*	*	*
Mojana Wadera .....	14,989	*	*	*	*	*	*
Tarma Ber.....	17,150	510	550	0.03	5,174	8.80	9
Kewet.....	20,399	250	250	0.01	2,676	10.71	11
Asagirt .....	9,625	490	511	0.05	6,133	11.42	15
Angolelana Tera .....	14,930	430	464	0.03	4,826	9.71	15
Ankober .....	15,834	586	586	0.04	12,578	21.46	13
Hagere Mariam.....	10,654	3,937	5,163	0.48	62,304	9.09	8
Berehet.....	5,414	1,314	1,618	0.30	14,730	7.34	8
Minjarna Shenkora .....	22,920	2,530	2,843	0.12	32,813	11.14	15
Basona Werana.....	30,894	615	615	0.02	8,415	13.68	11
East Gojam Zone .....	377,208	34,465	58,493	0.16	226,061	2.43	7
Bibugn .....	20,380	5,791	11,982	0.59	35,434	1.46	7
Hulet Ej Enese .....	42,922	*	*	*	*	*	*
Goncha Siso Enese .....	26,631	4,663	8,222	0.31	32,193	2.32	6
Enbise Sar Midir.....	26,244	5,915	8,987	0.34	25,866	1.94	7
Enarj Enawga .....	31,408	1,471	1,595	0.05	8,679	5.13	9
Enemay .....	26,307	3,129	4,088	0.16	13,785	2.80	6
Debay Telatgen .....	24,182	756	756	0.03	7,886	10.43	10
Machakel .....	38,432	3,597	*	*	*	*	7
Guzamn .....	42,814	*	*	*	23,138	*	*
Baso Liben.....	26,092	*	*	*	*	*	*
Awabel.....	32,111	550	*	*	7,877	*	*
Dejen.....	20,267	*	*	*	*	*	*
Shebel Berenta.....	19,419	*	*	*	*	*	*
West Gojam Zone.....	371,763	47,268	92,036	0.25	318,558	2.38	7
Achefer .....	47,990	*	*	*	*	*	*
Bahir Dar Zuria .....	44,777	*	*	*	*	*	*
Yilman Densa .....	53,378	8,989	23,098	0.43	50,397	0.90	5
Merawi.....	47,811	1,520	1,735	0.04	14,314	7.72	12
Sekela .....	25,751	*	*	*	*	*	*
Kuarit.....	30,012	*	*	*	*	*	*
Dega Damot.....	28,781	*	*	*	*	*	*
Dembecha .....	21,896	4,586	5,964	0.27	36,672	4.97	9
Jabi Tehnan.....	35,596	11,953	19,108	0.54	78,767	2.81	8
Bure Wemberma .....	35,772	16,681	36,762	1.03	113,507	2.28	7
Waghamra Zone .....	75,654	7,802	9,058	0.12	69,466	6.52	5
Zikuala .....	13,305	2,257	2,872	0.22	21,990	6.10	5
Sekota .....	33,740	*	*	*	*	*	*
Dehana.....	28,610	5,132	5,625	0.20	43,448	6.80	5
Awı Zone.....	152,723	20,032	34,179	0.22	106,682	2.16	6
Dangela .....	33,997	2,625	3,190	0.09	18,492	5.04	7
Banja.....	25,927	1,794	*	*	*	*	7
Ankesha .....	38,056	8,658	17,084	0.45	49,215	1.75	5
Guangua.....	31,273	6,586	11,196	0.36	27,101	1.61	5
Faggeta Lekoma .....	23,471	368	368	0.02	2,625	7.13	11
Oromia Zone.....	72,663	33,963	43,389	0.60	269,531	4.98	6
Chefe Golana Dawe Rahimedo .....	30,075	17,672	20,347	0.68	133,605	5.80	6
Bati .....	16,309	10,590	16,924	1.04	100,904	3.84	6
Jile Tsumiga .....	11,838	2,744	2,967	0.25	14,280	4.55	6
Artuma Fursi .....	14,442	2,958	3,150	0.22	20,741	6.21	6



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

Geographic Area.	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Mekeskeshas' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Mekeskesha' (Birr)	Average Duration of Service of 'Mekeskesha' (Years)
Amhara Region.....	2,989,354	87,567	134,105	0.04	706,148	3.76	6
North Gonder Zone .....	426,798	27,105	41,915	0.10	268,403	4.26	5
Addi Arkay .....	23,992	2,742	*	*	*	*	4
Beyeda .....	17,537	252	252	0.01	744	2.95	5
Janamora .....	29,184	3,156	3,505	0.12	16,096	4.26	5
Debark .....	21,492	3,917	5,665	0.26	41,942	4.99	5
Dabat .....	24,578	*	*	*	*	*	*
Sanja .....	24,523	*	*	*	*	*	*
Lay Armacheho .....	24,975	4,351	5,968	0.24	34,804	4.42	5
Wegera .....	37,057	*	*	*	*	*	*
Gondar Zuria .....	38,957	*	*	*	*	*	*
Dembia .....	41,272	*	*	*	*	*	*
Chilga .....	32,286	2,423	4,240	0.13	*	*	*
Metema .....	10,152	*	*	*	*	*	*
Quara .....	9,401	134	162	0.02	*	4.76	*
Alefa .....	46,244	*	*	*	*	*	*
Belesa .....	45,148	*	*	*	*	*	*
South Gonder Zone .....	374,252	19,216	32,735	0.09	87,804	1.65	3
Ebenat .....	41,969	*	*	*	*	*	*
Kemekem .....	30,786	763	*	*	3,804	*	3
Fogera .....	40,393	*	*	*	*	*	*
Farta .....	47,634	4,833	*	*	*	*	3
Lay Gayint .....	39,303	7,445	10,356	0.26	26,298	1.89	4
Tach Gayint .....	20,270	*	*	*	*	*	*
Simada .....	47,033	*	*	*	*	*	*
Estie .....	63,489	*	*	*	*	*	*
Dera .....	43,376	*	*	*	*	*	*
North Wollo Zone .....	307,669	3,715	4,352	0.01	54,935	9.28	6
Bugna .....	46,716	*	*	*	*	*	*
Kobo .....	41,472	*	*	*	*	*	*
Gidan .....	34,560	*	*	*	*	*	*
Meket .....	48,107	*	*	*	*	*	*
Wadala .....	26,661	244	*	*	*	*	*
Dawutna Delanta .....	35,910	*	*	*	*	*	*
Guba Lafto .....	35,600	*	*	*	*	*	*
Habru .....	38,645	1,710	1,840	0.05	7,668	4.01	*
South Wollo Zone .....	491,860	4,661	4,983	0.01	55,503	10.56	11
Mekdela .....	30,731	*	*	*	*	*	*
Tenta .....	35,460	524	524	0.01	3,573	6.82	11
Kutaber .....	21,652	738	763	0.04	*	*	10
Ambasel .....	26,365	491	551	0.02	4,389	6.90	11
Tehuledere .....	23,671	423	442	0.02	2,554	5.65	13
Werebabu .....	21,260	218	*	*	*	*	9
Kalu .....	39,177	351	445	0.01	4,898	8.95	*
Dessie Zuria .....	64,934	889	889	0.01	*	*	11
Legambo .....	35,598	*	*	*	*	*	*
Sayint .....	44,853	*	*	*	*	*	*
Debresina .....	36,673	*	*	*	*	*	*
Kelala .....	29,924	*	*	*	*	*	*
Jama .....	25,068	329	364	0.01	*	*	10
Were Ilu .....	29,715	215	275	0.01	*	*	*
Wegde .....	26,779	*	*	*	*	*	*
North Shewa (Amhara) Zone .....	338,763	6,291	7,573	0.02	54,803	6.32	11
Middana Weremo .....	16,652	*	*	*	*	*	*
Merhabete .....	23,035	*	*	*	*	*	*
Insarona Wayu .....	24,523	*	*	*	*	*	*
Moretna Jiru .....	17,289	*	*	*	*	*	*



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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	*	*	*	*	*	*
Geshe .....	11,701	*	*	*	*	*	*
Antsokiya Gemza .....	12,985	453	492	0.04	3,827	6.99	13
Efratana Gidim .....	18,721	*	*	*	*	*	*
Lalo Midir.....	23,780	-	-	-	-	-	-
Mojana Wadera .....	14,989	*	*	*	*	*	*
Tarma Ber.....	17,150	*	*	*	*	*	*
Kewet.....	20,399	217	*	*	*	*	*
Asagirt .....	9,625	223	223	0.02	4,916	22.04	13
Angolelana Tera .....	14,930	2,122	2,338	0.16	17,336	6.66	19
Ankober .....	15,834	203	203	0.01	2,685	13.23	12
Hagere Mariam.....	10,654	*	*	*	*	*	*
Berehet.....	5,414	23	23	0.00	*	*	*
Minjarna Shenkora .....	22,920	101	101	0.00	*	*	*
Basona Werana.....	30,894	*	*	*	*	*	*
East Gojam Zone .....	377,208	13,438	21,285	0.06	98,906	3.35	6
Bibugn .....	20,380	*	*	*	*	*	*
Hulet Ej Enese.....	42,922	*	*	*	*	*	*
Goncha Siso Enese.....	26,631	*	*	*	*	*	*
Enbise Sar Midir.....	26,244	*	*	*	*	*	*
Enarj Enawga .....	31,408	*	*	*	*	*	*
Enemay .....	26,307	*	*	*	*	*	*
Debay Telatgen .....	24,182	7,472	10,725	0.44	33,426	2.20	5
Machakel .....	38,432	*	*	*	*	*	*
Guzamn .....	42,814	*	*	*	*	*	*
Baso Liben.....	26,092	868	1,626	0.06	*	*	*
Awabel.....	32,111	*	*	*	*	*	*
Dejen.....	20,267	*	*	*	*	*	*
Shebel Berenta.....	19,419	-	-	-	-	-	-
West Gojam Zone.....	371,763	6,570	11,461	0.03	49,270	2.85	6
Achefer .....	47,990	*	*	*	*	*	*
Bahir Dar Zuria .....	44,777	*	*	*	*	*	*
Yilman Densa .....	53,378	*	*	*	*	*	*
Merawi.....	47,811	*	*	*	*	*	*
Sekela .....	25,751	*	*	*	*	*	*
Kuarit.....	30,012	*	*	*	*	*	*
Dega Damot.....	28,781	*	*	*	*	*	*
Dembecha .....	21,896	2,033	3,876	0.18	13,460	1.90	7
Jabi Tehnan.....	35,596	*	*	*	*	*	*
Bure Wemberma .....	35,772	*	*	*	*	*	*
Waghamra Zone .....	75,654	1,417	2,560	0.03	12,622	2.89	4
Zikualla .....	13,305	1,166	2,052	0.15	10,651	3.14	4
Sekota .....	33,740	*	*	*	*	*	*
Dehana.....	28,610	*	*	*	*	*	*
Awii Zone.....	152,723	4,018	5,818	0.04	12,869	1.70	4
Dangela .....	33,997	393	*	*	*	*	*
Banja.....	25,927	2,055	2,999	0.12	4,012	0.91	*
Ankesha .....	38,056	*	*	*	*	*	*
Guangua.....	31,273	280	451	0.01	1,170	1.93	3
Faggeta Lekoma .....	23,471	1,085	1,381	0.06	5,205	3.46	4
Oromia Zone.....	72,663	1,137	1,423	0.02	11,034	7.02	10
Chefe Golana Dawe Rahimedo.....	30,075	*	*	*	*	*	*
Bati .....	16,309	553	650	0.04	6,080	8.01	11
Jile Tsumiga .....	11,838	98	118	0.01	*	*	*
Artuma Fursi .....	14,442	157	*	*	*	*	9



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)
Amhara Region.....	2,989,354	1,127,777	1,614,266	0.54	9,070,464	4.16	7
North Gonder Zone .....	426,798	79,434	93,893	0.22	766,179	7.24	8
Addi Arkay .....	23,992	8,513	10,872	0.45	98,163	7.64	7
Beyeda .....	17,537	4,884	5,639	0.32	43,378	6.86	7
Janamora .....	29,184	8,572	10,608	0.36	78,787	6.22	7
Debank .....	21,492	5,441	6,122	0.28	52,916	7.92	7
Dabat .....	24,578	4,595	4,763	0.19	38,739	8.00	10
Sanja .....	24,523	6,890	7,565	0.31	107,436	13.16	7
Lay Armacheho .....	24,975	6,514	9,302	0.37	52,769	4.55	8
Wegera .....	37,057	7,663	8,723	0.24	54,540	5.50	9
Gondar Zuria .....	38,957	7,761	8,737	0.22	51,812	5.42	8
Dembia .....	41,272	3,716	4,280	0.10	45,342	9.55	10
Chilga .....	32,286	3,338	3,957	0.12	34,306	7.69	15
Metema .....	10,152	1,623	1,697	0.17	21,782	12.41	11
Quara .....	9,401	1,262	1,722	0.18	12,098	5.89	6
Alefa .....	46,244	*	*	*	28,155	*	*
Belesa .....	45,148	5,639	6,233	0.14	45,957	6.83	7
South Gonder Zone .....	374,252	63,572	87,606	0.23	504,628	4.52	8
Ebenat .....	41,969	5,317	6,461	0.15	34,750	4.75	7
Kemekem .....	30,786	4,205	5,564	0.18	27,577	4.18	7
Fogera .....	40,393	2,754	2,971	0.07	26,920	8.71	11
Farta .....	47,634	13,332	20,377	0.43	122,649	4.42	9
Lay Gayint .....	39,303	12,982	15,895	0.40	108,377	5.68	8
Tach Gayint .....	20,270	3,266	4,086	0.20	20,111	4.01	10
Simada .....	47,033	9,886	14,141	0.30	59,638	2.94	8
Estie .....	63,489	9,660	15,541	0.24	80,870	3.70	7
Dera .....	43,376	2,170	2,570	0.06	23,736	7.93	13
North Wollo Zone .....	307,669	201,956	281,483	0.91	1,482,527	3.82	5
Bugna .....	46,716	31,787	43,197	0.92	254,950	4.38	4
Kobo .....	41,472	23,726	33,153	0.80	153,482	3.39	8
Gidan .....	34,560	29,470	44,203	1.28	252,109	3.88	4
Meket .....	48,107	25,569	37,886	0.79	181,960	3.27	6
Wadala .....	26,661	16,694	21,438	0.80	92,884	3.39	6
Dawutna Delanta .....	35,910	24,393	33,967	0.95	153,774	3.24	5
Guba Lafto .....	35,600	27,842	38,464	1.08	250,738	4.80	5
Habru .....	38,645	22,475	29,176	0.75	142,631	3.79	6
South Wollo Zone .....	491,860	300,059	454,076	0.92	2,007,853	3.05	6
Mekdela .....	30,731	19,642	27,463	0.89	131,503	3.41	6
Tenta .....	35,460	18,644	24,957	0.70	130,416	4.03	6
Kutaber .....	21,652	19,473	37,108	1.71	171,029	2.44	7
Ambasel .....	26,365	23,099	35,068	1.33	196,544	3.69	6
Tehuledere .....	23,671	13,591	29,829	1.26	84,119	1.68	6
Werebabu .....	21,260	17,213	30,459	1.43	119,956	2.24	5
Kalu .....	39,177	28,436	45,853	1.17	185,503	2.63	5
Dessie Zuria .....	64,934	38,009	62,307	0.96	265,177	2.81	7
Legambo .....	35,598	13,661	14,637	0.41	68,386	4.35	7
Sayint .....	44,853	37,888	54,539	1.22	251,856	3.22	7
Debresina .....	36,673	17,810	25,017	0.68	88,540	2.62	5
Kelala .....	29,924	15,701	22,959	0.77	105,907	3.23	5
Jama .....	25,068	13,593	16,377	0.65	82,924	4.27	6
Were Ilu .....	29,715	12,113	13,331	0.45	65,445	4.48	6
Wegde .....	26,779	11,186	14,171	0.53	60,550	3.36	6
North Shewa (Amhara) Zone .....	338,763	263,446	419,969	1.24	2,400,927	3.74	7
Middana Weremo .....	16,652	14,464	22,126	1.33	72,680	2.13	5
Merhabete .....	23,035	21,196	39,743	1.73	120,204	1.63	5
Insarona Wayu .....	24,523	14,692	23,338	0.95	98,378	2.65	7
Moretna Jiru .....	17,289	14,006	26,988	1.56	69,495	1.48	5



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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	21,353	29,353	1.08	155,530	3.86	7
Geshe .....	11,701	9,448	11,419	0.98	52,638	3.79	7
Antsokiya Gemza .....	12,985	11,009	16,968	1.31	105,657	4.02	5
Efratana Gidim .....	18,721	16,126	25,058	1.34	191,492	4.93	4
Lalo Midir.....	23,780	20,079	27,007	1.14	185,196	5.15	7
Mojana Wadera .....	14,989	12,135	17,258	1.15	113,873	4.80	9
Tarma Ber.....	17,150	14,730	29,167	1.70	155,156	2.81	5
Kewet.....	20,399	13,911	22,309	1.09	125,052	3.72	6
Asagirt .....	9,625	7,674	11,977	1.24	97,817	5.29	8
Angolelana Tera .....	14,930	9,336	11,964	0.80	96,506	6.28	11
Ankober .....	15,834	13,988	20,780	1.31	185,858	6.00	6
Hagere Mariam.....	10,654	7,303	12,149	1.14	91,638	4.60	8
Berehet.....	5,414	3,501	5,251	0.97	53,312	6.49	7
Minjarna Shenkora.....	22,920	15,126	32,941	1.44	182,049	2.62	9
Basona Werana.....	30,894	23,370	34,172	1.11	248,393	5.37	9
East Gojam Zone .....	377,208	75,463	98,220	0.26	732,668	6.37	10
Bibugn .....	20,380	479	564	0.03	4,703	7.69	12
Hulet Ej Enese.....	42,922	6,785	7,924	0.18	49,229	5.50	9
Goncha Siso Enese.....	26,631	5,530	8,169	0.31	42,608	4.08	8
Enbise Sar Midir.....	26,244	6,409	7,983	0.30	40,640	4.33	8
Enarj Enawga .....	31,408	3,888	4,350	0.14	34,038	7.33	11
Enemay .....	26,307	6,051	7,294	0.28	53,912	6.61	10
Debay Telatgen .....	24,182	7,119	8,060	0.33	103,312	11.98	12
Machakel .....	38,432	5,330	6,705	0.17	53,390	6.78	11
Guzamn .....	42,814	12,542	15,335	0.36	148,004	8.52	12
Baso Liben.....	26,092	1,850	3,161	0.12	18,419	4.17	12
Awabel.....	32,111	8,783	11,721	0.37	93,771	6.85	8
Dejen.....	20,267	7,311	12,177	0.60	72,689	4.08	8
Shebel Berenta.....	19,419	3,387	4,776	0.25	17,952	3.01	6
West Gojam Zone.....	371,763	40,707	51,202	0.14	383,787	6.54	10
Achefer .....	47,990	5,311	6,031	0.13	44,488	6.84	9
Bahir Dar Zuria .....	44,777	6,478	7,598	0.17	73,099	8.73	11
Yilman Densa .....	53,378	4,136	5,984	0.11	41,167	5.70	11
Merawi.....	47,811	2,578	2,691	0.06	26,286	9.19	15
Sekela .....	25,751	2,570	2,955	0.11	22,747	7.26	10
Kuarit.....	30,012	5,119	7,602	0.25	45,586	4.47	9
Dega Damot.....	28,781	5,595	8,611	0.30	43,696	3.57	7
Dembecha .....	21,896	1,924	1,924	0.09	21,274	11.06	14
Jabi Tehnan.....	35,596	3,224	3,582	0.10	35,667	9.25	12
Bure Wemberma .....	35,772	3,772	4,226	0.12	29,777	6.54	10
Waghamra Zone .....	75,654	42,532	52,754	0.70	359,051	5.59	5
Zikualla .....	13,305	5,467	6,457	0.49	40,737	5.37	5
Sekota .....	33,740	22,868	27,302	0.81	162,596	5.07	5
Dehana.....	28,610	14,197	18,995	0.66	155,718	6.42	6
Awii Zone.....	152,723	16,482	18,025	0.12	132,557	6.78	11
Dangela .....	33,997	3,892	4,169	0.12	32,513	7.08	10
Banja.....	25,927	3,359	3,509	0.14	26,206	7.21	13
Ankesha .....	38,056	3,389	3,714	0.10	26,655	6.68	11
Guangua.....	31,273	2,817	3,359	0.11	17,944	4.45	7
Faggeta Lekoma .....	23,471	3,024	3,274	0.14	29,240	8.41	13
Oromia Zone.....	72,663	44,127	57,037	0.78	300,286	4.10	5
Chefe Golana Dawe Rahimedo..	30,075	21,480	27,971	0.93	156,881	4.34	5
Bati .....	16,309	8,535	11,438	0.70	55,892	3.61	6
Jile Tsumiga .....	11,838	3,857	4,787	0.40	21,119	3.59	6
Artuma Fursi .....	14,442	10,255	12,841	0.89	66,393	4.18	5



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)
Amhara Region.....	2,989,354	2,311,694	4,685,784	1.57	9,920,742	1.08	2
North Gonder Zone .....	426,798	336,316	629,285	1.47	1,778,780	1.58	2
Addi Arkay .....	23,992	18,545	36,075	1.50	161,596	2.50	2
Beyeda .....	17,537	12,458	23,921	1.36	59,468	1.40	2
Janamora .....	29,184	21,377	36,278	1.24	119,031	1.89	2
Debark .....	21,492	17,198	37,451	1.74	85,998	1.02	2
Dabat .....	24,578	18,711	30,676	1.25	83,767	1.70	2
Sanja .....	24,523	21,864	30,707	1.25	150,921	3.50	2
Lay Armacheho .....	24,975	18,999	39,329	1.57	83,647	1.05	1
Wegera .....	37,057	27,840	48,774	1.32	122,393	1.46	2
Gondar Zuria .....	38,957	29,348	65,088	1.67	201,153	1.48	2
Dembia .....	41,272	32,613	67,336	1.63	183,939	1.36	2
Chilga .....	32,286	26,470	43,913	1.36	96,661	1.43	2
Metema .....	10,152	8,697	14,894	1.47	45,216	1.80	2
Quara .....	9,401	8,055	11,534	1.23	26,135	1.60	2
Alefa .....	46,244	36,016	64,910	1.40	140,914	1.24	2
Belesa .....	45,148	38,126	78,399	1.74	217,941	1.47	1
South Gonder Zone .....	374,252	295,798	624,350	1.67	1,319,442	1.03	2
Ebenat .....	41,969	33,367	70,860	1.69	162,402	1.12	1
Kemekem .....	30,786	23,447	45,085	1.46	133,621	1.52	2
Fogera .....	40,393	30,032	65,767	1.63	168,612	1.20	2
Farta .....	47,634	38,408	80,806	1.70	178,685	1.02	2
Lay Gayint .....	39,303	30,715	67,024	1.71	114,801	0.81	2
Tach Gayint .....	20,270	14,780	28,283	1.40	31,853	0.59	2
Simada .....	47,033	36,777	61,860	1.32	96,663	1.01	1
Estie .....	63,489	53,774	137,649	2.17	267,610	0.82	1
Dera .....	43,376	34,498	67,016	1.55	165,196	1.28	1
North Wollo Zone .....	307,669	232,205	440,538	1.43	823,604	1.01	1
Bugna .....	46,716	34,382	60,757	1.30	106,871	1.01	1
Kobo .....	41,472	33,687	62,889	1.52	130,566	1.10	1
Gidan .....	34,560	24,850	48,705	1.41	92,390	1.04	1
Meket .....	48,107	37,939	81,044	1.68	162,192	0.94	2
Wadala .....	26,661	22,806	46,364	1.74	69,353	0.73	1
Dawutna Delanta .....	35,910	27,367	46,605	1.30	85,210	1.07	2
Guba Lafto .....	35,600	26,395	44,924	1.26	93,731	1.28	1
Habru .....	38,645	24,780	49,251	1.27	83,291	0.96	1
South Wollo Zone .....	491,860	361,291	732,251	1.49	1,245,405	0.89	1
Mekdela .....	30,731	24,457	44,986	1.46	77,820	1.00	1
Tenta .....	35,460	25,644	51,808	1.46	85,320	0.85	1
Kutaber .....	21,652	17,025	35,596	1.64	76,370	1.07	1
Ambasel .....	26,365	20,170	43,085	1.63	80,496	0.91	1
Tehuledere .....	23,671	17,186	29,016	1.23	59,726	1.31	2
Werebabu .....	21,260	15,612	39,187	1.84	70,870	0.81	2
Kalu .....	39,177	26,752	51,141	1.31	112,356	1.18	1
Dessie Zuria .....	64,934	46,450	94,112	1.45	185,658	1.02	2
Legambo .....	35,598	23,882	49,890	1.40	63,416	0.67	1
Sayint .....	44,853	35,476	90,017	2.01	104,161	0.49	1
Debresina .....	36,673	26,140	51,743	1.41	76,733	0.77	1
Kelala .....	29,924	23,451	42,813	1.43	74,648	0.96	1
Jama .....	25,068	17,253	30,938	1.23	46,771	0.88	1
Were Ilu .....	29,715	21,545	35,271	1.19	60,687	1.13	2
Wegde .....	26,779	20,249	42,648	1.59	70,373	0.78	1
North Shewa (Amhara) Zone .....	338,763	250,988	442,340	1.31	920,281	1.20	1
Middana Weremo .....	16,652	11,434	20,051	1.20	22,929	0.65	1
Merhabete .....	23,035	17,845	41,312	1.79	43,154	0.46	1
Insarona Wayu .....	24,523	17,037	29,052	1.18	67,791	1.34	2
Moretna Jiru .....	17,289	13,355	21,824	1.26	36,584	0.99	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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	20,079	32,162	1.18	48,175	0.96	1
Geshe .....	11,701	8,657	12,717	1.09	17,512	0.92	1
Antsokiya Gemza .....	12,985	8,427	14,346	1.10	26,372	1.03	1
Efratana Gidim .....	18,721	14,408	26,414	1.41	48,613	1.00	1
Lalo Midir.....	23,780	17,818	31,128	1.31	61,567	1.17	1
Mojana Wadera .....	14,989	10,859	17,767	1.19	35,121	1.19	1
Tarma Ber.....	17,150	12,025	23,112	1.35	43,879	0.94	1
Kewet.....	20,399	14,723	30,859	1.51	42,145	0.71	1
Asagirt .....	9,625	7,520	11,207	1.16	23,699	1.45	1
Angolelana Tera .....	14,930	11,794	17,645	1.18	39,977	1.48	1
Ankober .....	15,834	11,957	17,399	1.10	33,021	1.31	1
Hagere Mariam.....	10,654	8,142	13,117	1.23	33,267	1.57	1
Berehet.....	5,414	4,764	8,620	1.59	26,237	1.81	2
Minjarna Shenkora .....	22,920	18,344	33,871	1.48	170,184	2.78	2
Basona Werana.....	30,894	21,799	39,737	1.29	100,055	1.40	1
East Gojam Zone .....	377,208	305,026	712,861	1.89	1,473,351	0.92	2
Bibugn .....	20,380	15,876	32,579	1.60	57,466	0.83	1
Hulet Ej Enese .....	42,922	36,224	72,610	1.69	124,585	0.86	2
Goncha Siso Enese .....	26,631	21,577	46,142	1.73	86,991	0.93	2
Enbise Sar Midir.....	26,244	20,456	34,757	1.32	83,026	1.40	2
Enarj Enawga .....	31,408	26,079	55,159	1.76	138,727	1.25	2
Enemay .....	26,307	21,314	50,678	1.93	165,661	1.40	3
Debay Telatgen .....	24,182	20,325	55,815	2.31	132,397	0.95	3
Machakel .....	38,432	32,702	92,182	2.40	121,975	0.53	2
Guzamn .....	42,814	36,170	79,417	1.85	124,391	0.78	2
Baso Liben.....	26,092	19,937	47,956	1.84	86,503	0.78	2
Awabel.....	32,111	26,505	71,880	2.24	161,755	0.85	3
Dejen.....	20,267	14,992	43,905	2.17	128,321	1.02	2
Shebel Berenta.....	19,419	12,868	29,781	1.53	61,555	0.95	2
West Gojam Zone.....	371,763	297,188	645,516	1.74	1,460,979	1.06	2
Achefer .....	47,990	38,904	90,115	1.88	168,860	0.88	2
Bahir Dar Zuria .....	44,777	33,804	93,224	2.08	252,180	1.03	2
Yilman Densa .....	53,378	41,660	86,954	1.63	200,992	1.16	2
Merawi.....	47,811	37,143	82,134	1.72	168,250	1.01	2
Sekela .....	25,751	21,865	34,240	1.33	55,398	1.00	2
Kuarit.....	30,012	25,308	44,162	1.47	90,676	1.21	1
Dega Damot.....	28,781	23,465	43,232	1.50	77,776	0.98	1
Dembecha .....	21,896	18,417	46,286	2.11	94,247	0.82	2
Jabi Tehnan.....	35,596	28,498	58,188	1.63	132,935	1.13	2
Bure Wemberma .....	35,772	28,126	66,980	1.87	219,666	1.40	3
Waghamra Zone .....	75,654	62,765	134,406	1.78	312,133	1.04	1
Zikualla .....	13,305	11,493	27,609	2.08	76,211	1.13	1
Sekota .....	33,740	27,861	57,791	1.71	124,185	0.94	1
Dehana.....	28,610	23,412	49,006	1.71	111,736	1.10	1
Awi Zone.....	152,723	117,265	229,128	1.50	403,042	0.95	2
Dangela .....	33,997	27,905	54,625	1.61	122,859	1.22	2
Banja.....	25,927	21,495	44,227	1.71	67,545	0.75	2
Ankesha .....	38,056	26,459	54,471	1.43	88,316	0.87	2
Guangua.....	31,273	22,298	41,439	1.33	61,686	0.80	1
Faggeta Lekoma .....	23,471	19,108	34,366	1.46	62,635	1.04	2
Oromia Zone.....	72,663	52,852	95,108	1.31	183,726	1.10	1
Chefe Golana Dawe Rahimedo.	30,075	20,538	33,006	1.10	63,976	1.21	1
Bati .....	16,309	12,518	34,435	2.11	66,406	0.74	1
Jile Tsumiga .....	11,838	9,428	11,541	0.97	23,123	1.64	1
Artuma Fursi .....	14,442	10,368	16,127	1.12	30,220	1.28	1



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

Geographic Area.	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Erfe's' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Erfe' (Birr)	Average Duration of Service of 'Erfe' (Years)
Amhara Region.....	2,989,354	2,297,082	3,935,134	1.32	6,415,309	0.96	2
North Gonder Zone .....	426,798	335,733	578,000	1.35	1,339,689	1.35	2
Addi Arkay .....	23,992	18,355	30,119	1.26	108,959	2.35	2
Beyeda .....	17,537	12,456	23,408	1.33	54,039	1.27	2
Janamora.....	29,184	21,492	38,459	1.32	99,194	1.43	2
Debark .....	21,492	17,126	29,233	1.36	58,682	1.13	2
Dabat .....	24,578	18,573	32,403	1.32	44,267	0.81	1
Sanja .....	24,523	21,512	28,748	1.17	89,644	2.37	2
Lay Armacheho .....	24,975	18,804	30,918	1.24	79,533	1.46	2
Wegera.....	37,057	27,622	52,560	1.42	90,087	0.84	2
Gondar Zuria .....	38,957	30,262	61,533	1.58	172,113	1.32	2
Dembia .....	41,272	33,403	61,993	1.50	119,555	1.05	1
Chilga .....	32,286	26,134	42,313	1.31	87,282	1.27	2
Metema.....	10,152	8,332	10,790	1.06	26,769	1.91	2
Quara .....	9,401	8,000	10,457	1.11	20,977	1.52	1
Alefa .....	46,244	35,795	56,319	1.22	107,279	1.19	2
Belesa .....	45,148	37,868	68,747	1.52	181,309	1.48	2
South Gonder Zone .....	374,252	295,765	565,079	1.51	814,629	0.76	2
Ebenat .....	41,969	32,864	59,661	1.42	108,228	1.00	2
Kemekem.....	30,786	24,143	45,843	1.49	120,920	1.36	2
Fogera .....	40,393	30,369	62,649	1.55	108,215	0.83	2
Farta .....	47,634	38,257	70,931	1.49	113,218	0.84	2
Lay Gayint.....	39,303	30,835	52,401	1.33	64,559	0.73	1
Tach Gayint.....	20,270	14,917	25,140	1.24	18,083	0.41	2
Simada .....	47,033	37,200	74,191	1.58	55,665	0.46	2
Estie .....	63,489	53,034	111,710	1.76	139,578	0.59	1
Dera .....	43,376	34,146	62,553	1.44	86,163	0.72	2
North Wollo Zone .....	307,669	231,248	387,382	1.26	619,328	0.96	1
Bugna.....	46,716	34,091	64,387	1.38	96,761	0.83	1
Kobo .....	41,472	33,652	52,158	1.26	111,741	1.33	2
Gidan .....	34,560	24,904	42,445	1.23	89,946	1.24	2
Meket.....	48,107	38,084	71,664	1.49	98,868	0.77	1
Wadala .....	26,661	22,711	40,275	1.51	45,025	0.62	1
Dawutna Delanta.....	35,910	27,207	43,814	1.22	49,509	0.68	1
Guba Lafto.....	35,600	26,246	40,850	1.15	74,724	1.16	1
Habru .....	38,645	24,353	31,790	0.82	52,755	1.24	1
South Wollo Zone .....	491,860	357,951	563,922	1.15	854,716	0.98	1
Mekdela.....	30,731	24,479	34,376	1.12	53,953	1.15	1
Tenta .....	35,460	25,412	35,466	1.00	54,129	1.06	1
Kutaber .....	21,652	16,870	29,053	1.34	58,352	1.20	1
Ambasel.....	26,365	20,089	34,442	1.31	68,778	1.17	2
Tehuledere.....	23,671	17,070	23,398	0.99	61,220	1.86	2
Werebabu.....	21,260	15,098	24,174	1.14	41,252	1.09	1
Kalu .....	39,177	26,458	37,201	0.95	52,755	0.99	1
Dessie Zuria.....	64,934	46,046	67,182	1.03	118,759	1.19	2
Legambo.....	35,598	23,657	35,215	0.99	47,476	0.91	1
Sayint.....	44,853	35,543	68,101	1.52	77,076	0.59	2
Debresina.....	36,673	25,871	44,781	1.22	47,080	0.60	1
Kelala.....	29,924	23,313	36,700	1.23	59,333	1.02	1
Jama .....	25,068	16,914	28,664	1.14	29,348	0.66	1
Were Ilu.....	29,715	21,193	26,508	0.89	36,531	1.09	1
Wegde.....	26,779	19,939	38,660	1.44	48,673	0.68	1
North Shewa (Amhara) Zone.....	338,763	249,397	408,354	1.21	497,721	0.73	1
Middana Weremo.....	16,652	11,539	17,361	1.04	12,252	0.46	1
Merhabete.....	23,035	17,469	27,103	1.18	19,790	0.45	1
Insarona Wayu.....	24,523	17,016	28,251	1.15	33,701	0.71	1
Moretna Jiru .....	17,289	12,738	19,821	1.15	22,503	0.70	1



TABLE 8.8A:- Number of Holders Reporting 'Erfe'(Handle) 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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	20,095	32,789	1.20	22,255	0.42	1
Geshe .....	11,701	8,641	11,909	1.02	8,592	0.51	1
Antsokiya Gemza .....	12,985	8,406	11,817	0.91	8,916	0.54	1
Efratana Gidim .....	18,721	14,268	24,468	1.31	22,524	0.55	1
Lalo Midir.....	23,780	17,656	31,191	1.31	25,466	0.45	1
Mojana Wadera .....	14,989	10,819	20,071	1.34	17,273	0.44	1
Tarma Ber.....	17,150	12,153	20,884	1.22	22,351	0.61	1
Kewet.....	20,399	14,715	19,707	0.97	20,720	0.80	1
Asagirt .....	9,625	7,380	11,049	1.15	17,738	1.08	1
Angolelana Tera .....	14,930	11,710	20,236	1.36	26,222	0.74	1
Ankober .....	15,834	11,967	16,565	1.05	30,809	1.35	1
Hagere Mariam.....	10,654	8,135	14,590	1.37	27,556	1.02	1
Berehet.....	5,414	4,728	7,164	1.32	21,286	2.04	2
Minjarna Shenkora .....	22,920	18,211	36,096	1.57	90,255	1.26	1
Basona Werana.....	30,894	21,753	37,281	1.21	47,513	0.75	1
East Gojam Zone .....	377,208	302,064	535,340	1.42	865,333	0.97	2
Bibugn .....	20,380	15,405	26,419	1.30	25,100	0.67	2
Hulet Ej Enese .....	42,922	35,856	68,730	1.60	66,379	0.58	2
Goncha Siso Enese.....	26,631	21,303	34,773	1.31	45,367	1.15	2
Enbise Sar Midir.....	26,244	20,632	31,642	1.21	53,061	1.14	2
Enarj Enawga .....	31,408	25,516	42,695	1.36	86,825	1.24	3
Enemay .....	26,307	21,209	41,320	1.57	78,017	0.95	3
Debay Telatgen .....	24,182	20,227	35,240	1.46	51,382	0.85	2
Machakel .....	38,432	32,228	54,182	1.41	72,944	0.92	2
Guzamn .....	42,814	35,658	55,410	1.29	98,196	1.10	2
Baso Liben.....	26,092	19,967	39,101	1.50	72,802	1.04	3
Awabel.....	32,111	26,306	52,024	1.62	100,607	0.98	3
Dejen.....	20,267	15,101	32,270	1.59	70,027	1.03	2
Shebel Berenta.....	19,419	12,658	21,534	1.11	44,626	1.20	2
West Gojam Zone.....	371,763	294,016	512,688	1.38	907,032	1.04	2
Achefer .....	47,990	38,467	71,399	1.49	103,935	0.81	2
Bahir Dar Zuria .....	44,777	33,441	71,016	1.59	126,594	0.84	2
Yilman Densa .....	53,378	40,357	68,629	1.29	101,191	0.86	2
Merawi.....	47,811	37,384	65,061	1.36	82,510	0.74	2
Sekela .....	25,751	21,719	31,780	1.23	30,880	0.67	2
Kuarit.....	30,012	24,928	37,338	1.24	43,741	0.80	2
Dega Damot.....	28,781	22,602	34,320	1.19	45,013	1.05	2
Dembecha.....	21,896	18,164	32,330	1.48	59,442	1.01	2
Jabi Tehnan.....	35,596	28,310	54,208	1.52	74,629	0.88	2
Bure Wemberma .....	35,772	28,644	46,608	1.30	239,099	3.05	4
Waghamra Zone .....	75,654	62,153	114,809	1.52	246,437	1.19	2
Zikuala .....	13,305	11,304	21,181	1.59	52,543	1.33	2
Sekota.....	33,740	27,619	50,989	1.51	113,694	1.17	2
Dehana .....	28,610	23,230	42,638	1.49	80,200	1.14	1
Awi Zone .....	152,723	116,307	194,944	1.28	185,077	0.63	2
Dangela .....	33,997	27,881	62,707	1.84	54,060	0.53	2
Banja.....	25,927	21,299	29,564	1.14	28,440	0.67	2
Ankesha .....	38,056	26,203	37,958	1.00	42,221	0.74	2
Guangua.....	31,273	21,794	30,210	0.97	31,529	0.77	1
Faggeta Lekoma.....	23,471	19,130	34,505	1.47	28,828	0.55	2
Oromia Zone.....	72,663	52,448	74,616	1.03	85,348	0.76	1
Chefe Golana Dawe Rahimedo.....	30,075	20,453	26,020	0.87	27,294	0.82	1
Bati .....	16,309	12,476	24,129	1.48	34,565	0.67	1
Jile Tsumiga .....	11,838	9,422	11,789	1.00	11,115	0.77	1
Artuma Fursi .....	14,442	10,097	12,678	0.88	12,374	0.80	1



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

Geographic Area.	Total Number of Crop Holders	Number of Holders Reporting	Number of Plough-Beams Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Plough-Beam (Birr)	Average Duration of Service of Plough-Beam (Years)
Amhara Region.....	2,989,354	2,329,211	4,030,791	1.35	27,983,262	4.27	4
North Gondar Zone .....	426,798	340,239	543,599	1.27	4,904,151	5.53	4
Addi Arkay .....	23,992	18,668	27,515	1.15	283,797	7.10	3
Beyeda .....	17,537	12,631	21,392	1.22	175,724	4.87	5
Janamora .....	29,184	21,884	34,175	1.17	218,904	4.04	4
Debark .....	21,492	17,249	25,176	1.17	160,523	4.23	3
Dabat .....	24,578	19,319	30,107	1.22	161,479	3.40	3
Sanja .....	24,523	22,071	27,852	1.14	243,879	7.02	2
Lay Armacheho .....	24,975	18,877	29,154	1.17	261,066	5.44	3
Wegera .....	37,057	28,546	48,852	1.32	474,370	5.51	6
Gondar Zuria .....	38,957	29,814	57,962	1.49	908,234	7.71	6
Dembia .....	41,272	33,256	60,180	1.46	429,531	4.03	5
Chilga .....	32,286	26,586	39,825	1.23	256,516	4.29	3
Metema .....	10,152	8,733	11,031	1.09	92,389	6.53	3
Quara .....	9,401	8,115	10,250	1.09	60,584	4.51	2
Alefa .....	46,244	35,984	59,406	1.28	388,147	4.11	4
Belesa .....	45,148	38,504	60,722	1.34	789,007	8.51	4
South Gondar Zone .....	374,252	299,433	580,602	1.55	2,630,112	2.39	4
Ebenat .....	41,969	33,783	58,446	1.39	350,985	3.44	4
Kemekem .....	30,786	23,980	41,170	1.34	481,473	6.54	5
Fogera .....	40,393	30,839	66,573	1.65	271,536	1.92	4
Farta .....	47,634	37,860	76,054	1.60	274,143	1.74	3
Lay Gayint .....	39,303	31,020	51,024	1.30	238,114	2.80	4
Tach Gayint .....	20,270	14,990	24,062	1.19	85,674	2.13	5
Simada .....	47,033	37,828	69,714	1.48	269,797	2.39	4
Estie .....	63,489	54,139	123,443	1.94	440,613	1.55	3
Dera .....	43,376	34,995	70,116	1.62	217,778	1.52	3
North Wollo Zone .....	307,669	235,601	364,557	1.18	3,887,793	7.21	5
Bugna .....	46,716	35,025	57,824	1.24	546,488	5.81	4
Kobo .....	41,472	34,024	45,494	1.10	739,647	12.19	4
Gidan .....	34,560	25,077	38,257	1.11	386,686	6.58	6
Meket .....	48,107	39,009	67,134	1.40	465,832	4.12	5
Wadala .....	26,661	22,870	41,462	1.56	197,545	2.62	5
Dawutna Delanta .....	35,910	27,773	46,493	1.29	493,126	6.19	6
Guba Lafto .....	35,600	26,969	38,087	1.07	549,485	10.26	6
Habru .....	38,645	24,853	29,807	0.77	508,984	14.14	4
South Wollo Zone .....	491,860	362,546	557,277	1.13	6,112,271	7.26	5
Mekdela .....	30,731	24,462	33,575	1.09	361,678	7.91	5
Tenta .....	35,460	25,504	34,435	0.97	468,840	9.92	6
Kutaber .....	21,652	17,034	26,533	1.23	473,526	11.28	9
Ambasel .....	26,365	20,277	31,561	1.20	541,519	10.82	7
Tehuledere .....	23,671	17,530	24,075	1.02	347,115	10.29	7
Werebabu .....	21,260	15,650	21,472	1.01	344,860	11.70	5
Kalu .....	39,177	26,726	37,471	0.96	591,316	11.29	5
Dessie Zuria .....	64,934	46,473	75,722	1.17	993,375	8.12	7
Legambo .....	35,598	24,139	35,366	0.99	271,152	5.28	5
Sayint .....	44,853	35,594	60,115	1.34	356,748	3.51	4
Debresina .....	36,673	26,259	46,406	1.27	175,766	2.16	3
Kelala .....	29,924	23,401	35,541	1.19	430,241	8.08	4
Jama .....	25,068	17,600	30,520	1.22	285,967	5.34	5
Were Ilu .....	29,715	21,606	31,107	1.05	304,734	6.82	5
Wegde .....	26,779	20,291	33,378	1.25	165,433	3.04	3
North Shewa (Amhara) Zone .....	338,763	252,590	414,706	1.22	3,708,816	5.54	4
Middana Weremo .....	16,652	11,473	17,621	1.06	71,617	2.65	3
Merhabete .....	23,035	17,851	26,030	1.13	77,887	2.04	2
Insarona Wayu .....	24,523	17,503	33,821	1.38	211,558	3.20	4
Moretna Jiru .....	17,289	13,382	20,773	1.20	163,894	4.80	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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	20,151	35,941	1.32	221,021	3.46	5
Geshe .....	11,701	8,668	12,670	1.08	104,856	5.50	5
Antsokiya Gemza .....	12,985	8,359	11,984	0.92	126,661	7.34	3
Efratana Gidim .....	18,721	14,413	21,878	1.17	254,830	7.76	3
Lalo Midir.....	23,780	17,909	31,664	1.33	182,146	3.28	4
Mojana Wadera .....	14,989	11,134	21,158	1.41	86,107	2.13	4
Tarma Ber.....	17,150	12,100	19,093	1.11	167,010	5.79	3
Kewet.....	20,399	14,800	19,528	0.96	289,641	11.32	4
Asagirt .....	9,625	7,530	11,598	1.20	122,583	6.98	4
Angolelana Tera .....	14,930	11,897	21,135	1.42	191,571	5.14	7
Ankober .....	15,834	11,974	17,038	1.08	192,009	7.89	4
Hagere Mariam.....	10,654	8,179	14,616	1.37	196,597	7.68	5
Berehet.....	5,414	4,793	6,752	1.25	125,482	13.42	4
Minjarna Shenkora .....	22,920	18,403	32,958	1.44	611,881	10.61	4
Basona Werana.....	30,894	22,073	38,450	1.24	311,467	4.72	4
East Gojam Zone .....	377,208	306,989	596,386	1.58	2,327,760	1.98	3
Bibugn .....	20,380	16,214	29,439	1.44	73,886	1.35	2
Hulet Ej Enese.....	42,922	36,704	69,343	1.62	237,902	1.72	4
Goncha Siso Enese.....	26,631	21,656	38,888	1.46	152,112	2.16	4
Enbise Sar Midir.....	26,244	20,908	33,308	1.27	154,067	2.86	4
Enarj Enawga .....	31,408	26,138	49,844	1.59	206,745	2.20	3
Enemay .....	26,307	21,407	48,035	1.83	213,180	1.98	4
Debay Telatgen .....	24,182	20,617	41,835	1.73	151,208	1.83	4
Machakel .....	38,432	32,790	64,701	1.68	193,940	1.51	3
Guzamn .....	42,814	36,098	62,752	1.47	200,302	1.83	3
Baso Liben.....	26,092	19,920	39,614	1.52	157,428	1.99	3
Awabel.....	32,111	26,496	56,179	1.75	253,637	2.11	4
Dejen.....	20,267	15,144	39,189	1.93	202,949	2.02	4
Shebel Berenta.....	19,419	12,899	23,259	1.20	130,404	3.09	3
West Gojam Zone.....	371,763	298,951	619,388	1.67	1,950,755	1.49	3
Achefer .....	47,990	38,842	74,837	1.56	272,771	1.90	3
Bahir Dar Zuria .....	44,777	33,659	79,096	1.77	276,101	1.49	3
Yilman Densa .....	53,378	42,278	87,514	1.64	232,792	1.26	4
Merawi.....	47,811	37,672	76,202	1.59	203,261	1.33	3
Sekela .....	25,751	21,924	37,422	1.45	82,444	1.28	3
Kuarit .....	30,012	25,549	51,878	1.73	149,503	1.43	3
Dega Damot.....	28,781	23,548	40,868	1.42	106,193	1.47	2
Dembecha.....	21,896	18,452	40,840	1.87	140,858	1.54	2
Jabi Tehnan.....	35,596	28,493	60,208	1.69	164,797	1.28	3
Bure Wemberma .....	35,772	28,535	70,524	1.97	322,035	1.79	3
Waghamra Zone .....	75,654	62,559	94,430	1.25	935,864	6.45	3
Zikuala .....	13,305	11,555	18,725	1.41	164,217	5.29	2
Sekota .....	33,740	27,526	42,648	1.26	439,512	6.40	3
Dehana.....	28,610	23,478	33,056	1.16	332,135	7.17	4
Awi Zone.....	152,723	117,698	193,637	1.27	553,725	1.71	3
Dangela .....	33,997	27,863	51,400	1.51	172,313	1.84	3
Banja.....	25,927	21,461	35,309	1.36	89,751	1.50	3
Ankesha.....	38,056	26,838	44,963	1.18	126,413	1.64	3
Guangua.....	31,273	22,330	30,823	0.99	82,582	1.95	2
Faggeta Lekoma.....	23,471	19,207	31,142	1.33	82,666	1.59	3
Oromia Zone.....	72,663	52,605	66,208	0.91	972,016	11.78	4
Chefe Golana Dawe Rahimedo.....	30,075	20,340	26,623	0.89	366,525	10.73	4
Bati .....	16,309	12,540	16,862	1.03	274,138	12.40	4
Jile Tsumiga .....	11,838	9,379	10,622	0.90	143,076	11.73	3
Artuma Fursi .....	14,442	10,345	12,101	0.84	188,277	13.28	4



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)
Amhara Region.....	2,989,354	2,283,412	2,628,066	0.88	48,590,555	16.03	8
North Gondar Zone .....	426,798	321,671	385,740	0.90	9,396,052	20.46	8
Addi Arkay .....	23,992	17,978	21,469	0.89	729,498	28.79	8
Beyeda .....	17,537	11,142	12,131	0.69	228,804	17.37	9
Janamora .....	29,184	19,291	21,737	0.74	463,304	19.26	9
Debark .....	21,492	16,605	18,759	0.87	578,948	27.29	11
Dabat .....	24,578	17,969	20,039	0.82	533,850	23.66	8
Sanja .....	24,523	21,711	28,014	1.14	884,224	24.44	7
Lay Armacheho .....	24,975	18,182	20,374	0.82	401,858	17.67	8
Wegera .....	37,057	26,143	31,359	0.85	636,359	16.73	9
Gondar Zuria .....	38,957	28,341	34,873	0.90	688,674	16.29	8
Dembia .....	41,272	30,981	37,961	0.92	915,276	19.84	10
Chilga .....	32,286	25,203	29,170	0.90	843,411	25.06	12
Metema .....	10,152	8,490	10,306	1.02	292,932	23.11	9
Quara .....	9,401	7,743	10,095	1.07	289,781	24.16	8
Alefa .....	46,244	33,429	39,251	0.85	984,866	21.27	8
Belesa .....	45,148	38,464	50,201	1.11	924,268	14.34	5
South Gondar Zone .....	374,252	292,274	342,730	0.92	5,514,702	13.83	8
Ebenat .....	41,969	32,388	39,060	0.93	512,039	11.00	6
Kemekem.....	30,786	23,431	27,699	0.90	472,329	14.38	7
Fogera .....	40,393	29,954	39,843	0.99	548,995	10.36	9
Farta .....	47,634	38,705	45,428	0.95	760,571	14.21	9
Lay Gayint.....	39,303	29,613	32,737	0.83	507,574	14.22	7
Tach Gayint.....	20,270	14,221	14,990	0.74	190,176	12.04	8
Simada .....	47,033	36,411	41,860	0.89	745,553	15.83	8
Estie .....	63,489	53,289	63,462	1.00	1,128,882	15.11	7
Dera .....	43,376	34,262	37,651	0.87	648,583	15.53	10
North Wollo Zone .....	307,669	234,333	264,754	0.86	4,008,539	13.48	5
Bugna.....	46,716	35,341	40,356	0.86	554,434	12.21	4
Kobo .....	41,472	34,370	36,907	0.89	603,646	15.19	4
Gidan .....	34,560	24,726	27,852	0.81	358,420	11.69	4
Meket.....	48,107	38,829	46,708	0.97	792,060	14.21	6
Wadala.....	26,661	22,216	26,264	0.99	399,501	12.94	8
Dawutna Delanta.....	35,910	27,239	30,632	0.85	474,423	13.79	7
Guba Lafto.....	35,600	26,852	29,614	0.83	423,184	12.98	4
Habru .....	38,645	24,760	26,422	0.68	402,871	14.32	4
South Wollo Zone .....	491,860	359,827	383,214	0.78	6,268,152	15.36	7
Mekdela.....	30,731	24,287	25,744	0.84	383,512	14.13	6
Tenta .....	35,460	25,608	27,311	0.77	435,130	14.96	6
Kutaber .....	21,652	16,989	18,874	0.87	360,879	17.26	9
Ambasel.....	26,365	20,344	21,605	0.82	335,177	14.57	6
Tehuledere .....	23,671	17,259	18,145	0.77	296,964	15.56	7
Werebaba.....	21,260	15,420	17,349	0.82	273,730	14.02	4
Kalu .....	39,177	26,870	28,107	0.72	488,517	16.64	5
Dessie Zuria.....	64,934	45,869	48,969	0.75	765,353	14.77	7
Legambo .....	35,598	23,836	25,306	0.71	281,943	10.55	5
Sayint.....	44,853	35,503	37,020	0.83	613,389	15.93	9
Debresina.....	36,673	26,017	27,206	0.74	463,350	16.28	9
Kelala.....	29,924	23,334	25,704	0.86	532,233	18.61	4
Jama .....	25,068	17,453	18,608	0.74	310,944	15.66	7
Were Ilu.....	29,715	21,419	22,332	0.75	304,336	13.11	7
Wegde.....	26,779	19,618	20,934	0.78	422,695	18.93	6
North Shewa (Amhara) Zone.....	338,763	252,061	296,532	0.88	4,716,237	13.31	6
Middana Weremo .....	16,652	11,469	12,822	0.77	164,175	11.40	5
Merhabete.....	23,035	17,839	20,196	0.88	269,866	11.85	5
Insarona Wayu.....	24,523	17,498	21,176	0.86	341,844	13.26	8
Moretna Jiru .....	17,289	13,426	14,904	0.86	188,886	11.42	6



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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	19,934	23,700	0.87	333,154	11.84	7
Geshe .....	11,701	8,736	9,220	0.79	96,321	9.83	7
Antsokiya Gemza .....	12,985	8,351	8,594	0.66	160,298	18.00	4
Efratana Gidim .....	18,721	14,195	15,565	0.83	301,795	18.32	3
Lalo Midir.....	23,780	17,672	18,879	0.79	307,032	15.33	8
Mojana Wadera .....	14,989	10,913	11,802	0.79	151,825	12.04	8
Tarma Ber.....	17,150	12,316	14,294	0.83	201,832	12.11	4
Kewet.....	20,399	14,935	16,753	0.82	275,094	14.83	5
Asagirt.....	9,625	7,466	8,699	0.90	204,152	16.82	7
Angolelana Tera .....	14,930	11,840	15,915	1.07	200,420	9.21	9
Ankober.....	15,834	11,976	13,426	0.85	202,807	13.59	4
Hagere Mariam.....	10,654	8,178	10,401	0.98	169,227	12.80	7
Berehet.....	5,414	4,771	5,753	1.06	114,736	16.57	5
Minjarna Shenkora .....	22,920	18,377	27,094	1.18	646,114	15.93	7
Basona Werana.....	30,894	22,169	27,340	0.88	386,659	11.34	7
East Gojam Zone .....	377,208	299,591	357,955	0.95	7,916,657	18.47	11
Bibugn .....	20,380	15,166	15,905	0.78	303,803	18.34	10
Hulet Ej Enese.....	42,922	35,073	39,263	0.91	594,904	13.88	11
Goncha Siso Enese.....	26,631	20,842	22,526	0.85	422,327	17.40	10
Enbise Sar Midir.....	26,244	20,503	21,334	0.81	396,809	17.81	8
Enarj Enawga .....	31,408	25,550	28,348	0.90	677,628	21.63	12
Enemay .....	26,307	20,685	26,359	1.00	749,479	22.51	12
Debay Telatgen .....	24,182	19,809	24,194	1.00	647,872	22.38	13
Machakel .....	38,432	32,222	40,773	1.06	651,041	13.02	11
Guzamn .....	42,814	35,588	41,047	0.96	933,261	19.77	12
Baso Liben.....	26,092	19,818	24,249	0.93	541,233	18.30	9
Awabel.....	32,111	26,376	37,824	1.18	954,550	17.58	11
Dejen.....	20,267	15,217	22,260	1.10	698,448	21.82	11
Shebel Berenta.....	19,419	12,741	13,873	0.71	345,303	22.81	9
West Gojam Zone.....	371,763	291,077	328,422	0.88	6,816,664	18.48	10
Achefer .....	47,990	38,904	44,671	0.93	837,290	16.34	9
Bahir Dar Zuria .....	44,777	33,160	38,148	0.85	957,445	22.00	11
Yilman Densa .....	53,378	38,881	41,268	0.77	927,567	21.17	11
Merawi.....	47,811	36,667	39,953	0.84	717,480	16.63	13
Sekela .....	25,751	21,734	23,182	0.90	293,568	12.04	7
Kuarit.....	30,012	24,116	26,007	0.87	665,102	23.76	10
Dega Damot.....	28,781	22,400	22,764	0.79	583,071	25.17	11
Dembecha.....	21,896	18,492	23,026	1.05	552,791	19.14	10
Jabi Tehnan.....	35,596	28,237	33,392	0.94	655,089	16.89	9
Bure Wemberma .....	35,772	28,486	36,011	1.01	627,263	13.58	9
Waghamra Zone .....	75,654	62,046	74,658	0.99	1,292,733	14.42	5
Zikuala .....	13,305	11,632	15,838	1.19	291,414	13.69	5
Sekota .....	33,740	27,551	33,480	0.99	590,725	14.51	4
Dehana.....	28,610	22,863	25,340	0.89	410,594	14.75	6
Awi Zone.....	152,723	117,493	136,795	0.90	1,750,915	10.95	7
Dangela .....	33,997	27,512	33,235	0.98	532,698	13.23	8
Banja.....	25,927	20,822	22,128	0.85	215,414	9.16	8
Ankesha.....	38,056	26,408	30,589	0.80	301,176	8.43	7
Guangua.....	31,273	23,853	28,683	0.92	442,987	12.89	5
Faggeta Lekoma.....	23,471	18,897	22,159	0.94	258,640	10.26	8
Oromia Zone.....	72,663	53,038	57,267	0.79	909,904	14.76	3
Chefe Golana Dawe Rahimedo	30,075	20,374	22,411	0.75	339,240	13.90	3
Bati .....	16,309	12,761	14,002	0.86	237,870	15.41	3
Jile Tsumiga .....	11,838	9,571	9,964	0.84	139,869	13.46	3
Artuma Fursi .....	14,442	10,331	10,890	0.75	192,924	16.88	3



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

Geographic Area.	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Wegel' -Tips Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Wegel' -Tip (Birr)	Average Duration of Service of 'Wegel' -Tip (Years)
Amhara Region.....	2,989,354	2,282,885	2,556,122	0.86	10,792,587	3.77	6
North Gonder Zone .....	426,798	320,526	369,561	0.87	1,963,394	4.61	6
Addi Arkay .....	23,992	18,105	21,707	0.90	159,802	6.13	5
Beyeda .....	17,537	11,320	12,307	0.70	55,886	4.17	5
Janamora .....	29,184	20,062	22,707	0.78	123,043	4.77	6
Debark .....	21,492	16,470	20,301	0.94	94,884	3.94	5
Dabat .....	24,578	18,034	20,309	0.83	92,048	4.04	6
Sanja .....	24,523	21,295	26,161	1.07	177,097	5.55	4
Lay Armacheho .....	24,975	17,441	18,773	0.75	125,604	6.24	6
Wegera .....	37,057	25,912	29,938	0.81	121,546	3.53	8
Gondar Zuria .....	38,957	28,771	31,802	0.82	140,856	3.91	7
Dembia .....	41,272	31,864	34,430	0.83	198,720	5.34	8
Chilga .....	32,286	24,958	27,673	0.86	191,229	6.23	8
Metema .....	10,152	8,565	10,383	1.02	67,559	5.28	7
Quara .....	9,401	7,762	9,410	1.00	49,220	4.40	5
Alefa .....	46,244	32,881	38,129	0.82	149,277	3.36	6
Belesa .....	45,148	37,084	45,530	1.01	216,624	3.90	5
South Gonder Zone .....	374,252	290,919	315,269	0.84	1,145,353	3.35	7
Ebenat .....	41,969	32,549	35,988	0.86	126,672	3.14	5
Kemekem .....	30,786	22,889	25,117	0.82	95,233	3.43	6
Fogera .....	40,393	30,331	33,775	0.84	97,039	2.59	7
Farta .....	47,634	38,122	40,974	0.86	147,970	3.34	8
Lay Gayint .....	39,303	29,836	32,325	0.82	143,862	4.09	6
Tach Gayint .....	20,270	14,189	14,629	0.72	52,147	3.45	8
Simada .....	47,033	36,272	38,173	0.81	161,933	4.05	9
Estie .....	63,489	52,642	57,518	0.91	206,306	3.30	7
Dera .....	43,376	34,090	36,771	0.85	114,192	2.88	8
North Wollo Zone .....	307,669	234,416	263,470	0.86	1,089,938	3.69	4
Bugna .....	46,716	35,109	39,671	0.85	165,328	3.71	3
Kobo .....	41,472	34,333	37,298	0.90	150,722	3.73	4
Gidan .....	34,560	24,920	27,592	0.80	114,080	3.74	4
Meket .....	48,107	38,649	45,539	0.95	198,031	3.69	5
Wadala .....	26,661	22,272	26,442	0.99	108,731	3.52	7
Dawutna Delanta .....	35,910	27,115	30,303	0.84	121,550	3.60	6
Guba Lafto .....	35,600	26,976	29,572	0.83	107,317	3.31	4
Habru .....	38,645	25,043	27,053	0.70	124,179	4.30	4
South Wollo Zone .....	491,860	361,450	388,112	0.79	1,886,279	4.50	5
Mekdela .....	30,731	24,593	25,950	0.84	130,816	4.80	5
Tenta .....	35,460	25,695	27,807	0.78	132,565	4.38	5
Kutaber .....	21,652	17,074	19,786	0.91	139,975	6.08	7
Ambasel .....	26,365	20,227	21,768	0.83	108,241	4.58	5
Tehuledere .....	23,671	17,342	18,308	0.77	95,230	4.87	5
Werebabu .....	21,260	15,275	16,925	0.80	75,636	4.03	4
Kalu .....	39,177	27,074	28,841	0.74	122,981	3.99	4
Dessie Zuria .....	64,934	45,993	49,828	0.77	237,116	4.37	6
Legambo .....	35,598	24,022	25,413	0.71	92,460	3.43	5
Sayint .....	44,853	35,372	36,909	0.82	178,339	4.64	6
Debresina .....	36,673	26,097	27,494	0.75	131,910	4.56	8
Kelala .....	29,924	23,589	25,985	0.87	137,154	4.72	5
Jama .....	25,068	17,630	19,178	0.77	87,697	4.19	5
Were Ilu .....	29,715	21,600	22,667	0.76	101,129	4.21	5
Wegde .....	26,779	19,865	21,252	0.79	115,030	5.09	6
North Shewa (Amhara) Zone .....	338,763	251,352	292,996	0.86	1,152,669	3.35	5
Middana Weremo .....	16,652	11,297	12,558	0.75	35,755	2.55	4
Merhabete .....	23,035	17,567	19,530	0.85	54,227	2.50	4
Insarona Wayu .....	24,523	17,458	20,670	0.84	68,918	2.83	6
Moretna Jiru .....	17,289	13,342	14,521	0.84	41,220	2.59	4



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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	19,806	23,744	0.87	93,021	3.24	6
Geshe .....	11,701	8,722	9,354	0.80	28,516	2.87	5
Antsokiya Gemza .....	12,985	8,439	8,850	0.68	36,031	3.89	3
Efratana Gidim .....	18,721	14,234	15,214	0.81	76,385	4.69	3
Lalo Midir.....	23,780	17,769	19,622	0.83	86,543	4.02	6
Mojana Wadera .....	14,989	10,887	12,018	0.80	36,280	2.78	6
Tarma Ber.....	17,150	12,124	14,439	0.84	51,800	2.96	4
Kewet.....	20,399	14,702	16,670	0.82	63,387	3.39	4
Asagirt.....	9,625	7,462	8,574	0.89	40,370	4.12	7
Angolelana Tera .....	14,930	11,844	14,895	1.00	47,018	2.48	6
Ankober.....	15,834	12,071	13,749	0.87	64,979	4.22	5
Hagere Mariam.....	10,654	8,220	10,191	0.96	44,184	3.48	6
Berehet.....	5,414	4,748	5,858	1.08	38,363	5.45	5
Minjarna Shenkora .....	22,920	18,373	26,336	1.15	153,898	4.09	7
Basona Werana.....	30,894	22,288	26,205	0.85	91,775	2.96	5
East Gojam Zone .....	377,208	299,748	333,754	0.88	1,383,355	3.74	8
Bibugn .....	20,380	14,925	16,070	0.79	70,815	4.15	8
Hulet Ej Enese.....	42,922	35,164	36,747	0.86	137,406	3.59	9
Goncha Siso Enese.....	26,631	21,046	22,272	0.84	95,066	3.99	7
Enbise Sar Midir.....	26,244	20,521	21,195	0.81	91,400	4.17	7
Enarj Enawga .....	31,408	25,186	26,868	0.86	123,398	4.37	10
Enemay .....	26,307	20,989	22,521	0.86	102,206	4.22	9
Debay Telatgen .....	24,182	19,944	22,222	0.92	100,778	4.12	10
Machakel .....	38,432	32,376	38,849	1.01	125,497	2.72	8
Guzamn .....	42,814	35,822	40,536	0.95	162,201	3.54	8
Baso Liben.....	26,092	19,879	23,315	0.89	87,143	3.16	6
Awabel.....	32,111	26,300	33,038	1.03	146,094	3.50	7
Dejen.....	20,267	14,980	17,078	0.84	88,533	4.58	8
Shebel Berenta.....	19,419	12,615	13,045	0.67	52,819	3.94	7
West Gojam Zone.....	371,763	291,300	321,801	0.87	1,159,022	3.27	7
Achefer .....	47,990	39,171	43,847	0.91	133,381	2.73	7
Bahir Dar Zuria .....	44,777	33,416	37,882	0.85	140,617	3.29	8
Yilman Densa .....	53,378	38,124	39,481	0.74	166,061	4.09	9
Merawi.....	47,811	36,650	39,682	0.83	140,028	3.27	8
Sekela .....	25,751	21,738	22,881	0.89	59,140	2.47	5
Kuarit.....	30,012	23,977	24,792	0.83	93,969	3.66	6
Dega Damot.....	28,781	22,831	23,647	0.82	114,229	4.70	8
Dembecha.....	21,896	18,377	22,450	1.03	84,540	3.01	7
Jabi Tehnan.....	35,596	28,306	31,624	0.89	106,299	3.00	6
Bure Wemberma .....	35,772	28,711	35,515	0.99	120,758	2.73	7
Waghamra Zone .....	75,654	62,110	76,007	1.00	377,300	4.09	4
Zikuala .....	13,305	11,402	14,635	1.10	72,944	3.94	3
Sekota .....	33,740	27,594	35,197	1.04	156,946	3.48	4
Dehana.....	28,610	23,114	26,175	0.91	147,410	5.00	4
Awi Zone.....	152,723	118,191	137,980	0.90	400,407	2.47	6
Dangela .....	33,997	27,701	33,781	0.99	115,360	2.80	7
Banja.....	25,927	20,991	22,671	0.87	54,887	2.23	6
Ankesha.....	38,056	26,474	30,778	0.81	75,916	2.11	5
Guangua.....	31,273	24,065	29,316	0.94	90,743	2.57	4
Faggeta Lekoma.....	23,471	18,960	21,435	0.91	63,501	2.60	6
Oromia Zone.....	72,663	52,873	57,171	0.79	234,870	3.81	3
Chefe Golana Dawe Rahimedo.	30,075	20,478	22,287	0.74	82,948	3.45	3
Bati .....	16,309	12,535	14,002	0.86	66,197	4.25	3
Jile Tsumiga .....	11,838	9,556	9,944	0.84	36,036	3.46	3
Artuma Fursi .....	14,442	10,304	10,937	0.76	49,689	4.29	3



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

Geographic Area.	Total Number of Crop Holders	Number of Holders Reporting	Number of Yokes Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Yoke (Birr)	Average Duration of Service of Yoke (Years)
Amhara Region.....	2,989,354	2,294,919	2,788,608	0.93	16,174,215	4.85	6
North Gondar Zone .....	426,798	334,662	425,924	1.00	2,153,625	4.01	4
Addi Arkay .....	23,992	18,690	25,710	1.07	192,737	5.48	3
Beyeda .....	17,537	12,317	16,487	0.94	80,902	3.72	4
Janamora .....	29,184	21,102	27,698	0.95	124,794	3.36	4
Debark .....	21,492	17,057	25,447	1.18	88,693	2.45	3
Dabat .....	24,578	18,907	23,198	0.94	83,340	2.95	3
Sanja .....	24,523	22,183	27,002	1.10	188,423	5.75	2
Lay Armacheho .....	24,975	18,544	23,505	0.94	103,896	3.54	3
Wegera .....	37,057	27,851	34,786	0.94	153,073	3.49	6
Gondar Zuria .....	38,957	29,440	36,801	0.94	205,496	4.40	5
Dembia .....	41,272	31,434	34,413	0.83	211,573	5.58	6
Chilga .....	32,286	26,790	33,243	1.03	130,195	3.22	3
Metema .....	10,152	8,778	11,116	1.09	68,533	4.82	3
Quara .....	9,401	8,112	9,972	1.06	44,905	3.66	2
Alefa .....	46,244	35,302	42,651	0.92	216,695	4.25	6
Belesa .....	45,148	38,154	53,896	1.19	260,370	3.54	3
South Gondar Zone .....	374,252	290,171	343,763	0.92	2,101,336	5.23	7
Ebenat .....	41,969	33,356	44,273	1.05	199,996	3.44	4
Kemekem .....	30,786	23,594	28,105	0.91	156,428	4.73	5
Fogera .....	40,393	29,816	34,975	0.87	249,307	6.21	9
Farta .....	47,634	36,892	41,996	0.88	307,990	6.36	9
Lay Gayint .....	39,303	29,810	37,542	0.96	183,979	3.97	6
Tach Gayint .....	20,270	14,600	17,959	0.89	49,993	2.26	7
Simada .....	47,033	35,780	39,668	0.84	237,128	5.43	9
Estie .....	63,489	51,863	61,342	0.97	485,697	6.75	8
Dera .....	43,376	34,460	37,903	0.87	230,818	5.55	8
North Wollo Zone .....	307,669	231,974	290,415	0.94	1,459,200	4.05	5
Bugna .....	46,716	34,472	46,594	1.00	227,533	3.65	4
Kobo .....	41,472	33,862	41,300	1.00	239,685	4.78	5
Gidan .....	34,560	24,962	29,702	0.86	145,913	4.10	6
Meket .....	48,107	38,761	53,046	1.10	242,160	3.38	5
Wadala .....	26,661	22,239	28,843	1.08	122,728	3.34	7
Dawutna Delanta .....	35,910	26,993	32,106	0.89	177,114	4.64	7
Guba Lafto .....	35,600	25,959	30,152	0.85	145,184	4.14	5
Habru .....	38,645	24,726	28,671	0.74	158,884	4.83	4
South Wollo Zone .....	491,860	360,309	421,924	0.86	2,678,442	5.46	6
Mekdela .....	30,731	24,435	26,937	0.88	207,964	7.16	7
Tenta .....	35,460	25,290	27,675	0.78	182,879	6.06	6
Kutaber .....	21,652	17,015	20,985	0.97	160,422	6.30	8
Ambasel .....	26,365	20,282	27,594	1.05	166,421	4.50	6
Tehuledere .....	23,671	17,076	20,182	0.85	106,669	4.53	6
Werebaba .....	21,260	15,639	18,810	0.88	126,315	5.72	5
Kalu .....	39,177	26,852	33,203	0.85	194,248	4.73	5
Dessie Zuria .....	64,934	46,542	55,012	0.85	377,067	5.81	8
Legambo .....	35,598	23,668	25,949	0.73	169,136	5.98	7
Sayint .....	44,853	35,290	42,654	0.95	197,506	3.76	7
Debresina .....	36,673	26,040	29,352	0.80	167,140	5.06	7
Kelala .....	29,924	23,269	26,789	0.90	213,149	6.87	5
Jama .....	25,068	17,358	20,514	0.82	149,881	6.19	6
Were Ilu .....	29,715	21,368	23,805	0.80	132,410	5.11	6
Wegde .....	26,779	20,184	22,462	0.84	127,236	5.13	6
North Shewa (Amhara) Zone .....	338,763	250,737	304,143	0.90	1,759,641	4.73	6
Middana Weremo .....	16,652	11,484	14,596	0.88	42,635	2.28	3
Merhabete .....	23,035	17,809	23,378	1.01	58,096	1.87	3
Insarona Wayu .....	24,523	17,203	20,667	0.84	133,395	5.43	8
Moretna Jiru .....	17,289	13,156	15,636	0.90	86,069	4.71	5



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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	19,773	23,540	0.86	97,312	3.46	7
Geshe .....	11,701	8,608	9,939	0.85	35,651	3.09	7
Antsokiya Gemza .....	12,985	8,482	10,496	0.81	44,824	3.38	4
Efratana Gidim .....	18,721	14,286	17,517	0.94	76,511	3.52	4
Lalo Midir.....	23,780	17,689	20,169	0.85	98,863	4.27	7
Mojana Wadera .....	14,989	10,900	12,330	0.82	61,243	4.34	9
Tarma Ber.....	17,150	12,138	14,974	0.87	71,597	3.82	5
Kewet.....	20,399	14,824	17,354	0.85	102,924	5.06	5
Asagirt.....	9,625	7,492	8,553	0.89	66,900	6.88	8
Angolelana Tera .....	14,930	11,826	14,663	0.98	90,762	5.03	10
Ankober.....	15,834	11,934	13,479	0.85	108,199	7.02	6
Hagere Mariam.....	10,654	8,102	10,415	0.98	84,143	6.16	8
Berehet.....	5,414	4,785	6,000	1.11	68,791	9.28	7
Minjarna Shenkora .....	22,920	18,395	25,413	1.11	278,351	7.89	8
Basona Werana.....	30,894	21,850	25,025	0.81	153,376	5.37	7
East Gojam Zone .....	377,208	301,627	361,336	0.96	2,467,273	5.91	7
Bibugn .....	20,380	15,163	16,246	0.80	120,961	7.08	7
Hulet Ej Enese.....	42,922	35,706	40,061	0.93	324,756	7.26	9
Goncha Siso Enese.....	26,631	21,171	24,245	0.91	154,473	5.61	7
Enbise Sar Midir.....	26,244	20,558	24,957	0.95	144,072	4.88	6
Enarj Enawga .....	31,408	25,846	29,213	0.93	286,373	8.78	8
Enemay .....	26,307	20,907	22,678	0.86	265,283	10.83	9
Debay Telatgen .....	24,182	20,227	22,610	0.93	220,087	8.79	10
Machakel .....	38,432	32,480	45,917	1.19	175,763	2.89	4
Guzamn .....	42,814	35,661	44,907	1.05	214,066	3.89	6
Baso Liben.....	26,092	19,755	23,708	0.91	99,257	3.58	5
Awabel.....	32,111	26,488	34,460	1.07	216,782	4.89	6
Dejen.....	20,267	14,929	18,474	0.91	143,149	6.36	6
Shebel Berenta.....	19,419	12,737	13,860	0.71	102,251	6.77	7
West Gojam Zone.....	371,763	293,932	345,584	0.93	2,263,719	5.63	6
Achefer .....	47,990	38,980	45,379	0.95	215,782	4.08	6
Bahir Dar Zuria .....	44,777	33,688	39,480	0.88	274,132	5.97	8
Yilman Densa .....	53,378	39,618	44,392	0.83	497,629	10.28	10
Merawi.....	47,811	37,090	41,780	0.87	192,055	4.06	5
Sekela .....	25,751	21,776	24,646	0.96	76,475	2.76	5
Kuarit.....	30,012	24,672	27,300	0.91	203,541	6.78	7
Dega Damot.....	28,781	22,980	24,325	0.85	204,046	7.86	8
Dembecha.....	21,896	18,325	25,987	1.19	185,352	5.01	5
Jabi Tehnan.....	35,596	28,447	33,528	0.94	204,750	5.12	4
Bure Wemberma .....	35,772	28,356	38,769	1.08	209,957	3.91	4
Waghamra Zone .....	75,654	62,112	84,636	1.12	524,217	4.46	3
Zikuala .....	13,305	11,563	17,279	1.30	112,336	4.23	3
Sekota .....	33,740	27,527	37,326	1.11	263,844	5.07	4
Dehana.....	28,610	23,023	30,031	1.05	148,037	3.85	3
Awii Zone.....	152,723	116,443	149,501	0.98	417,368	2.17	4
Dangela .....	33,997	27,653	36,552	1.08	130,312	2.71	4
Banja.....	25,927	21,316	24,987	0.96	67,146	2.25	5
Ankesha.....	38,056	26,409	34,891	0.92	91,948	1.98	3
Guangua.....	31,273	22,227	29,425	0.94	61,781	1.60	2
Faggeta Lekoma.....	23,471	18,837	23,645	1.01	66,182	2.23	4
Oromia Zone.....	72,663	52,951	61,381	0.84	349,394	4.89	4
Chefe Golana Dawe Rahimedo.....	30,075	20,681	24,598	0.82	137,993	4.73	4
Bati .....	16,309	12,384	15,229	0.93	104,114	5.55	5
Jile Tsumiga .....	11,838	9,529	10,260	0.87	46,127	4.14	4
Artuma Fursi .....	14,442	10,358	11,294	0.78	61,159	5.03	4



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)
Amhara Region.....	2,989,354	2,686,409	5,507,067	1.84	30,832,048	2.97	5
North Gondar Zone .....	426,798	373,397	634,859	1.49	7,167,033	6.91	5
Addi Arkay .....	23,992	21,657	33,171	1.38	544,813	10.82	5
Beyeda .....	17,537	14,696	19,520	1.11	226,608	8.80	6
Janamora .....	29,184	23,787	33,621	1.15	457,771	9.66	6
Debark .....	21,492	19,526	29,459	1.37	421,554	9.42	6
Dabat .....	24,578	21,842	33,842	1.38	347,222	6.59	4
Sanja .....	24,523	22,398	37,971	1.55	585,991	9.31	4
Lay Armacheho .....	24,975	21,334	36,530	1.46	283,303	4.63	4
Wegera .....	37,057	31,655	47,843	1.29	406,691	5.63	5
Gondar Zuria .....	38,957	33,894	63,578	1.63	588,441	5.16	4
Dembia .....	41,272	37,610	89,394	2.17	654,848	3.28	4
Chilga .....	32,286	28,352	48,577	1.50	631,013	7.75	5
Metema .....	10,152	9,109	17,189	1.69	238,648	7.68	6
Quara .....	9,401	8,724	14,273	1.52	235,678	10.34	5
Alefa .....	46,244	39,185	64,720	1.40	720,369	6.96	5
Belesa .....	45,148	39,628	65,171	1.44	824,084	7.88	4
South Gondar Zone .....	374,252	337,092	788,254	2.11	2,883,224	1.73	5
Ebenat .....	41,969	36,154	67,128	1.60	303,691	2.43	5
Kemekem .....	30,786	28,012	60,845	1.98	359,265	2.99	4
Fogera .....	40,393	36,375	98,487	2.44	252,359	0.95	5
Farta .....	47,634	44,780	114,718	2.41	309,655	1.02	5
Lay Gayint .....	39,303	34,712	56,729	1.44	435,657	4.92	5
Tach Gayint .....	20,270	17,724	38,081	1.88	144,993	1.87	6
Simada .....	47,033	41,247	100,923	2.15	302,425	1.18	5
Estie .....	63,489	59,110	153,122	2.41	566,823	1.39	4
Dera .....	43,376	38,979	98,221	2.26	208,358	1.30	4
North Wollo Zone .....	307,669	277,490	578,482	1.88	2,526,315	2.22	4
Bugna .....	46,716	41,840	94,385	2.02	417,822	2.01	4
Kobo .....	41,472	36,914	59,156	1.43	477,476	5.24	5
Gidan .....	34,560	31,074	60,738	1.76	252,624	2.13	4
Meket .....	48,107	44,930	106,046	2.20	371,253	1.50	5
Wadala .....	26,661	24,719	59,929	2.25	196,532	1.32	4
Dawutna Delanta .....	35,910	32,010	73,329	2.04	217,792	1.33	4
Guba Lafto .....	35,600	32,315	65,656	1.84	314,011	2.49	4
Habru .....	38,645	33,690	59,243	1.53	278,806	2.65	4
South Wollo Zone .....	491,860	450,407	955,702	1.94	3,842,211	1.86	5
Mekdela .....	30,731	28,397	64,319	2.09	266,799	1.85	5
Tenta .....	35,460	32,169	64,182	1.81	274,933	2.12	5
Kutaber .....	21,652	20,725	52,253	2.41	284,205	2.11	6
Ambasel .....	26,365	25,178	58,577	2.22	270,628	1.88	5
Tehuledere .....	23,671	21,517	41,204	1.74	171,417	2.17	5
Werebaba .....	21,260	19,558	41,171	1.94	186,636	2.17	6
Kalu .....	39,177	37,001	77,468	1.98	326,370	1.96	5
Dessie Zuria .....	64,934	60,168	137,512	2.12	535,329	1.68	5
Legambo .....	35,598	30,391	53,907	1.51	162,104	1.64	4
Sayint .....	44,853	41,999	96,546	2.15	374,797	1.72	6
Debresina .....	36,673	32,521	63,288	1.73	197,334	1.58	5
Kelala .....	29,924	27,477	54,693	1.83	241,557	2.22	4
Jama .....	25,068	23,142	48,439	1.93	202,323	1.98	4
Were Ilu .....	29,715	26,540	56,377	1.90	183,299	1.48	4
Wegde .....	26,779	23,625	45,765	1.71	164,480	1.83	4
North Shewa (Amhara) Zone .....	338,763	300,307	698,017	2.06	3,072,758	2.00	5
Middana Weremo .....	16,652	14,786	26,883	1.61	72,667	1.47	4
Merhabete .....	23,035	21,020	49,210	2.14	120,713	1.02	4
Insarona Wayu .....	24,523	21,478	54,250	2.21	218,446	1.60	4
Moretna Jiru .....	17,289	15,209	37,743	2.18	101,164	1.06	4



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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	24,450	55,834	2.05	198,194	1.53	6
Geshe .....	11,701	10,477	22,355	1.91	66,156	1.37	5
Antsokiya Gemza .....	12,985	11,707	19,633	1.51	81,847	2.42	5
Efratana Gidim .....	18,721	16,892	32,285	1.72	127,067	2.03	4
Lalo Midir.....	23,780	21,746	52,011	2.19	186,058	1.46	5
Mojana Wadera .....	14,989	13,034	38,837	2.59	87,886	0.77	5
Tarma Ber.....	17,150	15,074	36,234	2.11	149,313	1.66	5
Kewet.....	20,399	17,514	38,561	1.89	175,383	2.10	5
Asagirt.....	9,625	8,884	19,956	2.07	101,735	2.20	8
Angolelana Tera .....	14,930	13,268	33,878	2.27	184,931	2.14	6
Ankober.....	15,834	14,512	33,140	2.09	152,599	2.14	6
Hagere Mariam.....	10,654	9,535	21,241	1.99	245,646	5.08	6
Berehet.....	5,414	4,868	9,775	1.81	89,976	4.57	7
Minjarna Shenkora .....	22,920	18,971	32,880	1.43	514,302	9.04	5
Basona Werana.....	30,894	26,881	83,311	2.70	198,676	0.78	4
East Gojam Zone .....	377,208	341,537	645,285	1.71	4,016,007	3.51	6
Bibugn .....	20,380	17,365	26,320	1.29	233,267	5.95	6
Hulet Ej Enese.....	42,922	37,022	54,903	1.28	500,116	6.14	6
Goncha Siso Enese.....	26,631	23,370	39,628	1.49	272,824	4.06	5
Enbise Sar Midir.....	26,244	22,549	39,760	1.52	276,301	4.41	5
Enarj Enawga .....	31,408	27,431	41,621	1.33	420,437	6.94	7
Enemay .....	26,307	23,615	43,858	1.67	260,616	3.23	6
Debay Telatgen .....	24,182	22,644	36,384	1.50	254,312	4.51	7
Machakel .....	38,432	36,624	87,466	2.28	379,434	1.91	6
Guzamn .....	42,814	40,489	82,878	1.94	614,314	3.55	7
Baso Liben.....	26,092	25,088	58,284	2.23	172,518	1.27	5
Awabel.....	32,111	30,038	62,680	1.95	321,827	2.50	6
Dejen.....	20,267	18,413	40,294	1.99	200,094	2.25	6
Shebel Berenta.....	19,419	16,888	31,210	1.61	109,947	1.80	5
West Gojam Zone.....	371,763	329,684	617,237	1.66	4,431,701	3.94	5
Achefer .....	47,990	43,486	74,341	1.55	545,275	4.41	4
Bahir Dar Zuria .....	44,777	36,873	71,304	1.59	626,167	4.93	5
Yilman Densa .....	53,378	46,274	79,127	1.48	503,655	3.85	4
Merawi.....	47,811	44,278	82,143	1.72	362,887	2.50	5
Sekela .....	25,751	23,163	50,269	1.95	162,392	1.47	5
Kuarit.....	30,012	27,071	44,362	1.48	409,668	5.82	5
Dega Damot.....	28,781	25,340	41,856	1.45	298,253	4.28	7
Dembecha.....	21,896	18,823	42,553	1.94	355,853	3.63	5
Jabi Tehnan.....	35,596	32,495	62,285	1.75	508,359	4.39	5
Bure Wemberma .....	35,772	31,882	68,997	1.93	659,192	4.42	5
Waghamra Zone .....	75,654	71,314	139,069	1.84	1,052,162	4.02	5
Zikuala .....	13,305	12,567	22,235	1.67	264,776	6.89	5
Sekota .....	33,740	31,752	63,160	1.87	411,649	3.35	5
Dehana.....	28,610	26,994	53,675	1.88	375,738	3.61	6
Awi Zone.....	152,723	138,607	320,313	2.10	1,234,157	1.79	5
Dangela .....	33,997	30,941	62,729	1.85	608,985	4.89	4
Banja.....	25,927	23,612	56,498	2.18	128,098	0.95	5
Ankesha.....	38,056	34,340	76,739	2.02	203,015	1.17	4
Guangua.....	31,273	28,390	69,410	2.22	171,698	1.08	4
Faggeta Lekoma.....	23,471	21,325	54,938	2.34	122,362	0.85	5
Oromia Zone.....	72,663	66,575	129,849	1.79	606,477	2.36	5
Chefe Golana Dawe Rahimedo.....	30,075	28,156	54,889	1.83	265,515	2.48	5
Bati .....	16,309	14,783	31,726	1.95	157,843	2.32	6
Jile Tsumiga .....	11,838	10,719	20,431	1.73	80,114	1.94	5
Artuma Fursi .....	14,442	12,917	22,803	1.58	103,005	2.48	5



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

Geographic Area.	Total Number of Crop Holders	Number of Holders Reporting	Number of Hay-Forks Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Hay-Fork (Birr)	Average Duration of Service of Hay-Fork (Years)
Amhara Region.....	2,989,354	45,811	56,272	0.02	592,850	9.21	11
North Gondar Zone .....	426,798	11,433	13,720	0.03	191,811	12.94	12
Addi Arkay .....	23,992	523	595	0.02	5,190	8.48	8
Beyeda .....	17,537	308	379	0.02	2,733	6.65	7
Janamora .....	29,184	420	535	0.02	2,612	3.75	8
Debark .....	21,492	342	342	0.02	2,402	7.02	8
Dabat .....	24,578	1,638	1,849	0.08	39,047	19.40	12
Sanja .....	24,523	265	265	0.01	3,114	11.75	*
Lay Armacheho .....	24,975	485	630	0.03	*	*	14
Wegera .....	37,057	716	821	0.02	6,486	6.80	16
Gondar Zuria .....	38,957	609	923	0.02	8,549	7.69	16
Dembia .....	41,272	4,151	4,314	0.10	96,489	21.94	14
Chilga .....	32,286	533	679	0.02	*	*	*
Metema .....	10,152	*	*	*	*	*	*
Quara .....	9,401	74	*	*	*	*	*
Alefa .....	46,244	*	*	*	*	*	*
Belesa .....	45,148	588	740	0.02	4,767	5.69	9
South Gondar Zone .....	374,252	5,342	6,421	0.02	51,908	7.24	16
Ebenat .....	41,969	390	444	0.01	1,739	3.38	9
Kemekem .....	30,786	391	471	0.02	*	*	*
Fogera .....	40,393	*	*	*	*	*	*
Farta .....	47,634	517	580	0.01	2,234	3.47	12
Lay Gayint .....	39,303	379	598	0.02	3,590	4.57	9
Tach Gayint .....	20,270	667	710	0.04	4,505	6.13	16
Simada .....	47,033	954	1,059	0.02	7,079	6.19	12
Estie .....	63,489	1,126	1,507	0.02	*	*	*
Dera .....	43,376	679	813	0.02	5,221	6.26	20
North Wollo Zone .....	307,669	2,902	3,609	0.01	20,366	4.90	7
Bugna .....	46,716	553	677	0.01	2,572	3.25	8
Kobo .....	41,472	*	*	*	*	*	*
Gidan .....	34,560	367	*	*	3,008	*	6
Meket .....	48,107	739	963	0.02	4,273	4.09	7
Wadala .....	26,661	305	372	0.01	3,721	9.10	9
Dawutna Delanta .....	35,910	494	494	0.01	*	*	*
Guba Lafto .....	35,600	165	165	0.00	*	*	*
Habru .....	38,645	*	*	*	*	*	*
South Wollo Zone .....	491,860	3,535	4,094	0.01	29,188	6.42	14
Mekdela .....	30,731	*	*	*	*	*	*
Tenta .....	35,460	554	602	0.02	7,057	11.44	12
Kutaber .....	21,652	210	238	0.01	2,585	9.68	12
Ambasel .....	26,365	291	362	0.01	2,046	5.05	*
Tehuledere .....	23,671	*	*	*	*	*	*
Werebabu .....	21,260	*	*	*	*	*	*
Kalu .....	39,177	*	*	*	*	*	*
Dessie Zuria .....	64,934	*	*	*	*	*	*
Legambo .....	35,598	315	315	0.01	2,186	6.94	10
Sayint .....	44,853	240	*	*	*	*	*
Debresina .....	36,673	*	*	*	*	*	*
Kelala .....	29,924	258	335	0.01	1,781	3.94	3
Jama .....	25,068	135	135	0.01	*	*	*
Were Ilu .....	29,715	*	375	*	*	*	*
Wegde .....	26,779	154	154	0.01	*	*	*
North Shewa (Amhara) Zone .....	338,763	9,624	11,866	0.04	173,383	11.59	11
Middana Weremo .....	16,652	*	*	*	*	*	*
Merhabete .....	23,035	*	*	*	*	*	*
Insarona Wayu .....	24,523	427	427	0.02	4,065	9.52	9
Moretna Jiru .....	17,289	102	102	0.01	*	*	*



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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	230	268	0.01	1,719	5.99	*
Geshe .....	11,701	114	129	0.01	*	*	*
Antsokiya Gemza .....	12,985	68	68	0.01	*	*	*
Efratana Gidim .....	18,721	*	*	*	*	*	*
Lalo Midir.....	23,780	343	343	0.01	4,572	13.33	21
Mojana Wadera .....	14,989	176	230	0.02	1,009	4.08	11
Tarma Ber.....	17,150	76	76	0.00	*	*	*
Kewet.....	20,399	85	*	*	*	*	*
Asagirt .....	9,625	42	42	0.00	*	*	7
Angolelana Tera .....	14,930	408	464	0.03	3,895	7.16	14
Ankober.....	15,834	-	-	-	-	-	-
Hagere Mariam.....	10,654	72	72	0.01	385	5.34	4
Berehet.....	5,414	*	*	*	*	*	*
Minjarna Shenkora .....	22,920	6,748	8,736	0.38	146,325	12.82	10
Basona Werana.....	30,894	395	430	0.01	4,018	8.37	16
East Gojam Zone .....	377,208	6,077	7,120	0.02	81,689	10.55	11
Bibugn .....	20,380	240	323	0.02	851	1.97	7
Hulet Ej Enese.....	42,922	536	604	0.01	*	*	*
Goncha Siso Enese.....	26,631	*	*	*	*	*	*
Enbise Sar Midir.....	26,244	472	608	0.02	6,778	9.39	11
Enarj Enawga .....	31,408	1,045	1,119	0.04	13,169	11.46	11
Enemay .....	26,307	1,034	1,110	0.04	23,812	20.40	14
Debay Telatgen .....	24,182	637	674	0.03	5,070	*	10
Machakel .....	38,432	*	*	*	*	*	*
Guzamn .....	42,814	371	558	0.01	1,063	1.34	1
Baso Liben.....	26,092	*	*	*	*	*	*
Awabel.....	32,111	404	498	0.02	3,612	*	11
Dejen.....	20,267	287	334	0.02	3,474	8.96	11
Shebel Berenta.....	19,419	303	362	0.02	*	*	*
West Gojam Zone.....	371,763	4,010	5,280	0.01	22,746	3.57	7
Achefer .....	47,990	610	688	0.01	1,861	2.25	3
Bahir Dar Zuria .....	44,777	*	*	*	*	*	*
Yilman Densa .....	53,378	784	1,164	0.02	*	*	11
Merawi.....	47,811	443	443	0.01	1,059	2.39	2
Sekela .....	25,751	255	350	0.01	873	*	4
Kuarit.....	30,012	214	252	0.01	*	*	*
Dega Damot.....	28,781	432	575	0.02	2,047	3.06	5
Dembecha.....	21,896	178	295	0.01	*	*	*
Jabi Tehnan.....	35,596	*	*	*	*	*	*
Bure Wemberma .....	35,772	487	654	0.02	4,770	6.41	*
Waghamra Zone .....	75,654	836	1,267	0.02	7,952	5.11	5
Zikuala .....	13,305	248	366	0.03	2,746	6.33	4
Sekota .....	33,740	325	563	0.02	2,045	2.48	5
Dehana.....	28,610	264	338	0.01	3,160	8.20	5
Awi Zone.....	152,723	1,611	2,312	0.02	10,062	3.85	10
Dangela .....	33,997	339	339	0.01	*	*	*
Banja.....	25,927	194	265	0.01	*	*	*
Ankesha.....	38,056	422	512	0.01	3,130	*	*
Guangua.....	31,273	369	874	0.03	1,401	0.74	4
Faggeta Lekoma.....	23,471	286	322	0.01	*	*	*
Oromia Zone.....	72,663	442	582	0.01	3,746	5.28	10
Chefe Golana Dawe Rahimedo.....	30,075	*	*	*	*	*	*
Bati .....	16,309	178	178	0.01	1,140	6.41	10
Jile Tsumiga .....	11,838	*	*	*	*	*	*
Artuma Fursi .....	14,442	*	*	*	*	*	*



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)
Amhara Region.....	2,989,354	1,802,766	3,124,631	1.05	10,472,226	1.97	5
North Gonder Zone .....	426,798	265,379	469,564	1.10	1,605,491	1.95	4
Addi Arkay .....	23,992	17,518	29,732	1.24	158,818	3.43	3
Beyeda .....	17,537	13,298	25,344	1.45	85,314	1.80	4
Janamora .....	29,184	21,816	44,245	1.52	144,524	1.63	4
Debark .....	21,492	16,777	33,211	1.55	123,600	1.83	4
Dabat .....	24,578	16,021	27,857	1.13	98,002	1.98	4
Sanja .....	24,523	16,385	23,341	0.95	98,269	2.81	4
Lay Armacheho .....	24,975	14,731	25,091	1.00	84,447	1.83	4
Wegera .....	37,057	25,578	51,974	1.40	152,516	1.42	5
Gondar Zuria .....	38,957	24,016	50,515	1.30	200,269	1.97	4
Dembia .....	41,272	15,489	18,743	0.45	84,521	3.65	4
Chilga .....	32,286	17,950	30,278	0.94	88,019	1.73	4
Metema .....	10,152	3,406	4,658	0.46	20,210	3.32	3
Quara .....	9,401	6,347	8,062	0.86	15,779	1.57	2
Alefa .....	46,244	28,492	45,696	0.99	103,053	1.40	3
Belesa .....	45,148	27,556	50,818	1.13	148,152	1.61	3
South Gonder Zone .....	374,252	220,062	410,238	1.10	1,257,246	1.65	5
Ebenat .....	41,969	25,776	50,615	1.21	140,336	1.39	4
Kemekem .....	30,786	17,380	32,873	1.07	123,208	2.07	4
Fogera .....	40,393	18,284	30,281	0.75	86,717	1.73	5
Farta .....	47,634	30,938	60,900	1.28	211,061	1.76	6
Lay Gayint .....	39,303	27,677	49,207	1.25	216,692	2.41	5
Tach Gayint .....	20,270	11,216	21,407	1.06	66,838	1.61	7
Simada .....	47,033	26,238	48,967	1.04	140,180	1.52	6
Estie .....	63,489	39,626	76,411	1.20	195,111	1.36	5
Dera .....	43,376	22,929	39,575	0.91	77,103	1.17	4
North Wollo Zone .....	307,669	179,498	288,441	0.94	1,178,682	2.56	5
Bugna .....	46,716	31,110	55,176	1.18	221,007	2.33	4
Kobo .....	41,472	18,892	28,532	0.69	102,687	2.42	5
Gidan .....	34,560	22,374	30,610	0.89	157,191	3.74	5
Meket .....	48,107	33,303	58,488	1.22	228,567	2.19	5
Wadala .....	26,661	19,429	33,563	1.26	144,551	2.44	6
Dawutna Delanta .....	35,910	23,030	37,597	1.05	169,192	2.79	5
Guba Lafto .....	35,600	16,204	20,843	0.59	92,260	3.39	6
Habru .....	38,645	15,158	23,633	0.61	63,226	1.75	5
South Wollo Zone .....	491,860	294,356	478,323	0.97	2,246,990	2.92	6
Mekdela .....	30,731	20,489	29,958	0.97	158,993	3.69	6
Tenta .....	35,460	20,172	27,617	0.78	161,298	4.40	7
Kutaber .....	21,652	15,060	24,086	1.11	160,905	4.29	9
Ambasel .....	26,365	16,328	25,025	0.95	147,870	3.88	8
Tehuledere .....	23,671	11,387	18,062	0.76	61,034	2.17	6
Werebabu .....	21,260	11,679	16,460	0.77	61,709	2.67	6
Kalu .....	39,177	18,589	29,852	0.76	93,192	2.00	7
Dessie Zuria .....	64,934	39,433	68,688	1.06	403,180	3.30	7
Legambo .....	35,598	20,307	28,355	0.80	152,774	3.81	5
Sayint .....	44,853	32,444	59,895	1.34	226,517	2.05	5
Debresina .....	36,673	21,451	39,198	1.07	140,893	1.94	4
Kelala .....	29,924	18,096	31,694	1.06	146,997	2.70	4
Jama .....	25,068	15,026	24,771	0.99	91,882	2.23	4
Were Ilu .....	29,715	19,189	28,091	0.95	158,672	3.69	5
Wegde .....	26,779	14,706	26,572	0.99	81,073	1.71	3
North Shewa (Amhara) Zone .....	338,763	180,446	281,137	0.83	1,351,514	3.07	6
Middana Weremo .....	16,652	8,348	13,396	0.80	18,508	0.87	3
Merhabete .....	23,035	5,852	8,614	0.37	12,014	1.00	4
Insarona Wayu .....	24,523	10,412	14,999	0.61	59,570	2.73	5
Moretna Jiru .....	17,289	6,410	9,877	0.57	32,350	1.99	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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	17,304	26,755	0.98	117,248	2.82	7
Geshe .....	11,701	8,521	14,684	1.25	57,370	2.24	7
Antsokiya Gemza .....	12,985	6,643	9,159	0.71	23,464	1.81	5
Efratana Gidim .....	18,721	7,482	10,286	0.55	33,595	2.28	6
Lalo Midir.....	23,780	16,613	27,704	1.17	118,547	2.59	7
Mojana Wadera .....	14,989	10,055	16,571	1.11	57,869	2.13	9
Tarma Ber.....	17,150	5,739	8,670	0.51	31,784	2.43	6
Kewet.....	20,399	6,384	8,622	0.42	25,323	2.23	6
Asagirt .....	9,625	6,128	8,416	0.87	51,353	4.40	8
Angolelana Tera .....	14,930	9,847	13,321	0.89	104,227	5.77	9
Ankober .....	15,834	8,534	11,912	0.75	69,038	4.13	5
Hagere Mariam.....	10,654	7,658	13,228	1.24	103,566	4.49	7
Berehet.....	5,414	4,109	6,839	1.26	41,807	3.84	6
Minjarna Shenkora .....	22,920	13,044	25,585	1.12	151,969	3.09	4
Basona Werana.....	30,894	21,364	32,498	1.05	241,911	4.86	8
East Gojam Zone .....	377,208	236,800	407,120	1.08	1,036,967	1.49	4
Bibugn .....	20,380	11,270	18,415	0.90	23,363	0.77	3
Hulet Ej Enese.....	42,922	25,790	42,949	1.00	77,568	1.03	4
Goncha Siso Enese.....	26,631	15,857	26,470	0.99	95,029	2.07	5
Enbise Sar Midir.....	26,244	16,779	27,427	1.05	96,355	2.14	4
Enarj Enawga .....	31,408	18,149	30,035	0.96	124,875	2.43	5
Enemay .....	26,307	14,723	22,805	0.87	99,585	2.88	5
Debay Telatgen .....	24,182	15,668	22,287	0.92	73,423	2.32	5
Machakel .....	38,432	28,895	54,952	1.43	78,790	0.77	3
Guzamn .....	42,814	32,395	50,108	1.17	94,520	1.20	3
Baso Liben.....	26,092	15,929	32,200	1.23	64,664	1.00	4
Awabel.....	32,111	22,172	44,149	1.37	105,956	1.22	4
Dejen.....	20,267	11,717	23,238	1.15	66,465	1.44	4
Shebel Berenta.....	19,419	7,457	12,083	0.62	36,374	1.80	3
West Gojam Zone.....	371,763	241,391	436,666	1.17	910,895	1.14	3
Achefer .....	47,990	33,246	53,686	1.12	103,238	1.20	3
Bahir Dar Zuria .....	44,777	27,445	48,863	1.09	124,637	1.42	3
Yilman Densa.....	53,378	29,589	56,543	1.06	122,932	1.14	4
Merawi.....	47,811	31,243	50,007	1.05	109,143	1.40	3
Sekela .....	25,751	18,447	25,802	1.00	41,952	1.17	4
Kuarit.....	30,012	19,408	32,205	1.07	61,594	1.15	3
Dega Damot.....	28,781	16,847	25,330	0.88	46,872	1.25	3
Dembecha.....	21,896	17,146	37,702	1.72	73,790	0.89	3
Jabi Tehnan.....	35,596	23,199	44,705	1.26	76,089	0.87	3
Bure Wemberma .....	35,772	24,821	61,822	1.73	150,648	0.97	4
Waghamra Zone .....	75,654	57,111	109,546	1.45	439,954	2.09	4
Zikuala .....	13,305	10,097	20,399	1.53	81,388	1.99	3
Sekota .....	33,740	24,681	45,148	1.34	184,466	2.20	4
Dehana.....	28,610	22,332	43,998	1.54	174,100	2.01	4
Awii Zone.....	152,723	101,510	199,967	1.31	329,467	0.83	4
Dangela .....	33,997	25,145	51,398	1.51	80,909	0.80	2
Banja.....	25,927	17,762	29,768	1.15	43,908	0.86	5
Ankesha.....	38,056	21,866	46,323	1.22	94,528	0.91	4
Guangua.....	31,273	19,966	43,263	1.38	59,587	0.64	3
Faggeta Lekoma .....	23,471	16,772	29,216	1.24	50,535	0.99	4
Oromia Zone.....	72,663	26,212	43,630	0.60	115,019	1.64	5
Chefe Golana Dawe Rahimedo.....	30,075	11,849	22,147	0.74	43,774	1.06	4
Bati .....	16,309	6,497	9,416	0.58	34,833	2.70	7
Jile Tsumiga .....	11,838	3,776	5,970	0.50	19,256	1.89	4
Artuma Fursi .....	14,442	4,091	6,098	0.42	17,156	1.90	6



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)
Amhara Region.....	2,989,354	264,831	537,963	0.18	626,661	0.65	2
North Gondar Zone .....	426,798	25,302	40,167	0.09	72,110	1.12	2
Addi Arkay .....	23,992	3,394	7,353	0.31	16,655	1.15	2
Beyeda .....	17,537	775	*	*	*	*	*
Janamora .....	29,184	*	*	*	1,956	*	*
Debark .....	21,492	*	875	*	1,281	1.18	*
Dabat .....	24,578	835	1,325	0.05	1,541	0.73	2
Sanja .....	24,523	1,372	2,263	0.09	7,379	2.17	2
Lay Armacheho .....	24,975	1,830	2,889	0.12	4,397	1.00	2
Wegera .....	37,057	2,451	3,531	0.10	3,300	0.51	2
Gondar Zuria .....	38,957	745	1,379	0.04	2,390	0.96	*
Dembia .....	41,272	*	*	*	5,993	*	*
Chilga .....	32,286	*	*	*	4,050	*	*
Metema .....	10,152	*	*	*	*	*	*
Quara .....	9,401	235	612	0.07	*	0.48	1
Alefa .....	46,244	*	*	*	4,135	*	*
Belesa .....	45,148	2,630	3,746	0.08	13,200	2.52	2
South Gondar Zone .....	374,252	17,635	25,491	0.07	36,877	1.08	2
Ebenat .....	41,969	*	*	*	*	*	*
Kemekem .....	30,786	2,727	3,336	0.11	4,458	1.10	2
Fogera .....	40,393	3,416	4,966	0.12	4,170	0.59	2
Farta .....	47,634	*	*	*	*	*	*
Lay Gayint .....	39,303	2,402	4,017	0.10	4,211	*	2
Tach Gayint .....	20,270	*	*	*	*	*	*
Simada .....	47,033	*	630	*	*	0.55	*
Estie .....	63,489	*	1,423	*	*	*	*
Dera .....	43,376	4,740	6,771	0.16	7,249	0.65	2
North Wollo Zone .....	307,669	75,244	136,460	0.44	156,198	0.68	2
Bugna .....	46,716	4,093	6,224	0.13	9,853	1.13	2
Kobo .....	41,472	9,135	16,561	0.40	18,877	0.65	3
Gidan .....	34,560	11,871	17,219	0.50	23,785	0.95	2
Meket .....	48,107	8,694	15,520	0.32	22,305	0.93	2
Wadala .....	26,661	7,392	10,137	0.38	8,949	0.64	1
Dawutna Delanta .....	35,910	7,366	9,628	0.27	11,282	0.90	2
Guba Lafto .....	35,600	14,211	25,878	0.73	29,650	0.64	2
Habru .....	38,645	12,484	35,293	0.91	31,496	0.34	2
South Wollo Zone .....	491,860	67,308	148,199	0.30	156,538	0.52	2
Mekdela .....	30,731	8,468	13,007	0.42	14,157	0.75	1
Tenta .....	35,460	7,053	15,906	0.45	18,201	0.51	2
Kutaber .....	21,652	428	1,063	0.05	1,579	0.61	2
Ambasel .....	26,365	5,911	9,261	0.35	10,913	0.77	2
Tehuledere .....	23,671	1,725	*	*	4,937	*	2
Werebabu .....	21,260	7,212	30,831	1.45	27,032	0.23	1
Kalu .....	39,177	5,930	19,370	0.49	17,967	0.33	2
Dessie Zuria .....	64,934	10,959	19,744	0.30	33,090	0.96	3
Legambo .....	35,598	7,925	12,180	0.34	9,301	0.50	1
Sayint .....	44,853	2,217	3,112	0.07	1,961	0.48	1
Debresina .....	36,673	3,422	4,713	0.13	4,155	0.59	1
Kelala .....	29,924	*	7,110	*	*	*	*
Jama .....	25,068	790	1,127	0.04	1,664	0.95	2
Were Ilu .....	29,715	1,705	2,804	0.09	3,547	0.79	2
Wegde .....	26,779	881	1,390	0.05	1,189	0.61	2
North Shewa (Amhara) Zone .....	338,763	26,582	55,813	0.16	48,876	0.43	2
Middana Weremo .....	16,652	612	960	0.06	949	0.64	1
Merhabete .....	23,035	4,211	8,248	0.36	7,689	0.47	2
Insarona Wayu .....	24,523	2,000	4,920	0.20	6,640	0.59	2
Moretna Jiru .....	17,289	2,733	5,957	0.34	6,758	0.48	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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	4,612	6,915	0.25	5,058	0.52	1
Geshe .....	11,701	808	1,041	0.09	727	0.56	2
Antsokiya Gemza .....	12,985	1,480	2,461	0.19	1,698	0.41	2
Efratana Gidim .....	18,721	1,951	6,743	0.36	4,428	0.21	1
Lalo Midir.....	23,780	1,944	3,443	0.14	2,764	0.48	2
Mojana Wadera .....	14,989	903	1,396	0.09	805	0.35	2
Tarma Ber.....	17,150	*	*	*	*	*	*
Kewet.....	20,399	1,461	3,708	0.18	3,496	0.37	2
Asagirt .....	9,625	421	653	0.07	550	0.59	2
Angolelana Tera .....	14,930	242	375	0.03	1,064	1.61	3
Ankober .....	15,834	526	1,264	0.08	1,331	0.46	1
Hagere Mariam.....	10,654	151	366	0.03	286	0.36	2
Berehet.....	5,414	268	1,020	0.19	1,065	0.30	1
Minjarna Shenkora .....	22,920	*	*	*	*	*	*
Basona Werana.....	30,894	1,332	2,167	0.07	1,372	0.42	3
East Gojam Zone .....	377,208	24,819	49,625	0.13	46,026	0.55	3
Bibugn .....	20,380	407	642	0.03	1,142	0.91	2
Hulet Ej Enese.....	42,922	*	*	*	*	*	*
Goncha Siso Enese.....	26,631	*	*	*	*	*	*
Enbise Sar Midir.....	26,244	124	*	*	*	*	*
Enarj Enawga .....	31,408	749	749	0.02	1,957	2.61	3
Enemay .....	26,307	*	*	*	*	*	*
Debay Telatgen .....	24,182	3,489	5,748	0.24	6,665	0.79	2
Machakel .....	38,432	*	*	*	*	*	*
Guzamn .....	42,814	5,611	10,488	0.24	5,019	0.28	1
Baso Liben.....	26,092	6,216	15,402	0.59	7,943	0.31	5
Awabel.....	32,111	*	*	*	*	*	*
Dejen.....	20,267	*	*	*	*	*	*
Shebel Berenta.....	19,419	536	*	*	*	*	*
West Gojam Zone.....	371,763	6,966	11,181	0.03	*	*	*
Achefer .....	47,990	905	1,502	0.03	2,201	0.85	1
Bahir Dar Zuria .....	44,777	1,697	2,731	0.06	4,684	1.19	2
Yilman Densa .....	53,378	-	-	-	-	-	-
Merawi.....	47,811	*	*	*	*	*	*
Sekela .....	25,751	302	511	0.02	537	0.71	3
Kuarit.....	30,012	*	*	*	*	*	*
Dega Damot.....	28,781	*	*	*	*	*	*
Dembecha.....	21,896	170	336	0.02	*	*	1
Jabi Tehnan.....	35,596	*	*	*	*	*	*
Bure Wemberma .....	35,772	*	*	*	*	*	*
Waghamra Zone .....	75,654	7,351	18,052	0.24	24,357	0.63	1
Zikuala .....	13,305	2,980	7,195	0.54	10,425	0.72	1
Sekota .....	33,740	*	*	*	*	*	*
Dehana.....	28,610	*	*	*	*	*	*
Awi Zone.....	152,723	2,304	3,450	0.02	5,695	1.15	3
Dangela .....	33,997	461	757	0.02	1,956	1.75	3
Banja.....	25,927	*	*	*	*	*	*
Ankesha.....	38,056	*	*	*	*	*	*
Guangua.....	31,273	*	1,226	*	1,636	1.04	*
Faggeta Lekoma.....	23,471	*	*	*	*	*	*
Oromia Zone.....	72,663	11,321	49,524	0.68	38,140	0.18	2
Chefe Golana Dawe Rahimedo.	30,075	5,100	18,574	0.62	13,299	0.19	2
Bati .....	16,309	4,690	25,360	1.55	20,551	0.15	2
Jile Tsumiga .....	11,838	979	4,092	0.35	2,849	0.23	2
Artuma Fursi .....	14,442	551	1,499	0.10	1,440	0.52	2



TABLE 8.17A: - Number of Holders Reporting Winnowers (Metal) Owned, Quantity Reported, Replacement Value, and Duration of Service of Winnowers, 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 Winnowers (Birr)	Average Duration of Service of Winnowers (Years)
Amhara Region.....	2,989,354	8,363	10,171	0.00	73,906	6.07	9
North Gondar Zone .....	426,798	1,142	1,267	0.00	8,666	5.68	6
Addi Arkay .....	23,992	*	*	*	*	*	*
Beyeda .....	17,537	-	-	-	-	-	-
Janamora .....	29,184	*	*	*	*	*	*
Debark .....	21,492	*	*	*	*	*	*
Dabat .....	24,578	*	*	*	*	*	*
Sanja .....	24,523	*	*	*	*	*	-
Lay Armacheho .....	24,975	*	*	*	*	*	*
Wegera .....	37,057	-	-	-	-	-	-
Gondar Zuria .....	38,957	*	*	*	*	*	*
Dembia .....	41,272	*	*	*	*	*	*
Chilga .....	32,286	*	*	*	*	*	*
Metema .....	10,152	-	-	-	-	-	-
Quara .....	9,401	*	*	*	*	*	*
Alefa .....	46,244	*	*	*	*	*	*
Belesa .....	45,148	*	*	*	*	*	*
South Gondar Zone .....	374,252	989	1,160	0.00	5,232	4.21	10
Ebenat .....	41,969	*	*	*	*	*	*
Kemekem .....	30,786	*	*	*	*	*	*
Fogera .....	40,393	*	*	*	*	*	*
Farta .....	47,634	-	-	-	-	-	-
Lay Gayint .....	39,303	*	*	*	*	*	*
Tach Gayint .....	20,270	*	*	*	*	*	*
Simada .....	47,033	*	*	*	*	*	*
Estie .....	63,489	*	*	*	*	*	*
Dera .....	43,376	*	*	*	*	*	*
North Wollo Zone .....	307,669	898	1,443	2	11,372	5.33	10
Bugna .....	46,716	-	-	-	-	-	-
Kobo .....	41,472	*	*	*	*	*	*
Gidan .....	34,560	*	*	*	*	*	*
Meket .....	48,107	*	*	*	*	*	*
Wadala .....	26,661	*	*	*	*	*	*
Dawutna Delanta .....	35,910	*	*	*	*	*	*
Guba Lafto .....	35,600	*	*	*	*	*	*
Habru .....	38,645	-	-	-	-	-	-
South Wollo Zone .....	491,860	967	1,138	0.00	13,046	9.68	8
Mekdela .....	30,731	-	-	-	-	-	-
Tenta .....	35,460	*	*	*	*	*	*
Kutaber .....	21,652	*	*	*	*	*	*
Ambasel .....	26,365	*	*	*	*	*	*
Tehuledere .....	23,671	-	-	-	-	-	-
Werebabu .....	21,260	106	106	0.00	1,126	10.62	*
Kalu .....	39,177	*	*	*	*	*	*
Dessie Zuria .....	64,934	-	-	-	-	-	-
Legambo .....	35,598	-	-	-	-	-	-
Sayint .....	44,853	*	*	*	*	*	*
Debresina .....	36,673	200	*	*	*	*	*
Kelala .....	29,924	210	210	0.01	*	*	*
Jama .....	25,068	*	*	*	*	*	*
Were Ilu .....	29,715	-	-	-	-	-	-
Wegde .....	26,779	-	-	-	-	-	-
North Shewa (Amhara) Zone .....	338,763	1,311	1,526	0.00	13,881	8.05	14
Middana Weremo .....	16,652	*	*	*	*	*	*
Merhabete .....	23,035	197	197	0.01	1,151	5.84	*
Insarona Wayu .....	24,523	*	*	*	*	*	*
Moretna Jiru .....	17,289	127	148	0.01	*	*	12



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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	*	*	*	*	*	*
Geshe .....	11,701	*	*	*	*	*	*
Antsokiya Gemza .....	12,985	*	*	*	*	*	*
Efratana Gidim .....	18,721	*	*	*	-	-	*
Lalo Midir.....	23,780	*	*	*	*	*	*
Mojana Wadera .....	14,989	95	95	0.01	564	5.94	12
Tarma Ber.....	17,150	*	*	*	*	*	*
Kewet.....	20,399	*	*	*	*	*	*
Asagirt .....	9,625	*	*	*	*	*	*
Angolelana Tera .....	14,930	-	-	-	-	-	-
Ankober.....	15,834	-	-	-	-	-	-
Hagere Mariam.....	10,654	*	*	*	*	*	*
Berehet.....	5,414	*	*	*	*	*	*
Minjarna Shenkora .....	22,920	*	*	*	*	*	*
Basona Werana.....	30,894	*	*	*	*	*	*
East Gojam Zone .....	377,208	881	881	0.00	6,250	7.09	8
Bibugn .....	20,380	*	*	*	*	*	*
Hulet Ej Enese.....	42,922	*	*	*	*	*	*
Goncha Siso Enese.....	26,631	*	*	*	*	*	*
Enbise Sar Midir.....	26,244	155	155	0.01	*	*	*
Enarj Enawga .....	31,408	*	*	*	*	*	*
Enemay .....	26,307	-	-	-	-	-	-
Debay Telatgen .....	24,182	*	*	*	*	*	*
Machakel .....	38,432	*	*	*	*	*	*
Guzamn .....	42,814	*	*	*	*	*	*
Baso Liben.....	26,092	-	-	-	-	-	-
Awabel.....	32,111	*	*	*	*	*	*
Dejen.....	20,267	*	*	*	*	*	*
Shebel Berenta.....	19,419	-	-	-	-	-	-
West Gojam Zone.....	371,763	1,622	2,093	0.01	11,845	4.50	6
Achefer .....	47,990	*	*	*	1,465	*	*
Bahir Dar Zuria .....	44,777	*	*	*	*	*	*
Yilman Densa .....	53,378	304	365	0.01	*	*	*
Merawi.....	47,811	*	*	*	*	*	*
Sekela .....	25,751	-	-	-	-	-	-
Kuarit.....	30,012	*	*	*	*	*	*
Dega Damot.....	28,781	*	*	*	*	*	*
Dembecha.....	21,896	*	*	*	*	*	*
Jabi Tehnan.....	35,596	*	*	*	*	*	*
Bure Wemberma .....	35,772	232	*	*	3,853	*	*
Waghamra Zone .....	75,654	242	242	0.00	1,082	4.47	12
Zikuala .....	13,305	*	*	*	*	*	*
Sekota .....	33,740	*	*	*	*	*	*
Dehana.....	28,610	*	*	*	*	*	*
Awi Zone .....	152,723	140	140	0.00	*	*	*
Dangela .....	33,997	*	*	*	*	*	*
Banja.....	25,927	-	-	-	-	-	-
Ankesha.....	38,056	-	-	-	-	-	-
Guangua.....	31,273	*	*	*	*	*	*
Faggeta Lekoma .....	23,471	-	-	-	-	-	-
Oromia Zone.....	72,663	172	283	0.00	2,128	5.38	9
Chefe Golana Dawe Rahimedo .....	30,075	*	*	*	*	*	*
Bati .....	16,309	*	*	*	*	*	*
Jile Tsumiga .....	11,838	*	59	*	*	*	*
Artuma Fursi .....	14,442	*	*	*	*	*	*



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)
Amhara Region.....	2,989,354	1,014,103	1,163,325	0.39	8,335,239	6.31	9
North Gondar Zone .....	426,798	115,633	135,262	0.32	840,608	5.33	7
Addi Arkay .....	23,992	6,646	7,036	0.29	71,956	9.56	8
Beyeda .....	17,537	6,863	7,520	0.43	44,717	5.39	7
Janamora .....	29,184	7,796	8,357	0.29	44,986	5.01	7
Debark .....	21,492	6,101	6,522	0.30	39,731	5.65	5
Dabat .....	24,578	5,274	5,497	0.22	31,303	5.48	7
Sanja .....	24,523	7,525	8,312	0.34	62,767	6.51	4
Lay Armacheho .....	24,975	2,915	2,949	0.12	18,560	6.20	7
Wegera .....	37,057	7,330	7,823	0.21	51,407	6.12	12
Gondar Zuria .....	38,957	13,879	17,151	0.44	136,346	6.46	8
Dembia .....	41,272	10,770	13,568	0.33	86,652	5.04	8
Chilga .....	32,286	5,423	6,713	0.21	29,655	3.58	7
Metema .....	10,152	3,069	3,510	0.35	23,948	5.87	5
Quara .....	9,401	3,524	4,341	0.46	15,754	2.93	3
Alefa .....	46,244	12,404	16,465	0.36	66,557	2.99	6
Belesa .....	45,148	16,115	19,499	0.43	116,269	5.05	5
South Gondar Zone .....	374,252	120,031	137,651	0.37	770,782	4.93	10
Ebenat .....	41,969	13,146	14,137	0.34	61,822	4.08	8
Kemekem.....	30,786	8,060	9,949	0.32	64,221	5.38	9
Fogera .....	40,393	9,296	13,495	0.33	71,192	3.63	9
Farta .....	47,634	18,582	20,954	0.44	115,086	4.80	9
Lay Gayint.....	39,303	16,808	17,744	0.45	127,448	6.74	10
Tach Gayint.....	20,270	8,498	8,956	0.44	56,294	5.97	15
Simada .....	47,033	14,284	14,840	0.32	93,181	6.03	12
Estie .....	63,489	23,234	25,858	0.41	132,093	4.68	8
Dera .....	43,376	8,123	11,718	0.27	49,444	2.88	8
North Wollo Zone .....	307,669	144,424	163,983	0.53	1,379,195	7.48	9
Bugna.....	46,716	23,386	27,473	0.59	213,214	6.73	8
Kobo .....	41,472	16,690	19,340	0.47	185,349	8.37	9
Gidan .....	34,560	17,416	18,632	0.54	151,645	7.65	7
Meket.....	48,107	27,549	30,454	0.63	237,782	7.10	7
Wadala.....	26,661	14,480	15,686	0.59	119,530	7.05	10
Dawutna Delanta.....	35,910	15,335	16,612	0.46	152,252	8.49	9
Guba Lafto.....	35,600	16,583	18,295	0.51	165,006	8.11	11
Habru .....	38,645	12,984	17,492	0.45	154,415	6.88	9
South Wollo Zone .....	491,860	191,923	215,105	0.44	2,084,430	8.63	10
Mekdela.....	30,731	12,991	13,602	0.44	132,492	9.30	10
Tenta .....	35,460	12,740	13,537	0.38	126,533	8.84	10
Kutaber .....	21,652	9,955	11,343	0.52	153,391	11.90	14
Ambasel.....	26,365	13,510	16,309	0.62	166,849	8.64	16
Tehuledere .....	23,671	7,664	10,372	0.44	84,045	5.61	10
Werebabu.....	21,260	8,797	11,244	0.53	103,389	7.37	12
Kalu .....	39,177	13,273	16,261	0.42	154,649	7.83	12
Dessie Zuria.....	64,934	24,579	26,762	0.41	307,625	10.32	11
Legambo.....	35,598	11,158	11,526	0.32	97,048	8.21	9
Sayint.....	44,853	26,161	27,768	0.62	218,661	7.45	9
Debresina.....	36,673	12,573	13,930	0.38	118,837	7.70	8
Kelala.....	29,924	12,448	14,319	0.48	167,929	10.14	8
Jama .....	25,068	8,804	9,111	0.36	81,695	8.75	7
Were Ilu.....	29,715	8,970	9,230	0.31	94,298	9.94	8
Wegde.....	26,779	8,301	9,791	0.37	76,989	6.68	7
North Shewa (Amhara) Zone.....	338,763	138,255	148,124	0.44	1,363,298	8.53	12
Middana Weremo.....	16,652	4,700	5,186	0.31	31,230	5.37	9
Merhabete.....	23,035	9,480	10,483	0.46	79,648	6.74	11
Insarona Wayu.....	24,523	9,050	10,296	0.42	104,036	8.75	10
Moretna Jiru .....	17,289	7,864	8,612	0.50	79,418	8.21	8



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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	11,548	12,030	0.44	99,213	7.91	14
Geshe .....	11,701	4,870	5,052	0.43	38,164	7.27	13
Antsokiya Gemza .....	12,985	4,170	4,451	0.34	33,492	7.17	10
Efratana Gidim .....	18,721	7,205	8,083	0.43	75,026	8.34	11
Lalo Midir.....	23,780	9,840	10,260	0.43	88,287	8.34	12
Mojana Wadera .....	14,989	5,402	5,535	0.37	38,384	6.80	14
Tarma Ber.....	17,150	6,226	6,760	0.39	46,164	6.29	12
Kewet.....	20,399	6,526	6,832	0.33	60,212	8.39	12
Asagirt.....	9,625	4,694	4,874	0.51	40,807	8.04	12
Angolelana Tera .....	14,930	6,209	6,527	0.44	59,527	8.65	14
Ankober.....	15,834	6,716	7,147	0.45	66,436	8.63	10
Hagere Mariam.....	10,654	4,944	5,145	0.48	65,461	12.22	14
Berehet.....	5,414	3,047	3,332	0.62	39,923	10.90	9
Minjarna Shenkora .....	22,920	9,807	11,144	0.49	159,172	12.56	10
Basona Werana.....	30,894	15,957	16,375	0.53	158,698	9.41	13
East Gojam Zone .....	377,208	118,294	129,312	0.34	673,401	4.74	8
Bibugn .....	20,380	7,070	7,648	0.38	29,302	3.51	8
Hulet Ej Enese.....	42,922	15,215	16,084	0.37	71,013	4.17	7
Goncha Siso Enese.....	26,631	9,577	10,022	0.38	55,967	5.41	8
Enbise Sar Midir.....	26,244	11,331	12,381	0.47	74,177	5.42	8
Enarj Enawga .....	31,408	11,948	13,513	0.43	92,148	6.03	9
Enemay .....	26,307	9,086	10,455	0.40	74,954	6.29	7
Debay Telatgen .....	24,182	11,375	11,996	0.50	67,261	5.33	8
Machakel .....	38,432	6,901	7,018	0.18	30,982	4.35	9
Guzamn .....	42,814	14,747	15,153	0.35	56,406	3.62	8
Baso Liben.....	26,092	1,860	2,336	0.09	8,984	3.05	7
Awabel.....	32,111	8,178	8,900	0.28	38,979	3.97	7
Dejen.....	20,267	5,396	6,362	0.31	35,744	4.76	9
Shebel Berenta.....	19,419	5,610	7,443	0.38	37,482	3.72	6
West Gojam Zone.....	371,763	115,360	142,888	0.38	613,789	3.48	8
Achefer .....	47,990	10,304	12,202	0.25	41,387	2.85	7
Bahir Dar Zuria .....	44,777	14,278	20,096	0.45	100,184	3.52	8
Yilman Densa .....	53,378	19,944	24,850	0.47	104,293	3.38	8
Merawi.....	47,811	16,487	19,460	0.41	76,613	3.37	7
Sekela .....	25,751	4,396	4,728	0.18	13,660	2.64	8
Kuarit.....	30,012	14,235	15,280	0.51	66,867	4.09	9
Dega Damot.....	28,781	12,913	13,504	0.47	73,424	5.29	8
Dembecha.....	21,896	7,665	10,151	0.46	48,693	3.61	7
Jabi Tehnan.....	35,596	9,921	14,836	0.42	52,877	2.34	6
Bure Wemberma .....	35,772	5,217	7,782	0.22	35,791	3.05	7
Waghamra Zone .....	75,654	37,080	45,186	0.60	314,793	5.86	6
Zikuala .....	13,305	7,021	10,059	0.76	64,611	4.63	5
Sekota .....	33,740	15,592	17,829	0.53	140,085	6.78	6
Dehana.....	28,610	14,467	17,297	0.60	110,097	5.62	6
Awi Zone.....	152,723	10,643	14,952	0.10	48,754	2.25	6
Dangela .....	33,997	1,966	3,106	0.09	*	3.03	6
Banja.....	25,927	-	-	-	-	-	-
Ankesha.....	38,056	2,402	3,219	0.08	*	2.79	8
Guangua.....	31,273	5,475	7,404	0.24	17,597	1.79	5
Faggeta Lekoma.....	23,471	800	1,223	0.05	2,240	1.62	7
Oromia Zone.....	72,663	22,461	30,861	0.42	246,189	5.99	10
Chefe Golana Dawe Rahimedo.	30,075	10,582	14,753	0.49	92,000	4.74	8
Bati .....	16,309	5,508	7,884	0.48	73,484	6.71	12
Jile Tsumiga .....	11,838	3,035	3,710	0.31	34,648	7.59	9
Artuma Fursi .....	14,442	3,336	4,514	0.31	46,057	7.52	14



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)
Amhara Region.....	2,989,354	2,145	2,815	0.00	354,538	125.16	5
North Gondar Zone .....	426,798	*	*	*	*	*	*
Addi Arkay .....	23,992	-	-	-	-	-	-
Beyeda .....	17,537	*	*	*	*	*	*
Janamora .....	29,184	-	-	-	-	-	-
Debark .....	21,492	-	-	-	-	-	-
Dabat .....	24,578	-	-	-	-	-	-
Sanja .....	24,523	-	-	-	-	-	-
Lay Armacheho .....	24,975	-	-	-	-	-	-
Wegera .....	37,057	*	*	*	*	*	*
Gondar Zuria .....	38,957	*	*	*	*	*	*
Dembia .....	41,272	-	-	-	-	-	-
Chilga .....	32,286	*	*	*	*	*	*
Metema .....	10,152	*	*	*	*	*	*
Quara .....	9,401	-	-	-	-	-	-
Alefa .....	46,244	-	-	-	-	-	-
Belesa .....	45,148	-	-	-	-	-	-
South Gondar Zone .....	374,252	*	*	*	*	*	*
Ebenat .....	41,969	*	*	*	*	*	*
Kemekem .....	30,786	-	-	-	*	-	-
Fogera .....	40,393	*	*	*	*	*	*
Farta .....	47,634	-	-	-	-	-	-
Lay Gayint .....	39,303	*	*	*	*	*	*
Tach Gayint .....	20,270	-	-	-	-	-	-
Simada .....	47,033	-	-	-	-	-	-
Estie .....	63,489	-	-	-	-	-	-
Dera .....	43,376	-	-	-	-	-	-
North Wollo Zone .....	307,669	*	*	*	*	*	*
Bugna .....	46,716	-	-	-	-	-	-
Kobo .....	41,472	-	-	-	-	-	-
Gidan .....	34,560	-	-	-	-	-	-
Meket .....	48,107	*	*	*	*	*	*
Wadala .....	26,661	-	-	-	-	-	-
Dawutna Delanta .....	35,910	*	*	*	*	*	*
Guba Lafto .....	35,600	*	*	*	*	*	*
Habru .....	38,645	-	-	-	-	-	-
South Wollo Zone .....	491,860	295	*	*	*	*	*
Mekdela .....	30,731	-	-	-	-	-	-
Tenta .....	35,460	*	*	*	*	*	*
Kutaber .....	21,652	*	*	*	*	*	*
Ambasel .....	26,365	-	-	-	-	-	-
Tehuledere .....	23,671	-	-	-	-	-	-
Werebabu .....	21,260	*	*	*	*	*	*
Kalu .....	39,177	-	-	-	-	-	-
Dessie Zuria .....	64,934	*	*	*	*	*	*
Legambo .....	35,598	-	-	-	-	-	-
Sayint .....	44,853	-	-	-	-	-	-
Debresina .....	36,673	-	-	-	-	-	-
Kelala .....	29,924	-	-	-	-	-	-
Jama .....	25,068	-	-	-	-	-	-
Were Ilu .....	29,715	*	*	*	*	*	*
Wegde .....	26,779	*	*	*	*	*	*
North Shewa(Amhara) Zone .....	338,763	199	241	0.00	*	3.84	5
Middana Weremo .....	16,652	-	-	-	-	-	-
Merhabete .....	23,035	-	-	-	-	-	-
Insarona Wayu .....	24,523	-	-	-	-	-	-
Moretna Jiru .....	17,289	-	-	-	-	-	-



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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	-	-	-	-	-	-
Geshe .....	11,701	-	-	-	-	-	-
Antsokiya Gemza .....	12,985	-	-	-	-	-	-
Efratana Gidim .....	18,721	*	*	*	*	*	*
Lalo Midir.....	23,780	*	*	*	*	*	*
Mojana Wadera .....	14,989	-	-	-	-	-	-
Tarma Ber.....	17,150	-	-	-	-	-	-
Kewet.....	20,399	*	*	*	*	*	*
Asagirt .....	9,625	*	*	*	*	*	*
Angolelana Tera .....	14,930	-	-	-	-	-	-
Ankober.....	15,834	-	-	-	-	-	-
Hagere Mariam.....	10,654	-	-	-	-	-	-
Berehet.....	5,414	-	-	-	-	-	-
Minjarna Shenkora .....	22,920	*	*	*	*	*	*
Basona Werana.....	30,894	*	*	*	*	*	*
East Gojam Zone .....	377,208	212	212	0.00	*	*	*
Bibugn .....	20,380	*	*	*	*	*	*
Hulet Ej Enese.....	42,922	-	-	-	-	-	-
Goncha Siso Enese.....	26,631	*	*	*	*	*	*
Enbise Sar Midir.....	26,244	*	*	*	*	*	*
Enarj Enawga .....	31,408	*	*	*	*	*	*
Enemay .....	26,307	-	-	-	-	-	-
Debay Telatgen .....	24,182	-	-	-	-	-	-
Machakel .....	38,432	-	-	-	-	-	-
Guzamn .....	42,814	-	-	-	-	-	-
Baso Liben.....	26,092	-	-	-	-	-	-
Awabel.....	32,111	-	-	-	-	-	-
Dejen.....	20,267	-	-	-	-	-	-
Shebel Berenta.....	19,419	*	*	*	*	*	*
West Gojam Zone.....	371,763	517	630	0.00	*	*	6
Achefer .....	47,990	*	*	*	*	*	*
Bahir Dar Zuria .....	44,777	*	*	*	*	*	*
Yilman Densa .....	53,378	*	*	*	*	*	*
Merawi.....	47,811	*	*	*	*	*	*
Sekela .....	25,751	-	-	-	-	-	-
Kuarit.....	30,012	-	-	-	-	-	-
Dega Damot.....	28,781	*	*	*	*	*	*
Dembecha.....	21,896	-	-	-	-	-	-
Jabi Tehnan.....	35,596	*	*	*	*	*	*
Bure Wemberma .....	35,772	*	*	*	*	*	*
Waghamra Zone .....	75,654	*	*	*	*	*	*
Zikuala .....	13,305	*	*	*	*	*	-
Sekota .....	33,740	*	*	*	*	*	*
Dehana.....	28,610	-	-	-	-	-	-
Awi Zone .....	152,723	*	*	*	*	*	*
Dangela .....	33,997	*	*	*	*	*	*
Banja.....	25,927	-	-	-	-	-	-
Ankesha.....	38,056	-	-	-	-	-	-
Guangua.....	31,273	-	-	-	-	-	-
Faggeta Lekoma.....	23,471	-	-	-	-	-	-
Oromia Zone.....	72,663	*	*	*	*	*	*
Chefe Golana Dawe Rahimedo.	30,075	*	*	*	*	*	*
Bati .....	16,309	-	-	-	-	-	-
Jile Tsumiga .....	11,838	-	-	-	-	-	-
Artuma Fursi .....	14,442	-	-	-	-	-	-



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)
Amhara Region.....	2,989,354	10,711	14,981	0.01	1,311,584	84.39	6
North Gondar Zone .....	426,798	1,410	1,826	0.00	*	*	4
Addi Arkay .....	23,992	*	*	*	*	*	*
Beyeda .....	17,537	-	-	-	-	-	-
Janamora .....	29,184	*	*	*	*	*	*
Debark .....	21,492	-	-	-	-	-	-
Dabat .....	24,578	*	*	*	*	*	*
Sanja .....	24,523	-	-	-	-	-	-
Lay Armacheho .....	24,975	-	-	-	-	-	-
Wegera .....	37,057	*	*	*	*	*	*
Gondar Zuria .....	38,957	*	*	*	*	*	*
Dembia .....	41,272	*	*	*	*	*	*
Chilga .....	32,286	210	210	0.01	1,694	8.06	4
Metema .....	10,152	*	*	*	*	*	*
Quara .....	9,401	48	*	*	*	*	*
Alefa .....	46,244	*	*	*	*	*	*
Belesa .....	45,148	*	*	*	*	*	*
South Gondar Zone .....	374,252	1,068	1,587	0.00	*	*	5
Ebenat .....	41,969	*	*	*	*	*	*
Kemekem .....	30,786	*	*	*	*	*	*
Fogera .....	40,393	*	*	*	*	*	*
Farta .....	47,634	*	*	*	*	*	*
Lay Gayint .....	39,303	*	*	*	*	*	*
Tach Gayint .....	20,270	*	*	*	*	*	*
Simada .....	47,033	*	*	*	*	*	*
Estie .....	63,489	*	*	*	*	*	*
Dera .....	43,376	*	*	*	*	*	*
North Wollo Zone .....	307,669	552	911	0.00	2,584	1.74	4
Bugna .....	46,716	*	*	*	*	*	*
Kobo .....	41,472	*	*	*	*	*	-
Gidan .....	34,560	-	-	-	-	-	-
Meket .....	48,107	*	*	*	*	*	*
Wadala .....	26,661	*	*	*	*	*	*
Dawutna Delanta .....	35,910	*	*	*	*	*	*
Guba Lafto .....	35,600	*	*	*	*	*	*
Habru .....	38,645	*	*	*	*	*	*
South Wollo Zone .....	491,860	1,042	1,881	0.00	10,654	3.35	6
Mekdela .....	30,731	*	*	*	*	*	*
Tenta .....	35,460	*	*	*	*	*	*
Kutaber .....	21,652	*	*	*	*	*	*
Ambasel .....	26,365	*	*	*	*	*	*
Tehuledere .....	23,671	*	*	*	*	*	*
Werebabu .....	21,260	*	*	*	*	*	*
Kalu .....	39,177	233	*	*	*	*	4
Dessie Zuria .....	64,934	-	-	-	-	-	-
Legambo .....	35,598	*	*	*	*	*	*
Sayint .....	44,853	-	-	-	-	-	-
Debresina .....	36,673	*	*	*	*	*	*
Kelala .....	29,924	*	*	*	*	*	*
Jama .....	25,068	*	*	*	*	*	*
Were Ilu .....	29,715	*	*	*	*	*	*
Wegde .....	26,779	-	-	-	-	-	-
North Shewa (Amhara) Zone .....	338,763	3,130	3,925	0.01	773,091	196.45	8
Middana Weremo .....	16,652	*	*	*	*	*	*
Merhabete .....	23,035	*	*	*	*	*	*
Insarona Wayu .....	24,523	*	*	*	*	*	*
Moretna Jiru .....	17,289	*	*	*	*	*	*



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)
North Shewa (Amhara) Zone.....							
Gera Keya.....	27,268	*	*	*	*	*	*
Geshe .....	11,701	*	*	*	*	*	*
Antsokiya Gemza .....	12,985	*	*	*	*	*	*
Efratana Gidim .....	18,721	140	140	0.01	*	*	*
Lalo Midir.....	23,780	*	*	*	*	*	*
Mojana Wadera .....	14,989	-	-	-	-	-	-
Tarma Ber.....	17,150	171	171	0.01	55,135	322.43	13
Kewet.....	20,399	248	335	0.02	71,244	212.14	8
Asagirt .....	9,625	76	76	0.01	28,685	377.43	12
Angolelana Tera .....	14,930	*	*	*	*	*	*
Ankober .....	15,834	491	518	0.03	*	*	8
Hagere Mariam.....	10,654	639	972	0.09	88,226	89.98	5
Berehet.....	5,414	105	105	0.02	51,112	486.78	15
Minjarna Shenkora .....	22,920	475	475	0.02	153,860	324.79	9
Basona Werana.....	30,894	140	140	0.00	*	*	*
East Gojam Zone .....	377,208	1,074	1,319	0.00	153,438	115.48	7
Bibugn .....	20,380	*	*	*	*	*	*
Hulet Ej Enese.....	42,922	274	340	0.01	*	*	7
Goncha Siso Enese.....	26,631	181	181	0.01	*	*	6
Enbise Sar Midir.....	26,244	174	174	0.01	*	*	4
Enarj Enawga .....	31,408	168	*	*	*	*	*
Enemay .....	26,307	*	*	*	*	*	*
Debay Telatgen .....	24,182	*	*	*	*	*	*
Machakel .....	38,432	-	-	-	-	-	-
Guzamn .....	42,814	*	*	*	*	*	*
Baso Liben.....	26,092	*	*	*	*	*	*
Awabel.....	32,111	-	-	-	-	-	-
Dejen .....	20,267	*	*	*	*	*	*
Shebel Berenta.....	19,419	*	*	*	*	*	*
West Gojam Zone.....	371,763	1,936	2,856	0.01	242,388	74.11	5
Achefer .....	47,990	350	350	0.01	*	*	4
Bahir Dar Zuria .....	44,777	394	663	0.01	*	*	*
Yilman Densa .....	53,378	*	*	*	*	*	*
Merawi.....	47,811	*	*	*	*	*	*
Sekela .....	25,751	*	*	*	*	*	*
Kuarit .....	30,012	-	-	-	-	-	-
Dega Damot.....	28,781	*	*	*	*	*	*
Dembecha.....	21,896	*	*	*	*	*	*
Jabi Tehnan .....	35,596	-	-	-	-	-	-
Bure Wemberma .....	35,772	415	*	*	*	*	6
Waghamra Zone .....	75,654	*	152	*	*	*	*
Zikuala. ....	13,305	*	*	*	*	*	*
Sekota .....	33,740	*	*	*	*	*	*
Dehana.....	28,610	*	*	*	*	*	*
Awii Zone .....	152,723	214	319	0.00	*	*	5
Dangela. ....	33,997	*	*	*	*	*	*
Banja.....	25,927	*	*	*	*	*	*
Ankesha .....	38,056	-	-	-	-	-	-
Guangua.....	31,273	*	*	*	*	*	*
Faggeta Lekoma .....	23,471	*	*	*	*	*	*
Oromia Zone.....	72,663	168	205	0.00	*	*	*
Chefe Golana Dawe Rahimedo .....	30,075	-	-	-	-	-	-
Bati .....	16,309	*	*	*	*	*	*
Jile Tsumiga .....	11,838	59	59	0.00	*	*	*
Artuma Fursi .....	14,442	*	*	*	*	*	*



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)
Amhara Region.....	2,989,354	946	946	0.00	69,408	73.37	16
North Gondar Zone .....	426,798	*	*	*	*	*	*
Addi Arkay .....	23,992	-	-	-	-	-	-
Beyeda .....	17,537	-	-	-	-	-	-
Janamora .....	29,184	-	-	-	-	-	-
Debark .....	21,492	-	-	-	-	-	-
Dabat .....	24,578	-	-	-	-	-	-
Sanja .....	24,523	-	-	-	-	-	-
Lay Armacheho .....	24,975	*	*	*	*	*	*
Wegera .....	37,057	-	-	-	-	-	-
Gondar Zuria .....	38,957	-	-	-	-	-	-
Dembia .....	41,272	-	-	-	-	-	-
Chilga .....	32,286	-	-	-	-	-	-
Metema .....	10,152	-	-	-	-	-	-
Quara .....	9,401	*	*	*	*	*	*
Alefa .....	46,244	-	-	-	-	-	-
Belesa .....	45,148	-	-	-	-	-	-
South Gondar Zone .....	374,252	*	*	*	*	*	*
Ebenat .....	41,969	-	-	-	-	-	-
Kemekem .....	30,786	-	-	-	-	-	-
Fogera .....	40,393	-	-	-	-	-	-
Farta .....	47,634	*	*	*	*	*	*
Lay Gayint .....	39,303	-	-	-	-	-	-
Tach Gayint .....	20,270	-	-	-	-	-	-
Simada .....	47,033	-	-	-	-	-	-
Estie .....	63,489	-	-	-	-	-	-
Dera .....	43,376	*	*	*	*	*	*
North Wollo Zone .....	307,669	-	-	-	-	-	-
Bugna .....	46,716	-	-	-	-	-	-
Kobo .....	41,472	-	-	-	-	-	-
Gidan .....	34,560	-	-	-	-	-	-
Meket .....	48,107	-	-	-	-	-	-
Wadala .....	26,661	-	-	-	-	-	-
Dawutna Delanta .....	35,910	-	-	-	-	-	-
Guba Lafto .....	35,600	-	-	-	-	-	-
Habru .....	38,645	-	-	-	-	-	-
South Wollo Zone .....	491,860	324	324	0.00	*	*	*
Mekdela .....	30,731	-	-	-	-	-	-
Tenta .....	35,460	-	-	-	-	-	-
Kutaber .....	21,652	*	*	*	*	*	*
Ambasel .....	26,365	*	*	*	*	*	*
Tehuledere .....	23,671	*	*	*	*	*	*
Werebabu .....	21,260	-	-	-	-	-	-
Kalu .....	39,177	-	-	-	-	-	-
Dessie Zuria .....	64,934	*	*	*	*	*	*
Legambo .....	35,598	-	-	-	-	-	-
Sayint .....	44,853	-	-	-	-	-	-
Debresina .....	36,673	-	-	-	-	-	-
Kelala .....	29,924	*	*	*	*	*	*
Jama .....	25,068	-	-	-	-	-	-
Were Ilu .....	29,715	-	-	-	-	-	-
Wegde .....	26,779	-	-	-	-	-	-
North Shewa (Amhara) Zone .....	338,763	142	142	0.00	*	*	15
Middana Weremo .....	16,652	-	-	-	-	-	-
Merhabete .....	23,035	-	-	-	-	-	-
Insarona Wayu .....	24,523	*	*	*	*	*	*
Moretna Jiru .....	17,289	-	-	-	-	-	-



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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	-	-	-	-	-	-
Geshe .....	11,701	-	-	-	-	-	-
Antsokiya Gemza .....	12,985	-	-	-	-	-	-
Efratana Gidim .....	18,721	-	-	-	-	-	-
Lalo Midir.....	23,780	-	-	-	-	-	-
Mojana Wadera .....	14,989	*	*	*	*	*	*
Tarma Ber.....	17,150	-	-	-	-	-	-
Kewet.....	20,399	-	-	-	-	-	-
Asagirt .....	9,625	-	-	-	-	-	-
Angolelana Tera .....	14,930	*	*	*	*	*	*
Ankober.....	15,834	-	-	-	-	-	-
Hagere Mariam.....	10,654	*	*	*	*	*	*
Berehet.....	5,414	-	-	-	-	-	-
Minjarna Shenkora .....	22,920	-	-	-	-	-	-
Basana Werana.....	30,894	*	*	*	*	*	*
East Gojam Zone .....	377,208	*	*	*	*	*	*
Bibugn .....	20,380	-	-	-	-	-	-
Hulet Ej Enese.....	42,922	-	-	-	-	-	-
Goncha Siso Enese .....	26,631	-	-	-	-	-	-
Enbise Sar Midir.....	26,244	-	-	-	-	-	-
Enarj Enawga .....	31,408	-	-	-	-	-	-
Enemay .....	26,307	*	*	*	*	*	*
Debay Telatgen .....	24,182	-	-	-	-	-	-
Machakel .....	38,432	-	-	-	-	-	-
Guzamn .....	42,814	-	-	-	-	-	-
Baso Liben.....	26,092	-	-	-	-	-	-
Awabel.....	32,111	-	-	-	-	-	-
Dejen.....	20,267	-	-	-	-	-	-
Shebel Berenta.....	19,419	-	-	-	-	-	-
West Gojam Zone.....	371,763	*	*	*	*	*	*
Achefer .....	47,990	-	-	-	-	-	-
Bahir Dar Zuria .....	44,777	-	-	-	-	-	-
Yilman Densa .....	53,378	-	-	-	-	-	-
Merawi.....	47,811	-	-	-	-	-	-
Sekela .....	25,751	-	-	-	-	-	-
Kuarit.....	30,012	-	-	-	-	-	-
Dega Damot.....	28,781	-	-	-	-	-	-
Dembecha.....	21,896	-	-	-	-	-	-
Jabi Tehnan.....	35,596	-	-	-	-	-	-
Bure Wemberma .....	35,772	*	*	*	*	*	*
Waghamra Zone .....	75,654	-	-	-	-	-	-
Zikuala .....	13,305	-	-	-	-	-	-
Sekota .....	33,740	-	-	-	-	-	-
Dehana.....	28,610	-	-	-	-	-	-
Awi Zone .....	152,723	-	-	-	-	-	-
Dangela .....	33,997	-	-	-	-	-	-
Banja.....	25,927	-	-	-	-	-	-
Ankesha.....	38,056	-	-	-	-	-	-
Guangua.....	31,273	-	-	-	-	-	-
Faggeta Lekoma.....	23,471	-	-	-	-	-	-
Oromia Zone.....	72,663	*	*	*	*	*	*
Chefe Golana Dawe Rahimedo.....	30,075	-	-	-	-	-	-
Bati .....	16,309	*	*	*	*	*	*
Jile Tsumiga .....	11,838	-	-	-	-	-	-
Artuma Fursi .....	14,442	*	*	*	*	*	*



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)
Amhara Region.....	2,989,354	20,736	26,095	0.01	10,085,830	301.51	8
North Gonder Zone .....	426,798	2,790	3,625	0.01	1,756,182	337.46	9
Addi Arkay .....	23,992	*	*	*	*	*	*
Beyeda .....	17,537	*	*	*	*	*	*
Janamora .....	29,184	542	595	0.02	232,866	346.97	*
Debark .....	21,492	*	*	*	*	*	*
Dabat .....	24,578	163	163	0.01	*	*	*
Sanja .....	24,523	*	*	*	*	*	*
Lay Armacheho .....	24,975	-	-	-	-	-	-
Wegera .....	37,057	623	796	0.02	338,847	307.86	9
Gondar Zuria .....	38,957	-	-	-	-	-	-
Dembia .....	41,272	-	-	-	-	-	-
Chilga .....	32,286	*	*	*	*	*	*
Metema .....	10,152	-	-	-	-	-	-
Quara .....	9,401	*	*	*	*	*	*
Alefa .....	46,244	*	*	*	*	*	*
Belesa .....	45,148	*	*	*	*	*	*
South Gonder Zone .....	374,252	2,634	2,990	0.01	1,174,213	340.49	8
Ebenat .....	41,969	*	*	*	*	*	*
Kemekem .....	30,786	-	-	-	-	-	-
Fogera .....	40,393	-	-	-	-	-	-
Farta .....	47,634	*	*	*	*	*	*
Lay Gayint .....	39,303	1,419	1,644	0.04	566,360	284.48	8
Tach Gayint .....	20,270	-	-	-	-	-	-
Simada .....	47,033	*	*	*	*	*	*
Estie .....	63,489	*	*	*	*	*	*
Dera .....	43,376	-	-	-	-	-	-
North Wollo Zone .....	307,669	2,968	3,483	0.01	1,743,829	430.47	6
Bugna .....	46,716	*	*	*	*	*	*
Kobo .....	41,472	*	*	*	*	*	*
Gidan .....	34,560	*	*	*	*	*	*
Meket .....	48,107	-	-	-	-	-	-
Wadala .....	26,661	*	*	*	*	*	*
Dawutna Delanta .....	35,910	1,466	1,523	0.04	*	*	8
Guba Lafto .....	35,600	*	*	*	*	*	*
Habru .....	38,645	-	-	-	-	-	-
South Wollo Zone .....	491,860	2,701	3,144	0.01	1,049,941	280.73	8
Mekdela .....	30,731	*	*	*	*	*	*
Tenta .....	35,460	*	*	*	*	*	*
Kutaber .....	21,652	-	-	-	-	-	-
Ambasel .....	26,365	-	-	-	-	-	-
Tehuledere .....	23,671	*	*	*	*	*	*
Werebabu .....	21,260	-	-	-	-	-	-
Kalu .....	39,177	*	*	*	*	*	*
Dessie Zuria .....	64,934	*	*	*	*	*	*
Legambo .....	35,598	2,148	2,435	0.07	682,647	246.97	7
Sayint .....	44,853	-	-	-	-	-	-
Debresina .....	36,673	-	-	-	-	-	-
Kelala .....	29,924	-	-	-	-	-	-
Jama .....	25,068	*	*	*	*	*	*
Were Ilu .....	29,715	-	-	-	-	-	-
Wegde .....	26,779	-	-	-	-	-	-
North Shewa (Amhara) Zone .....	338,763	857	878	0.00	268,860	296.80	8
Middana Weremo .....	16,652	-	-	-	-	-	-
Merhabete .....	23,035	-	-	-	-	-	-
Insarona Wayu .....	24,523	*	*	*	*	*	*
Moretna Jiru .....	17,289	*	*	*	*	*	*



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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	217	217	0.01	*	*	*
Geshe .....	11,701	-	-	-	-	-	-
Antsokiya Gemza .....	12,985	-	-	-	-	-	-
Efratana Gidim .....	18,721	*	*	*	*	*	*
Lalo Midir.....	23,780	*	*	*	*	*	*
Mojana Wadera .....	14,989	-	-	-	-	-	-
Tarma Ber.....	17,150	-	-	-	-	-	-
Kewet.....	20,399	*	*	*	*	*	*
Asagirt .....	9,625	*	*	*	*	*	*
Angolelana Tera .....	14,930	-	-	-	-	-	-
Ankober .....	15,834	-	-	-	-	-	-
Hagere Mariam.....	10,654	-	-	-	-	-	-
Berehet.....	5,414	-	-	-	-	-	-
Minjarna Shenkora .....	22,920	*	*	*	*	*	*
Basona Werana.....	30,894	-	-	-	-	-	-
East Gojam Zone .....	377,208	1,364	1,901	0.01	648,360	244.94	8
Bibugn .....	20,380	*	*	*	*	*	*
Hulet Ej Enese .....	42,922	*	*	*	*	*	*
Goncha Siso Enese .....	26,631	-	-	-	-	-	-
Enbise Sar Midir.....	26,244	*	*	*	*	*	*
Enarj Enawga .....	31,408	*	*	*	*	*	*
Enemay .....	26,307	-	-	-	-	-	-
Debay Telatgen .....	24,182	*	*	*	*	*	*
Machakel .....	38,432	*	*	*	*	*	*
Guzamn .....	42,814	*	*	*	*	*	*
Baso Liben.....	26,092	-	-	-	-	-	-
Awabel.....	32,111	*	*	*	*	*	*
Dejen.....	20,267	*	*	*	*	*	*
Shebel Berenta.....	19,419	-	-	-	-	-	-
West Gojam Zone.....	371,763	835	1,116	0.00	457,749	291.06	8
Achefer .....	47,990	*	*	*	*	*	*
Bahir Dar Zuria .....	44,777	-	-	-	-	-	-
Yilman Densa .....	53,378	-	-	-	-	-	-
Merawi.....	47,811	-	-	-	-	-	-
Sekela .....	25,751	305	305	0.01	89,072	292.04	8
Kuarit.....	30,012	*	*	*	*	*	*
Dega Damot.....	28,781	*	*	*	*	*	*
Dembecha.....	21,896	*	*	*	*	*	*
Jabi Tehnan.....	35,596	*	*	*	*	*	*
Bure Wemberma .....	35,772	-	-	-	-	-	-
Waghamra Zone .....	75,654	392	487	0.01	139,105	*	4
Zikuala .....	13,305	*	*	*	*	*	*
Sekota .....	33,740	*	*	*	*	*	*
Dehana.....	28,610	*	*	*	*	*	*
Awi Zone .....	152,723	6,152	8,408	0.06	2,794,959	242.35	8
Dangela .....	33,997	-	-	-	-	-	-
Banja.....	25,927	-	-	-	-	-	-
Ankesha.....	38,056	5,382	7,282	0.19	2,448,491	248.29	8
Guangua.....	31,273	*	*	*	*	*	*
Faggeta Lekoma .....	23,471	*	*	*	*	*	*
Oromia Zone.....	72,663	*	*	*	*	*	*
Chefe Golana Dawe Rahimedo..	30,075	-	-	-	-	-	-
Bati .....	16,309	*	*	*	*	*	*
Jile Tsumiga .....	11,838	*	*	*	*	*	*
Artuma Fursi .....	14,442	-	-	-	-	-	-



TABLE 8.23A: - Number of Holders Reporting Horse (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 Horses Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Horse (Birr)	Average Age of Horse (Years)
Amhara Region.....	2,989,354	59,714	85,860	0.03	30,118,066	244.95	8
North Gondar Zone .....	426,798	7,504	10,548	0.02	4,388,205	289.89	8
Addi Arkay .....	23,992	*	*	*	*	*	*
Beyeda .....	17,537	*	*	*	*	*	*
Janamora .....	29,184	*	*	*	*	*	*
Debark .....	21,492	4,898	7,411	0.34	3,194,171	276.06	8
Dabat .....	24,578	637	806	0.03	351,636	353.17	9
Sanja .....	24,523	-	-	-	-	-	-
Lay Armacheho .....	24,975	-	-	-	-	-	-
Wegera .....	37,057	1,515	1,833	0.05	591,645	274.26	7
Gondar Zuria .....	38,957	-	-	-	-	-	-
Dembia .....	41,272	-	-	-	-	-	-
Chilga .....	32,286	-	-	-	-	-	-
Metema .....	10,152	-	-	-	-	-	-
Quara .....	9,401	-	-	-	-	-	-
Alefa .....	46,244	-	-	-	-	-	-
Belesa .....	45,148	-	-	-	-	-	-
South Gondar Zone .....	374,252	*	*	*	*	*	*
Ebenat .....	41,969	-	-	-	-	-	-
Kemekem .....	30,786	-	-	-	-	-	-
Fogera .....	40,393	-	-	-	-	-	-
Farta .....	47,634	*	*	*	*	*	*
Lay Gayint .....	39,303	-	-	-	-	-	-
Tach Gayint .....	20,270	-	-	-	-	-	-
Simada .....	47,033	-	-	-	-	-	-
Estie .....	63,489	*	*	*	*	*	*
Dera .....	43,376	-	-	-	-	-	-
North Wollo Zone .....	307,669	9,992	12,369	0.04	4,978,896	323.26	6
Bugna .....	46,716	-	-	-	-	-	-
Kobo .....	41,472	-	-	-	-	-	-
Gidan .....	34,560	*	*	*	*	*	*
Meket .....	48,107	*	*	*	*	*	*
Wadala .....	26,661	4,889	5,891	0.22	2,398,185	342.57	6
Dawutna Delanta .....	35,910	*	*	*	*	*	*
Guba Lafto .....	35,600	*	*	*	*	*	*
Habru .....	38,645	-	-	-	-	-	-
South Wollo Zone .....	491,860	4,411	4,989	0.01	1,477,051	265.83	8
Mekdela .....	30,731	-	-	-	-	-	-
Tenta .....	35,460	2,210	2,550	0.07	774,376	267.78	7
Kutaber .....	21,652	-	-	-	-	-	-
Ambasel .....	26,365	-	-	-	-	-	-
Tehuledere .....	23,671	-	-	-	-	-	-
Werebabu .....	21,260	-	-	-	-	-	-
Kalu .....	39,177	-	-	-	-	-	-
Dessie Zuria .....	64,934	*	*	*	*	*	*
Legambo .....	35,598	1,537	1,707	0.05	463,773	245.93	7
Sayint .....	44,853	-	-	-	-	-	-
Debresina .....	36,673	-	-	-	-	-	-
Kelala .....	29,924	*	*	*	*	*	-
Jama .....	25,068	-	-	-	-	-	-
Were Ilu .....	29,715	-	-	-	-	-	-
Wegde .....	26,779	-	-	-	-	-	-
North Shewa (Amhara) Zone .....	338,763	2,404	2,502	0.01	766,642	290.63	7
Middana Weremo .....	16,652	-	-	-	-	-	-
Merhabete .....	23,035	*	*	*	*	*	*
Insarona Wayu .....	24,523	*	*	*	*	*	*
Moretna Jiru .....	17,289	1,166	1,191	0.07	424,059	346.91	6



TABLE 8.23A: - 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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	452	478	0.02	105,138	209.11	6
Geshe .....	11,701	-	-	-	-	-	-
Antsokiya Gemza .....	12,985	*	*	*	*	*	*
Efratana Gidim .....	18,721	*	*	*	*	*	*
Lalo Midir.....	23,780	*	*	*	*	*	*
Mojana Wadera .....	14,989	*	*	*	*	*	*
Tarma Ber.....	17,150	-	-	-	-	-	-
Kewet.....	20,399	-	-	-	-	-	-
Asagirt .....	9,625	-	-	-	-	-	-
Angolelana Tera .....	14,930	-	-	-	-	-	-
Ankober.....	15,834	-	-	-	-	-	-
Hagere Mariam.....	10,654	-	-	-	-	-	-
Berehet.....	5,414	-	-	-	-	-	-
Minjarna Shenkora .....	22,920	-	-	-	-	-	-
Basona Werana.....	30,894	*	*	*	*	*	*
East Gojam Zone .....	377,208	3,557	4,049	0.01	1,619,201	354.96	8
Bibugn .....	20,380	252	276	0.01	69,479	238.54	7
Hulet Ej Enese.....	42,922	*	*	*	*	*	*
Goncha Siso Enese.....	26,631	-	-	-	-	-	-
Enbise Sar Midir.....	26,244	-	-	-	-	-	-
Enarj Enawga .....	31,408	-	-	-	-	-	-
Enemay .....	26,307	-	-	-	-	-	-
Debay Telatgen .....	24,182	*	*	*	*	*	*
Machakel .....	38,432	*	*	*	*	*	*
Guzamn .....	42,814	1,832	*	*	*	*	*
Baso Liben.....	26,092	-	-	-	-	-	-
Awabel.....	32,111	*	*	*	*	*	*
Dejen.....	20,267	-	-	-	-	-	-
Shebel Berenta.....	19,419	-	-	-	-	-	-
West Gojam Zone.....	371,763	5,775	7,944	0.02	2,713,047	248.01	7
Achefer .....	47,990	-	-	-	-	-	-
Bahir Dar Zuria .....	44,777	-	-	-	-	-	-
Yilman Densa .....	53,378	-	-	-	-	-	-
Merawi.....	47,811	*	*	*	*	*	*
Sekela .....	25,751	3,478	5,080	0.20	1,714,562	226.73	8
Kuarit.....	30,012	*	*	*	*	*	*
Dega Damot.....	28,781	1,548	2,039	0.07	699,740	265.15	7
Dembecha.....	21,896	-	-	-	-	-	-
Jabi Tehnan.....	35,596	*	*	*	*	*	*
Bure Wemberma .....	35,772	*	*	*	*	*	*
Waghamra Zone .....	75,654	-	-	-	-	-	-
Zikuala .....	13,305	-	-	-	-	-	-
Sekota .....	33,740	-	-	-	-	-	-
Dehana.....	28,610	-	-	-	-	-	-
Awi Zone.....	152,723	23,142	40,319	0.26	12,879,812	181.15	8
Dangela .....	33,997	*	*	*	*	*	*
Banja.....	25,927	14,463	26,048	1.00	8,406,106	175.75	8
Ankesha.....	38,056	1,967	2,758	0.07	*	209.78	6
Guangua.....	31,273	-	-	-	-	-	-
Faggeta Lekoma.....	23,471	6,671	11,472	0.49	3,620,309	185.37	8
Oromia Zone.....	72,663	-	-	-	-	-	-
Chefe Golana Dawe Rahimedo.	30,075	-	-	-	-	-	-
Bati .....	16,309	-	-	-	-	-	-
Jile Tsumiga .....	11,838	-	-	-	-	-	-
Artuma Fursi .....	14,442	-	-	-	-	-	-



TABLE 8.24A: - Number of Holders Reporting Mule (Specifically for ploughing) 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)
Amhara Region.....	2,989,354	3,729	4,096	0.00	3,038,525	676.91	10
North Gonder Zone .....	426,798	242	*	*	*	*	5
Addi Arkay .....	23,992	-	-	-	-	-	-
Beyeda .....	17,537	-	-	-	-	-	-
Janamora .....	29,184	-	-	-	-	-	-
Debark .....	21,492	*	*	*	*	*	*
Dabat .....	24,578	-	-	-	-	-	-
Sanja .....	24,523	-	-	-	-	-	-
Lay Armacheho .....	24,975	-	-	-	-	-	-
Wegera .....	37,057	*	*	*	*	*	*
Gondar Zuria .....	38,957	-	-	-	-	-	-
Dembia .....	41,272	-	-	-	-	-	-
Chilga .....	32,286	-	-	-	-	-	-
Metema .....	10,152	-	-	-	-	-	-
Quara .....	9,401	-	-	-	-	-	-
Alefa .....	46,244	-	-	-	-	-	-
Belesa .....	45,148	-	-	-	-	-	-
South Gonder Zone .....	374,252	*	*	*	*	*	*
Ebenat .....	41,969	-	-	-	-	-	-
Kemekem .....	30,786	-	-	-	-	-	-
Fogera .....	40,393	-	-	-	-	-	-
Farta .....	47,634	*	*	*	*	*	*
Lay Gayint .....	39,303	-	-	-	-	-	-
Tach Gayint .....	20,270	-	-	-	-	-	-
Simada .....	47,033	-	-	-	-	-	-
Estie .....	63,489	-	-	-	-	-	-
Dera .....	43,376	-	-	-	-	-	-
North Wollo Zone .....	307,669	448	482	0.00	466,395	932.28	7
Bugna .....	46,716	-	-	-	-	-	-
Kobo .....	41,472	-	-	-	-	-	-
Gidan .....	34,560	-	-	-	-	-	-
Meket .....	48,107	*	*	*	*	*	*
Wadala .....	26,661	*	*	*	*	*	*
Dawutna Delanta .....	35,910	*	*	*	*	*	*
Guba Lafto .....	35,600	-	-	-	-	-	-
Habru .....	38,645	-	-	-	-	-	-
South Wollo Zone .....	491,860	*	*	*	*	*	*
Mekdela .....	30,731	-	-	-	-	-	-
Tenta .....	35,460	-	-	-	-	-	-
Kutaber .....	21,652	-	-	-	-	-	-
Ambasel .....	26,365	-	-	-	-	-	-
Tehuledere .....	23,671	-	-	-	-	-	-
Werebabu .....	21,260	-	-	-	-	-	-
Kalu .....	39,177	-	-	-	-	-	-
Dessie Zuria .....	64,934	-	-	-	-	-	-
Legambo .....	35,598	*	*	*	*	*	*
Sayint .....	44,853	-	-	-	-	-	-
Debresina .....	36,673	-	-	-	-	-	-
Kelala .....	29,924	-	-	-	-	-	-
Jama .....	25,068	-	-	-	-	-	-
Were Ilu .....	29,715	-	-	-	-	-	-
Wegde .....	26,779	-	-	-	-	-	-
North Shewa (Amhara) Zone .....	338,763	163	185	0.00	129,924	631.20	10
Middana Weremo .....	16,652	-	-	-	-	-	-
Merhabete .....	23,035	-	-	-	-	-	-
Insarona Wayu .....	24,523	-	-	-	-	-	-
Moretna Jiru .....	17,289	-	-	-	-	-	-



TABLE 8.24A: - Number of Holders Reporting Mule (Specifically for ploughing) 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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	*	*	*	*	*	*
Geshe .....	11,701	-	-	-	-	-	-
Antsokiya Gemza .....	12,985	*	*	*	*	*	*
Efratana Gidim .....	18,721	*	*	*	*	*	*
Lalo Midir.....	23,780	-	-	-	-	-	-
Mojana Wadera .....	14,989	-	-	-	-	-	-
Tarma Ber.....	17,150	-	-	-	-	-	-
Kewet.....	20,399	-	-	-	-	-	-
Asagirt .....	9,625	-	-	-	-	-	-
Angolelana Tera .....	14,930	-	-	-	-	-	-
Ankober.....	15,834	-	-	-	-	-	-
Hagere Mariam.....	10,654	-	-	-	-	-	-
Berehet.....	5,414	-	-	-	-	-	-
Minjarna Shenkora .....	22,920	-	-	-	-	-	-
Basona Werana.....	30,894	-	-	-	-	-	-
East Gojam Zone .....	377,208	*	*	*	*	*	*
Bibugn .....	20,380	*	*	*	*	*	*
Hulet Ej Enese.....	42,922	-	-	-	-	-	-
Goncha Siso Enese.....	26,631	-	-	-	-	-	-
Enbise Sar Midir.....	26,244	-	-	-	-	-	-
Enarj Enawga .....	31,408	-	-	-	-	-	-
Enemay .....	26,307	-	-	-	-	-	-
Debay Telatgen .....	24,182	-	-	-	-	-	-
Machakel .....	38,432	*	*	*	*	*	*
Guzamn .....	42,814	*	*	*	*	*	*
Baso Liben.....	26,092	-	-	-	-	-	-
Awabel.....	32,111	*	*	*	*	*	*
Dejen.....	20,267	-	-	-	-	-	-
Shebel Berenta.....	19,419	-	-	-	-	-	-
West Gojam Zone.....	371,763	784	821	0.00	515,479	600.38	9
Achefer .....	47,990	-	-	-	-	-	-
Bahir Dar Zuria .....	44,777	-	-	-	-	-	-
Yilman Densa .....	53,378	-	-	-	-	-	-
Merawi.....	47,811	-	-	-	-	-	-
Sekela .....	25,751	230	267	0.01	183,031	600.99	*
Kuarit.....	30,012	*	*	*	*	*	*
Dega Damot.....	28,781	*	*	*	*	*	*
Dembecha.....	21,896	-	-	-	-	-	-
Jabi Tehnan.....	35,596	-	-	-	-	-	-
Bure Wemberma .....	35,772	-	-	-	-	-	-
Waghamra Zone .....	75,654	-	-	-	-	-	-
Zikuala .....	13,305	-	-	-	-	-	-
Sekota .....	33,740	-	-	-	-	-	-
Dehana.....	28,610	-	-	-	-	-	-
Awi Zone.....	152,723	453	481	0.00	316,902	611.85	12
Dangela .....	33,997	-	-	-	-	-	-
Banja.....	25,927	*	*	*	125,278	*	*
Ankesha.....	38,056	-	-	-	-	-	-
Guangua.....	31,273	-	-	-	-	-	-
Faggeta Lekoma.....	23,471	226	255	0.01	191,624	662.84	14
Oromia Zone.....	72,663	-	-	-	-	-	-
Chefe Golana Dawe Rahimedo.	30,075	-	-	-	-	-	-
Bati .....	16,309	-	-	-	-	-	-
Jile Tsumiga .....	11,838	-	-	-	-	-	-
Artuma Fursi .....	14,442	-	-	-	-	-	-



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)
Amhara Region.....	2,989,354	2,122,013	3,769,055	1.26	2,145,166,659	338.12	8
North Gondar Zone .....	426,798	304,155	533,796	1.25	312,857,648	350.27	8
Addi Arkay .....	23,992	15,857	25,942	1.08	17,949,100	430.34	8
Beyeda .....	17,537	10,869	13,635	0.78	8,659,465	505.65	8
Janamora .....	29,184	17,774	24,463	0.84	15,349,998	454.64	7
Debark .....	21,492	11,952	20,072	0.93	14,468,826	435.91	7
Dabat .....	24,578	15,423	22,226	0.90	14,436,198	447.89	7
Sanja .....	24,523	20,376	52,748	2.15	28,318,965	254.27	7
Lay Armacheho .....	24,975	17,348	27,330	1.09	16,850,491	389.70	7
Wegera .....	37,057	23,737	34,837	0.94	19,925,302	397.10	7
Gondar Zuria .....	38,957	28,168	58,088	1.49	28,917,596	298.37	9
Dembia .....	41,272	32,092	50,247	1.22	33,346,837	426.31	8
Chilga .....	32,286	24,962	44,041	1.36	25,797,157	338.55	8
Metema .....	10,152	6,783	13,717	1.35	8,420,927	300.20	7
Quara .....	9,401	6,762	13,803	1.47	7,938,747	282.92	7
Alefa .....	46,244	35,658	65,692	1.42	36,704,918	304.08	7
Belesa .....	45,148	36,396	66,956	1.48	35,773,123	291.65	8
South Gondar Zone .....	374,252	274,489	473,480	1.27	235,401,394	317.68	8
Ebenat .....	41,969	30,761	51,886	1.24	26,109,686	296.54	8
Kemekem .....	30,786	22,338	34,925	1.13	21,818,131	396.59	8
Fogera .....	40,393	28,557	81,684	2.02	30,182,139	219.73	8
Farta .....	47,634	31,884	45,796	0.96	27,585,278	416.88	8
Lay Gayint .....	39,303	25,041	34,898	0.89	17,011,510	355.33	8
Tach Gayint .....	20,270	13,785	19,766	0.98	9,243,474	322.25	9
Simada .....	47,033	35,723	66,926	1.42	27,046,546	255.78	9
Estie .....	63,489	53,240	85,580	1.35	47,601,736	347.77	9
Dera .....	43,376	33,161	52,019	1.20	28,802,896	355.43	8
North Wollo Zone .....	307,669	205,467	330,232	1.07	193,616,341	377.02	6
Bugna .....	46,716	32,342	52,170	1.12	30,200,829	349.43	6
Kobo .....	41,472	32,187	51,232	1.24	35,691,652	428.82	6
Gidan .....	34,560	23,218	48,334	1.40	17,070,697	249.44	7
Meket .....	48,107	32,643	48,892	1.02	27,045,131	366.91	6
Wadala .....	26,661	16,208	24,170	0.91	13,921,236	383.79	7
Dawutna Delanta .....	35,910	23,575	35,551	0.99	21,041,995	390.37	7
Guba Lafto .....	35,600	22,613	33,055	0.93	23,039,788	471.70	6
Habru .....	38,645	22,681	36,829	0.95	25,605,013	422.62	5
South Wollo Zone .....	491,860	328,671	558,956	1.14	338,659,388	366.13	9
Mekdela .....	30,731	20,829	32,659	1.06	19,897,053	379.87	9
Tenta .....	35,460	22,480	32,549	0.92	21,613,424	452.83	8
Kutaber .....	21,652	15,962	25,814	1.19	17,904,547	434.08	9
Ambasel .....	26,365	18,257	32,995	1.25	20,738,861	354.84	9
Tehuledere .....	23,671	15,931	25,152	1.06	16,841,075	419.26	9
Werebaba .....	21,260	13,308	23,400	1.10	17,434,353	429.53	9
Kalu .....	39,177	25,735	59,359	1.52	33,169,662	326.01	9
Dessie Zuria .....	64,934	41,256	65,850	1.01	43,739,033	420.50	10
Legambo .....	35,598	18,574	30,182	0.85	15,661,267	320.94	8
Sayint .....	44,853	34,647	57,172	1.27	32,504,931	345.04	9
Debresina .....	36,673	25,602	42,964	1.17	20,751,077	285.76	8
Kelala .....	29,924	21,742	42,091	1.41	26,099,196	316.09	8
Jama .....	25,068	16,301	26,317	1.05	16,667,716	390.20	8
Were Ilu .....	29,715	18,962	29,376	0.99	18,429,956	403.02	8
Wegde .....	26,779	19,083	33,076	1.24	17,207,237	297.78	8
North Shewa (Amhara) Zone .....	338,763	243,190	458,706	1.35	292,629,826	369.81	8
Middana Weremo .....	16,652	10,856	17,042	1.02	9,915,987	368.91	9
Merhabete .....	23,035	17,204	33,149	1.44	16,267,706	303.20	8
Insarona Wayu .....	24,523	17,483	59,871	2.44	21,822,202	211.00	7
Moretna Jiru .....	17,289	12,621	18,912	1.09	12,405,562	442.10	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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	17,871	27,521	1.01	15,820,251	369.99	9
Geshe .....	11,701	8,352	12,258	1.05	6,651,116	372.03	8
Antsokiya Gemza .....	12,985	7,580	10,829	0.83	6,900,042	441.97	8
Efratana Gidim .....	18,721	13,330	20,195	1.08	13,335,748	440.48	7
Lalo Midir.....	23,780	17,140	26,797	1.13	16,608,425	399.31	9
Mojana Wadera .....	14,989	11,313	21,927	1.46	12,669,914	353.14	9
Tarma Ber.....	17,150	12,257	20,554	1.20	13,730,400	394.40	8
Kewet.....	20,399	14,534	25,756	1.26	16,853,692	377.86	8
Asagirt.....	9,625	7,060	13,754	1.43	9,701,066	392.82	7
Angolelana Tera .....	14,930	10,835	22,144	1.48	16,472,508	370.65	7
Ankober.....	15,834	11,412	18,846	1.19	13,683,615	440.58	8
Hagere Mariam.....	10,654	8,518	15,543	1.46	13,099,257	464.61	7
Berehet.....	5,414	4,689	9,694	1.79	7,663,197	386.49	7
Minjarna Shenkora .....	22,920	17,785	44,511	1.94	39,459,784	398.34	8
Basona Werana.....	30,894	22,351	39,401	1.28	29,569,353	431.00	9
East Gojam Zone .....	377,208	289,142	527,253	1.40	289,897,563	316.03	8
Bibugn .....	20,380	16,152	26,049	1.28	10,085,988	295.22	7
Hulet Ej Enese.....	42,922	35,784	54,164	1.26	25,137,856	308.54	7
Goncha Siso Enese.....	26,631	20,839	39,424	1.48	17,044,768	277.01	8
Enbise Sar Midir.....	26,244	17,898	24,786	0.94	13,541,252	391.87	8
Enarj Enawga .....	31,408	23,547	36,780	1.17	21,078,800	366.58	7
Enemay .....	26,307	20,104	32,380	1.23	20,168,293	390.32	9
Debay Telatgen .....	24,182	19,037	43,966	1.82	21,244,742	271.22	9
Machakel .....	38,432	32,025	70,082	1.82	39,288,653	255.71	8
Guzamn .....	42,814	32,760	62,285	1.45	38,464,831	324.13	8
Baso Liben.....	26,092	19,880	36,537	1.40	21,611,007	321.86	8
Awabel.....	32,111	25,547	52,631	1.64	33,977,207	310.67	7
Dejen.....	20,267	13,634	22,484	1.11	16,531,250	446.89	9
Shebel Berenta.....	19,419	11,935	25,684	1.32	11,722,917	283.46	8
West Gojam Zone.....	371,763	287,714	539,162	1.45	286,119,351	298.62	7
Achefer .....	47,990	37,025	77,583	1.62	40,769,915	252.27	7
Bahir Dar Zuria .....	44,777	34,010	65,302	1.46	40,696,504	329.67	7
Yilman Densa .....	53,378	41,972	61,679	1.16	36,046,514	400.47	7
Merawi.....	47,811	37,337	100,368	2.10	36,087,648	189.54	8
Sekela .....	25,751	18,478	27,615	1.07	12,553,873	304.04	7
Kuarit.....	30,012	24,967	36,519	1.22	20,720,660	386.37	8
Dega Damot.....	28,781	23,866	33,465	1.16	17,623,592	375.53	8
Dembecha.....	21,896	18,378	38,934	1.78	24,197,545	288.18	7
Jabi Tehnan.....	35,596	26,402	46,176	1.30	25,741,112	316.06	7
Bure Wemberma .....	35,772	25,279	51,521	1.44	31,681,988	296.86	7
Waghamra Zone .....	75,654	52,877	93,238	1.23	49,213,157	321.51	6
Zikuala .....	13,305	10,527	20,251	1.52	12,229,225	313.96	5
Sekota .....	33,740	23,443	37,712	1.12	21,482,985	351.44	5
Dehana.....	28,610	18,908	35,274	1.23	15,500,948	293.87	6
Awi Zone.....	152,723	88,050	170,045	1.11	87,353,288	275.50	7
Dangela .....	33,997	24,802	50,321	1.48	28,464,797	275.00	6
Banja.....	25,927	7,659	17,944	0.69	6,154,327	222.76	6
Ankesha.....	38,056	19,762	33,180	0.87	17,398,788	321.39	7
Guangua.....	31,273	21,987	45,979	1.47	24,911,561	259.67	7
Faggeta Lekoma.....	23,471	13,840	22,622	0.96	10,423,814	283.27	7
Oromia Zone.....	72,663	48,258	84,188	1.16	59,418,703	401.04	7
Chefe Golana Dawe Rahimedo.....	30,075	19,442	35,514	1.18	25,293,863	382.99	7
Bati .....	16,309	11,262	19,380	1.19	15,628,538	466.41	8
Jile Tsumiga .....	11,838	8,425	13,727	1.16	8,972,882	403.77	7
Artuma Fursi .....	14,442	9,130	15,567	1.08	9,523,420	358.41	8



TABLE 8.26A: - Number of Holders Reporting Ass (Threshing or 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)
Amhara Region.....	2,989,354	886,442	1,105,496	0.37	188,781,125	141.87	8
North Gondar Zone .....	426,798	138,413	168,099	0.39	34,935,995	172.72	7
Addi Arkay .....	23,992	6,664	7,902	0.33	2,146,116	235.00	7
Beyeda .....	17,537	7,002	8,714	0.50	1,822,998	175.41	7
Janamora .....	29,184	10,381	14,047	0.48	3,199,928	157.14	7
Debark .....	21,492	5,749	7,387	0.34	1,752,452	184.83	7
Dabat .....	24,578	6,950	8,560	0.35	1,751,612	166.69	8
Sanja .....	24,523	9,997	11,725	0.48	3,447,271	256.80	6
Lay Armacheho .....	24,975	7,232	8,908	0.36	1,556,375	152.13	7
Wegera .....	37,057	12,684	14,646	0.40	2,635,345	155.55	8
Gondar Zuria .....	38,957	16,969	19,616	0.50	3,267,261	144.45	8
Dembia .....	41,272	6,974	8,247	0.20	1,621,788	164.08	7
Chilga .....	32,286	12,663	14,619	0.45	3,101,158	182.14	8
Metema .....	10,152	5,098	5,355	0.53	1,554,883	277.00	6
Quara .....	9,401	4,290	4,777	0.51	1,318,290	250.32	5
Alefa .....	46,244	11,006	12,761	0.28	2,458,806	167.79	8
Belesa .....	45,148	14,754	20,835	0.46	3,301,710	112.09	7
South Gondar Zone .....	374,252	99,169	124,484	0.33	18,480,090	121.85	9
Ebenat .....	41,969	12,681	16,530	0.39	2,314,925	105.73	9
Kemekem .....	30,786	9,914	11,871	0.39	1,972,915	138.75	8
Fogera .....	40,393	7,892	9,121	0.23	1,787,007	171.32	9
Farta .....	47,634	13,464	15,254	0.32	2,439,561	149.17	8
Lay Gayint .....	39,303	11,454	13,815	0.35	1,932,358	116.47	8
Tach Gayint .....	20,270	8,458	10,965	0.54	1,333,442	100.97	9
Simada .....	47,033	13,381	19,058	0.41	2,566,657	98.01	10
Estie .....	63,489	15,777	20,204	0.32	2,900,480	116.01	9
Dera .....	43,376	6,149	7,665	0.18	1,232,745	131.42	9
North Wollo Zone .....	307,669	80,046	98,639	0.32	16,434,725	136.10	6
Bugna .....	46,716	13,386	16,428	0.35	2,887,490	141.09	7
Kobo .....	41,472	10,346	11,799	0.28	2,153,333	163.45	7
Gidan .....	34,560	11,138	13,906	0.40	2,192,157	126.91	7
Meket .....	48,107	11,888	15,719	0.33	2,653,583	130.82	5
Wadala .....	26,661	4,862	5,948	0.22	999,836	137.04	7
Dawutna Delanta .....	35,910	12,799	16,244	0.45	2,585,957	124.87	7
Guba Lafto .....	35,600	10,033	12,152	0.34	1,873,561	128.01	6
Habru .....	38,645	5,595	6,443	0.17	1,088,809	148.67	5
South Wollo Zone .....	491,860	157,184	198,020	0.40	28,909,071	119.61	9
Mekdela .....	30,731	11,590	18,036	0.59	2,240,029	104.50	9
Tenta .....	35,460	12,861	16,594	0.47	2,490,723	117.41	9
Kutaber .....	21,652	7,041	9,060	0.42	1,523,501	132.83	11
Ambasel .....	26,365	8,658	10,399	0.39	1,587,730	129.66	10
Tehuledere .....	23,671	3,908	4,469	0.19	602,275	117.00	10
Werebabu .....	21,260	4,687	5,279	0.25	839,832	144.28	9
Kalu .....	39,177	7,649	9,391	0.24	1,303,390	114.30	10
Dessie Zuria .....	64,934	21,525	23,745	0.37	3,421,486	131.16	9
Legambo .....	35,598	14,282	17,246	0.48	2,413,687	117.18	8
Sayint .....	44,853	13,506	15,856	0.35	2,513,329	135.73	9
Debresina .....	36,673	8,354	10,505	0.29	1,477,322	109.37	9
Kelala .....	29,924	11,127	16,006	0.53	2,325,200	103.69	9
Jama .....	25,068	10,287	13,611	0.54	2,022,289	114.86	9
Were Ilu .....	29,715	14,724	18,836	0.63	2,737,394	115.25	6
Wegde .....	26,779	6,984	8,988	0.34	1,410,883	123.77	8
North Shewa (Amhara) Zone .....	338,763	148,264	180,472	0.53	34,675,348	159.39	8
Middana Weremo .....	16,652	5,236	6,445	0.39	1,032,332	134.38	9
Merhabete .....	23,035	10,434	12,498	0.54	2,168,671	161.37	8
Insarona Wayu .....	24,523	11,986	13,889	0.57	2,660,022	169.09	7
Moretna Jiru .....	17,289	9,102	10,591	0.61	2,039,177	168.98	7



TABLE 8.26A: - Number of Holders Reporting Ass (For Threshing or 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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	12,020	14,828	0.54	2,319,887	125.67	8
Geshe .....	11,701	5,080	5,490	0.47	711,367	119.34	8
Antsokiya Gemza .....	12,985	4,801	5,176	0.40	891,248	162.80	9
Efratana Gidim .....	18,721	5,772	6,345	0.34	1,187,416	171.11	8
Lalo Midir.....	23,780	9,289	10,756	0.45	1,601,527	129.08	8
Mojana Wadera .....	14,989	6,278	7,473	0.50	1,083,065	123.26	8
Tarma Ber.....	17,150	5,602	6,518	0.38	1,123,486	149.79	7
Kewet.....	20,399	7,894	9,262	0.45	1,917,804	177.73	7
Asagirt .....	9,625	4,372	4,941	0.51	1,089,495	195.82	8
Angolelana Tera .....	14,930	7,627	10,026	0.67	1,839,885	140.57	7
Ankober.....	15,834	3,877	4,593	0.29	766,568	143.79	8
Hagere Mariam.....	10,654	5,848	7,075	0.66	1,630,357	193.38	7
Berehet.....	5,414	2,772	3,441	0.64	856,421	198.19	8
Minjarna Shenkora .....	22,920	14,699	20,972	0.92	6,166,532	210.33	9
Basona Werana.....	30,894	15,576	20,152	0.65	3,590,089	142.26	8
East Gojam Zone .....	377,208	107,577	143,461	0.38	22,208,633	129.07	8
Bibugn .....	20,380	3,088	3,621	0.18	598,782	138.49	7
Hulet Ej Enese.....	42,922	10,110	12,346	0.29	1,678,996	111.00	8
Goncha Siso Enese.....	26,631	8,501	9,973	0.37	1,538,548	131.85	7
Enbise Sar Midir.....	26,244	8,206	10,151	0.39	1,557,779	125.87	7
Enarj Enawga .....	31,408	11,607	14,653	0.47	2,341,130	126.07	7
Enemay .....	26,307	10,563	12,310	0.47	2,030,089	141.12	8
Debay Telatgen .....	24,182	9,546	*	*	1,893,886	*	10
Machakel .....	38,432	7,378	9,578	0.25	1,801,029	148.48	7
Guzamn .....	42,814	9,076	10,751	0.25	2,261,406	179.23	8
Baso Liben.....	26,092	7,178	7,952	0.30	1,639,161	187.86	7
Awabel.....	32,111	10,004	12,266	0.38	2,327,351	156.04	7
Dejen.....	20,267	6,328	7,710	0.38	1,465,130	159.29	9
Shebel Berenta.....	19,419	5,991	6,989	0.36	1,075,348	134.84	8
West Gojam Zone.....	371,763	94,560	116,665	0.31	18,792,823	142.59	7
Achefer .....	47,990	12,353	19,942	0.42	2,213,229	103.86	7
Bahir Dar Zuria .....	44,777	12,237	13,152	0.29	2,512,737	177.86	7
Yilman Densa .....	53,378	15,596	17,116	0.32	2,665,330	143.00	6
Merawi.....	47,811	13,888	16,455	0.34	2,677,426	139.58	7
Sekela .....	25,751	5,082	8,302	0.32	855,367	94.67	7
Kuarit.....	30,012	7,286	8,009	0.27	1,214,795	136.59	7
Dega Damot.....	28,781	5,269	5,768	0.20	964,309	153.52	7
Dembecha.....	21,896	5,902	6,525	0.30	1,247,826	170.84	6
Jabi Tehnan.....	35,596	6,882	8,229	0.23	1,516,722	156.06	6
Bure Wemberma .....	35,772	10,066	13,167	0.37	2,925,082	175.95	7
Waghamra Zone .....	75,654	21,958	28,552	0.38	5,895,241	157.21	5
Zikuala .....	13,305	6,327	8,420	0.63	1,922,611	170.96	5
Sekota .....	33,740	8,671	11,074	0.33	2,320,115	162.82	4
Dehana.....	28,610	6,960	9,057	0.32	1,652,515	137.61	5
Awi Zone.....	152,723	23,385	29,621	0.19	5,174,949	139.11	6
Dangela .....	33,997	8,432	10,179	0.30	1,902,654	154.47	6
Banja.....	25,927	1,008	1,280	0.05	251,149	154.05	6
Ankesha.....	38,056	3,560	5,230	0.14	877,456	119.49	7
Guangua.....	31,273	7,068	9,045	0.29	1,586,209	138.00	6
Faggeta Lekoma .....	23,471	3,317	3,887	0.17	557,481	122.94	8
Oromia Zone.....	72,663	15,887	17,485	0.24	3,274,250	171.36	9
Chefe Golana Dawe Rahimedo.....	30,075	4,970	5,535	0.18	1,045,286	169.89	8
Bati .....	16,309	2,145	2,402	0.15	423,277	157.20	11
Jile Tsumiga .....	11,838	5,469	5,912	0.50	1,147,708	181.34	8
Artuma Fursi .....	14,442	3,302	3,636	0.25	657,980	166.75	9



TABLE 8.27A: - Number of Holders Reporting Camel (Working Age for Threshing or 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 Camels Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per Camel (Birr)	Average Age of Camel (Years)
Amhara Region.....	2,989,354	9,154	12,764	0.00	12,201,756	727.40	7
North Gondar Zone .....	426,798	411	456	0.00	1,021,213	2,027.99	8
Addi Arkay .....	23,992	-	-	-	-	-	-
Beyeda .....	17,537	-	-	-	-	-	-
Janamora .....	29,184	-	-	-	-	-	-
Debark .....	21,492	-	-	-	-	-	-
Dabat .....	24,578	-	-	-	-	-	-
Sanja .....	24,523	-	-	-	-	-	-
Lay Armacheho .....	24,975	-	-	-	-	-	-
Wegera .....	37,057	-	-	-	-	-	-
Gondar Zuria .....	38,957	-	-	-	-	-	-
Dembia .....	41,272	-	-	-	-	-	-
Chilga .....	32,286	-	-	-	-	-	-
Metema .....	10,152	305	331	0.03	784,166	2,135.70	9
Quara .....	9,401	106	125	0.01	237,047	1,742.78	6
Alefa .....	46,244	-	-	-	-	-	-
Belesa .....	45,148	-	-	-	-	-	-
South Gondar Zone .....	374,252	*	*	*	*	*	*
Ebenat .....	41,969	-	-	-	-	-	-
Kemekem .....	30,786	*	*	*	*	*	*
Fogera .....	40,393	-	-	-	-	-	-
Farta .....	47,634	*	*	*	*	*	*
Lay Gayint .....	39,303	-	-	-	-	-	-
Tach Gayint .....	20,270	-	-	-	-	-	-
Simada .....	47,033	-	-	-	-	-	-
Estie .....	63,489	-	-	-	-	-	-
Dera .....	43,376	-	-	-	-	-	-
North Wollo Zone .....	307,669	3,186	4,028	0.01	4,051,334	789.36	4
Bugna .....	46,716	-	-	-	-	-	-
Kobo .....	41,472	*	*	*	*	*	*
Gidan .....	34,560	-	-	-	-	-	-
Meket .....	48,107	-	-	-	-	-	-
Wadala .....	26,661	-	-	-	-	-	-
Dawutna Delanta .....	35,910	*	*	*	*	*	*
Guba Lafto .....	35,600	*	*	*	*	*	*
Habru .....	38,645	1,291	1,909	0.05	2,046,321	745.07	4
South Wollo Zone .....	491,860	1,390	1,863	0.00	1,979,296	814.49	10
Mekdela .....	30,731	*	*	*	*	*	*
Tenta .....	35,460	-	-	-	-	-	-
Kutaber .....	21,652	*	*	*	*	*	*
Ambasel .....	26,365	*	*	*	*	*	*
Tehuledere .....	23,671	-	-	-	-	-	-
Werebabu .....	21,260	469	673	0.03	761,847	777.16	11
Kalu .....	39,177	779	997	0.03	1,084,568	866.99	10
Dessie Zuria .....	64,934	-	-	-	-	-	-
Legambo .....	35,598	-	-	-	-	-	-
Sayint .....	44,853	-	-	-	-	-	-
Debresina .....	36,673	-	-	-	-	-	-
Kelala .....	29,924	-	-	-	-	-	-
Jama .....	25,068	-	-	-	-	-	-
Were Ilu .....	29,715	-	-	-	-	-	-
Wegde .....	26,779	-	-	-	-	-	-
North Shewa (Amhara) Zone .....	338,763	966	1,441	0.00	934,225	514.21	8
Middana Weremo .....	16,652	-	-	-	-	-	-
Merhabete .....	23,035	-	-	-	-	-	-
Insarona Wayu .....	24,523	-	-	-	-	-	-
Moretna Jiru .....	17,289	-	-	-	-	-	-



TABLE 8.27A: - Number of Holders Reporting Camels (Working Age for Threshing or Transportation) Owned, Quantity Reported, Replacement Value and Average age of Camels, 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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	-	-	-	-	-	-
Geshe .....	11,701	-	-	-	-	-	-
Antsokiya Gemza .....	12,985	-	-	-	-	-	-
Efratana Gidim .....	18,721	*	*	*	*	*	*
Lalo Midir.....	23,780	-	-	-	-	-	-
Mojana Wadera .....	14,989	-	-	-	-	-	-
Tarma Ber.....	17,150	*	*	*	*	*	*
Kewet.....	20,399	*	*	*	*	*	*
Asagirt .....	9,625	-	-	-	-	-	-
Angolelana Tera .....	14,930	-	-	-	-	-	-
Ankober.....	15,834	*	*	*	*	*	*
Hagere Mariam.....	10,654	-	-	-	-	-	-
Berehet.....	5,414	158	263	0.05	165,134	367.37	4
Minjarna Shenkora .....	22,920	548	575	0.03	493,150	858.96	*
Basona Werana.....	30,894	-	-	-	-	-	-
East Gojam Zone .....	377,208	*	*	*	*	*	*
Bibugn .....	20,380	-	-	-	-	-	-
Hulet Ej Enese.....	42,922	-	-	-	-	-	-
Goncha Siso Enese.....	26,631	-	-	-	-	-	-
Enbise Sar Midir.....	26,244	-	-	-	-	-	-
Enarj Enawga .....	31,408	*	*	*	*	*	*
Enemay .....	26,307	-	-	-	-	-	-
Debay Telatgen .....	24,182	-	-	-	-	-	-
Machakel .....	38,432	*	*	*	*	*	*
Guzamn .....	42,814	-	-	-	-	-	-
Baso Liben.....	26,092	-	-	-	-	-	-
Awabel.....	32,111	-	-	-	-	-	-
Dejen.....	20,267	-	-	-	-	-	-
Shebel Berenta.....	19,419	-	-	-	-	-	-
West Gojam Zone.....	371,763	*	*	*	*	*	*
Achefer .....	47,990	-	-	-	-	-	-
Bahir Dar Zuria .....	44,777	-	-	-	-	-	-
Yilman Densa .....	53,378	-	-	-	-	-	-
Merawi.....	47,811	-	-	-	-	-	-
Sekela .....	25,751	-	-	-	-	-	-
Kuarit.....	30,012	-	-	-	-	-	-
Dega Damot.....	28,781	-	-	-	-	-	-
Dembecha.....	21,896	-	-	-	-	-	-
Jabi Tehnan.....	35,596	*	*	*	*	*	*
Bure Wemberma .....	35,772	-	-	-	-	-	-
Waghamra Zone .....	75,654	-	-	-	-	-	-
Zikuala .....	13,305	-	-	-	-	-	-
Sekota .....	33,740	-	-	-	-	-	-
Dehana.....	28,610	-	-	-	-	-	-
Awi Zone .....	152,723	-	-	-	-	-	-
Dangela .....	33,997	-	-	-	-	-	-
Banja.....	25,927	-	-	-	-	-	-
Ankesha.....	38,056	-	-	-	-	-	-
Guangua.....	31,273	-	-	-	-	-	-
Faggeta Lekoma.....	23,471	-	-	-	-	-	-
Oromia Zone.....	72,663	2,956	4,266	0.06	4,135,509	674.47	9
Chefe Golana Dawe Rahimedo.....	30,075	645	821	0.03	858,679	814.19	8
Bati .....	16,309	1,872	2,544	0.16	2,485,819	715.02	9
Jile Tsumiga .....	11,838	238	500	0.04	433,656	421.48	8
Artuma Fursi .....	14,442	201	401	0.03	357,355	446.66	7



TABLE 8.28A: - Number of Holders Reporting Cattle (Working Age for Threshing or 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)
Amhara Region.....	2,989,354	2,240,133	5,776,762	1.93	2,996,251,337	216.15	8
North Gondar Zone .....	426,798	307,831	703,515	1.65	399,377,061	258.82	8
Addi Arkay .....	23,992	16,106	48,594	2.03	29,777,653	222.56	8
Beyeda .....	17,537	11,262	17,817	1.02	10,799,409	388.03	8
Janamora .....	29,184	18,443	29,137	1.00	17,849,308	395.54	7
Debark .....	21,492	12,322	22,421	1.04	15,679,295	383.66	7
Dabat .....	24,578	16,061	28,873	1.17	17,496,442	345.16	7
Sanja .....	24,523	17,930	66,547	2.71	39,750,482	171.98	6
Lay Armacheho .....	24,975	17,711	39,885	1.60	22,472,801	261.79	7
Wegera .....	37,057	24,676	46,781	1.26	26,055,674	296.65	7
Gondar Zuria .....	38,957	28,032	57,693	1.48	32,839,081	284.90	8
Dembia .....	41,272	32,639	59,885	1.45	39,140,191	354.83	8
Chilga .....	32,286	25,444	71,049	2.20	34,579,906	197.67	8
Metema .....	10,152	7,031	18,164	1.79	10,686,033	227.81	7
Quara .....	9,401	6,853	19,582	2.08	10,179,604	185.89	7
Alefa .....	46,244	36,124	81,665	1.77	43,155,899	241.99	7
Belesa .....	45,148	37,197	95,420	2.11	48,915,283	201.51	8
South Gondar Zone .....	374,252	288,447	803,106	2.15	353,072,047	184.01	8
Ebenat .....	41,969	31,446	80,685	1.92	32,947,810	187.97	8
Kemekem.....	30,786	22,717	51,173	1.66	28,299,102	254.25	8
Fogera .....	40,393	28,375	104,304	2.58	40,125,195	154.97	8
Farta .....	47,634	34,888	88,704	1.86	47,809,222	216.37	8
Lay Gayint.....	39,303	27,161	51,345	1.31	22,710,485	251.53	8
Tach Gayint.....	20,270	15,038	34,769	1.72	12,729,893	188.17	8
Simada .....	47,033	38,546	107,918	2.29	46,534,209	158.96	9
Estie .....	63,489	55,291	146,373	2.31	75,213,265	201.63	9
Dera .....	43,376	34,987	137,833	3.18	46,702,867	131.49	8
North Wollo Zone .....	307,669	225,575	525,763	1.71	280,048,832	240.59	6
Bugna.....	46,716	34,301	76,139	1.63	41,388,644	243.92	7
Kobo .....	41,472	32,977	68,454	1.65	44,883,589	314.84	6
Gidan .....	34,560	25,894	84,251	2.44	28,390,325	145.27	7
Meket.....	48,107	36,842	80,535	1.67	41,565,309	233.71	6
Wadala.....	26,661	18,850	37,742	1.42	20,003,902	265.48	7
Dawutna Delanta.....	35,910	26,069	61,003	1.70	32,835,917	231.51	7
Guba Lafto.....	35,600	26,462	63,309	1.78	38,340,638	255.63	6
Habru .....	38,645	24,181	54,330	1.41	32,640,508	275.80	5
South Wollo Zone .....	491,860	358,043	830,572	1.69	458,738,330	246.84	9
Mekdela.....	30,731	22,958	55,990	1.82	31,533,275	231.65	9
Tenta .....	35,460	25,465	53,684	1.51	31,874,590	283.87	8
Kutaber .....	21,652	17,368	47,501	2.19	27,467,918	219.16	10
Ambasel.....	26,365	19,190	43,908	1.67	25,528,897	263.29	9
Tehuledere .....	23,671	17,211	40,019	1.69	22,298,779	252.94	9
Werebabu.....	21,260	13,817	39,388	1.85	21,447,086	249.92	9
Kalu .....	39,177	26,613	54,033	1.38	38,280,721	355.50	9
Dessie Zuria.....	64,934	47,153	103,914	1.60	61,182,773	273.31	10
Legambo.....	35,598	21,572	49,723	1.40	23,628,644	207.54	8
Sayint.....	44,853	36,835	79,710	1.78	42,031,118	246.83	8
Debresina.....	36,673	27,113	61,948	1.69	27,556,223	196.00	8
Kelala.....	29,924	22,458	54,094	1.81	29,874,225	238.69	8
Jama .....	25,068	18,462	45,677	1.82	24,330,324	221.65	8
Were Ilu.....	29,715	21,388	46,252	1.56	26,749,847	267.28	8
Wegde.....	26,779	20,440	54,731	2.04	24,953,910	177.69	8
North Shewa (Amhara) Zone.....	338,763	258,341	641,292	1.89	382,882,978	254.61	8
Middana Weremo.....	16,652	11,083	20,280	1.22	11,737,306	315.68	9
Merhabete.....	23,035	17,778	39,036	1.69	18,588,229	253.30	8
Insarona Wayu.....	24,523	18,559	49,171	2.01	27,365,806	247.99	7
Moretna Jiru .....	17,289	13,121	25,602	1.48	15,100,482	313.55	7



TABLE 8.28A: - Number of Holders Reporting Cattle (Working Age for Threshing or 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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	20,014	45,276	1.66	23,002,982	227.27	9
Geshe .....	11,701	8,972	18,949	1.62	9,109,180	232.54	8
Antsokiya Gemza .....	12,985	8,181	14,366	1.11	8,336,482	340.20	8
Efratana Gidim .....	18,721	13,656	24,646	1.32	15,156,632	350.17	7
Lalo Midir.....	23,780	19,187	39,857	1.68	22,256,656	270.28	9
Mojana Wadera .....	14,989	11,829	26,855	1.79	15,729,275	266.55	9
Tarma Ber.....	17,150	13,275	33,609	1.96	19,318,879	230.83	8
Kewet.....	20,399	15,379	41,605	2.04	23,689,111	223.59	8
Asagirt.....	9,625	7,766	23,328	2.42	14,229,365	207.55	8
Angolelana Tera .....	14,930	12,297	44,106	2.95	27,642,666	181.73	8
Ankober.....	15,834	11,881	29,351	1.85	18,006,356	261.61	8
Hagere Mariam.....	10,654	8,918	26,017	2.44	18,527,524	254.52	8
Berehet.....	5,414	4,853	12,342	2.28	9,370,335	303.36	7
Minjarna Shenkora .....	22,920	18,402	67,563	2.95	45,674,663	241.49	8
Basona Werana.....	30,894	23,194	59,332	1.92	40,041,049	275.53	9
East Gojam Zone .....	377,208	287,042	720,428	1.91	368,409,758	214.02	8
Bibugn .....	20,380	16,312	39,185	1.92	13,886,535	186.61	8
Hulet Ej Enese.....	42,922	37,435	92,099	2.15	37,790,863	178.76	8
Goncha Siso Enese.....	26,631	21,011	49,714	1.87	24,709,501	211.36	8
Enbise Sar Midir.....	26,244	19,008	38,635	1.47	19,562,754	251.82	8
Enarj Enawga .....	31,408	25,932	53,672	1.71	28,153,292	265.52	7
Enemay .....	26,307	20,299	39,385	1.50	23,081,430	311.03	9
Debay Telatgen .....	24,182	18,628	41,154	1.70	24,164,644	270.42	9
Machakel .....	38,432	30,048	102,194	2.66	48,674,139	146.09	8
Guzamn .....	42,814	25,593	79,299	1.85	39,930,508	168.62	8
Baso Liben.....	26,092	19,571	52,029	1.99	27,448,873	202.72	8
Awabel.....	32,111	26,027	76,193	2.37	45,492,997	212.01	8
Dejen.....	20,267	14,652	31,201	1.54	21,191,331	332.58	9
Shebel Berenta.....	19,419	12,524	25,668	1.32	14,322,890	279.25	8
West Gojam Zone.....	371,763	301,100	936,376	2.52	430,033,519	166.14	7
Achefer .....	47,990	39,629	131,413	2.74	56,987,808	147.79	7
Bahir Dar Zuria .....	44,777	33,963	115,204	2.57	58,575,898	176.41	7
Yilman Densa .....	53,378	43,902	130,388	2.44	56,716,298	182.20	8
Merawi.....	47,811	39,063	145,757	3.05	60,526,249	125.45	8
Sekela .....	25,751	20,890	65,676	2.55	20,714,051	132.92	7
Kuarit.....	30,012	25,666	55,260	1.84	27,558,566	241.15	8
Dega Damot.....	28,781	24,548	50,579	1.76	24,389,488	243.99	8
Dembecha.....	21,896	18,928	64,823	2.96	35,981,308	162.21	7
Jabi Tehnan.....	35,596	28,146	84,712	2.38	42,680,889	168.10	7
Bure Wemberma .....	35,772	26,365	92,566	2.59	45,902,962	158.09	7
Waghamra Zone .....	75,654	54,934	159,477	2.11	106,080,773	186.90	5
Zikuala .....	13,305	10,725	47,724	3.59	20,742,748	123.35	5
Sekota .....	33,740	24,095	54,494	1.62	28,705,416	242.43	5
Dehana.....	28,610	20,115	57,259	2.00	*	187.02	6
Awi Zone.....	152,723	110,186	360,574	2.36	153,317,794	142.31	7
Dangela .....	33,997	26,856	82,614	2.43	40,636,979	163.80	6
Banja.....	25,927	17,925	49,750	1.92	19,830,618	148.26	7
Ankesha.....	38,056	23,548	68,118	1.79	30,198,459	162.21	7
Guangua.....	31,273	24,090	110,055	3.52	43,168,954	111.86	6
Faggeta Lekoma.....	23,471	17,767	50,036	2.13	19,482,784	140.83	7
Oromia Zone.....	72,663	48,634	95,659	1.32	64,290,245	346.40	7
Chefe Golana Dawe Rahimedo.....	30,075	19,382	39,317	1.31	26,785,900	335.84	7
Bati .....	16,309	11,465	22,072	1.35	16,901,047	406.16	8
Jile Tsumiga .....	11,838	8,376	16,112	1.36	9,906,773	333.06	7
Artuma Fursi .....	14,442	9,410	18,158	1.26	10,696,525	308.44	8



TABLE 8.29A:- Number of Holders Reporting Horse (For Threshing or 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)
Amhara Region.....	2,989,354	165,919	232,426	0.08	75,913,894	250.95	8
North Gondar Zone .....	426,798	18,645	26,675	0.06	10,342,077	287.99	8
Addi Arkay .....	23,992	*	*	*	*	*	*
Beyeda .....	17,537	1,324	*	*	687,481	*	9
Janamora .....	29,184	2,794	3,185	0.11	1,355,915	369.53	8
Debark .....	21,492	5,188	8,292	0.39	3,546,797	258.58	7
Dabat .....	24,578	2,575	3,351	0.14	1,372,881	320.96	9
Sanja .....	24,523	-	-	-	-	-	-
Lay Armacheho .....	24,975	*	*	*	*	*	*
Wegera .....	37,057	5,258	6,691	0.18	2,428,351	285.83	9
Gondar Zuria .....	38,957	519	*	*	*	*	10
Dembia .....	41,272	*	*	*	*	*	*
Chilga .....	32,286	-	-	-	-	-	-
Metema .....	10,152	-	-	-	-	-	-
Quara .....	9,401	-	-	-	-	-	-
Alefa .....	46,244	-	-	-	-	-	-
Belesa .....	45,148	*	*	*	*	*	*
South Gondar Zone .....	374,252	12,763	13,983	0.04	5,123,950	336.74	10
Ebenat .....	41,969	*	*	*	*	*	*
Kemekem .....	30,786	*	*	*	*	*	*
Fogera .....	40,393	*	*	*	*	*	*
Farta .....	47,634	5,008	5,280	0.11	2,090,995	376.53	10
Lay Gayint .....	39,303	3,145	3,656	0.09	1,245,925	295.83	10
Tach Gayint .....	20,270	*	*	*	*	*	*
Simada .....	47,033	888	954	0.02	349,430	356.01	12
Estie .....	63,489	3,213	3,585	0.06	1,220,226	301.82	9
Dera .....	43,376	-	-	-	-	-	-
North Wollo Zone .....	307,669	18,122	24,776	0.08	10,057,965	294.13	7
Bugna .....	46,716	*	*	*	*	*	*
Kobo .....	41,472	-	-	-	-	-	-
Gidan .....	34,560	*	*	*	*	*	*
Meket .....	48,107	6,243	9,681	0.20	4,078,139	266.50	7
Wadala .....	26,661	7,158	9,417	0.35	4,004,954	322.18	6
Dawutna Delanta .....	35,910	2,568	3,042	0.08	974,115	276.04	8
Guba Lafto .....	35,600	*	*	*	*	*	*
Habru .....	38,645	-	-	-	-	-	-
South Wollo Zone .....	491,860	31,081	35,912	0.07	12,162,729	299.03	9
Mekdela .....	30,731	1,162	1,202	0.04	408,862	333.57	10
Tenta .....	35,460	4,788	5,543	0.16	1,758,309	278.77	8
Kutaber .....	21,652	1,749	2,945	0.14	1,089,368	214.19	9
Ambasel .....	26,365	*	*	*	*	*	*
Tehuledere .....	23,671	*	*	*	*	*	*
Werebabu .....	21,260	*	*	*	*	*	*
Kalu .....	39,177	234	234	0.01	*	*	*
Dessie Zuria .....	64,934	6,651	7,357	0.11	2,687,098	332.24	9
Legambo .....	35,598	6,075	6,786	0.19	2,059,570	274.88	8
Sayint .....	44,853	*	*	*	*	*	*
Debresina .....	36,673	996	1,130	0.03	393,510	313.94	9
Kelala .....	29,924	1,164	1,359	0.05	599,430	397.99	10
Jama .....	25,068	2,618	3,036	0.12	999,493	289.45	10
Were Ilu .....	29,715	3,432	3,470	0.12	1,234,472	351.61	7
Wegde .....	26,779	273	415	0.02	*	166.13	10
North Shewa (Amhara) Zone .....	338,763	18,281	23,866	0.07	5,933,840	223.96	8
Middana Weremo .....	16,652	*	*	*	*	*	*
Merhabete .....	23,035	-	-	-	-	-	-
Insarona Wayu .....	24,523	1,859	1,979	0.08	625,544	300.80	10
Moretna Jiru .....	17,289	1,581	1,628	0.09	594,457	350.88	7



TABLE 8.29A:- Number of Holders Reporting Horse (For Threshing or 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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	2,127	2,398	0.09	519,457	196.40	8
Geshe .....	11,701	204	204	0.02	46,906	229.93	8
Antsokiya Gemza .....	12,985	187	221	0.02	35,877	147.30	10
Efratana Gidim .....	18,721	*	*	*	*	*	*
Lalo Midir.....	23,780	1,142	1,142	0.05	262,752	230.08	8
Mojana Wadera .....	14,989	753	893	0.06	196,761	198.36	10
Tarma Ber.....	17,150	632	757	0.04	144,084	164.56	8
Kewet.....	20,399	*	*	*	*	*	*
Asagirt.....	9,625	1,255	3,773	0.39	327,907	76.80	9
Angolelana Tera .....	14,930	3,387	4,479	0.30	1,430,607	238.39	8
Ankober.....	15,834	-	-	-	-	-	-
Hagere Mariam.....	10,654	834	894	0.08	230,959	243.54	8
Berehet.....	5,414	*	*	*	*	*	*
Minjarna Shenkora .....	22,920	*	*	*	*	*	*
Basona Werana.....	30,894	3,337	4,479	0.14	1,205,158	264.30	9
East Gojam Zone .....	377,208	24,387	35,284	0.09	10,594,797	253.57	9
Bibugn .....	20,380	3,562	4,182	0.21	1,215,595	250.91	7
Hulet Ej Enese.....	42,922	3,618	*	*	1,457,384	*	9
Goncha Siso Enese.....	26,631	513	609	0.02	214,534	303.30	9
Enbise Sar Midir.....	26,244	*	*	*	*	*	*
Enarj Enawga .....	31,408	622	622	0.02	232,341	373.54	10
Enemay .....	26,307	411	441	0.02	192,044	415.07	9
Debay Telatgen .....	24,182	3,904	4,761	0.20	1,871,358	329.91	9
Machakel .....	38,432	2,602	3,107	0.08	1,246,729	325.41	7
Guzamn .....	42,814	6,873	8,252	0.19	3,091,734	312.58	9
Baso Liben.....	26,092	*	*	*	*	*	*
Awabel.....	32,111	2,122	2,606	0.08	1,022,136	329.95	10
Dejen.....	20,267	*	*	*	*	*	*
Shebel Berenta.....	19,419	*	*	*	*	*	*
West Gojam Zone.....	371,763	11,240	14,400	0.04	4,858,669	262.57	7
Achefer .....	47,990	*	*	*	*	*	*
Bahir Dar Zuria .....	44,777	-	-	-	-	-	-
Yilman Densa .....	53,378	*	*	*	*	*	*
Merawi.....	47,811	*	*	*	*	*	*
Sekela .....	25,751	4,346	5,987	0.23	1,915,414	225.93	8
Kuarit.....	30,012	1,233	1,409	0.05	522,964	327.79	*
Dega Damot.....	28,781	4,240	5,361	0.19	1,795,970	263.07	7
Dembecha.....	21,896	*	*	*	*	*	*
Jabi Tehnan.....	35,596	*	*	*	*	*	*
Bure Wemberma .....	35,772	*	*	*	*	*	*
Waghamra Zone .....	75,654	153	*	*	*	*	5
Zikuala .....	13,305	*	*	*	*	*	*
Sekota .....	33,740	*	*	*	*	*	*
Dehana.....	28,610	*	*	*	*	*	*
Awi Zone.....	152,723	31,246	57,311	0.38	16,706,263	170.30	8
Dangela .....	33,997	-	-	-	-	-	-
Banja.....	25,927	15,076	27,427	1.06	8,847,821	176.04	8
Ankesha.....	38,056	8,180	16,176	0.43	3,540,102	150.81	8
Guangua.....	31,273	*	*	*	*	*	*
Faggeta Lekoma.....	23,471	7,901	13,573	0.58	4,260,224	181.40	8
Oromia Zone.....	72,663	-	-	-	-	-	-
Chefe Golana Dawe Rahimedo.	30,075	-	-	-	-	-	-
Bati .....	16,309	-	-	-	-	-	-
Jile Tsumiga .....	11,838	-	-	-	-	-	-
Artuma Fursi .....	14,442	-	-	-	-	-	-



TABLE 8.30A:- Number of Holders Reporting Mule (For Threshing or 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)
Amhara Region.....	2,989,354	60,896	65,567	0.02	52,741,268	757.95	10
North Gondar Zone .....	426,798	6,230	6,366	0.01	6,137,758	956.54	11
Addi Arkay .....	23,992	*	*	*	*	*	*
Beyeda .....	17,537	387	387	0.02	396,459	1,024.44	12
Janamora .....	29,184	707	743	0.03	682,239	893.69	11
Debark .....	21,492	505	530	0.02	530,694	954.12	9
Dabat .....	24,578	214	214	0.01	190,000	887.85	6
Sanja .....	24,523	610	610	0.02	603,198	988.85	10
Lay Armacheho .....	24,975	*	*	*	*	*	*
Wegera .....	37,057	572	572	0.02	646,963	1,131.05	16
Gondar Zuria .....	38,957	*	*	*	*	*	*
Dembia .....	41,272	*	*	*	*	*	*
Chilga .....	32,286	175	175	0.01	194,555	1,111.74	10
Metema .....	10,152	*	*	*	*	*	*
Quara .....	9,401	235	309	0.03	255,420	809.76	9
Alefa .....	46,244	379	379	0.01	357,466	943.18	10
Belesa .....	45,148	1,807	1,807	0.04	1,641,523	908.42	10
South Gondar Zone .....	374,252	8,714	9,875	0.03	7,380,702	702.81	12
Ebenat .....	41,969	853	853	0.02	724,709	849.60	13
Kemekem .....	30,786	*	*	*	*	*	*
Fogera .....	40,393	*	*	*	*	*	*
Farta .....	47,634	3,296	3,692	0.08	2,946,816	718.10	12
Lay Gayint .....	39,303	*	*	*	*	*	*
Tach Gayint .....	20,270	264	291	0.01	266,042	821.45	15
Simada .....	47,033	928	928	0.02	724,500	780.71	14
Estie .....	63,489	2,502	3,240	0.05	1,913,530	554.23	12
Dera .....	43,376	*	*	*	*	*	*
North Wollo Zone .....	307,669	6,209	6,357	0.02	6,237,020	961.08	8
Bugna .....	46,716	1,405	1,405	0.03	1,382,182	983.76	8
Kobo .....	41,472	234	234	0.01	221,678	947.34	*
Gidan .....	34,560	645	645	0.02	699,213	1,084.05	9
Meket .....	48,107	954	*	*	*	*	*
Wadala .....	26,661	773	773	0.03	767,532	992.93	9
Dawutna Delanta .....	35,910	1,845	1,902	0.05	1,838,106	942.42	8
Guba Lafto .....	35,600	*	*	*	*	*	*
Habru .....	38,645	*	*	*	*	*	*
South Wollo Zone .....	491,860	18,217	20,148	0.04	16,493,706	743.29	11
Mekdela .....	30,731	1,073	1,073	0.03	899,548	838.35	13
Tenta .....	35,460	1,214	1,262	0.04	1,076,841	807.79	11
Kutaber .....	21,652	1,932	2,530	0.12	2,076,205	640.24	11
Ambasel .....	26,365	1,429	1,593	0.06	1,343,185	751.08	13
Tehuledere .....	23,671	1,379	1,656	0.07	1,266,776	633.64	11
Werebabu .....	21,260	*	*	*	*	*	*
Kalu .....	39,177	638	745	0.02	586,385	679.54	12
Dessie Zuria .....	64,934	5,001	5,404	0.08	4,169,636	710.73	12
Legambo .....	35,598	1,106	1,106	0.03	1,085,264	981.25	7
Sayint .....	44,853	-	-	-	-	-	-
Debresina .....	36,673	319	319	0.01	218,039	683.51	11
Kelala .....	29,924	2,035	2,185	0.07	1,972,794	841.08	10
Jama .....	25,068	643	752	0.03	537,820	633.32	15
Were Ilu .....	29,715	810	855	0.03	723,661	830.50	8
Wegde .....	26,779	499	529	0.02	415,092	745.52	15
North Shewa (Amhara) Zone .....	338,763	5,575	5,612	0.02	4,584,252	810.87	11
Middana Weremo .....	16,652	307	307	0.02	218,599	712.05	10
Merhabete .....	23,035	342	342	0.01	196,231	573.77	9
Insarona Wayu .....	24,523	-	-	-	-	-	-
Moretna Jiru .....	17,289	*	*	*	*	*	*



TABLE 8.30A:- Number of Holders Reporting Mule (For Threshing or 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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	716	716	0.03	556,356	777.03	9
Geshe .....	11,701	855	855	0.07	559,010	653.81	10
Antsokiya Gemza .....	12,985	344	344	0.03	232,833	676.84	14
Efratana Gidim .....	18,721	204	226	0.01	183,004	751.56	9
Lalo Midir.....	23,780	481	481	0.02	377,212	784.22	15
Mojana Wadera .....	14,989	*	*	*	*	*	*
Tarma Ber.....	17,150	179	179	0.01	121,788	680.38	10
Kewet.....	20,399	*	*	*	*	*	*
Asagirt .....	9,625	218	218	0.02	216,235	991.90	14
Angolelana Tera .....	14,930	162	162	0.01	70,661	436.18	*
Ankober.....	15,834	*	*	*	*	*	*
Hagere Mariam.....	10,654	162	162	0.02	106,259	655.92	9
Berehet.....	5,414	143	158	0.03	153,957	844.54	12
Minjarna Shenkora .....	22,920	1,102	1,102	0.05	1,328,621	1,205.65	13
Basona Werana.....	30,894	*	*	*	*	*	*
East Gojam Zone .....	377,208	4,673	5,108	0.01	3,365,611	603.55	10
Bibugn .....	20,380	387	411	0.02	148,749	337.49	8
Hulet Ej Enese.....	42,922	1,111	1,231	0.03	646,699	481.40	10
Goncha Siso Enese.....	26,631	*	*	*	*	*	*
Enbise Sar Midir.....	26,244	219	219	0.01	*	*	7
Enarj Enawga .....	31,408	183	183	0.01	210,295	1,149.15	10
Enemay .....	26,307	*	*	*	*	*	*
Debay Telatgen .....	24,182	165	189	0.01	171,576	780.35	11
Machakel .....	38,432	784	883	0.02	636,358	637.13	11
Guzamn .....	42,814	1,466	1,593	0.04	1,014,060	581.16	10
Baso Liben.....	26,092	-	-	-	-	-	-
Awabel.....	32,111	*	*	*	*	*	*
Dejen.....	20,267	-	-	-	-	-	-
Shebel Berenta.....	19,419	-	-	-	-	-	-
West Gojam Zone.....	371,763	6,319	6,632	0.02	4,236,054	615.13	10
Achefer .....	47,990	276	276	0.01	211,185	765.16	8
Bahir Dar Zuria .....	44,777	*	*	*	*	*	*
Yilman Densa .....	53,378	894	894	0.02	647,745	724.55	7
Merawi.....	47,811	544	544	0.01	371,990	683.81	11
Sekela .....	25,751	791	859	0.03	552,008	607.75	11
Kuarit.....	30,012	2,079	2,230	0.07	1,399,128	590.90	12
Dega Damot.....	28,781	1,068	1,161	0.04	501,626	393.17	8
Dembecha.....	21,896	*	*	*	*	*	*
Jabi Tehnan.....	35,596	*	*	*	*	*	*
Bure Wemberma .....	35,772	*	*	*	*	*	*
Waghamra Zone .....	75,654	2,488	2,744	0.04	2,445,868	795.84	7
Zikuala .....	13,305	761	892	0.07	836,289	790.48	5
Sekota .....	33,740	1,096	*	*	*	*	*
Dehana.....	28,610	631	631	0.02	490,334	777.07	8
Awi Zone .....	152,723	2,275	2,530	0.02	1,756,446	624.83	9
Dangela .....	33,997	444	444	0.01	417,402	940.09	6
Banja.....	25,927	369	407	0.02	195,670	452.51	8
Ankesha.....	38,056	761	907	0.02	612,939	*	9
Guangua.....	31,273	341	341	0.01	211,335	619.75	8
Faggeta Lekoma .....	23,471	360	431	0.02	319,100	584.25	13
Oromia Zone.....	72,663	196	196	0.00	103,852	529.86	9
Chefe Golana Dawe Rahimedo.	30,075	*	*	*	*	*	*
Bati .....	16,309	89	89	0.01	59,996	674.11	9
Jile Tsumiga .....	11,838	-	-	-	-	-	-
Artuma Fursi .....	14,442	*	*	*	*	*	*



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)
Amhara Region.....	2,989,354	2,202,125	6,107,517	2.04	42,857,551	2.42	4
North Gonder Zone .....	426,798	296,606	872,330	2.04	8,083,546	3.03	5
Addi Arkay .....	23,992	9,999	22,805	0.95	212,429	3.72	2
Beyeda .....	17,537	15,311	47,141	2.69	186,699	1.28	5
Janamora .....	29,184	23,332	85,392	2.93	462,545	1.62	*
Debark .....	21,492	18,455	69,112	3.22	535,805	1.99	3
Dabat .....	24,578	21,710	68,932	2.80	522,702	2.18	3
Sanja .....	24,523	6,607	11,951	0.49	90,904	3.98	4
Lay Armacheho .....	24,975	16,405	46,100	1.85	453,003	3.03	3
Wegera .....	37,057	33,807	100,397	2.71	782,753	2.43	3
Gondar Zuria .....	38,957	25,048	81,209	2.08	1,059,561	4.04	5
Dembia .....	41,272	34,628	104,002	2.52	2,137,665	6.81	7
Chilga .....	32,286	22,161	59,433	1.84	449,479	2.61	4
Metema .....	10,152	*	*	*	*	*	*
Quara .....	9,401	3,700	10,172	1.08	71,876	2.46	5
Alefa .....	46,244	32,068	82,017	1.77	752,236	3.36	5
Belesa .....	45,148	33,182	83,474	1.85	364,912	1.74	3
South Gonder Zone .....	374,252	315,893	986,931	2.64	5,480,323	1.71	5
Ebenat .....	41,969	37,554	107,019	2.55	333,749	1.05	3
Kemekem .....	30,786	28,022	78,526	2.55	517,048	2.19	3
Fogera .....	40,393	31,681	109,245	2.70	794,889	2.06	5
Farta .....	47,634	43,952	153,387	3.22	670,085	1.27	3
Lay Gayint .....	39,303	31,227	86,879	2.21	344,717	1.41	3
Tach Gayint .....	20,270	19,036	48,572	2.40	192,283	1.93	4
Simada .....	47,033	33,958	100,996	2.15	386,366	1.22	6
Estie .....	63,489	59,936	208,870	3.29	1,583,052	2.08	8
Dera .....	43,376	30,526	93,437	2.15	658,135	2.19	9
North Wollo Zone .....	307,669	248,011	706,121	2.30	4,250,341	2.22	3
Bugna .....	46,716	33,929	88,390	1.89	437,009	1.97	4
Kobo .....	41,472	25,346	54,723	1.32	239,588	2.04	2
Gidan .....	34,560	30,518	103,824	3.00	470,288	1.30	3
Meket .....	48,107	43,094	139,780	2.91	715,814	1.55	4
Wadala .....	26,661	25,942	87,715	3.29	542,908	1.80	4
Dawutna Delanta .....	35,910	32,876	110,102	3.07	1,029,076	2.60	4
Guba Lafto .....	35,600	29,457	65,701	1.85	368,076	2.46	2
Habru .....	38,645	26,848	55,887	1.45	447,582	*	2
South Wollo Zone .....	491,860	338,301	882,414	1.79	4,050,065	1.74	4
Mekdela .....	30,731	26,491	81,091	2.64	485,845	1.88	3
Tenta .....	35,460	29,094	79,060	2.23	586,663	2.73	4
Kutaber .....	21,652	17,642	64,635	2.99	315,420	1.40	2
Ambasel .....	26,365	17,797	70,666	2.68	258,000	0.96	2
Tehuledere .....	23,671	16,709	32,054	1.35	147,581	2.50	2
Werebaba .....	21,260	8,526	14,422	0.68	92,578	3.94	3
Kalu .....	39,177	20,952	41,570	1.06	154,645	1.84	6
Dessie Zuria .....	64,934	32,649	94,330	1.45	497,866	1.82	5
Legambo .....	35,598	29,641	60,978	1.71	214,251	1.68	4
Sayint .....	44,853	34,129	84,795	1.89	334,628	1.56	3
Debresina .....	36,673	30,976	78,118	2.13	283,580	1.47	2
Kelala .....	29,924	14,602	34,243	1.14	122,060	1.65	4
Jama .....	25,068	18,403	36,260	1.45	121,437	1.71	4
Were Ilu .....	29,715	19,789	57,410	1.93	264,676	1.59	3
Wegde .....	26,779	20,901	52,781	1.97	170,833	1.30	6
North Shewa (Amhara) Zone .....	338,763	170,337	316,833	0.94	988,121	1.61	3
Middana Weremo .....	16,652	11,291	19,838	1.19	35,570	1.00	4
Merhabete .....	23,035	11,009	19,914	0.86	57,001	1.37	3
Insarona Wayu .....	24,523	13,978	27,061	1.10	65,611	1.29	3
Moretna Jiru .....	17,289	7,678	10,692	0.62	30,685	1.54	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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	19,139	36,753	1.35	100,460	1.38	3
Geshe .....	11,701	8,163	17,655	1.51	31,862	0.81	4
Antsokiya Gemza .....	12,985	4,680	7,654	0.59	25,326	1.88	3
Efratana Gidim .....	18,721	5,391	7,307	0.39	24,788	2.47	6
Lalo Midir.....	23,780	17,268	32,193	1.35	100,046	1.76	2
Mojana Wadera .....	14,989	8,098	13,747	0.92	27,302	1.11	4
Tarma Ber.....	17,150	8,673	14,258	0.83	38,204	1.71	3
Kewet.....	20,399	6,676	9,912	0.49	32,326	2.37	1
Asagirt.....	9,625	5,848	11,990	1.25	39,073	1.59	2
Angolelana Tera .....	14,930	11,082	27,367	1.83	111,603	1.56	5
Ankober.....	15,834	5,975	10,587	0.67	40,207	2.22	2
Hagere Mariam.....	10,654	5,581	11,504	1.08	44,397	1.84	4
Berehet.....	5,414	2,340	4,972	0.92	26,286	2.68	2
Minjarna Shenkora .....	22,920	3,373	4,912	0.21	33,327	3.49	*
Basona Werana.....	30,894	14,096	28,517	0.92	124,048	2.01	2
East Gojam Zone .....	377,208	294,789	696,470	1.85	7,195,223	3.98	4
Bibugn .....	20,380	13,025	33,813	1.66	186,037	1.86	5
Hulet Ej Enese.....	42,922	34,716	79,887	1.86	474,891	2.24	4
Goncha Siso Enese.....	26,631	22,059	63,656	2.39	468,272	2.88	4
Enbise Sar Midir.....	26,244	19,398	36,218	1.38	147,202	2.13	2
Enarj Enawga .....	31,408	25,167	55,070	1.75	830,405	5.46	4
Enemay .....	26,307	23,526	55,273	2.10	1,223,837	8.76	6
Debay Telatgen .....	24,182	16,212	39,360	1.63	384,321	3.91	6
Machakel .....	38,432	30,149	74,447	1.94	595,506	2.94	4
Guzamn .....	42,814	36,016	114,369	2.67	1,351,250	3.42	5
Baso Liben.....	26,092	23,798	56,529	2.17	424,117	2.81	5
Awabel.....	32,111	23,810	40,628	1.27	452,556	5.25	3
Dejen.....	20,267	14,397	22,323	1.10	266,468	7.01	4
Shebel Berenta.....	19,419	12,517	24,897	1.28	390,363	7.76	5
West Gojam Zone.....	371,763	341,949	1,110,660	2.99	9,497,079	2.57	6
Achefer .....	47,990	46,393	156,604	3.26	1,218,847	2.29	6
Bahir Dar Zuria .....	44,777	40,692	141,497	3.16	2,233,925	4.64	6
Yilman Densa .....	53,378	52,410	189,530	3.55	1,346,489	1.89	5
Merawi.....	47,811	42,857	147,460	3.08	1,144,845	2.20	6
Sekela .....	25,751	25,055	69,905	2.71	302,779	1.54	4
Kuarit.....	30,012	28,300	92,146	3.07	451,131	1.45	4
Dega Damot.....	28,781	20,542	54,697	1.90	336,424	2.31	5
Dembecha.....	21,896	20,239	61,391	2.80	735,369	3.87	8
Jabi Tehnan.....	35,596	33,797	103,232	2.90	751,725	2.40	5
Bure Wemberma .....	35,772	31,663	94,199	2.63	975,545	3.25	6
Waghamra Zone .....	75,654	53,196	130,142	1.72	738,900	2.29	3
Zikuala .....	13,305	8,672	23,290	1.75	173,759	2.61	3
Sekota .....	33,740	20,894	50,200	1.49	288,946	2.42	3
Dehana.....	28,610	23,630	56,652	1.98	276,195	2.04	3
Awi Zone.....	152,723	127,643	382,077	2.50	2,460,344	2.12	5
Dangela .....	33,997	28,214	86,602	2.55	739,373	2.70	5
Banja.....	25,927	23,368	61,314	2.36	365,019	2.24	4
Ankesha.....	38,056	36,638	114,978	3.02	724,978	2.00	4
Guangua.....	31,273	16,513	55,445	1.77	233,465	1.22	4
Faggeta Lekoma.....	23,471	22,909	63,738	2.72	397,509	2.23	5
Oromia Zone.....	72,663	15,400	23,538	0.32	113,609	3.38	2
Chefe Golana Dawe Rahimedo.....	30,075	8,110	12,304	0.41	52,521	2.94	2
Bati .....	16,309	3,698	6,249	0.38	28,520	2.87	2
Jile Tsumiga .....	11,838	1,524	2,309	0.20	14,151	4.65	5
Artuma Fursi .....	14,442	2,069	2,676	0.19	18,417	5.50	*



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

Geographic Area.	Total Number of Crop Holders	Number of Holders Reporting	Number of 'Gotteras' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Gottera' (Birr)	Average Storage Capacity of 'Gottera' (Quintal)
Amhara Region.....	2,989,354	1,030,710	1,970,926	0.66	25,645,365	6.89	8
North Gonder Zone .....	426,798	139,155	241,387	0.57	3,676,000	8.64	9
Addi Arkay .....	23,992	10,206	27,280	1.14	514,615	6.88	5
Beyeda .....	17,537	3,475	7,745	0.44	102,991	5.96	5
Janamora .....	29,184	4,229	8,806	0.30	102,950	6.28	*
Debark .....	21,492	1,787	2,487	0.12	47,772	13.18	6
Dabat .....	24,578	2,896	4,527	0.18	87,610	11.98	6
Sanja .....	24,523	17,860	36,145	1.47	698,700	9.48	6
Lay Armacheho .....	24,975	2,734	3,220	0.13	61,884	17.26	6
Wegera .....	37,057	7,419	14,630	0.39	274,466	9.55	7
Gondar Zuria .....	38,957	9,874	14,085	0.36	223,290	11.61	7
Dembia .....	41,272	1,789	*	*	*	*	6
Chilga .....	32,286	14,524	22,670	0.70	222,801	6.14	9
Metema .....	10,152	7,960	10,319	1.02	220,353	16.50	16
Quara .....	9,401	7,409	9,602	1.02	122,023	10.06	15
Alefa .....	46,244	14,703	19,781	0.43	211,389	7.82	9
Belesa .....	45,148	32,290	56,771	1.26	713,073	7.21	7
South Gonder Zone .....	374,252	101,575	205,993	0.55	1,688,866	4.14	6
Ebenat .....	41,969	24,824	45,737	1.09	318,785	3.82	7
Kemekem .....	30,786	16,778	30,092	0.98	319,319	5.88	6
Fogera .....	40,393	8,295	13,881	0.34	135,336	6.71	6
Farta .....	47,634	13,915	23,470	0.49	168,165	4.24	6
Lay Gayint .....	39,303	8,011	*	*	*	*	5
Tach Gayint .....	20,270	5,638	8,788	0.43	60,292	4.33	7
Simada .....	47,033	12,931	21,802	0.46	144,574	3.82	7
Estie .....	63,489	*	*	*	*	*	*
Dera .....	43,376	8,540	26,298	0.61	284,721	3.43	5
North Wollo Zone .....	307,669	90,606	183,952	0.60	2,140,463	7.37	7
Bugna .....	46,716	19,791	49,094	1.05	399,028	3.72	7
Kobo .....	41,472	17,703	22,677	0.55	546,958	18.71	10
Gidan .....	34,560	9,679	13,483	0.39	125,821	7.04	8
Meket .....	48,107	12,394	50,144	1.04	330,362	2.35	5
Wadala .....	26,661	2,674	4,276	0.16	44,421	6.68	8
Dawutna Delanta .....	35,910	7,230	14,936	0.42	170,461	5.60	7
Guba Lafto .....	35,600	14,102	20,688	0.58	252,448	8.93	6
Habru .....	38,645	7,034	8,654	0.22	270,965	27.71	6
South Wollo Zone .....	491,860	231,958	439,536	0.89	5,217,073	6.29	7
Mekdela .....	30,731	5,188	14,534	0.47	97,493	2.98	4
Tenta .....	35,460	6,086	11,085	0.31	138,030	6.96	8
Kutaber .....	21,652	13,447	31,904	1.47	477,471	6.50	7
Ambasel .....	26,365	18,727	36,201	1.37	425,702	6.16	5
Tehuledere .....	23,671	7,262	11,981	0.51	146,502	7.03	4
Werebabu .....	21,260	9,679	17,031	0.80	207,297	6.88	5
Kalu .....	39,177	15,032	26,239	0.67	540,151	8.51	6
Dessie Zuria .....	64,934	24,991	49,320	0.76	428,746	4.90	4
Legambo .....	35,598	7,111	9,875	0.28	91,746	6.55	7
Sayint .....	44,853	27,267	60,471	1.35	422,369	3.03	6
Debresina .....	36,673	24,971	38,058	1.04	318,929	7.20	7
Kelala .....	29,924	24,707	49,895	1.67	764,564	7.28	9
Jama .....	25,068	15,728	28,063	1.12	333,497	6.55	9
Were Ilu .....	29,715	9,645	15,348	0.52	201,137	8.46	7
Wegde .....	26,779	22,116	39,532	1.48	623,440	8.80	9
North Shewa (Amhara) Zone .....	338,763	228,260	479,512	1.42	7,448,901	6.97	8
Middana Weremo .....	16,652	14,955	27,274	1.64	277,505	5.45	12
Merhabete .....	23,035	21,472	47,830	2.08	538,797	4.76	11
Insarona Wayu .....	24,523	18,934	40,371	1.65	751,096	9.09	10
Moretna Jiru .....	17,289	16,048	38,623	2.23	561,297	5.95	9



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 'Gotteras' Reported	Average Number Per Holder	Total Value (Birr)	Average Replacement Value Per 'Gottera' (Birr)	Average Storage Capacity of 'Gottera' (Quintal)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	15,408	29,227	1.07	287,828	5.46	8
Geshe .....	11,701	8,491	18,180	1.55	137,122	3.54	6
Antsokiya Gemza .....	12,985	7,595	11,444	0.88	140,168	8.12	7
Efratana Gidim .....	18,721	7,117	10,030	0.54	127,421	9.18	7
Lalo Midir.....	23,780	17,497	36,076	1.52	363,003	4.87	6
Mojana Wadera .....	14,989	10,707	28,069	1.87	192,128	2.56	6
Tarma Ber.....	17,150	9,389	13,876	0.81	142,768	7.04	6
Kewet.....	20,399	10,138	15,853	0.78	205,574	8.39	7
Asagirt .....	9,625	5,969	10,341	1.07	132,794	7.65	6
Angolelana Tera .....	14,930	5,333	7,961	0.53	147,952	13.29	9
Ankober .....	15,834	10,651	19,335	1.22	199,747	5.62	5
Hagere Mariam.....	10,654	8,277	21,134	1.98	326,225	5.97	8
Berehet.....	5,414	4,710	11,690	2.16	215,915	7.35	8
Minjarna Shenkora .....	22,920	17,377	49,122	2.14	2,263,735	15.93	14
Basona Werana.....	30,894	18,192	43,079	1.39	437,826	4.53	6
East Gojam Zone .....	377,208	123,484	229,140	0.61	2,913,933	6.63	8
Bibugn .....	20,380	4,975	7,804	0.38	31,902	2.87	6
Hulet Ej Enese.....	42,922	18,065	40,929	0.95	368,745	3.88	7
Goncha Siso Enese.....	26,631	14,568	26,313	0.99	216,724	4.40	9
Enbise Sar Midir.....	26,244	21,449	35,950	1.37	308,896	5.14	7
Enarj Enawga .....	31,408	12,389	21,655	0.69	319,923	9.01	7
Enemay .....	26,307	*	*	*	*	*	*
Debay Telatgen .....	24,182	*	*	*	*	*	*
Machakel .....	38,432	4,958	6,066	0.16	46,293	6.10	10
Guzamn .....	42,814	3,674	*	*	*	*	6
Baso Liben.....	26,092	10,191	19,483	0.75	301,164	6.63	8
Awabel.....	32,111	11,833	23,877	0.74	378,660	7.83	8
Dejen.....	20,267	10,995	20,316	1.00	565,787	14.24	8
Shebel Berenta.....	19,419	5,903	8,374	0.43	140,693	11.46	9
West Gojam Zone.....	371,763	26,242	47,847	0.13	610,847	7.21	11
Achefer .....	47,990	1,751	3,125	0.07	31,076	5.64	10
Bahir Dar Zuria .....	44,777	*	*	*	*	*	*
Yilman Densa .....	53,378	*	*	*	*	*	*
Merawi.....	47,811	*	*	*	*	*	*
Sekela .....	25,751	*	*	*	3,448	*	*
Kuarit.....	30,012	*	*	*	*	*	*
Dega Damot.....	28,781	2,567	*	*	38,005	*	6
Dembecha.....	21,896	4,952	6,613	0.30	99,396	11.79	16
Jabi Tehnan.....	35,596	3,672	4,684	0.13	43,414	7.88	8
Bure Wemberma .....	35,772	5,720	14,596	0.41	251,525	7.22	13
Waghamra Zone .....	75,654	43,077	71,233	0.94	1,104,513	9.86	9
Zikuala .....	13,305	7,851	15,215	1.14	214,750	6.91	7
Sekota .....	33,740	19,462	29,107	0.86	533,242	13.02	10
Dehana.....	28,610	15,764	26,912	0.94	356,522	8.11	8
Awı Zone.....	152,723	27,305	49,668	0.33	427,107	4.86	8
Dangela .....	33,997	10,073	16,785	0.49	147,100	5.51	11
Banja.....	25,927	*	*	*	*	*	*
Ankesha.....	38,056	*	*	*	*	*	*
Guangua.....	31,273	15,748	30,997	0.99	264,186	4.40	6
Faggeta Lekoma .....	23,471	125	*	*	*	*	7
Oromia Zone.....	72,663	19,048	22,658	0.31	417,661	16.08	8
Chefe Golana Dawe Rahimedo..	30,075	12,224	14,512	0.48	266,434	16.00	8
Bati .....	16,309	1,828	2,491	0.15	25,805	7.75	4
Jile Tsumiga .....	11,838	2,602	2,963	0.25	69,454	20.84	9
Artuma Fursi .....	14,442	2,395	2,692	0.19	55,968	19.00	9



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)
Amhara Region.....	2,989,354	324,494	414,314	0.14	8,873,563	17.55	10
North Gonder Zone .....	426,798	10,580	18,520	0.04	219,323	6.82	6
Addi Arkay .....	23,992	321	858	0.04	16,317	5.84	*
Beyeda .....	17,537	5,588	8,385	0.48	104,172	8.33	7
Janamora .....	29,184	2,724	5,082	0.17	58,041	6.31	6
Debark .....	21,492	*	*	*	*	*	*
Dabat .....	24,578	*	*	*	*	*	*
Sanja .....	24,523	*	*	*	*	*	*
Lay Armacheho .....	24,975	*	428	*	*	*	*
Wegera .....	37,057	*	*	*	*	*	*
Gondar Zuria .....	38,957	278	651	0.02	3,377	2.16	*
Dembia .....	41,272	*	*	*	*	*	*
Chilga .....	32,286	*	*	*	*	*	*
Metema .....	10,152	-	-	-	-	-	-
Quara .....	9,401	-	-	-	-	-	-
Alefa .....	46,244	306	977	0.02	*	1.37	*
Belesa .....	45,148	-	-	-	-	-	-
South Gonder Zone .....	374,252	7,621	12,342	0.03	161,473	9.08	10
Ebenat .....	41,969	*	*	*	*	*	*
Kemekem .....	30,786	*	*	*	*	*	*
Fogera .....	40,393	399	986	0.02	*	1.70	5
Farta .....	47,634	*	5,024	*	*	*	*
Lay Gayint .....	39,303	2,469	4,603	0.12	*	*	*
Tach Gayint .....	20,270	*	*	*	*	*	*
Simada .....	47,033	*	*	*	*	*	*
Estie .....	63,489	*	*	*	*	*	*
Dera .....	43,376	325	*	*	*	*	*
North Wollo Zone .....	307,669	77,644	100,711	0.33	2,119,075	16.66	11
Bugna .....	46,716	*	*	*	*	*	*
Kobo .....	41,472	23,626	26,776	0.65	446,411	14.78	10
Gidan .....	34,560	721	1,004	0.03	*	*	*
Meket .....	48,107	7,162	13,490	0.28	231,687	9.64	11
Wadala .....	26,661	7,280	12,696	0.48	204,246	9.59	12
Dawutna Delanta .....	35,910	3,919	6,797	0.19	140,965	12.30	15
Guba Lafto .....	35,600	11,429	13,255	0.37	350,162	22.40	11
Habru .....	38,645	21,960	24,720	0.64	700,164	24.88	11
South Wollo Zone .....	491,860	101,844	126,156	0.26	2,488,664	16.68	10
Mekdela .....	30,731	*	*	*	*	*	*
Tenta .....	35,460	1,295	1,744	0.05	*	*	12
Kutaber .....	21,652	296	784	0.04	14,309	*	*
Ambasel .....	26,365	4,959	5,636	0.21	78,366	12.18	8
Tehuledere .....	23,671	12,089	13,494	0.57	187,853	12.76	9
Werebabu .....	21,260	12,653	14,555	0.68	493,377	32.10	13
Kalu .....	39,177	27,928	31,627	0.81	774,269	21.63	10
Dessie Zuria .....	64,934	11,455	16,415	0.25	352,342	15.90	10
Legambo .....	35,598	6,650	8,667	0.24	99,566	9.05	12
Sayint .....	44,853	5,064	7,277	0.16	*	7.59	11
Debresina .....	36,673	5,564	7,911	0.22	123,522	10.69	9
Kelala .....	29,924	*	*	*	*	*	*
Jama .....	25,068	-	-	-	-	-	-
Were Ilu .....	29,715	3,329	5,225	0.18	85,496	11.34	10
Wegde .....	26,779	8,574	10,671	0.40	141,882	11.17	10
North Shewa (Amhara) Zone .....	338,763	45,029	53,511	0.16	1,518,189	23.26	11
Middana Weremo .....	16,652	189	*	*	*	*	*
Merhabete .....	23,035	*	*	*	*	*	*
Insarona Wayu .....	24,523	-	-	-	-	-	-
Moretna Jiru .....	17,289	*	*	*	*	*	*



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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	*	*	*	*	*	*
Geshe .....	11,701	*	*	*	*	*	*
Antsokiya Gemza .....	12,985	1,976	2,391	0.18	33,019	11.62	9
Efratana Gidim .....	18,721	6,353	7,059	0.38	129,368	15.59	12
Lalo Midir.....	23,780	*	*	*	*	*	*
Mojana Wadera .....	14,989	*	*	*	*	*	-
Tarma Ber.....	17,150	6,800	8,099	0.47	224,298	24.98	10
Kewet.....	20,399	10,205	12,034	0.59	342,079	24.26	13
Asagirt .....	9,625	3,583	4,000	0.42	77,395	17.03	7
Angolelana Tera .....	14,930	*	*	*	*	*	*
Ankober .....	15,834	7,018	8,124	0.51	172,103	18.23	7
Hagere Mariam.....	10,654	336	358	0.03	11,344	30.77	8
Berehet.....	5,414	3,609	4,389	0.81	263,685	48.15	12
Minjarna Shenkora .....	22,920	3,269	4,529	0.20	234,401	33.59	18
Basona Werana.....	30,894	*	*	*	*	*	*
East Gojam Zone .....	377,208	29,918	40,543	0.11	770,766	14.41	9
Bibugn .....	20,380	311	822	0.04	3,769	1.75	4
Hulet Ej Enese.....	42,922	*	*	*	*	*	*
Goncha Siso Enese.....	26,631	*	*	*	*	*	*
Enbise Sar Midir.....	26,244	6,944	9,534	0.36	187,590	14.53	10
Enarj Enawga .....	31,408	5,870	7,820	0.25	168,396	16.40	9
Enemy .....	26,307	2,226	2,982	0.11	69,677	17.93	9
Debay Telatgen .....	24,182	*	1,895	*	16,404	5.14	*
Machakel .....	38,432	314	*	*	*	*	*
Guzamn .....	42,814	1,334	1,842	0.04	10,545	*	6
Baso Liben.....	26,092	*	*	*	*	*	*
Awabel.....	32,111	*	*	*	*	*	*
Dejen.....	20,267	5,855	7,439	0.37	208,496	22.17	11
Shebel Berenta.....	19,419	1,700	1,857	0.10	28,582	12.16	*
West Gojam Zone.....	371,763	1,986	6,396	0.02	48,051	1.95	5
Achefer .....	47,990	*	*	*	*	*	*
Bahir Dar Zuria .....	44,777	*	*	*	*	*	*
Yilman Densa .....	53,378	*	*	*	*	*	*
Merawi.....	47,811	*	*	*	*	*	*
Sekela .....	25,751	216	511	0.02	2,258	1.76	4
Kuarit.....	30,012	*	*	*	*	*	*
Dega Damot.....	28,781	181	*	*	*	*	4
Dembecha.....	21,896	*	*	*	*	*	*
Jabi Tehnan.....	35,596	*	*	*	*	*	*
Bure Wemberma .....	35,772	220	*	*	*	*	*
Waghamra Zone .....	75,654	*	*	*	*	*	*
Zikuala .....	13,305	*	*	*	*	*	*
Sekota .....	33,740	*	*	*	*	*	*
Dehana.....	28,610	*	*	*	*	*	*
Aw Zone.....	152,723	824	1,428	0.01	7,124	2.33	3
Dangela .....	33,997	*	*	*	*	*	*
Banja.....	25,927	*	*	*	*	*	*
Ankesha.....	38,056	*	*	*	*	*	*
Guangua.....	31,273	-	-	-	-	-	-
Faggeta Lekoma .....	23,471	*	*	*	*	*	*
Oromia Zone.....	72,663	48,035	53,167	0.73	1,517,019	26.17	12
Chefe Golana Dawe Rahimedo..	30,075	19,004	20,980	0.70	554,953	24.35	12
Bati .....	16,309	12,502	13,726	0.84	539,562	35.36	13
Jile Tsumiga .....	11,838	7,514	7,852	0.66	206,022	24.93	12
Artuma Fursi .....	14,442	9,015	10,610	0.73	216,482	18.80	12



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)
Amhara Region.....	2,989,354	5,208	10,119	0.00	780,725	63.15	17
North Gondar Zone .....	426,798	1,138	2,686	0.01	56,992	9.63	*
Addi Arkay .....	23,992	*	*	*	*	*	*
Beyeda .....	17,537	-	-	-	-	-	-
Janamora .....	29,184	-	-	-	-	-	-
Debark .....	21,492	-	-	-	-	-	-
Dabat .....	24,578	-	-	-	-	-	-
Sanja .....	24,523	240	*	*	*	*	*
Lay Armacheho .....	24,975	-	-	-	-	-	-
Wegera .....	37,057	*	*	*	*	*	*
Gondar Zuria .....	38,957	*	*	*	*	*	*
Dembia .....	41,272	*	*	*	*	*	*
Chilga .....	32,286	*	*	*	*	*	*
Metema .....	10,152	170	212	0.02	*	*	*
Quara .....	9,401	-	-	-	-	-	-
Alefa .....	46,244	-	-	-	-	-	-
Belesa .....	45,148	*	*	*	*	*	*
South Gondar Zone .....	374,252	804	1,878	0.01	15,889	3.24	6
Ebenat .....	41,969	*	*	*	*	*	*
Kemekem .....	30,786	*	*	*	*	*	*
Fogera .....	40,393	-	-	-	-	-	-
Farta .....	47,634	*	*	*	*	*	*
Lay Gayint .....	39,303	*	*	*	*	*	*
Tach Gayint .....	20,270	-	-	-	-	-	-
Simada .....	47,033	*	*	*	*	*	*
Estie .....	63,489	-	-	-	-	-	-
Dera .....	43,376	*	*	*	*	*	*
North Wollo Zone .....	307,669	*	*	*	*	*	*
Bugna .....	46,716	*	*	*	*	*	*
Kobo .....	41,472	*	*	*	*	*	*
Gidan .....	34,560	-	-	-	-	-	-
Meket .....	48,107	-	-	-	-	-	-
Wadala .....	26,661	*	*	*	*	*	*
Dawutna Delanta .....	35,910	-	-	-	-	-	-
Guba Lafto .....	35,600	-	-	-	-	-	-
Habru .....	38,645	-	-	-	-	-	-
South Wollo Zone .....	491,860	531	1,066	0.00	13,110	6.39	10
Mekdela .....	30,731	-	-	-	-	-	-
Tenta .....	35,460	-	-	-	-	-	-
Kutaber .....	21,652	-	-	-	-	-	-
Ambasel .....	26,365	*	*	*	*	*	*
Tehuledere .....	23,671	-	-	-	-	-	-
Werebabu .....	21,260	-	-	-	-	-	-
Kalu .....	39,177	*	*	*	*	*	*
Dessie Zuria .....	64,934	-	-	-	-	-	-
Legambo .....	35,598	*	*	*	*	*	*
Sayint .....	44,853	*	*	*	*	*	*
Debresina .....	36,673	*	*	*	*	*	*
Kelala .....	29,924	*	*	*	*	*	*
Jama .....	25,068	-	-	-	-	-	-
Were Ilu .....	29,715	*	*	*	*	*	*
Wegde .....	26,779	*	*	*	*	*	*
North Shewa (Amhara) Zone .....	338,763	738	1,319	0.00	*	*	*
Middana Weremo .....	16,652	-	-	-	-	-	-
Merhabete .....	23,035	*	*	*	*	*	*
Insarona Wayu .....	24,523	*	*	*	*	*	*
Moretna Jiru .....	17,289	*	*	*	*	*	*



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)
North Shewa (Amhara) Zone .....							
Gera Keya.....	27,268	-	-	-	-	-	-
Geshe .....	11,701	60	*	*	*	*	*
Antsokiya Gemza .....	12,985	*	*	*	*	*	*
Efratana Gidim .....	18,721	*	*	*	*	*	*
Lalo Midir.....	23,780	*	*	*	*	*	*
Mojana Wadera .....	14,989	*	*	*	*	*	*
Tarma Ber.....	17,150	*	*	*	*	*	*
Kewet.....	20,399	-	-	-	-	-	-
Asagirt .....	9,625	*	*	*	*	*	*
Angolelana Tera .....	14,930	-	-	-	-	-	-
Ankober.....	15,834	*	*	*	*	*	*
Hagere Mariam.....	10,654	*	*	*	*	*	*
Berehet.....	5,414	-	-	-	-	-	-
Minjarna Shenkora .....	22,920	*	588	*	*	*	*
Basona Werana.....	30,894	-	-	-	-	-	-
East Gojam Zone .....	377,208	731	1,207	0.00	*	*	6
Bibugn .....	20,380	*	*	*	*	*	*
Hulet Ej Enese.....	42,922	*	*	*	*	*	*
Goncha Siso Enese.....	26,631	*	*	*	*	*	*
Enbise Sar Midir.....	26,244	*	240	*	*	*	*
Enarj Enawga .....	31,408	*	*	*	*	*	*
Enemay .....	26,307	*	*	*	*	*	*
Debay Telatgen .....	24,182	-	-	-	-	-	-
Machakel .....	38,432	-	-	-	-	-	-
Guzamn .....	42,814	-	-	-	-	-	-
Baso Liben.....	26,092	-	-	-	-	-	-
Awabel.....	32,111	-	-	-	-	-	-
Dejen.....	20,267	*	*	*	*	*	*
Shebel Berenta.....	19,419	*	*	*	*	*	*
West Gojam Zone.....	371,763	*	*	*	*	*	*
Achefer .....	47,990	-	-	-	-	-	-
Bahir Dar Zuria .....	44,777	-	-	-	-	-	-
Yilman Densa .....	53,378	-	-	-	-	-	-
Merawi.....	47,811	*	*	*	*	*	*
Sekela .....	25,751	-	-	-	-	-	-
Kuarit .....	30,012	-	-	-	-	-	-
Dega Damot.....	28,781	-	-	-	-	-	-
Dembecha.....	21,896	*	*	*	*	*	*
Jabi Tehnan.....	35,596	*	*	*	*	*	*
Bure Wemberma .....	35,772	*	*	*	*	*	*
Waghamra Zone .....	75,654	78	121	0.00	963	5.71	*
Zikuala .....	13,305	78	121	0.01	963	5.71	*
Sekota .....	33,740	-	-	-	-	-	-
Dehana.....	28,610	-	-	-	-	-	-
Awi Zone.....	152,723	456	918	0.01	*	*	6
Dangela .....	33,997	*	*	*	*	*	*
Banja.....	25,927	-	-	-	-	-	-
Ankesha.....	38,056	*	*	*	*	*	*
Guangua.....	31,273	*	*	*	*	*	*
Faggeta Lekoma.....	23,471	-	-	-	-	-	-
Oromia Zone.....	72,663	*	*	*	*	*	*
Chefe Golana Dawe Rahimedo ..	30,075	-	-	-	-	-	-
Bati .....	16,309	*	*	*	*	*	*
Jile Tsumiga .....	11,838	*	*	*	*	*	*
Artuma Fursi .....	14,442	*	*	*	*	*	*



STATISTICAL TABLES PRESENTING THE CENSUS  
RESULTS AT  
ZONAL AND WOREDA LEVELS

Tables 8.1B- 8.33B.



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	%
Amhara Region.....	472,143	15.79	1,131,142	37.84	966,695	32.34	306,744	10.26	80,707	2.70	31,923	1.07
North Gondar Zone.....	96,373	22.58	176,067	41.25	111,984	26.24	31,448	7.37	8,184	1.92	2,742	0.64
Addi Arkay.....	6,268	26.13	12,968	54.05	4,021	16.76	642	2.68	93	0.39	-	-
Beyeda.....	7,685	43.82	7,650	43.62	1,845	10.52	267	1.52	44	0.25	46	0.26
Janamora.....	12,549	43.00	11,986	41.07	4,088	14.01	487	1.67	36	0.12	38	0.13
Debark.....	7,039	32.75	9,868	45.91	4,142	19.27	403	1.88	40	0.19	-	-
Dabat.....	6,567	26.72	11,257	45.80	5,543	22.55	964	3.92	198	0.81	49	0.20
Sanja.....	1,740	7.10	13,802	56.28	7,156	29.18	1,588	6.48	71	0.29	166	0.68
Lay Armacheho.....	3,947	15.80	10,357	41.47	8,032	32.16	2,097	8.40	381	1.53	161	0.64
Wegera.....	9,984	26.94	15,200	41.02	9,464	25.54	1,888	5.09	473	1.28	48	0.13
Gondar Zuria.....	5,941	15.25	14,795	37.98	12,129	31.13	4,414	11.33	1,369	3.51	309	0.79
Dembia.....	12,754	30.90	17,479	42.35	8,740	21.18	1,698	4.11	562	1.36	39	0.09
Chilga.....	5,220	16.17	11,473	35.54	10,749	33.29	3,437	10.65	1,100	3.41	307	0.95
Metema.....	535	5.27	4,132	40.70	3,374	33.23	1,142	11.25	499	4.92	470	4.63
Quara.....	586	6.23	4,349	46.26	3,050	32.44	1,052	11.19	273	2.90	91	0.97
Alefa.....	9,736	21.05	18,433	39.86	13,487	29.16	3,743	8.09	672	1.45	173	0.37
Belesa.....	5,828	12.91	12,318	27.28	16,163	35.80	7,625	16.89	2,370	5.25	844	1.87
South Gondar Zone.....	71,162	19.01	148,017	39.55	109,916	29.37	35,337	9.44	7,501	2.00	2,319	0.62
Ebenat.....	6,924	16.50	14,951	35.62	14,570	34.72	4,453	10.61	736	1.75	335	0.80
Kemekem.....	5,913	19.21	10,275	33.38	10,080	32.74	3,337	10.84	852	2.77	329	1.07
Fogera.....	9,990	24.73	13,566	33.59	11,917	29.50	3,808	9.43	947	2.34	165	0.41
Farta.....	6,223	13.06	20,914	43.91	14,635	30.72	4,502	9.45	1,075	2.26	285	0.60
Lay Gayint.....	12,261	31.20	19,651	50.00	6,127	15.59	985	2.51	225	0.57	54	0.14
Tach Gayint.....	3,799	18.74	8,408	41.48	5,868	28.95	1,654	8.16	348	1.72	193	0.95
Simada.....	8,582	18.25	22,105	47.00	12,031	25.58	3,501	7.44	531	1.13	283	0.60
Estie.....	11,060	17.42	22,823	35.95	20,869	32.87	7,417	11.68	1,163	1.83	157	0.25
Dera.....	6,408	14.77	15,325	35.33	13,820	31.86	5,680	13.09	1,625	3.75	518	1.19
North Wollo Zone.....	48,603	15.80	114,983	37.37	99,664	32.39	33,132	10.77	8,538	2.78	2,749	0.89
Bugna.....	7,901	16.91	19,177	41.05	14,098	30.18	4,156	8.90	1,107	2.37	277	0.59
Kobo.....	4,856	11.71	13,607	32.81	14,214	34.27	6,885	16.60	1,462	3.53	448	1.08
Gidan.....	9,784	28.31	14,540	42.07	7,557	21.87	2,459	7.12	139	0.40	81	0.23
Meket.....	6,448	13.40	16,917	35.17	17,347	36.06	5,294	11.00	1,546	3.21	555	1.15
Wadala.....	4,549	17.06	10,604	39.77	9,380	35.18	1,639	6.15	392	1.47	97	0.36
Dawutna Delanta.....	7,150	19.91	13,746	38.28	10,491	29.21	3,350	9.33	857	2.39	316	0.88
Guba Lafto.....	4,194	11.78	13,182	37.03	12,698	35.67	3,854	10.83	1,450	4.07	222	0.62
Habru.....	3,720	9.63	13,211	34.19	13,879	35.91	5,495	14.22	1,586	4.10	754	1.95
South Wollo Zone.....	52,789	10.73	182,365	37.08	170,176	34.60	63,093	12.83	16,537	3.36	6,900	1.40
Mekdela.....	3,648	11.87	13,870	45.13	10,055	32.72	2,681	8.72	448	1.46	29	0.09
Tenta.....	4,347	12.26	16,631	46.90	10,657	30.05	2,701	7.62	717	2.02	407	1.15
Kutaber.....	1,006	4.65	5,437	25.11	8,520	39.35	4,083	18.86	1,814	8.38	792	3.66
Ambasel.....	1,362	5.17	7,370	27.95	10,029	38.04	5,344	20.27	1,609	6.10	651	2.47
Tehuledere.....	1,257	5.31	8,237	34.80	9,126	38.55	3,572	15.09	1,011	4.27	468	1.98
Werebabu.....	1,134	5.33	4,537	21.34	8,870	41.72	4,618	21.72	1,274	5.99	827	3.89
Kalu.....	2,004	5.12	10,691	27.29	15,103	38.55	7,376	18.83	2,243	5.73	1,760	4.49
Dessie Zuria.....	6,556	10.10	20,606	31.73	23,032	35.47	10,653	16.41	2,978	4.59	1,109	1.71
Legambo.....	7,200	20.23	17,642	49.56	8,636	24.26	1,894	5.32	226	0.63	-	-
Sayint.....	2,512	5.60	19,446	43.35	16,421	36.61	5,072	11.31	1,189	2.65	213	0.47
Debresina.....	5,317	14.50	13,647	37.21	13,593	37.07	2,936	8.01	995	2.71	185	0.50
Kelala.....	2,588	8.65	10,892	36.40	11,382	38.04	4,144	13.85	755	2.52	163	0.54
Jama.....	4,847	19.34	11,588	46.23	6,601	26.33	1,686	6.73	261	1.04	85	0.34
Were Illu.....	5,945	20.01	12,841	43.21	8,031	27.03	2,436	8.20	349	1.17	113	0.38
Wegde.....	3,067	11.45	8,930	33.35	10,119	37.79	3,897	14.55	667	2.49	99	0.37
North Shewa (Amhara) Zone.....	47,473	14.01	109,573	32.35	125,483	37.04	41,359	12.21	10,907	3.22	3,968	1.17
Middana Weremo.....	1,232	7.40	5,140	30.87	6,366	38.23	2,945	17.69	734	4.41	235	1.41
Merhabete.....	1,380	5.99	6,060	26.31	9,225	40.05	4,474	19.42	1,316	5.71	580	2.52
Insarona Wayu.....	4,916	20.05	8,558	34.90	7,706	31.42	1,992	8.12	954	3.89	397	1.62
Moretna Jiru.....	2,186	12.64	6,111	35.35	6,574	38.02	1,982	11.46	370	2.14	66	0.38



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	%
North Shewa (Amhara) Zone .....												
Gera Keya .....	4,441	16.29	11,073	40.61	9,524	34.93	1,848	6.78	382	1.40	-	-
Geshe .....	1,483	12.67	3,887	33.22	4,559	38.96	1,434	12.26	260	2.22	78	0.67
Antsokiya Gemza .....	1,146	8.83	5,031	38.74	5,185	39.93	1,350	10.40	203	1.56	70	0.54
Efratana Gidim .....	1,973	10.54	6,459	34.50	7,747	41.38	2,078	11.10	362	1.93	102	0.54
Lalo Midir .....	3,898	16.39	9,297	39.10	8,923	37.52	1,300	5.47	303	1.27	59	0.25
Mojana Wadera .....	3,017	20.13	4,308	28.74	5,576	37.20	1,704	11.37	328	2.19	56	0.37
Tarma Ber .....	1,908	11.13	4,244	24.75	6,799	39.64	2,772	16.16	1,061	6.19	366	2.13
Kewet .....	2,252	11.04	6,276	30.77	7,246	35.52	3,443	16.88	832	4.08	350	1.72
Asagirt .....	1,176	12.22	3,016	31.34	3,489	36.25	1,368	14.21	362	3.76	214	2.22
Angolelana Tera .....	3,437	23.02	6,180	41.39	4,271	28.61	790	5.29	232	1.55	20	0.13
Ankober .....	1,316	8.31	4,244	26.80	6,569	41.49	2,786	17.60	685	4.33	234	1.48
Hagere Mariam .....	1,461	13.71	3,060	28.72	4,155	39.00	1,555	14.60	251	2.36	172	1.61
Berehet .....	358	6.61	1,333	24.62	2,382	44.00	912	16.85	350	6.46	79	1.46
Minjarna Shenkora .....	4,091	17.85	5,403	23.57	7,105	31.00	4,332	18.90	1,391	6.07	598	2.61
Basona Werana .....	5,802	18.78	9,894	32.03	12,084	39.11	2,295	7.43	528	1.71	291	0.94
East Gojam Zone .....	61,909	16.41	146,999	38.97	115,660	30.66	36,652	9.72	10,986	2.91	5,002	1.33
Bibugn .....	3,298	16.18	8,861	43.48	6,219	30.52	1,528	7.50	216	1.06	258	1.27
Hulet Ej Enese .....	8,098	18.87	17,140	39.93	11,265	26.25	4,172	9.72	1,433	3.34	814	1.90
Goncha Siso Enese .....	3,965	14.89	11,427	42.91	7,748	29.09	2,305	8.66	808	3.03	378	1.42
Enbise Sar Midir .....	3,812	14.53	10,449	39.81	9,038	34.44	2,419	9.22	458	1.75	68	0.26
Enarj Enawga .....	6,204	19.75	11,059	35.21	9,950	31.68	3,270	10.41	756	2.41	169	0.54
Enemay .....	6,290	23.91	9,563	36.35	7,412	28.18	2,478	9.42	456	1.73	108	0.41
Debay Telatgen .....	6,856	28.35	12,071	49.92	4,488	18.56	599	2.48	168	0.69	-	-
Machakel .....	2,213	5.76	11,064	28.79	14,171	36.87	6,935	18.04	2,417	6.29	1,632	4.25
Guzamn .....	6,468	15.11	17,394	40.63	12,799	29.89	4,223	9.86	1,496	3.49	434	1.01
Baso Liben .....	2,715	10.41	10,683	40.94	9,899	37.94	2,345	8.99	345	1.32	105	0.40
Awabel .....	6,404	19.94	12,799	39.86	8,462	26.35	2,721	8.47	1,120	3.49	605	1.88
Dejen .....	2,871	14.17	7,786	38.42	7,829	38.63	1,316	6.49	361	1.78	104	0.51
Shebel Berenta .....	2,716	13.99	6,705	34.53	6,379	32.85	2,342	12.06	951	4.90	326	1.68
West Gojam Zone .....	52,495	14.12	137,179	36.90	130,831	35.19	36,323	9.77	10,051	2.70	4,884	1.31
Achefer .....	5,932	12.36	19,641	40.93	17,916	37.33	3,476	7.24	911	1.90	114	0.24
Bahir Dar Zuria .....	6,649	14.85	11,234	25.09	16,142	36.05	7,457	16.65	2,247	5.02	1,048	2.34
Yilman Densa .....	9,349	17.51	18,452	34.57	18,686	35.01	4,628	8.67	1,326	2.48	937	1.76
Merawi .....	5,481	11.46	21,279	44.51	14,674	30.69	4,809	10.06	1,079	2.26	489	1.02
Sekela .....	4,139	16.07	9,532	37.02	8,530	33.12	2,293	8.90	805	3.13	452	1.76
Kuarit .....	6,222	20.73	13,733	45.76	9,094	30.30	852	2.84	73	0.24	38	0.13
Dega Damot .....	4,963	17.24	14,418	50.10	7,943	27.60	1,255	4.36	202	0.70	-	-
Dembecha .....	1,379	6.30	6,268	28.63	8,383	38.29	3,849	17.58	1,407	6.43	610	2.79
Jabi Tehnan .....	5,193	14.59	11,188	31.43	13,742	38.61	3,829	10.76	1,130	3.17	514	1.44
Bure Wemberma .....	3,192	8.92	11,433	31.96	15,721	43.95	3,874	10.83	871	2.43	681	1.90
Waghamra Zone .....	15,297	20.22	38,731	51.19	17,409	23.01	3,593	4.75	553	0.73	71	0.09
Zikuala .....	1,931	14.51	7,329	55.08	3,094	23.25	667	5.01	213	1.60	71	0.53
Sekota .....	7,230	21.43	16,804	49.80	7,716	22.87	1,762	5.22	228	0.68	-	-
Dehana .....	6,136	21.45	14,598	51.02	6,600	23.07	1,164	4.07	112	0.39	-	-
Awji Zone .....	20,139	13.19	51,222	33.54	58,687	38.43	16,408	10.74	4,527	2.96	1,740	1.14
Dangela .....	3,707	10.90	12,740	37.47	12,442	36.60	3,502	10.30	844	2.48	762	2.24
Banja .....	3,940	15.20	6,338	24.45	12,500	48.21	2,239	8.64	580	2.24	330	1.27
Ankesha .....	4,709	12.37	11,925	31.34	14,695	38.61	4,886	12.84	1,541	4.05	300	0.79
Guangua .....	4,081	13.05	12,154	38.86	9,874	31.57	3,736	11.95	1,110	3.55	318	1.02
Faggeta Lekoma .....	3,700	15.76	8,065	34.36	9,176	39.10	2,045	8.71	453	1.93	32	0.14
Oromia Zone .....	5,905	8.13	26,005	35.79	26,884	37.00	9,398	12.93	2,924	4.02	1,547	2.13
Chefe Golana Dawe Rahimedo .....	2,227	7.40	11,138	37.03	11,439	38.03	3,887	12.92	980	3.26	404	1.34
Bati .....	1,105	6.78	3,218	19.73	6,074	37.24	3,361	20.61	1,572	9.64	979	6.00
Jile Tsumiga .....	1,254	10.59	5,311	44.86	4,099	34.63	924	7.81	135	1.14	115	0.97
Artuma Fursi .....	1,321	9.15	6,337	43.88	5,273	36.51	1,226	8.49	237	1.64	48	0.33



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	%
Amhara Region.....	2,821,140	94.37	155,764	5.21	11,428	0.38	540	0.02	119	0.00	363	0.01
North Gondar Zone.....	365,119	85.55	56,846	13.32	4,523	1.06	120	0.03	100	0.02	90	0.02
Addi Arkay .....	10,026	41.79	12,271	51.15	1,584	6.60	80	0.33	-	-	31	0.13
Beyeda .....	15,086	86.02	2,388	13.62	63	0.36	-	-	-	-	-	-
Janamora .....	27,142	93.00	1,967	6.74	75	0.26	-	-	-	-	-	-
Debark.....	15,710	73.10	5,132	23.88	623	2.90	27	0.13	-	-	-	-
Dabat.....	17,437	70.95	6,706	27.28	335	1.36	-	-	100	0.41	-	-
Sanja.....	19,586	79.87	4,420	18.02	458	1.87	-	-	-	-	59	0.24
Lay Armacheho .....	12,505	50.07	11,430	45.77	1,040	4.16	-	-	-	-	-	-
Wegera.....	33,468	90.31	3,537	9.54	52	0.14	-	-	-	-	-	-
Gondar Zuria.....	36,646	94.07	2,277	5.84	34	0.09	-	-	-	-	-	-
Dembia.....	39,590	95.92	1,626	3.94	56	0.14	-	-	-	-	-	-
Chilga.....	30,145	93.37	2,056	6.37	85	0.26	-	-	-	-	-	-
Metema .....	8,959	88.25	1,188	11.70	5	0.05	-	-	-	-	-	-
Quara.....	9,137	97.19	217	2.31	34	0.36	13	0.14	-	-	-	-
Alefa.....	45,727	98.88	438	0.95	79	0.17	-	-	-	-	-	-
Belesa.....	43,954	97.36	1,194	2.64	-	-	-	-	-	-	-	-
South Gondar Zone.....	367,496	98.19	6,106	1.63	534	0.14	-	-	-	-	116	0.03
Ebenat .....	41,649	99.24	320	0.76	-	-	-	-	-	-	-	-
Kemekem.....	29,690	96.44	1,096	3.56	-	-	-	-	-	-	-	-
Fogera .....	36,928	91.42	3,059	7.57	343	0.85	-	-	-	-	63	0.16
Farta .....	46,868	98.39	638	1.34	128	0.27	-	-	-	-	-	-
Lay Gayint .....	39,043	99.34	197	0.50	63	0.16	-	-	-	-	-	-
Tach Gayint .....	19,968	98.51	302	1.49	-	-	-	-	-	-	-	-
Simada .....	46,805	99.52	175	0.37	-	-	-	-	-	-	53	0.11
Estie .....	63,256	99.63	233	0.37	-	-	-	-	-	-	-	-
Dera.....	43,289	99.80	87	0.20	-	-	-	-	-	-	-	-
North Wollo Zone.....	289,879	94.22	16,828	5.47	962	0.31	-	-	-	-	-	-
Bugna .....	37,523	80.32	8,890	19.03	303	0.65	-	-	-	-	-	-
Kobo.....	37,281	89.89	4,013	9.68	178	0.43	-	-	-	-	-	-
Gidan.....	33,510	96.96	958	2.77	92	0.27	-	-	-	-	-	-
Meket .....	47,825	99.41	161	0.33	121	0.25	-	-	-	-	-	-
Wadala .....	26,310	98.68	320	1.20	31	0.12	-	-	-	-	-	-
Dawutna Delanta .....	35,243	98.14	667	1.86	-	-	-	-	-	-	-	-
Guba Lafto .....	34,749	97.61	799	2.24	52	0.15	-	-	-	-	-	-
Habru .....	37,440	96.88	1,020	2.64	185	0.48	-	-	-	-	-	-
South Wollo Zone.....	484,543	98.51	6,845	1.39	418	0.08	-	-	-	-	54	0.01
Mekdela .....	29,567	96.21	1,164	3.79	-	-	-	-	-	-	-	-
Tenta .....	34,436	97.11	1,024	2.89	-	-	-	-	-	-	-	-
Kutaber.....	21,046	97.20	555	2.56	23	0.11	-	-	-	-	28	0.13
Ambasel.....	26,072	98.89	293	1.11	-	-	-	-	-	-	-	-
Tehuledere .....	22,813	96.38	786	3.32	72	0.30	-	-	-	-	-	-
Werebabu.....	20,899	98.30	336	1.58	-	-	-	-	-	-	25	0.12
Kalu.....	38,491	98.25	581	1.48	105	0.27	-	-	-	-	-	-
Dessie Zuria.....	63,544	97.86	1,315	2.03	75	0.12	-	-	-	-	-	-
Legambo .....	35,382	99.39	174	0.49	42	0.12	-	-	-	-	-	-
Sayint .....	44,684	99.62	169	0.38	-	-	-	-	-	-	-	-
Debresina .....	36,579	99.74	94	0.26	-	-	-	-	-	-	-	-
Kelala .....	29,786	99.54	138	0.46	-	-	-	-	-	-	-	-
Jama .....	25,039	99.88	29	0.12	-	-	-	-	-	-	-	-
Were Ilu .....	29,455	99.13	188	0.63	72	0.24	-	-	-	-	-	-
Wegde .....	26,749	99.89	-	-	30	0.11	-	-	-	-	-	-
North Shewa (Amhara) Zone .....	335,965	99.17	2,629	0.78	144	0.04	25	0.01	-	-	-	-
Middana Weremo .....	16,632	99.88	20	0.12	-	-	-	-	-	-	-	-
Merhabete .....	23,005	99.87	30	0.13	-	-	-	-	-	-	-	-
Insarona Wayu.....	24,432	99.63	57	0.23	34	0.14	-	-	-	-	-	-
Moretna Jiru.....	17,269	99.88	20	0.12	-	-	-	-	-	-	-	-



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	%
North Shewa (Amhara) Zone.....												
Gera Keya .....	27,230	99.86	38	0.14	-	-	-	-	-	-	-	-
Geshe .....	11,668	99.72	33	0.28	-	-	-	-	-	-	-	-
Antsokiya Gemza.....	12,513	96.37	454	3.50	18	0.14	-	-	-	-	-	-
Efratana Gidim.....	18,318	97.85	371	1.98	32	0.17	-	-	-	-	-	-
Lalo Midir .....	23,751	99.88	29	0.12	-	-	-	-	-	-	-	-
Mojana Wadera.....	14,951	99.75	38	0.25	-	-	-	-	-	-	-	-
Tarma Ber .....	17,012	99.20	138	0.80	-	-	-	-	-	-	-	-
Kewet .....	20,079	98.43	295	1.45	-	-	25	0.12	-	-	-	-
Asagirt.....	9,524	98.95	75	0.78	26	0.27	-	-	-	-	-	-
Angolelana Tera.....	14,816	99.24	96	0.64	18	0.12	-	-	-	-	-	-
Ankober.....	15,796	99.76	38	0.24	-	-	-	-	-	-	-	-
Hagere Mariam .....	10,487	98.43	167	1.57	-	-	-	-	-	-	-	-
Berehet .....	5,363	99.06	34	0.63	17	0.31	-	-	-	-	-	-
Minjarna Shenkora.....	22,437	97.89	483	2.11	-	-	-	-	-	-	-	-
Basona Werana .....	30,681	99.31	213	0.69	-	-	-	-	-	-	-	-
East Gojam Zone.....	373,705	99.07	3,097	0.82	381	0.10	25	0.01	-	-	-	-
Bibugn.....	19,984	98.06	371	1.82	-	-	25	0.12	-	-	-	-
Hulet Ej Enese .....	42,922	100.00	-	-	-	-	-	-	-	-	-	-
Goncha Siso Enese.....	26,293	98.73	261	0.98	77	0.29	-	-	-	-	-	-
Enbise Sar Midir.....	25,561	97.40	575	2.19	108	0.41	-	-	-	-	-	-
Enarj Enawga .....	31,297	99.65	111	0.35	-	-	-	-	-	-	-	-
Enemay .....	25,971	98.72	336	1.28	-	-	-	-	-	-	-	-
Debay Telatgen .....	24,049	99.45	133	0.55	-	-	-	-	-	-	-	-
Machakel.....	37,931	98.70	501	1.30	-	-	-	-	-	-	-	-
Guzamn .....	42,580	99.45	173	0.40	61	0.14	-	-	-	-	-	-
Baso Liben .....	26,092	100.00	-	-	-	-	-	-	-	-	-	-
Awabel .....	31,590	98.38	385	1.20	136	0.42	-	-	-	-	-	-
Dejen .....	20,097	99.16	170	0.84	-	-	-	-	-	-	-	-
Shebel Berenta.....	19,338	99.58	81	0.42	-	-	-	-	-	-	-	-
West Gojam Zone .....	364,517	98.05	6,759	1.82	421	0.11	-	-	-	-	66	0.02
Achefer.....	47,140	98.23	676	1.41	174	0.36	-	-	-	-	-	-
Bahir Dar Zuria.....	44,697	99.82	80	0.18	-	-	-	-	-	-	-	-
Yilman Densa.....	53,251	99.76	61	0.11	-	-	-	-	-	-	66	0.12
Merawi .....	46,604	97.48	1,126	2.36	81	0.17	-	-	-	-	-	-
Sekela .....	25,322	98.33	392	1.52	37	0.14	-	-	-	-	-	-
Kuarit .....	29,936	99.75	76	0.25	-	-	-	-	-	-	-	-
Dega Damot .....	28,781	100.00	-	-	-	-	-	-	-	-	-	-
Dembecha .....	21,534	98.35	362	1.65	-	-	-	-	-	-	-	-
Jabi Tehnan .....	34,469	96.83	1,078	3.03	49	0.14	-	-	-	-	-	-
Bure Wemberma.....	32,784	91.65	2,908	8.13	80	0.22	-	-	-	-	-	-
Waghamra Zone.....	25,224	33.34	46,351	61.27	3,739	4.94	283	0.37	19	0.03	38	0.05
Zikuala .....	5,277	39.66	6,912	51.95	776	5.83	283	2.13	19	0.14	38	0.29
Sekota.....	8,283	24.55	23,630	70.04	1,827	5.41	-	-	-	-	-	-
Dehana .....	11,665	40.77	15,809	55.26	1,136	3.97	-	-	-	-	-	-
Awı Zone.....	144,959	94.92	7,447	4.88	231	0.15	86	0.06	-	-	-	-
Dangela .....	31,400	92.36	2,597	7.64	-	-	-	-	-	-	-	-
Banja .....	25,268	97.46	622	2.40	37	0.14	-	-	-	-	-	-
Ankesha.....	36,179	95.07	1,877	4.93	-	-	-	-	-	-	-	-
Guangua .....	29,197	93.36	1,827	5.84	163	0.52	86	0.27	-	-	-	-
Faggeta Lekoma.....	22,916	97.64	524	2.23	31	0.13	-	-	-	-	-	-
Oromia Zone .....	69,731	95.96	2,857	3.93	75	0.10	-	-	-	-	-	-
Chefe Golana Dawe Rahimedo	29,093	96.73	942	3.13	40	0.13	-	-	-	-	-	-
Bati .....	15,447	94.71	862	5.29	-	-	-	-	-	-	-	-
Jile Tsumiga.....	11,175	94.40	628	5.30	35	0.30	-	-	-	-	-	-
Artuma Fursi .....	14,017	97.06	425	2.94	-	-	-	-	-	-	-	-



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

Geographic Area.	Number of Crop Holders that Owned											
	No Shovel		One Shovel		Two Shovels		Three Shovels		Four Shovels		Five and above Shovels	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region.....	2,524,653	84.45	440,133	14.72	22,116	0.74	1,795	0.06	220	0.01	437	0.01
North Gondar Zone.....	374,897	87.84	49,610	11.62	2,174	0.51	117	0.03	-	-	-	-
Addi Arkay .....	16,834	70.17	6,813	28.40	345	1.44	-	-	-	-	-	-
Beyeda .....	14,064	80.20	3,361	19.17	112	0.64	-	-	-	-	-	-
Janamora.....	24,132	82.69	4,891	16.76	161	0.55	-	-	-	-	-	-
Debark.....	17,229	80.16	4,092	19.04	171	0.80	-	-	-	-	-	-
Dabat.....	22,105	89.94	2,473	10.06	-	-	-	-	-	-	-	-
Sanja.....	20,988	85.58	3,411	13.91	124	0.51	-	-	-	-	-	-
Lay Armacheho .....	21,020	84.16	3,651	14.62	304	1.22	-	-	-	-	-	-
Wegera.....	31,967	86.26	4,937	13.32	153	0.41	-	-	-	-	-	-
Gondar Zuria.....	34,462	88.46	4,395	11.28	45	0.12	55	0.14	-	-	-	-
Dembia.....	38,873	94.19	2,346	5.68	53	0.13	-	-	-	-	-	-
Chilga.....	29,524	91.45	2,563	7.94	199	0.62	-	-	-	-	-	-
Metema.....	8,765	86.34	1,344	13.24	43	0.42	-	-	-	-	-	-
Quara.....	9,103	96.83	298	3.17	-	-	-	-	-	-	-	-
Alefa.....	45,802	99.04	442	0.96	-	-	-	-	-	-	-	-
Belesa.....	40,033	88.67	4,591	10.17	462	1.02	62	0.14	-	-	-	-
South Gondar Zone.....	343,178	91.70	29,614	7.91	1,204	0.32	148	0.04	37	0.01	71	0.02
Ebenat .....	40,245	95.89	1,681	4.01	43	0.10	-	-	-	-	-	-
Kemekem.....	27,856	90.48	2,707	8.79	186	0.60	-	-	37	0.12	-	-
Fogera.....	38,549	95.43	1,844	4.57	-	-	-	-	-	-	-	-
Farta.....	41,200	86.49	5,814	12.21	471	0.99	78	0.16	-	-	71	0.15
Lay Gayint .....	32,567	82.86	6,489	16.51	200	0.51	47	0.12	-	-	-	-
Tach Gayint .....	16,879	83.27	3,263	16.10	105	0.52	23	0.11	-	-	-	-
Simada.....	43,457	92.40	3,576	7.60	-	-	-	-	-	-	-	-
Estie.....	60,854	95.85	2,563	4.04	72	0.11	-	-	-	-	-	-
Dera.....	41,571	95.84	1,678	3.87	127	0.29	-	-	-	-	-	-
North Wollo Zone.....	221,506	71.99	80,951	26.31	5,154	1.68	58	0.02	-	-	-	-
Bugna.....	34,912	74.73	10,184	21.80	1,620	3.47	-	-	-	-	-	-
Kobo.....	27,143	65.45	13,541	32.65	730	1.76	58	0.14	-	-	-	-
Gidan.....	27,032	78.22	7,111	20.58	417	1.21	-	-	-	-	-	-
Meket.....	40,288	83.75	7,244	15.06	575	1.20	-	-	-	-	-	-
Wadala.....	23,291	87.36	3,162	11.86	208	0.78	-	-	-	-	-	-
Dawutna Delanta .....	28,679	79.86	7,030	19.58	201	0.56	-	-	-	-	-	-
Guba Lafto.....	16,028	45.02	18,751	52.67	821	2.31	-	-	-	-	-	-
Habru.....	24,138	62.46	13,927	36.04	580	1.50	-	-	-	-	-	-
South Wollo Zone.....	381,184	77.50	102,406	20.82	7,247	1.47	800	0.16	100	0.02	123	0.03
Mekdela.....	28,011	91.15	2,571	8.37	149	0.48	-	-	-	-	-	-
Tenta.....	29,948	84.46	5,044	14.22	282	0.80	140	0.39	46	0.13	-	-
Kutaber.....	10,008	46.22	10,254	47.36	1,161	5.36	201	0.93	28	0.13	-	-
Ambasel.....	10,671	40.47	14,126	53.58	1,404	5.33	164	0.62	-	-	-	-
Tehuledere.....	14,402	60.84	8,493	35.88	712	3.01	64	0.27	-	-	-	-
Werebabu.....	11,525	54.21	9,201	43.28	508	2.39	-	-	26	0.12	-	-
Kalu.....	24,383	62.24	13,933	35.56	861	2.20	-	-	-	-	-	-
Dessie Zuria.....	46,273	71.26	16,862	25.97	1,649	2.54	75	0.12	-	-	75	0.12
Legambo.....	29,568	83.06	5,804	16.30	133	0.37	44	0.12	-	-	49	0.14
Sayint.....	42,759	95.33	2,040	4.55	54	0.12	-	-	-	-	-	-
Debresina.....	33,602	91.63	2,940	8.02	69	0.19	62	0.17	-	-	-	-
Kelala.....	27,357	91.42	2,494	8.33	73	0.24	-	-	-	-	-	-
Jama.....	23,498	93.74	1,570	6.26	-	-	-	-	-	-	-	-
Were Ilu.....	25,080	84.40	4,427	14.90	157	0.53	51	0.17	-	-	-	-
Wegde.....	24,097	89.98	2,648	9.89	34	0.13	-	-	-	-	-	-
North Shewa (Amhara) Zone.....	265,283	78.31	70,631	20.85	2,614	0.77	223	0.07	-	-	12	0.00
Middana Weremo .....	14,731	88.46	1,905	11.44	16	0.10	-	-	-	-	-	-
Merhabete.....	20,563	89.27	2,362	10.25	110	0.48	-	-	-	-	-	-
Insarona Wayu.....	22,921	93.47	1,513	6.17	89	0.36	-	-	-	-	-	-
Moretna Jiru.....	15,500	89.65	1,770	10.24	19	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	%
North Shewa (Amhara) Zone .....												
Gera Keya .....	23,319	85.52	3,882	14.24	67	0.25	-	-	-	-	-	-
Geshe.....	9,341	79.83	2,360	20.17	-	-	-	-	-	-	-	-
Antsokiya Gemza.....	10,960	84.41	1,876	14.45	133	1.02	16	0.12	-	-	-	-
Efratana Gidim.....	15,923	85.05	2,731	14.59	41	0.22	26	0.14	-	-	-	-
Lalo Midir.....	18,518	77.87	5,110	21.49	122	0.51	30	0.13	-	-	-	-
Mojana Wadera.....	11,405	76.09	3,472	23.16	38	0.25	74	0.49	-	-	-	-
Tarma Ber.....	12,549	73.17	4,507	26.28	94	0.55	-	-	-	-	-	-
Kewet.....	15,656	76.75	4,696	23.02	47	0.23	-	-	-	-	-	-
Asagirt.....	6,647	69.06	2,910	30.23	68	0.71	-	-	-	-	-	-
Angolelana Tera.....	9,942	66.59	4,797	32.13	191	1.28	-	-	-	-	-	-
Ankober.....	9,487	59.92	5,760	36.38	547	3.45	40	0.25	-	-	-	-
Hagere Mariam.....	7,838	73.57	2,708	25.42	96	0.90	-	-	-	-	12	0.11
Berehet.....	3,941	72.79	1,421	26.25	52	0.96	-	-	-	-	-	-
Minjarna Shenkora.....	15,529	67.75	7,109	31.02	282	1.23	-	-	-	-	-	-
Basona Werana.....	20,514	66.40	9,741	31.53	602	1.95	37	0.12	-	-	-	-
East Gojam Zone .....	349,710	92.71	26,765	7.10	467	0.12	172	0.05	-	-	94	0.02
Bibugn.....	20,008	98.17	323	1.58	49	0.24	-	-	-	-	-	-
Hulet Ej Enese .....	41,002	95.53	1,920	4.47	-	-	-	-	-	-	-	-
Goncha Siso Enese .....	25,056	94.09	1,452	5.45	35	0.13	44	0.17	-	-	44	0.17
Enbise Sar Midir.....	25,367	96.66	807	3.07	38	0.14	32	0.12	-	-	-	-
Enarj Enawga.....	29,671	94.47	1,693	5.39	44	0.14	-	-	-	-	-	-
Enemay .....	24,264	92.23	2,010	7.64	33	0.13	-	-	-	-	-	-
Debay Telatgen.....	23,001	95.12	1,181	4.88	-	-	-	-	-	-	-	-
Machakel.....	33,394	86.89	4,988	12.98	-	-	-	-	-	-	50	0.13
Guzamn.....	37,638	87.91	5,114	11.94	62	0.14	-	-	-	-	-	-
Baso Liben.....	24,734	94.80	1,285	4.92	73	0.28	-	-	-	-	-	-
Awabel.....	28,574	88.99	3,485	10.85	-	-	52	0.16	-	-	-	-
Dejen.....	18,020	88.91	2,103	10.38	100	0.49	44	0.22	-	-	-	-
Shebel Berenta.....	18,983	97.75	403	2.08	33	0.17	-	-	-	-	-	-
West Gojam Zone .....	339,228	91.25	31,562	8.49	711	0.19	123	0.03	84	0.02	55	0.01
Achefer.....	44,584	92.90	3,206	6.68	77	0.16	123	0.26	-	-	-	-
Bahir Dar Zuria.....	39,411	88.02	5,151	11.50	160	0.36	-	-	-	-	55	0.12
Yilman Densa.....	51,556	96.59	1,822	3.41	-	-	-	-	-	-	-	-
Merawi.....	45,434	95.03	2,377	4.97	-	-	-	-	-	-	-	-
Sekela.....	23,865	92.68	1,853	7.20	33	0.13	-	-	-	-	-	-
Kuarit.....	29,050	96.79	932	3.11	30	0.10	-	-	-	-	-	-
Dega Damot.....	28,252	98.16	494	1.72	-	-	-	-	35	0.12	-	-
Dembecha .....	18,058	82.47	3,808	17.39	30	0.14	-	-	-	-	-	-
Jabi Tehnan.....	31,744	89.18	3,761	10.57	91	0.26	-	-	-	-	-	-
Bure Wemberma.....	27,278	76.26	8,157	22.80	288	0.81	-	-	49	0.14	-	-
Waghamra Zone.....	65,212	86.20	8,996	11.89	1,346	1.78	19	0.03	-	-	81	0.11
Zikuala. ....	10,817	81.30	1,926	14.48	524	3.94	19	0.14	-	-	19	0.14
Sekota.....	28,172	83.50	4,893	14.50	613	1.82	-	-	-	-	62	0.18
Dehana.....	26,224	91.66	2,177	7.61	209	0.73	-	-	-	-	-	-
Awii Zone .....	131,066	85.82	21,310	13.95	347	0.23	-	-	-	-	-	-
Dangela. ....	28,510	83.86	5,400	15.88	87	0.26	-	-	-	-	-	-
Banja.....	20,712	79.89	5,142	19.83	73	0.28	-	-	-	-	-	-
Ankesha .....	34,486	90.62	3,570	9.38	-	-	-	-	-	-	-	-
Guangua.....	28,083	89.80	3,065	9.80	125	0.40	-	-	-	-	-	-
Faggeta Lekoma.....	19,277	82.13	4,132	17.60	62	0.26	-	-	-	-	-	-
Oromia Zone.....	53,385	73.47	18,288	25.17	854	1.18	136	0.19	-	-	-	-
Chefe Golana Dawe Rahimedo	23,345	77.62	6,398	21.27	291	0.97	41	0.14	-	-	-	-
Bati.....	9,431	57.83	6,348	38.92	435	2.67	95	0.58	-	-	-	-
Jile Tsumiga.....	9,304	78.59	2,491	21.04	43	0.36	-	-	-	-	-	-
Artuma Fursi.....	11,307	78.29	3,051	21.13	84	0.58	-	-	-	-	-	-



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	%
Amhara Region.....	2,592,505	86.72	305,458	10.22	65,754	2.20	17,692	0.59	4,965	0.17	2,980	0.10
North Gondar Zone.....	406,541	95.25	17,269	4.05	2,380	0.56	513	0.12	63	0.01	32	0.01
Addi Arkay .....	23,583	98.30	381	1.59	28	0.12	-	-	-	-	-	-
Beyeda .....	17,140	97.74	375	2.14	22	0.13	-	-	-	-	-	-
Janamora .....	28,729	98.44	354	1.21	101	0.35	-	-	-	-	-	-
Debark.....	18,872	87.81	2,587	12.04	33	0.15	-	-	-	-	-	-
Dabat.....	23,763	96.68	722	2.94	64	0.26	29	0.12	-	-	-	-
Sanja.....	23,448	95.62	678	2.76	355	1.45	42	0.17	-	-	-	-
Lay Armacheho .....	22,168	88.76	2,428	9.72	326	1.31	53	0.21	-	-	-	-
Wegera.....	36,610	98.79	339	0.91	108	0.29	-	-	-	-	-	-
Gondar Zuria.....	37,122	95.29	1,783	4.58	52	0.13	-	-	-	-	-	-
Dembia.....	40,703	98.62	569	1.38	-	-	-	-	-	-	-	-
Chilga.....	31,711	98.22	534	1.65	-	-	41	0.13	-	-	-	-
Metema .....	9,497	93.55	485	4.78	77	0.76	60	0.59	22	0.22	11	0.11
Quara .....	8,682	92.35	462	4.91	92	0.98	103	1.10	41	0.44	21	0.22
Alefa.....	41,627	90.02	3,388	7.33	1,044	2.26	185	0.40	-	-	-	-
Belesa.....	42,885	94.99	2,184	4.84	79	0.17	-	-	-	-	-	-
South Gondar Zone.....	363,599	97.15	6,516	1.74	3,175	0.85	636	0.17	326	0.09	-	-
Ebenat .....	39,867	94.99	1,926	4.59	176	0.42	-	-	-	-	-	-
Kemekem.....	30,499	99.07	287	0.93	-	-	-	-	-	-	-	-
Fogera .....	40,237	99.61	156	0.39	-	-	-	-	-	-	-	-
Farta .....	43,766	91.88	1,864	3.91	1,440	3.02	303	0.64	261	0.55	-	-
Lay Gayint .....	37,239	94.75	1,402	3.57	662	1.68	-	-	-	-	-	-
Tach Gayint .....	20,214	99.72	56	0.28	-	-	-	-	-	-	-	-
Simada .....	46,841	99.59	-	-	62	0.13	65	0.14	65	0.14	-	-
Estie .....	61,702	97.19	685	1.08	835	1.32	267	0.42	-	-	-	-
Dera.....	43,237	99.68	139	0.32	-	-	-	-	-	-	-	-
North Wollo Zone.....	270,259	87.84	33,822	10.99	3,204	1.04	298	0.10	-	-	86	0.03
Bugna.....	44,111	94.42	2,497	5.35	108	0.23	-	-	-	-	-	-
Kobo.....	35,582	85.80	5,684	13.71	156	0.38	50	0.12	-	-	-	-
Gidan.....	34,293	99.23	267	0.77	-	-	-	-	-	-	-	-
Meket .....	45,890	95.39	1,975	4.11	242	0.50	-	-	-	-	-	-
Wadala .....	26,105	97.91	556	2.09	-	-	-	-	-	-	-	-
Dawutna Delanta.....	35,559	99.02	247	0.69	104	0.29	-	-	-	-	-	-
Guba Lafto .....	27,060	76.01	7,900	22.19	597	1.68	-	-	-	-	43	0.12
Habru .....	21,661	56.05	14,696	38.03	1,997	5.17	248	0.64	-	-	43	0.11
South Wollo Zone.....	328,680	66.82	138,096	28.08	21,424	4.36	3,124	0.64	286	0.06	250	0.05
Mekdela .....	27,336	88.95	3,218	10.47	109	0.35	-	-	68	0.22	-	-
Tenta .....	27,812	78.43	7,102	20.03	546	1.54	-	-	-	-	-	-
Kutaber.....	9,192	42.45	11,227	51.85	1,155	5.33	78	0.36	-	-	-	-
Ambasel.....	14,806	56.16	10,694	40.56	831	3.15	34	0.13	-	-	-	-
Tehuledere .....	6,979	29.48	13,069	55.21	3,045	12.86	549	2.32	29	0.12	-	-
Werebabu.....	4,419	20.79	10,761	50.62	4,906	23.08	932	4.38	189	0.89	53	0.25
Kalu.....	11,084	28.29	20,982	53.56	6,213	15.86	855	2.18	-	-	43	0.11
Dessie Zuria.....	27,881	42.94	33,104	50.98	3,236	4.98	559	0.86	-	-	154	0.24
Legambo .....	27,156	76.29	8,021	22.53	377	1.06	44	0.12	-	-	-	-
Sayint .....	42,888	95.62	1,827	4.07	138	0.31	-	-	-	-	-	-
Debresina .....	36,136	98.54	496	1.35	41	0.11	-	-	-	-	-	-
Kelala .....	26,075	87.14	3,622	12.10	186	0.62	41	0.14	-	-	-	-
Jama .....	19,641	78.35	5,255	20.96	139	0.55	33	0.13	-	-	-	-
Were Ilu .....	21,146	71.16	8,099	27.26	470	1.58	-	-	-	-	-	-
Wegde .....	26,126	97.56	620	2.32	33	0.12	-	-	-	-	-	-
North Shewa (Amhara) Zone .....	316,943	93.56	19,396	5.73	1,897	0.56	392	0.12	113	0.03	22	0.01
Middana Weremo .....	15,038	90.31	1,565	9.40	49	0.29	-	-	-	-	-	-
Merhabete .....	22,303	96.82	673	2.92	59	0.26	-	-	-	-	-	-
Insarona Wayu.....	22,759	92.81	1,044	4.26	465	1.90	219	0.89	36	0.15	-	-
Moretna Jiru.....	16,119	93.23	1,101	6.37	69	0.40	-	-	-	-	-	-



Table 8.4B: - Number of Crop Holders that Owned Hoe by Geographic Area. (Continued.)

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	%
North Shewa (Amhara) Zone .....												
Gera Keya .....	26,144	95.88	1,124	4.12	-	-	-	-	-	-	-	-
Geshe .....	10,291	87.95	1,393	11.90	17	0.15	-	-	-	-	-	-
Antsokiya Gemza .....	10,476	80.68	2,434	18.74	75	0.58	-	-	-	-	-	-
Efratana Gidim .....	18,143	96.91	578	3.09	-	-	-	-	-	-	-	-
Lalo Midir .....	23,598	99.23	182	0.77	-	-	-	-	-	-	-	-
Mojana Wadera .....	14,915	99.51	74	0.49	-	-	-	-	-	-	-	-
Tarma Ber .....	16,640	97.03	471	2.75	39	0.23	-	-	-	-	-	-
Kewet .....	20,149	98.77	250	1.23	-	-	-	-	-	-	-	-
Asagirt .....	9,135	94.91	469	4.87	21	0.22	-	-	-	-	-	-
Angolelana Tera .....	14,500	97.12	395	2.65	35	0.23	-	-	-	-	-	-
Ankober .....	15,248	96.30	586	3.70	-	-	-	-	-	-	-	-
Hagere Mariam .....	6,717	63.05	2,994	28.10	737	6.92	129	1.21	77	0.72	-	-
Berehet .....	4,100	75.73	1,053	19.45	217	4.01	44	0.81	-	-	-	-
Minjarna Shenkora .....	20,391	88.97	2,393	10.44	114	0.50	-	-	-	-	22	0.10
Basona Werana .....	30,279	98.01	615	1.99	-	-	-	-	-	-	-	-
East Gojam Zone .....	342,743	90.86	19,133	5.07	9,967	2.64	3,647	0.97	1,179	0.31	539	0.14
Bibugn .....	14,588	71.58	1,926	9.45	2,247	11.03	1,103	5.41	325	1.59	191	0.94
Hulet Ej Enese .....	40,777	95.00	992	2.31	842	1.96	195	0.45	116	0.27	-	-
Goncha Siso Enese .....	21,968	82.49	2,644	9.93	1,566	5.88	329	1.24	87	0.33	37	0.14
Enbise Sar Midir .....	20,328	77.46	3,460	13.18	1,968	7.50	389	1.48	67	0.26	32	0.12
Enarj Enawga .....	29,938	95.32	1,346	4.29	124	0.39	-	-	-	-	-	-
Enemay .....	23,178	88.11	2,370	9.01	560	2.13	199	0.76	-	-	-	-
Debay Telatgen .....	23,426	96.87	756	3.13	-	-	-	-	-	-	-	-
Machakel .....	34,835	90.64	1,993	5.19	1,121	2.92	277	0.72	103	0.27	103	0.27
Guzamn .....	39,192	91.54	1,886	4.41	722	1.69	669	1.56	259	0.60	86	0.20
Baso Liben .....	25,282	96.90	180	0.69	180	0.69	210	0.80	150	0.57	90	0.34
Awabel .....	31,561	98.29	299	0.93	165	0.51	43	0.13	43	0.13	-	-
Dejen .....	19,603	96.72	241	1.19	282	1.39	113	0.56	28	0.14	-	-
Shebel Berenta .....	18,070	93.05	1,040	5.36	190	0.98	119	0.61	-	-	-	-
West Gojam Zone .....	324,496	87.29	25,879	6.96	12,515	3.37	5,722	1.54	1,805	0.49	1,346	0.36
Achefer .....	47,563	99.11	367	0.76	60	0.13	-	-	-	-	-	-
Bahir Dar Zuria .....	44,313	98.96	464	1.04	-	-	-	-	-	-	-	-
Yilman Densa .....	44,389	83.16	1,305	2.44	4,032	7.55	2,481	4.65	677	1.27	494	0.93
Merawi .....	46,291	96.82	1,304	2.73	216	0.45	-	-	-	-	-	-
Sekela .....	25,454	98.85	145	0.56	114	0.44	38	0.15	-	-	-	-
Kuarit .....	28,044	93.44	986	3.29	775	2.58	171	0.57	36	0.12	-	-
Dega Damot .....	28,397	98.67	110	0.38	234	0.81	-	-	40	0.14	-	-
Dembecha .....	17,311	79.06	3,635	16.60	695	3.17	143	0.65	52	0.24	60	0.27
Jabi Tehnan .....	23,643	66.42	7,316	20.55	2,909	8.17	1,132	3.18	499	1.40	97	0.27
Bure Wemberma .....	19,091	53.37	10,249	28.65	3,480	9.73	1,756	4.91	501	1.40	695	1.94
Waghamra Zone .....	67,852	89.69	6,767	8.94	852	1.13	146	0.19	37	0.05	-	-
Zikuala .....	11,049	83.04	1,792	13.47	352	2.65	75	0.56	37	0.28	-	-
Sekota .....	33,326	98.77	266	0.79	148	0.44	-	-	-	-	-	-
Dehana .....	23,479	82.07	4,709	16.46	352	1.23	70	0.24	-	-	-	-
Awı Zone .....	132,691	86.88	12,106	7.93	4,473	2.93	1,762	1.15	1,068	0.70	623	0.41
Dangela .....	31,372	92.28	2,151	6.33	429	1.26	-	-	45	0.13	-	-
Banja .....	24,133	93.08	1,318	5.08	405	1.56	71	0.27	-	-	-	-
Ankesha .....	29,398	77.25	4,287	11.26	2,120	5.57	1,197	3.15	669	1.76	385	1.01
Guangua .....	24,687	78.94	3,981	12.73	1,519	4.86	495	1.58	353	1.13	238	0.76
Faggeta Lekoma .....	23,103	98.43	368	1.57	-	-	-	-	-	-	-	-
Oromia Zone .....	38,700	53.26	26,475	36.44	5,866	8.07	1,452	2.00	87	0.12	83	0.11
Chefe Golana Dawe Rahimedo .....	12,403	41.24	15,259	50.74	2,150	7.15	263	0.87	-	-	-	-
Bati .....	5,720	35.07	5,898	36.16	3,347	20.52	1,189	7.29	72	0.44	83	0.51
Jile Tsumiga .....	9,094	76.82	2,552	21.56	176	1.49	-	-	16	0.14	-	-
Artuma Fursi .....	11,485	79.52	2,765	19.15	192	1.33	-	-	-	-	-	-



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	%
Amhara Region.....	2,901,787	97.07	54,303	1.82	23,687	0.79	6,773	0.23	2,132	0.07	672	0.02
North Gondar Zone.....	399,693	93.65	16,147	3.78	8,061	1.89	2,234	0.52	429	0.10	234	0.05
Addi Arkay.....	21,250	88.57	1,290	5.38	679	2.83	773	3.22	-	-	-	-
Beyeda.....	17,285	98.56	252	1.44	-	-	-	-	-	-	-	-
Janamora.....	26,028	89.19	2,841	9.73	281	0.96	34	0.12	-	-	-	-
Debark.....	17,576	81.78	2,363	10.99	1,389	6.46	134	0.62	30	0.14	-	-
Dabat.....	23,933	97.38	592	2.41	53	0.22	-	-	-	-	-	-
Sanja.....	23,383	95.35	695	2.83	336	1.37	-	-	81	0.33	28	0.11
Lay Armacheho.....	20,624	82.58	3,047	12.20	1,096	4.39	155	0.62	-	-	53	0.21
Wegera.....	36,285	97.92	772	2.08	-	-	-	-	-	-	-	-
Gondar Zuria.....	36,688	94.18	1,091	2.80	852	2.19	269	0.69	-	-	57	0.15
Dembia.....	39,090	94.71	639	1.55	1,241	3.01	239	0.58	63	0.15	-	-
Chilga.....	29,863	92.50	1,223	3.79	821	2.54	171	0.53	177	0.55	31	0.10
Metema.....	10,061	99.10	66	0.65	25	0.25	-	-	-	-	-	-
Quara.....	9,267	98.57	106	1.13	28	0.30	-	-	-	-	-	-
Alefa.....	43,795	94.70	790	1.71	1,133	2.45	460	0.99	-	-	66	0.14
Belesa.....	44,564	98.71	380	0.84	127	0.28	-	-	77	0.17	-	-
South Gondar Zone.....	355,035	94.87	9,917	2.65	6,317	1.69	1,899	0.51	931	0.25	153	0.04
Ebenat.....	40,822	97.27	1,007	2.40	140	0.33	-	-	-	-	-	-
Kemekem.....	30,021	97.52	335	1.09	325	1.06	35	0.11	35	0.11	35	0.11
Fogera.....	40,138	99.37	106	0.26	149	0.37	-	-	-	-	-	-
Farta.....	42,801	89.85	1,108	2.33	2,360	4.95	1,116	2.34	130	0.27	119	0.25
Lay Gayint.....	31,859	81.06	5,084	12.94	1,880	4.78	410	1.04	70	0.18	-	-
Tach Gayint.....	20,218	99.74	52	0.26	-	-	-	-	-	-	-	-
Simada.....	46,903	99.72	-	-	65	0.14	-	-	65	0.14	-	-
Estie.....	58,960	92.87	2,163	3.41	1,398	2.20	338	0.53	630	0.99	-	-
Dera.....	43,314	99.86	62	0.14	-	-	-	-	-	-	-	-
North Wollo Zone.....	303,954	98.79	3,196	1.04	401	0.13	118	0.04	-	-	-	-
Bugna.....	46,535	99.61	83	0.18	98	0.21	-	-	-	-	-	-
Kobo.....	41,367	99.75	58	0.14	47	0.11	-	-	-	-	-	-
Gidan.....	33,728	97.59	793	2.29	39	0.11	-	-	-	-	-	-
Meket.....	48,012	99.80	45	0.09	-	-	50	0.10	-	-	-	-
Wadala.....	26,416	99.08	176	0.66	-	-	69	0.26	-	-	-	-
Dawutna Delanta.....	35,808	99.72	102	0.28	-	-	-	-	-	-	-	-
Guba Lafto.....	35,154	98.75	359	1.01	87	0.24	-	-	-	-	-	-
Habru.....	36,935	95.58	1,581	4.09	129	0.33	-	-	-	-	-	-
South Wollo Zone.....	487,199	99.05	4,368	0.89	263	0.05	30	0.01	-	-	-	-
Mekdela.....	30,565	99.46	166	0.54	-	-	-	-	-	-	-	-
Tenta.....	34,936	98.52	524	1.48	-	-	-	-	-	-	-	-
Kutaber.....	20,914	96.59	713	3.29	25	0.12	-	-	-	-	-	-
Ambasel.....	25,874	98.14	431	1.63	60	0.23	-	-	-	-	-	-
Tehuledere.....	23,248	98.21	405	1.71	18	0.08	-	-	-	-	-	-
Werebabu.....	21,042	98.97	188	0.88	30	0.14	-	-	-	-	-	-
Kalu.....	38,827	99.11	256	0.65	94	0.24	-	-	-	-	-	-
Dessie Zuria.....	64,045	98.63	889	1.37	-	-	-	-	-	-	-	-
Legambo.....	35,553	99.87	45	0.13	-	-	-	-	-	-	-	-
Sayint.....	44,735	99.74	118	0.26	-	-	-	-	-	-	-	-
Debresina.....	36,628	99.88	45	0.12	-	-	-	-	-	-	-	-
Kelala.....	29,878	99.85	46	0.15	-	-	-	-	-	-	-	-
Jama.....	24,740	98.69	293	1.17	35	0.14	-	-	-	-	-	-
Were Ilu.....	29,500	99.28	185	0.62	-	-	30	0.10	-	-	-	-
Wegde.....	26,715	99.76	64	0.24	-	-	-	-	-	-	-	-
North Shewa (Amhara) Zone.....	332,472	98.14	5,129	1.51	1,041	0.31	121	0.04	-	-	-	-
Middana Weremo.....	16,610	99.75	22	0.13	20	0.12	-	-	-	-	-	-
Merhabete.....	22,970	99.72	65	0.28	-	-	-	-	-	-	-	-
Insarona Wayu.....	23,943	97.63	280	1.14	300	1.22	-	-	-	-	-	-
Moretna Jiru.....	17,238	99.71	51	0.29	-	-	-	-	-	-	-	-



Table 8.5B: - Number of Crop Holders that Owned 'Mekeskesha' by Geographic Area. (Continued.)

Geographic Area.	Number of Crop Holders that Owned											
	No		One		Two		Three		Four		Five and above	
	'Mekeskesha'		'Mekeskesha'		'Mekeskeshas'		'Mekeskeshas'		'Mekeskeshas'		'Mekeskeshas'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone.....												
Gera Keya .....	26,028	95.45	706	2.59	431	1.58	103	0.38	-	-	-	-
Geshe.....	11,685	99.86	16	0.14	-	-	-	-	-	-	-	-
Antsokiya Gemza.....	12,532	96.51	414	3.19	39	0.30	-	-	-	-	-	-
Efratana Gidim.....	18,571	99.20	126	0.67	24	0.13	-	-	-	-	-	-
Lalo Midir .....	23,780	-	-	-	-	-	-	-	-	-	-	-
Mojana Wadera.....	14,969	99.87	20	0.13	-	-	-	-	-	-	-	-
Tarma Ber .....	17,108	99.76	42	0.24	-	-	-	-	-	-	-	-
Kewet .....	20,182	98.94	173	0.85	44	0.22	-	-	-	-	-	-
Asagirt.....	9,402	97.68	223	2.32	-	-	-	-	-	-	-	-
Angolelana Tera.....	12,809	85.79	1,922	12.87	182	1.22	17	0.11	-	-	-	-
Ankober.....	15,631	98.72	203	1.28	-	-	-	-	-	-	-	-
Hagere Mariam .....	10,580	99.31	74	0.69	-	-	-	-	-	-	-	-
Berehet .....	5,391	99.58	23	0.42	-	-	-	-	-	-	-	-
Minjarna Shenkora.....	22,819	99.56	101	0.44	-	-	-	-	-	-	-	-
Basona Werana .....	30,227	97.84	667	2.16	-	-	-	-	-	-	-	-
East Gojam Zone .....	363,770	96.44	7,923	2.10	3,957	1.05	1,013	0.27	426	0.11	119	0.03
Bibugn.....	18,503	90.79	774	3.80	680	3.34	335	1.64	61	0.30	27	0.13
Hulet Ej Enese .....	42,416	98.82	245	0.57	221	0.51	40	0.09	-	-	-	-
Goncha Siso Enese.....	26,428	99.24	203	0.76	-	-	-	-	-	-	-	-
Enbise Sar Midir.....	26,205	99.85	39	0.15	-	-	-	-	-	-	-	-
Enarj Enawga.....	31,135	99.13	117	0.37	125	0.40	31	0.10	-	-	-	-
Enemay .....	26,168	99.47	139	0.53	-	-	-	-	-	-	-	-
Debay Telatgen.....	16,710	69.10	4,846	20.04	2,196	9.08	283	1.17	123	0.51	24	0.10
Machakel.....	38,163	99.30	108	0.28	45	0.12	58	0.15	58	0.15	-	-
Guzamn.....	41,142	96.09	824	1.92	564	1.32	168	0.39	116	0.27	-	-
Baso Liben .....	25,223	96.67	557	2.13	102	0.39	74	0.28	68	0.26	68	0.26
Awabel .....	32,066	99.86	45	0.14	-	-	-	-	-	-	-	-
Dejen .....	20,194	99.64	25	0.12	24	0.12	24	0.12	-	-	-	-
Shebel Berenta .....	19,419	-	-	-	-	-	-	-	-	-	-	-
West Gojam Zone .....	365,193	98.23	3,113	0.84	2,297	0.62	921	0.25	202	0.05	37	0.01
Achefer.....	47,716	99.43	138	0.29	136	0.28	-	-	-	-	-	-
Bahir Dar Zuria.....	44,469	99.31	60	0.13	143	0.32	105	0.23	-	-	-	-
Yilman Densa .....	53,225	99.71	-	-	78	0.15	75	0.14	-	-	-	-
Merawi .....	47,746	99.86	65	0.14	-	-	-	-	-	-	-	-
Sekela.....	24,920	96.77	360	1.40	279	1.08	119	0.46	73	0.28	-	-
Kuarit .....	29,696	98.95	238	0.79	78	0.26	-	-	-	-	-	-
Dega Damot .....	27,234	94.62	593	2.06	593	2.06	251	0.87	73	0.25	37	0.13
Dembecha .....	19,863	90.72	670	3.06	938	4.28	370	1.69	55	0.25	-	-
Jabi Tehnan.....	35,007	98.35	589	1.65	-	-	-	-	-	-	-	-
Bure Wemberma.....	35,318	98.73	401	1.12	53	0.15	-	-	-	-	-	-
Waghamra Zone.....	74,237	98.13	939	1.24	136	0.18	170	0.22	75	0.10	97	0.13
Zikuala. ....	12,139	91.24	773	5.81	136	1.02	128	0.96	75	0.56	54	0.41
Sekota .....	33,654	99.75	-	-	-	-	43	0.13	-	-	43	0.13
Dehana .....	28,444	99.42	166	0.58	-	-	-	-	-	-	-	-
Awı Zone .....	148,705	97.37	2,661	1.74	1,017	0.67	267	0.17	41	0.03	32	0.02
Dangela. ....	33,604	98.84	226	0.66	83	0.24	43	0.13	41	0.12	-	-
Banja .....	23,871	92.07	1,218	4.70	731	2.82	107	0.41	-	-	-	-
Ankesha.....	37,851	99.46	156	0.41	-	-	49	0.13	-	-	-	-
Guangua .....	30,993	99.10	205	0.66	43	0.14	-	-	-	-	32	0.10
Faggeta Lekoma.....	22,386	95.38	857	3.65	160	0.68	68	0.29	-	-	-	-
Oromia Zone .....	71,526	98.44	910	1.25	198	0.27	-	-	29	0.04	-	-
Chefe Golana Dawe Rahimedo	29,746	98.91	265	0.88	64	0.21	-	-	-	-	-	-
Bati .....	15,756	96.61	456	2.80	97	0.59	-	-	-	-	-	-
Jile Tsumiga.....	11,740	99.17	78	0.66	20	0.17	-	-	-	-	-	-
Artuma Fursi .....	14,285	98.91	111	0.77	17	0.12	-	-	29	0.20	-	-



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	%
Amhara Region.....	1,861,554	62.27	780,685	26.12	257,540	8.62	64,113	2.14	16,620	0.56	8,842	0.30
North Gonder Zone.....	347,365	81.39	67,544	15.83	10,207	2.39	1,210	0.28	365	0.09	107	0.03
Addi Arkay.....	15,479	64.52	6,608	27.54	1,614	6.73	160	0.67	98	0.41	33	0.14
Beyeda.....	12,653	72.15	4,182	23.85	648	3.70	54	0.31	-	-	-	-
Janamora.....	20,612	70.63	6,833	23.41	1,508	5.17	198	0.68	-	-	33	0.11
Debark.....	16,051	74.68	4,880	22.71	466	2.17	68	0.32	27	0.13	-	-
Dabat.....	19,983	81.30	4,456	18.13	110	0.45	29	0.12	-	-	-	-
Sanja.....	17,633	71.90	6,294	25.67	518	2.11	78	0.32	-	-	-	-
Lay Armacheho.....	18,461	73.92	4,676	18.72	1,364	5.46	215	0.86	232	0.93	27	0.11
Wegera.....	29,394	79.32	6,603	17.82	1,060	2.86	-	-	-	-	-	-
Gondar Zuria.....	31,196	80.08	6,836	17.55	873	2.24	52	0.13	-	-	-	-
Dembia.....	37,556	91.00	3,204	7.76	459	1.11	53	0.13	-	-	-	-
Chilga.....	28,947	89.66	2,803	8.68	453	1.40	83	0.26	-	-	-	-
Metema.....	8,530	84.02	1,559	15.36	53	0.52	10	0.10	-	-	-	-
Quara.....	8,139	86.58	1,025	10.90	170	1.81	44	0.47	8	0.09	15	0.16
Alefa.....	43,221	93.46	2,489	5.38	418	0.90	116	0.25	-	-	-	-
Belesa.....	39,509	87.51	5,095	11.29	494	1.09	50	0.11	-	-	-	-
South Gonder Zone.....	310,681	83.01	45,776	12.23	13,117	3.50	3,427	0.92	944	0.25	307	0.08
Ebenat.....	36,652	87.33	4,378	10.43	809	1.93	55	0.13	75	0.18	-	-
Kemekem.....	26,581	86.34	3,093	10.05	866	2.81	246	0.80	-	-	-	-
Fogera.....	37,640	93.18	2,596	6.43	98	0.24	59	0.15	-	-	-	-
Farta.....	34,301	72.01	8,934	18.76	2,496	5.24	1,280	2.69	501	1.05	122	0.26
Lay Gayint.....	26,321	66.97	10,584	26.93	1,935	4.92	411	1.05	52	0.13	-	-
Tach Gayint.....	17,003	83.88	2,652	13.08	434	2.14	155	0.76	26	0.13	-	-
Simada.....	37,148	78.98	6,391	13.59	3,090	6.57	169	0.36	115	0.24	120	0.26
Estie.....	53,829	84.78	5,211	8.21	3,325	5.24	883	1.39	176	0.28	65	0.10
Dera.....	41,206	95.00	1,937	4.47	64	0.15	169	0.39	-	-	-	-
North Wollo Zone.....	105,712	34.36	139,845	45.45	49,890	16.22	9,219	3.00	1,750	0.57	1,253	0.41
Bugna.....	14,930	31.96	22,209	47.54	8,140	17.42	1,381	2.96	-	-	56	0.12
Kobo.....	17,746	42.79	16,961	40.90	5,120	12.35	995	2.40	350	0.84	300	0.72
Gidan.....	5,091	14.73	18,202	52.67	9,070	26.24	1,418	4.10	371	1.07	408	1.18
Meket.....	22,538	46.85	16,134	33.54	6,937	14.42	2,115	4.40	383	0.80	-	-
Wadala.....	9,966	37.38	12,640	47.41	3,462	12.99	497	1.86	96	0.36	-	-
Dawutna Delanta.....	11,517	32.07	16,347	45.52	6,748	18.79	1,115	3.10	136	0.38	47	0.13
Guba Lafto.....	7,758	21.79	19,465	54.68	6,759	18.99	1,236	3.47	260	0.73	122	0.34
Habru.....	16,171	41.84	17,887	46.29	3,653	9.45	461	1.19	153	0.40	320	0.83
South Wollo Zone.....	191,778	38.99	195,141	39.67	74,013	15.05	22,634	4.60	5,854	1.19	2,440	0.50
Mekdela.....	11,089	36.08	13,373	43.52	4,969	16.17	1,050	3.42	250	0.81	-	-
Tenta.....	16,817	47.43	13,789	38.89	4,065	11.46	533	1.50	157	0.44	99	0.28
Kutaber.....	2,179	10.06	8,231	38.01	6,644	30.69	3,316	15.31	845	3.90	437	2.02
Ambasel.....	3,265	12.38	15,083	57.21	5,625	21.34	1,468	5.57	619	2.35	305	1.16
Tehuledere.....	10,080	42.58	6,939	29.31	4,194	17.72	1,829	7.73	356	1.50	273	1.15
Werebabu.....	4,023	18.92	7,778	36.59	6,702	31.52	1,941	9.13	677	3.18	139	0.65
Kalu.....	10,741	27.42	16,250	41.48	8,470	21.62	2,571	6.56	826	2.11	319	0.81
Dessie Zuria.....	26,925	41.47	22,977	35.39	8,650	13.32	4,383	6.75	1,416	2.18	583	0.90
Legambo.....	21,937	61.62	12,885	36.20	576	1.62	200	0.56	-	-	-	-
Sayint.....	6,965	15.53	24,339	54.26	10,803	24.09	2,448	5.46	239	0.53	59	0.13
Debresina.....	18,863	51.44	12,288	33.51	4,236	11.55	982	2.68	207	0.56	97	0.26
Kelala.....	14,224	47.53	10,308	34.45	4,059	13.56	970	3.24	233	0.78	130	0.43
Jama.....	11,475	45.78	11,316	45.14	1,798	7.17	451	1.80	28	0.11	-	-
Were Ilu.....	17,601	59.23	10,967	36.91	1,075	3.62	72	0.24	-	-	-	-
Wegde.....	15,593	58.23	8,620	32.19	2,147	8.02	419	1.56	-	-	-	-
North Shewa (Amhara) Zone.....	75,316	22.23	158,659	46.83	73,717	21.76	20,522	6.06	6,230	1.84	4,319	1.27
Middana Weremo.....	2,188	13.14	8,683	52.14	4,407	26.47	1,122	6.74	112	0.67	140	0.84
Merhabete.....	1,840	7.99	8,406	36.49	8,559	37.16	3,161	13.72	818	3.55	251	1.09
Insarona Wayu.....	9,832	40.09	9,142	37.28	3,486	14.22	1,520	6.20	287	1.17	256	1.04
Moretna Jiru.....	3,283	18.99	6,566	37.98	5,103	29.52	1,673	9.68	487	2.82	177	1.02



Table 8.6B:- Number of Crop Holders that Owned Pick-Axe by Geographic Area. (Continued.)

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	%
North Shewa (Amhara) Zone.....												
Gera Keya .....	5,915	21.69	14,946	54.81	5,193	19.04	902	3.31	277	1.02	35	0.13
Geshe.....	2,253	19.25	7,650	65.38	1,625	13.89	173	1.48	-	-	-	-
Antsokiya Gemza.....	1,977	15.23	6,443	49.62	3,724	28.68	580	4.47	146	1.12	115	0.89
Efratana Gidim.....	2,594	13.86	9,418	50.31	5,348	28.57	871	4.65	236	1.26	254	1.36
Lalo Midir.....	3,702	15.57	14,340	60.30	4,704	19.78	907	3.81	99	0.42	28	0.12
Mojana Wadera.....	2,855	19.05	8,003	53.39	3,416	22.79	514	3.43	146	0.97	55	0.37
Tarma Ber .....	2,420	14.11	6,765	39.45	4,223	24.62	2,074	12.09	1,032	6.02	636	3.71
Kewet .....	6,488	31.81	9,304	45.61	2,948	14.45	656	3.22	431	2.11	572	2.80
Asagirt.....	1,950	20.26	4,816	50.04	1,967	20.44	532	5.53	233	2.42	127	1.32
Angolelana Tera.....	5,594	37.47	7,338	49.15	1,573	10.54	254	1.70	154	1.03	17	0.11
Ankober.....	1,847	11.66	8,578	54.17	4,388	27.71	759	4.79	162	1.02	100	0.63
Hagere Mariam .....	3,352	31.46	4,116	38.63	2,006	18.83	886	8.32	183	1.72	111	1.04
Berehet .....	1,912	35.32	2,265	41.84	933	17.23	180	3.32	70	1.29	54	1.00
Minjarna Shenkora.....	7,794	34.01	6,024	26.28	4,823	21.04	2,155	9.40	1,073	4.68	1,051	4.59
Basona Werana .....	7,524	24.35	15,856	51.32	5,291	17.13	1,601	5.18	283	0.92	339	1.10
East Gojam Zone .....	301,746	79.99	58,382	15.48	13,201	3.50	3,130	0.83	569	0.15	180	0.05
Bibugn.....	19,901	97.65	421	2.07	30	0.15	28	0.14	-	-	-	-
Hulet Ej Enese .....	36,136	84.19	5,647	13.16	1,139	2.65	-	-	-	-	-	-
Goncha Siso Enese.....	21,101	79.23	3,597	13.51	1,338	5.02	483	1.81	112	0.42	-	-
Enbise Sar Midir.....	19,835	75.58	4,954	18.88	1,379	5.25	31	0.12	45	0.17	-	-
Enarj Enawga.....	27,519	87.62	3,427	10.91	462	1.47	-	-	-	-	-	-
Enemay .....	20,256	77.00	5,021	19.09	846	3.22	153	0.58	31	0.12	-	-
Debay Telatgen .....	17,063	70.56	6,352	26.27	593	2.45	174	0.72	-	-	-	-
Machakel .....	33,101	86.13	4,153	10.81	979	2.55	199	0.52	-	-	-	-
Guzamn.....	30,272	70.71	10,295	24.05	1,940	4.53	186	0.43	62	0.14	59	0.14
Baso Liben .....	24,243	92.91	1,140	4.37	287	1.10	316	1.21	33	0.13	73	0.28
Awabel .....	23,328	72.65	6,567	20.45	1,581	4.92	546	1.70	89	0.28	-	-
Dejen .....	12,955	63.92	3,993	19.70	2,136	10.54	962	4.75	197	0.97	24	0.12
Shebel Berenta.....	16,031	82.55	2,815	14.50	494	2.54	54	0.28	-	-	25	0.13
West Gojam Zone .....	331,056	89.05	32,333	8.70	6,557	1.76	1,576	0.42	177	0.05	64	0.02
Achefer.....	42,679	88.93	4,637	9.66	629	1.31	45	0.09	-	-	-	-
Bahir Dar Zuria.....	38,298	85.53	5,638	12.59	614	1.37	173	0.39	54	0.12	-	-
Yilman Densa .....	49,242	92.25	2,939	5.51	673	1.26	460	0.86	-	-	64	0.12
Merawi .....	45,233	94.61	2,465	5.16	113	0.24	-	-	-	-	-	-
Sekela.....	23,181	90.02	2,288	8.89	179	0.70	103	0.40	-	-	-	-
Kuarit .....	24,893	82.94	3,095	10.31	1,566	5.22	458	1.53	-	-	-	-
Dega Damot.....	23,186	80.56	3,020	10.49	2,207	7.67	293	1.02	75	0.26	-	-
Dembecha .....	19,972	91.21	1,924	8.79	-	-	-	-	-	-	-	-
Jabi Tehnan.....	32,371	90.94	2,867	8.05	358	1.01	-	-	-	-	-	-
Bure Wemberma.....	32,001	89.46	3,460	9.67	218	0.61	44	0.12	49	0.14	-	-
Waghamra Zone.....	33,122	43.78	33,846	44.74	7,487	9.90	948	1.25	208	0.27	43	0.06
Zikuala. ....	7,838	58.91	4,648	34.93	701	5.27	64	0.48	54	0.41	-	-
Sekota.....	10,872	32.22	19,043	56.44	3,388	10.04	351	1.04	43	0.13	43	0.13
Dehana .....	14,412	50.37	10,155	35.49	3,399	11.88	533	1.86	111	0.39	-	-
Awii Zone .....	136,241	89.21	15,081	9.87	1,298	0.85	64	0.04	39	0.03	-	-
Dangela. ....	30,105	88.55	3,614	10.63	278	0.82	-	-	-	-	-	-
Banja .....	22,568	87.04	3,210	12.38	149	0.57	-	-	-	-	-	-
Ankessa.....	34,667	91.09	3,064	8.05	325	0.85	-	-	-	-	-	-
Guangua .....	28,456	90.99	2,389	7.64	354	1.13	35	0.11	39	0.12	-	-
Faggeta Lekoma.....	20,447	87.12	2,803	11.94	192	0.82	29	0.12	-	-	-	-
Oromia Zone .....	28,536	39.27	34,079	46.90	8,054	11.08	1,382	1.90	484	0.67	128	0.18
Chefe Golana Dawe Rahimedo	8,596	28.58	16,071	53.44	4,497	14.95	741	2.46	170	0.57	-	-
Bati .....	7,774	47.67	6,288	38.56	1,767	10.83	359	2.20	83	0.51	38	0.23
Jile Tsumiga.....	7,982	67.43	3,348	28.28	328	2.77	81	0.68	47	0.40	52	0.44
Artuma Fursi .....	4,187	28.99	8,372	57.97	1,461	10.12	201	1.39	183	1.27	38	0.26



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	%
Amhara Region.....	677,636	22.67	819,907	27.43	1,078,827	36.09	89,971	3.01	270,899	9.06	52,114	1.74
North Gonder Zone.....	90,482	21.20	143,094	33.53	146,043	34.22	7,665	1.80	34,338	8.05	5,176	1.21
Addi Arkay.....	5,447	22.70	7,322	30.52	8,129	33.88	702	2.93	2,128	8.87	264	1.10
Beyeda.....	5,079	28.96	5,124	29.22	5,513	31.44	227	1.29	1,314	7.49	280	1.60
Janamora.....	7,807	26.75	10,330	35.40	9,085	31.13	284	0.97	1,570	5.38	108	0.37
Debark.....	4,294	19.98	4,273	19.88	10,105	47.02	115	0.54	2,068	9.62	637	2.96
Dabat.....	5,867	23.87	10,090	41.05	6,967	28.35	342	1.39	1,143	4.65	169	0.69
Sanja.....	2,659	10.84	15,445	62.98	5,188	21.16	362	1.48	693	2.83	176	0.72
Lay Armacheho.....	5,976	23.93	5,767	23.09	9,854	39.46	870	3.48	2,021	8.09	487	1.95
Wegera.....	9,217	24.87	12,515	33.77	12,430	33.54	406	1.10	2,394	6.46	95	0.26
Gondar Zuria.....	9,608	24.66	7,113	18.26	15,774	40.49	744	1.91	5,118	13.14	600	1.54
Dembia.....	8,659	20.98	10,590	25.66	15,897	38.52	1,126	2.73	4,194	10.16	806	1.95
Chilga.....	5,816	18.01	14,864	46.04	8,810	27.29	333	1.03	2,174	6.73	289	0.90
Metema.....	1,455	14.33	4,221	41.58	3,819	37.62	45	0.44	477	4.70	135	1.33
Quara.....	1,347	14.33	5,262	55.97	2,426	25.81	142	1.51	204	2.17	20	0.21
Alefa.....	10,228	22.12	15,635	33.81	15,944	34.48	931	2.01	3,275	7.08	231	0.50
Belesa.....	7,022	15.55	14,542	32.21	16,100	35.66	1,038	2.30	5,566	12.33	880	1.95
South Gonder Zone.....	78,454	20.96	92,974	24.84	140,941	37.66	15,357	4.10	39,581	10.58	6,945	1.86
Ebenat.....	8,602	20.50	11,190	26.66	15,415	36.73	1,303	3.10	4,454	10.61	1,005	2.39
Kemekem.....	7,339	23.84	9,250	30.05	10,541	34.24	484	1.57	2,848	9.25	324	1.05
Fogera.....	10,361	25.65	7,861	19.46	14,614	36.18	3,330	8.24	3,480	8.62	747	1.85
Farta.....	9,227	19.37	9,393	19.72	22,005	46.20	2,443	5.13	3,748	7.87	818	1.72
Lay Gayint.....	8,588	21.85	9,676	24.62	14,354	36.52	802	2.04	5,110	13.00	773	1.97
Tach Gayint.....	5,489	27.08	6,390	31.52	5,925	29.23	325	1.60	1,898	9.36	243	1.20
Simada.....	10,255	21.80	17,957	38.18	15,549	33.06	1,443	3.07	1,566	3.33	263	0.56
Estie.....	9,715	15.30	8,737	13.76	26,327	41.47	3,546	5.59	12,756	20.09	2,408	3.79
Dera.....	8,877	20.47	12,520	28.86	16,211	37.37	1,682	3.88	3,720	8.58	366	0.84
North Wollo Zone.....	75,466	24.53	92,681	30.12	105,468	34.28	9,740	3.17	20,308	6.60	4,006	1.30
Bugna.....	12,335	26.40	16,317	34.93	13,491	28.88	2,306	4.94	1,608	3.44	659	1.41
Kobo.....	7,784	18.77	15,009	36.19	12,881	31.06	1,956	4.72	3,437	8.29	405	0.98
Gidan.....	9,709	28.09	7,211	20.87	14,361	41.55	884	2.56	2,145	6.21	250	0.72
Meket.....	10,168	21.14	12,311	25.59	17,487	36.35	1,380	2.87	5,605	11.65	1,156	2.40
Wadala.....	3,855	14.46	7,536	28.27	10,937	41.02	1,163	4.36	2,885	10.82	285	1.07
Dawutna Delanta.....	8,544	23.79	12,495	34.80	12,574	35.02	648	1.80	1,496	4.17	153	0.43
Guba Lafto.....	9,205	25.86	12,860	36.12	10,952	30.76	698	1.96	1,666	4.68	219	0.62
Habru.....	13,865	35.88	8,942	23.14	12,785	33.08	707	1.83	1,466	3.79	880	2.28
South Wollo Zone.....	130,545	26.54	115,435	23.47	190,025	38.63	8,842	1.80	39,398	8.01	7,615	1.55
Mekdela.....	6,274	20.42	10,208	33.22	11,047	35.95	576	1.87	2,401	7.81	225	0.73
Tenta.....	9,816	27.68	4,513	12.73	18,688	52.70	411	1.16	1,708	4.82	324	0.91
Kutaber.....	4,628	21.37	4,539	20.96	9,443	43.61	636	2.94	2,106	9.73	300	1.39
Ambasel.....	6,194	23.49	6,253	23.72	10,034	38.06	414	1.57	2,778	10.54	692	2.62
Tehuledere.....	6,485	27.40	8,966	37.88	6,487	27.40	243	1.03	1,333	5.63	157	0.66
Werebabu.....	5,625	26.46	4,925	23.17	6,104	28.71	326	1.53	2,929	13.78	1,351	6.35
Kalu.....	12,424	31.71	10,556	26.94	12,143	31.00	1,185	3.02	2,299	5.87	570	1.45
Dessie Zuria.....	18,485	28.47	15,678	24.14	24,480	37.70	508	0.78	4,743	7.30	1,040	1.60
Legambo.....	11,717	32.91	5,241	14.72	15,895	44.65	133	0.37	2,441	6.86	171	0.48
Sayint.....	9,377	20.91	6,745	15.04	17,100	38.12	1,769	3.94	7,971	17.77	1,891	4.22
Debresina.....	10,533	28.72	8,922	24.33	13,217	36.04	542	1.48	3,098	8.45	361	0.98
Kelala.....	6,474	21.63	9,696	32.40	10,908	36.45	812	2.71	1,789	5.98	245	0.82
Jama.....	7,815	31.18	6,997	27.91	8,541	34.07	353	1.41	1,170	4.67	192	0.77
Were Ilu.....	8,169	27.49	10,862	36.55	9,096	30.61	184	0.62	1,352	4.55	52	0.17
Wegde.....	6,529	24.38	1,334	4.98	16,841	62.89	752	2.81	1,280	4.78	43	0.16
North Shewa (Amhara) Zone.....	87,775	25.91	118,824	35.08	101,581	29.99	12,041	3.55	14,809	4.37	3,733	1.10
Middana Weremo.....	5,217	31.33	5,836	35.05	3,981	23.91	890	5.34	485	2.91	243	1.46
Merhabete.....	5,190	22.53	4,465	19.38	8,722	37.86	1,159	5.03	2,672	11.60	827	3.59
Insarona Wayu.....	7,485	30.52	7,404	30.19	8,164	33.29	825	3.36	511	2.08	134	0.55
Moretna Jiru.....	3,934	22.75	6,789	39.27	5,423	31.37	719	4.16	242	1.40	182	1.05



Table 8.7B: - Number of Crop Holders that Owned 'Deger' by Geographic Area. (Continued.)

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	%
North Shewa (Amhara) Zone.....												
Gera Keya .....	7,189	26.36	10,556	38.71	7,888	28.93	788	2.89	807	2.96	40	0.15
Geshe.....	3,044	26.01	5,760	49.23	2,318	19.81	173	1.48	343	2.93	63	0.54
Antsokiya Gemza.....	4,558	35.10	5,079	39.11	2,779	21.40	327	2.52	178	1.37	64	0.49
Efratana Gidim.....	4,313	23.04	6,816	36.41	5,324	28.44	938	5.01	999	5.34	331	1.77
Lalo Midir.....	5,963	25.08	8,615	36.23	7,114	29.92	772	3.25	945	3.97	371	1.56
Mojana Wadera.....	4,130	27.55	5,389	35.95	4,524	30.18	587	3.92	239	1.59	120	0.80
Tarma Ber .....	5,125	29.88	5,246	30.59	4,501	26.24	1,137	6.63	645	3.76	496	2.89
Kewet .....	5,677	27.83	2,283	11.19	10,592	51.92	397	1.95	1,334	6.54	116	0.57
Asagirt.....	2,105	21.87	4,793	49.80	2,222	23.09	168	1.75	284	2.95	53	0.55
Angolelana Tera.....	3,137	21.01	7,356	49.27	3,619	24.24	368	2.46	418	2.80	32	0.21
Ankober.....	3,877	24.49	7,813	49.34	3,369	21.28	355	2.24	403	2.55	17	0.11
Hagere Mariam .....	2,511	23.57	4,422	41.51	2,993	28.09	326	3.06	343	3.22	59	0.55
Berehet .....	650	12.01	2,062	38.09	2,076	38.35	153	2.83	443	8.18	30	0.55
Minjarna Shenkora.....	4,576	19.97	7,857	34.28	7,834	34.18	803	3.50	1,682	7.34	168	0.73
Basona Werana .....	9,095	29.44	10,281	33.28	8,139	26.34	1,155	3.74	1,837	5.95	387	1.25
East Gojam Zone .....	72,181	19.14	77,665	20.59	144,627	38.34	18,269	4.84	53,408	14.16	11,058	2.93
Bibugn.....	4,504	22.10	5,785	28.39	7,731	37.93	788	3.87	1,392	6.83	180	0.88
Hulet Ej Enese .....	6,698	15.61	11,019	25.67	19,128	44.56	1,636	3.81	4,165	9.70	276	0.64
Goncha Siso Enese.....	5,054	18.98	7,089	26.62	9,909	37.21	141	0.53	3,909	14.68	529	1.99
Enbise Sar Midir.....	5,788	22.05	9,713	37.01	8,930	34.03	256	0.98	1,463	5.57	94	0.36
Enarj Enawga.....	5,330	16.97	7,684	24.47	12,639	40.24	906	2.88	4,809	15.31	40	0.13
Enemay .....	4,993	18.98	3,521	13.38	10,617	40.36	3,394	12.90	3,476	13.21	306	1.16
Debay Telatgen .....	3,857	15.95	4,058	16.78	8,644	35.75	1,729	7.15	3,713	15.35	2,181	9.02
Machakel .....	5,730	14.91	4,038	10.51	15,438	40.17	515	1.34	11,000	28.62	1,711	4.45
Guzamn .....	6,643	15.52	7,836	18.30	21,024	49.11	729	1.70	6,099	14.25	483	1.13
Baso Liben .....	6,156	23.59	4,771	18.29	9,187	35.21	1,259	4.83	4,020	15.41	699	2.68
Awabel .....	5,606	17.46	5,711	17.79	10,051	31.30	3,360	10.46	4,732	14.74	2,651	8.26
Dejen .....	5,275	26.03	2,276	11.23	5,077	25.05	2,916	14.39	3,102	15.31	1,621	8.00
Shebel Berenta.....	6,551	33.74	4,163	21.44	6,251	32.19	640	3.30	1,526	7.86	288	1.48
West Gojam Zone .....	74,574	20.06	83,855	22.56	150,667	40.53	10,772	2.90	45,015	12.11	6,880	1.85
Achefer.....	9,086	18.93	9,805	20.43	18,317	38.17	1,748	3.64	8,234	17.16	800	1.67
Bahir Dar Zuria.....	10,973	24.51	4,452	9.94	16,055	35.86	1,585	3.54	9,892	22.09	1,820	4.06
Yilman Densa .....	11,717	21.95	14,048	26.32	19,371	36.29	2,150	4.03	5,074	9.51	1,018	1.91
Merawi .....	10,667	22.31	8,663	18.12	21,087	44.10	404	0.84	6,292	13.16	698	1.46
Sekela.....	3,885	15.09	11,046	42.90	9,901	38.45	347	1.35	539	2.09	33	0.13
Kuarit .....	4,704	15.67	11,076	36.91	11,909	39.68	478	1.59	1,677	5.59	168	0.56
Dega Damot .....	5,315	18.47	8,192	28.46	12,939	44.96	375	1.30	1,927	6.70	33	0.11
Dembecha .....	3,478	15.88	2,992	13.66	9,498	43.38	1,087	4.96	4,190	19.14	651	2.97
Jabi Tehnan .....	7,098	19.94	7,789	21.88	16,593	46.61	1,134	3.19	2,591	7.28	391	1.10
Bure Wemberma.....	7,647	21.38	5,792	16.19	14,998	41.93	1,465	4.10	4,600	12.86	1,270	3.55
Waghamra Zone.....	12,889	17.04	22,737	30.05	26,558	35.10	2,514	3.32	7,990	10.56	2,966	3.92
Zikuala. ....	1,813	13.63	2,798	21.03	5,406	40.63	534	4.01	2,207	16.59	547	4.11
Sekota.....	5,880	17.43	11,611	34.41	10,095	29.92	1,425	4.22	3,601	10.67	1,128	3.34
Dehana .....	5,198	18.17	8,328	29.11	11,057	38.65	555	1.94	2,182	7.63	1,290	4.51
Awı Zone .....	35,457	23.22	41,724	27.32	58,987	38.62	2,496	1.63	12,714	8.32	1,345	0.88
Dangela. ....	6,092	17.92	10,229	30.09	13,603	40.01	776	2.28	2,859	8.41	438	1.29
Banja .....	4,432	17.09	5,997	23.13	12,333	47.57	326	1.26	2,476	9.55	363	1.40
Ankesha.....	11,597	30.47	8,352	21.95	13,864	36.43	801	2.10	3,147	8.27	295	0.78
Guangua.....	8,974	28.70	9,438	30.18	9,776	31.26	218	0.70	2,745	8.78	122	0.39
Faggeta Lekoma.....	4,363	18.59	7,708	32.84	9,412	40.10	374	1.59	1,487	6.34	127	0.54
Oromia Zone .....	19,811	27.26	30,917	42.55	13,930	19.17	2,276	3.13	3,339	4.60	2,390	3.29
Chefe Golana Dawe Rahimedo .....	9,537	31.71	11,907	39.59	6,649	22.11	789	2.62	989	3.29	204	0.68
Bati .....	3,791	23.24	4,227	25.92	3,564	21.85	1,021	6.26	1,866	11.44	1,840	11.28
Jile Tsumiga.....	2,410	20.36	7,984	67.44	1,019	8.61	264	2.23	120	1.01	41	0.35
Artuma Fursi.....	4,075	28.22	6,798	47.07	2,698	18.68	202	1.40	364	2.52	305	2.11



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	%
Amhara Region.....	692,144	23.15	1,175,981	39.34	831,605	27.82	195,032	6.52	67,703	2.26	26,889	0.90
North Gondar Zone.....	91,066	21.34	167,654	39.28	122,030	28.59	29,385	6.88	11,493	2.69	5,170	1.21
Addi Arkay.....	5,637	23.50	9,827	40.96	6,422	26.77	1,467	6.11	408	1.70	231	0.96
Beyeda.....	5,081	28.97	5,453	31.09	4,741	27.03	1,343	7.66	543	3.10	376	2.14
Janamora.....	7,693	26.36	9,609	32.93	8,500	29.13	2,181	7.47	908	3.11	293	1.00
Debark.....	4,366	20.31	9,910	46.11	4,794	22.31	1,406	6.54	487	2.27	529	2.46
Dabat.....	6,005	24.43	9,569	38.93	6,000	24.41	1,917	7.80	634	2.58	453	1.84
Sanja.....	3,011	12.28	15,754	64.24	4,887	19.93	533	2.17	249	1.02	89	0.36
Lay Armacheho.....	6,171	24.71	10,290	41.20	6,131	24.55	1,574	6.30	587	2.35	222	0.89
Wegera.....	9,435	25.46	10,980	29.63	11,595	31.29	2,790	7.53	1,723	4.65	534	1.44
Gondar Zuria.....	8,695	22.32	9,584	24.60	13,967	35.85	4,531	11.63	1,169	3.00	1,011	2.60
Dembia.....	7,869	19.07	14,046	34.03	13,566	32.87	3,649	8.84	1,682	4.08	460	1.11
Chilga.....	6,151	19.05	14,776	45.77	8,353	25.87	2,049	6.35	763	2.36	194	0.60
Metema.....	1,820	17.93	6,588	64.89	1,438	14.16	185	1.82	44	0.43	77	0.76
Quara.....	1,400	14.89	6,093	64.81	1,605	17.07	165	1.76	86	0.91	52	0.55
Alefa.....	10,449	22.60	18,721	40.48	14,157	30.61	2,384	5.16	533	1.15	-	-
Belesa.....	7,280	16.12	16,455	36.45	15,874	35.16	3,211	7.11	1,679	3.72	649	1.44
South Gondar Zone.....	78,383	20.94	116,146	31.03	123,085	32.89	39,655	10.60	12,913	3.45	4,070	1.09
Ebenat.....	9,105	21.69	13,561	32.31	14,333	34.15	2,990	7.12	1,723	4.11	257	0.61
Kemekem.....	6,643	21.58	10,396	33.77	9,388	30.49	2,739	8.90	951	3.09	669	2.17
Fogera.....	10,023	24.81	9,293	23.01	13,104	32.44	5,811	14.39	1,736	4.30	426	1.05
Farta.....	9,378	19.69	14,697	30.85	16,966	35.62	5,039	10.58	956	2.01	598	1.26
Lay Gayint.....	8,468	21.55	15,419	39.23	11,048	28.11	2,933	7.46	1,088	2.77	347	0.88
Tach Gayint.....	5,354	26.41	6,981	34.44	6,145	30.32	1,336	6.59	433	2.14	21	0.10
Simada.....	9,833	20.91	18,059	38.40	12,790	27.19	4,713	10.02	1,004	2.13	634	1.35
Estie.....	10,351	16.30	13,577	21.38	24,937	39.28	10,440	16.44	3,643	5.74	541	0.85
Dera.....	9,232	21.28	14,162	32.65	14,375	33.14	3,653	8.42	1,378	3.18	576	1.33
North Wollo Zone.....	76,422	24.84	122,498	39.81	78,240	25.43	19,529	6.35	7,700	2.50	3,280	1.07
Bugna.....	12,625	27.03	16,060	34.38	10,535	22.55	4,100	8.78	2,496	5.34	900	1.93
Kobo.....	7,820	18.86	20,322	49.00	9,574	23.09	2,651	6.39	827	1.99	278	0.67
Gidan.....	9,656	27.94	12,541	36.29	8,843	25.59	2,500	7.23	616	1.78	404	1.17
Meket.....	10,023	20.83	15,210	31.62	16,690	34.69	3,670	7.63	1,604	3.33	910	1.89
Wadala.....	3,951	14.82	9,836	36.89	9,734	36.51	2,134	8.00	747	2.80	259	0.97
Dawutna Delanta.....	8,704	24.24	14,309	39.85	10,374	28.89	1,671	4.65	663	1.85	189	0.53
Guba Lafto.....	9,354	26.28	15,151	42.56	8,681	24.38	1,692	4.75	479	1.35	243	0.68
Habru.....	14,292	36.98	19,068	49.34	3,809	9.86	1,111	2.87	268	0.69	97	0.25
South Wollo Zone.....	133,886	27.22	216,736	44.06	106,164	21.58	23,264	4.73	7,767	1.58	4,043	0.82
Mekdela.....	6,252	20.34	16,632	54.12	6,403	20.84	908	2.95	465	1.51	71	0.23
Tenta.....	10,048	28.34	17,713	49.95	6,138	17.31	1,094	3.09	235	0.66	232	0.65
Kutaber.....	4,781	22.08	8,980	41.47	5,375	24.82	1,593	7.36	547	2.53	376	1.74
Ambasel.....	6,277	23.81	10,994	41.70	6,105	23.16	1,813	6.88	789	2.99	387	1.47
Tehuledere.....	6,601	27.89	12,243	51.72	3,818	16.13	756	3.19	179	0.76	74	0.31
Werebabu.....	6,138	28.87	9,179	43.17	4,187	19.69	1,074	5.05	364	1.71	318	1.50
Kalu.....	12,718	32.46	18,751	47.86	5,903	15.07	1,063	2.71	578	1.48	164	0.42
Dessie Zuria.....	18,887	29.09	32,596	50.20	9,830	15.14	2,455	3.78	417	0.64	749	1.15
Legambo.....	11,941	33.54	15,484	43.50	6,085	17.09	1,461	4.10	503	1.41	124	0.35
Sayint.....	9,311	20.76	13,265	29.57	15,761	35.14	4,102	9.15	1,715	3.82	699	1.56
Debresina.....	10,802	29.45	11,210	30.57	11,757	32.06	2,106	5.74	497	1.36	301	0.82
Kelala.....	6,612	22.10	13,459	44.98	7,211	24.10	1,961	6.55	511	1.71	170	0.57
Jama.....	8,153	32.52	11,424	45.57	4,292	17.12	848	3.38	238	0.95	113	0.45
Were Ilu.....	8,522	28.68	16,975	57.13	3,727	12.54	233	0.78	169	0.57	89	0.30
Wegde.....	6,839	25.54	7,832	29.25	9,573	35.75	1,797	6.71	563	2.10	175	0.65
North Shewa (Amhara) Zone.....	89,365	26.38	137,530	40.60	83,605	24.68	18,262	5.39	6,764	2.00	3,237	0.96
Middana Weremo.....	5,113	30.71	7,020	42.16	3,615	21.71	556	3.34	322	1.93	26	0.16
Merhabete.....	5,566	24.16	10,650	46.23	5,172	22.45	907	3.94	451	1.96	289	1.25
Insarona Wayu.....	7,507	30.61	7,958	32.45	7,528	30.70	1,010	4.12	458	1.87	62	0.25
Moretna Jiru.....	4,550	26.32	6,993	40.45	4,856	28.09	534	3.09	285	1.65	71	0.41



Table 8.8B:- Number of Crop Holders that Owned 'Erfe' by Geographic Area. (Continued.)

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	%
North Shewa (Amhara) Zone.....												
Gera Keya .....	7,173	26.31	10,772	39.50	7,390	27.10	1,184	4.34	430	1.58	319	1.17
Geshe.....	3,059	26.14	6,000	51.28	2,173	18.57	358	3.06	64	0.55	47	0.40
Antsokiya Gemza.....	4,579	35.26	5,768	44.42	2,015	15.52	527	4.06	44	0.34	52	0.40
Efratana Gidim.....	4,451	23.78	8,701	46.48	3,722	19.88	1,196	6.39	332	1.77	319	1.70
Lalo Midir.....	6,124	25.75	8,583	36.09	5,933	24.95	2,421	10.18	353	1.48	366	1.54
Mojana Wadera.....	4,170	27.82	4,372	29.17	4,436	29.60	1,523	10.16	361	2.41	127	0.85
Tarma Ber .....	4,997	29.14	6,360	37.08	3,924	22.88	1,088	6.34	624	3.64	157	0.92
Kewet .....	5,683	27.86	10,893	53.40	3,138	15.38	428	2.10	206	1.01	51	0.25
Asagirt.....	2,246	23.34	4,425	45.97	2,434	25.29	376	3.91	107	1.11	37	0.38
Angolelana Tera.....	3,220	21.57	6,012	40.27	4,138	27.72	999	6.69	339	2.27	222	1.49
Ankober.....	3,868	24.43	8,204	51.81	3,074	19.41	575	3.63	96	0.61	17	0.11
Hagere Mariam .....	2,519	23.64	3,886	36.47	2,981	27.98	704	6.61	363	3.41	201	1.89
Berehet .....	686	12.67	2,859	52.81	1,446	26.71	321	5.93	88	1.63	14	0.26
Minjarna Shenkora.....	4,710	20.55	7,458	32.54	7,450	32.50	1,640	7.16	1,090	4.76	572	2.50
Basona Werana .....	9,141	29.59	10,617	34.37	8,182	26.48	1,916	6.20	749	2.42	289	0.94
East Gojam Zone .....	75,143	19.92	139,248	36.92	124,921	33.12	28,416	7.53	7,361	1.95	2,119	0.56
Bibugn.....	4,975	24.41	9,657	47.38	5,267	25.84	405	1.99	29	0.14	47	0.23
Hulet Ej Enese .....	7,066	16.46	17,893	41.69	14,708	34.27	2,383	5.55	710	1.65	162	0.38
Goncha Siso Enese.....	5,328	20.01	10,855	40.76	8,347	31.34	1,488	5.59	438	1.64	175	0.66
Enbise Sar Midir.....	5,611	21.38	11,745	44.75	7,386	28.14	1,054	4.02	307	1.17	141	0.54
Enarj Enawga.....	5,893	18.76	11,481	36.55	11,691	37.22	1,755	5.59	415	1.32	173	0.55
Enemay .....	5,098	19.38	6,767	25.72	9,814	37.31	3,729	14.17	781	2.97	118	0.45
Debay Telatgen .....	3,955	16.36	10,125	41.87	6,497	26.87	2,762	11.42	625	2.58	218	0.90
Machakel .....	6,204	16.14	14,399	37.47	14,781	38.46	2,066	5.38	935	2.43	47	0.12
Guzamn .....	7,156	16.71	19,621	45.83	13,381	31.25	1,962	4.58	633	1.48	61	0.14
Baso Liben .....	6,125	23.47	8,261	31.66	9,005	34.51	2,220	8.51	270	1.03	211	0.81
Awabel .....	5,805	18.08	8,497	26.46	12,300	38.30	4,150	12.92	867	2.70	492	1.53
Dejen .....	5,166	25.49	4,390	21.66	5,993	29.57	3,461	17.08	1,012	4.99	245	1.21
Shebel Berenta.....	6,761	34.82	5,558	28.62	5,752	29.62	980	5.05	338	1.74	30	0.15
West Gojam Zone .....	77,748	20.91	135,336	36.40	125,418	33.74	23,161	6.23	7,849	2.11	2,251	0.61
Achefer.....	9,523	19.84	14,981	31.22	17,064	35.56	4,267	8.89	1,720	3.58	435	0.91
Bahir Dar Zuria.....	11,337	25.32	9,159	20.45	14,855	33.18	6,491	14.50	2,124	4.74	811	1.81
Yilman Densa .....	13,020	24.39	17,541	32.86	18,814	35.25	3,297	6.18	498	0.93	208	0.39
Merawi .....	10,427	21.81	15,622	32.67	17,662	36.94	2,849	5.96	1,002	2.10	249	0.52
Sekela.....	4,032	15.66	12,830	49.82	8,003	31.08	599	2.33	287	1.11	-	-
Kuarit .....	5,084	16.94	14,907	49.67	8,489	28.29	901	3.00	496	1.65	135	0.45
Dega Damot .....	6,179	21.47	15,520	53.92	6,245	21.70	719	2.50	80	0.28	38	0.13
Dembecha .....	3,731	17.04	6,755	30.85	9,325	42.59	1,469	6.71	560	2.56	56	0.26
Jabi Tehnan .....	7,286	20.47	14,240	40.00	12,218	34.32	1,198	3.37	458	1.29	196	0.55
Bure Wemberma.....	7,129	19.93	13,783	38.53	12,742	35.62	1,371	3.83	625	1.75	122	0.34
Waghamra Zone.....	13,501	17.85	29,368	38.82	21,186	28.00	7,749	10.24	2,943	3.89	907	1.20
Zikuala. ....	2,001	15.04	5,181	38.94	3,863	29.03	1,263	9.49	730	5.49	267	2.01
Sekota.....	6,121	18.14	11,959	35.44	9,996	29.63	4,157	12.32	1,079	3.20	428	1.27
Dehana .....	5,381	18.81	12,228	42.74	7,327	25.61	2,328	8.14	1,134	3.96	212	0.74
Awii Zone .....	36,417	23.85	70,692	46.29	39,807	26.06	3,770	2.47	1,642	1.08	395	0.26
Dangela. ....	6,116	17.99	14,205	41.78	11,573	34.04	1,239	3.64	653	1.92	211	0.62
Banja .....	4,628	17.85	13,992	53.97	6,388	24.64	882	3.40	37	0.14	-	-
Ankesha.....	11,854	31.15	16,347	42.96	8,502	22.34	806	2.12	547	1.44	-	-
Guangua .....	9,479	30.31	14,357	45.91	6,809	21.77	392	1.25	119	0.38	117	0.37
Faggeta Lekoma.....	4,341	18.50	11,790	50.23	6,536	27.85	450	1.92	287	1.22	67	0.29
Oromia Zone .....	20,216	27.82	40,773	56.11	7,148	9.84	1,841	2.53	1,270	1.75	1,415	1.95
Chefe Golana Dawe Rahimedo	9,621	31.99	16,405	54.55	3,051	10.14	611	2.03	324	1.08	63	0.21
Bati .....	3,833	23.50	7,742	47.47	2,307	14.15	733	4.49	513	3.15	1,181	7.24
Jile Tsumiga.....	2,417	20.42	7,980	67.41	935	7.90	306	2.58	130	1.10	70	0.59
Artuma Fursi .....	4,344	30.08	8,646	59.87	856	5.93	191	1.32	303	2.10	102	0.71



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	%
Amhara Region.....	660,120	22.08	1,075,000	35.96	931,619	31.16	237,458	7.94	63,646	2.13	21,511	0.72
North Gondar Zone.....	86,559	20.28	180,574	42.31	128,222	30.04	23,581	5.53	5,825	1.36	2,037	0.48
Addi Arkay.....	5,323	22.19	11,236	46.83	6,425	26.78	747	3.11	236	0.98	25	0.10
Beyeda.....	4,906	27.98	5,837	33.28	5,339	30.44	1,038	5.92	322	1.84	95	0.54
Janamora.....	7,301	25.02	11,768	40.32	8,395	28.77	1,338	4.58	309	1.06	73	0.25
Debark.....	4,242	19.74	11,113	51.71	4,822	22.44	962	4.48	230	1.07	123	0.57
Dabat.....	5,260	21.40	11,253	45.78	6,209	25.26	1,155	4.70	536	2.18	165	0.67
Sanja.....	2,452	10.00	16,808	68.54	4,939	20.14	296	1.21	-	-	28	0.11
Lay Armacheho.....	6,098	24.42	11,105	44.46	6,061	24.27	1,209	4.84	242	0.97	260	1.04
Wegera.....	8,511	22.97	13,044	35.20	12,208	32.94	2,437	6.58	542	1.46	315	0.85
Gondar Zuria.....	9,143	23.47	10,130	26.00	14,238	36.55	4,124	10.59	930	2.39	392	1.01
Dembia.....	8,015	19.42	13,242	32.08	14,877	36.05	3,835	9.29	1,041	2.52	262	0.63
Chilga.....	5,700	17.65	15,498	48.00	9,337	28.92	1,495	4.63	160	0.50	96	0.30
Metema.....	1,419	13.98	6,804	67.02	1,717	16.91	129	1.27	34	0.33	49	0.48
Quara.....	1,285	13.67	6,134	65.25	1,881	20.01	68	0.72	13	0.14	20	0.21
Alefa.....	10,261	22.19	17,209	37.21	15,328	33.15	2,518	5.45	793	1.71	135	0.29
Belesa.....	6,644	14.72	19,392	42.95	16,446	36.43	2,228	4.93	438	0.97	-	-
South Gondar Zone.....	74,818	19.99	104,326	27.88	131,649	35.18	48,017	12.83	11,127	2.97	4,315	1.15
Ebenat.....	8,186	19.50	14,392	34.29	15,480	36.88	3,038	7.24	588	1.40	285	0.68
Kemekem.....	6,806	22.11	10,625	34.51	10,123	32.88	2,709	8.80	442	1.44	81	0.26
Fogera.....	9,554	23.65	6,711	16.61	15,649	38.74	6,625	16.40	1,264	3.13	590	1.46
Farta.....	9,773	20.52	11,908	25.00	17,360	36.44	5,967	12.53	1,771	3.72	855	1.79
Lay Gayint.....	8,283	21.07	15,728	40.02	11,825	30.09	2,684	6.83	383	0.97	400	1.02
Tach Gayint.....	5,280	26.05	7,692	37.95	5,906	29.14	1,117	5.51	190	0.94	85	0.42
Simada.....	9,204	19.57	16,888	35.91	13,891	29.53	4,826	10.26	1,594	3.39	630	1.34
Estie.....	9,350	14.73	9,971	15.71	25,043	39.44	14,690	23.14	3,334	5.25	1,101	1.73
Dera.....	8,383	19.33	10,410	24.00	16,373	37.75	6,361	14.66	1,560	3.60	289	0.67
North Wollo Zone.....	72,068	23.42	132,377	43.03	84,368	27.42	13,931	4.53	3,839	1.25	1,086	0.35
Bugna.....	11,691	25.03	17,175	36.76	14,053	30.08	2,926	6.26	679	1.45	192	0.41
Kobo.....	7,448	17.96	24,040	57.97	8,904	21.47	969	2.34	52	0.13	59	0.14
Gidan.....	9,483	27.44	14,203	41.10	8,954	25.91	1,637	4.74	181	0.52	102	0.30
Meket.....	9,098	18.91	17,548	36.48	17,172	35.70	2,646	5.50	1,255	2.61	388	0.81
Wadala.....	3,791	14.22	8,722	32.71	11,033	41.38	2,091	7.84	822	3.08	202	0.76
Dawutna Delanta.....	8,136	22.66	12,828	35.72	12,126	33.77	2,103	5.86	574	1.60	143	0.40
Guba Lafto.....	8,632	24.25	17,428	48.96	8,238	23.14	1,026	2.88	276	0.78	-	-
Habru.....	13,792	35.69	20,432	52.87	3,888	10.06	533	1.38	-	-	-	-
South Wollo Zone.....	129,291	26.29	207,980	42.28	125,882	25.59	21,712	4.41	4,917	1.00	2,078	0.42
Mekdela.....	6,269	20.40	16,539	53.82	6,986	22.73	731	2.38	159	0.52	47	0.15
Tenta.....	9,957	28.08	17,775	50.13	6,712	18.93	830	2.34	186	0.52	-	-
Kutaber.....	4,617	21.32	10,027	46.31	5,226	24.14	1,346	6.22	231	1.07	205	0.95
Ambasel.....	6,087	23.09	11,637	44.14	6,391	24.24	1,890	7.17	326	1.24	34	0.13
Tehuledere.....	6,142	25.95	12,073	51.00	4,584	19.37	654	2.76	218	0.92	-	-
Werebabu.....	5,587	26.28	11,094	52.18	3,790	17.83	429	2.02	299	1.41	61	0.29
Kalu.....	12,451	31.78	18,268	46.63	6,753	17.24	1,222	3.12	383	0.98	100	0.26
Dessie Zuria.....	18,462	28.43	26,910	41.44	14,837	22.85	2,964	4.56	756	1.16	1,005	1.55
Legambo.....	11,458	32.19	14,705	41.31	7,987	22.44	1,155	3.24	241	0.68	52	0.15
Sayint.....	9,259	20.64	16,367	36.49	14,702	32.78	3,868	8.62	544	1.21	113	0.25
Debresina.....	10,415	28.40	10,146	27.67	13,113	35.76	2,220	6.05	523	1.43	256	0.70
Kelala.....	6,523	21.80	13,226	44.20	8,665	28.96	1,159	3.87	279	0.93	72	0.24
Jama.....	7,467	29.79	6,875	27.43	9,086	36.25	1,152	4.60	420	1.68	68	0.27
Were Ilu.....	8,109	27.29	13,611	45.81	6,749	22.71	987	3.32	259	0.87	-	-
Wegde.....	6,489	24.23	8,725	32.58	10,301	38.47	1,105	4.13	93	0.35	66	0.25
North Shewa (Amhara) Zone.....	86,173	25.44	128,398	37.90	97,923	28.91	18,599	5.49	5,640	1.66	2,030	0.60
Middana Weremo.....	5,180	31.11	6,163	37.01	4,737	28.45	360	2.16	157	0.94	55	0.33
Merhabete.....	5,184	22.50	11,091	48.15	5,684	24.68	822	3.57	179	0.78	75	0.33
Insarona Wayu.....	7,020	28.63	6,005	24.49	8,478	34.57	1,792	7.31	996	4.06	232	0.95
Moretna Jiru.....	3,906	22.59	7,228	41.81	5,140	29.73	836	4.84	157	0.91	22	0.13



Table 8.9B:- Number of Crop Holders that Owned Plough-Beam by Geographic Area. (Continued.)

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	%
North Shewa (Amhara) Zone.....												
Gera Keya .....	7,117	26.10	8,209	30.10	9,327	34.20	1,721	6.31	626	2.30	268	0.98
Geshe.....	3,033	25.92	5,229	44.69	2,934	25.07	461	3.94	31	0.26	13	0.11
Antsokiya Gemza.....	4,626	35.63	5,159	39.73	2,829	21.79	317	2.44	54	0.42	-	-
Efratana Gidim.....	4,309	23.02	8,809	47.05	4,634	24.75	536	2.86	244	1.30	189	1.01
Lalo Midir.....	5,871	24.69	7,343	30.88	8,135	34.21	1,853	7.79	398	1.67	180	0.76
Mojana Wadera.....	3,854	25.71	3,843	25.64	5,204	34.72	1,683	11.23	256	1.71	149	0.99
Tarma Ber .....	5,051	29.45	6,521	38.02	4,433	25.85	914	5.33	193	1.13	38	0.22
Kewet .....	5,599	27.45	10,616	52.04	3,737	18.32	374	1.83	48	0.24	25	0.12
Asagirt.....	2,095	21.77	4,267	44.33	2,634	27.37	498	5.17	107	1.11	24	0.25
Angolelana Tera.....	3,033	20.31	5,312	35.58	4,991	33.43	1,035	6.93	348	2.33	211	1.41
Ankober.....	3,860	24.38	7,996	50.50	3,270	20.65	603	3.81	44	0.28	61	0.39
Hagere Mariam .....	2,474	23.22	3,532	33.15	3,328	31.24	923	8.66	325	3.05	72	0.68
Berehet .....	620	11.45	3,123	57.68	1,428	26.38	212	3.92	17	0.31	14	0.26
Minjarna Shenkora.....	4,517	19.71	8,119	35.42	7,729	33.72	1,437	6.27	884	3.86	234	1.02
Basona Werana .....	8,821	28.55	9,833	31.83	9,272	30.01	2,223	7.20	576	1.86	169	0.55
East Gojam Zone.....	70,219	18.62	101,594	26.93	141,762	37.58	48,833	12.95	11,746	3.11	3,054	0.81
Bibugn.....	4,166	20.44	6,071	29.79	7,581	37.20	2,208	10.83	213	1.05	141	0.69
Hulet Ej Enese .....	6,218	14.49	11,901	27.73	18,471	43.03	4,997	11.64	1,166	2.72	169	0.39
Goncha Siso Enese.....	4,975	18.68	9,106	34.19	8,758	32.89	3,013	11.31	668	2.51	111	0.42
Enbise Sar Midir.....	5,336	20.33	10,752	40.97	8,507	32.42	1,300	4.95	279	1.06	70	0.27
Enarj Enawga.....	5,269	16.78	8,527	27.15	12,952	41.24	3,506	11.16	910	2.90	244	0.78
Enemay .....	4,900	18.63	4,346	16.52	9,475	36.02	5,987	22.76	1,302	4.95	297	1.13
Debay Telatgen .....	3,564	14.74	7,312	30.24	7,171	29.65	4,865	20.12	909	3.76	361	1.49
Machakel .....	5,642	14.68	8,833	22.98	18,661	48.56	3,497	9.10	1,590	4.14	209	0.54
Guzamn .....	6,716	15.69	15,496	36.19	16,208	37.86	3,153	7.36	1,067	2.49	174	0.41
Baso Liben .....	6,172	23.65	5,564	21.32	10,326	39.58	3,273	12.54	551	2.11	206	0.79
Awabel .....	5,614	17.48	6,724	20.94	11,917	37.11	6,259	19.49	1,292	4.02	305	0.95
Dejen .....	5,124	25.28	2,029	10.01	5,530	27.29	5,504	27.16	1,399	6.90	681	3.36
Shebel Berenta.....	6,521	33.58	4,934	25.41	6,205	31.95	1,272	6.55	402	2.07	85	0.44
West Gojam Zone .....	72,811	19.59	82,929	22.31	144,897	38.98	48,954	13.17	15,964	4.29	6,208	1.67
Achefer.....	9,148	19.06	13,018	27.13	18,432	38.41	5,249	10.94	2,003	4.17	140	0.29
Bahir Dar Zuria.....	11,118	24.83	6,208	13.86	14,595	32.59	9,587	21.41	1,869	4.17	1,400	3.13
Yilman Densa.....	11,100	20.80	11,892	22.28	19,774	37.05	8,196	15.35	1,561	2.92	855	1.60
Merawi .....	10,139	21.21	10,794	22.58	19,054	39.85	4,643	9.71	2,738	5.73	443	0.93
Sekela.....	3,827	14.86	8,644	33.57	11,492	44.63	1,471	5.71	279	1.08	38	0.15
Kuarit .....	4,463	14.87	7,450	24.82	12,720	42.38	3,761	12.53	1,050	3.50	568	1.89
Dega Damot .....	5,234	18.19	9,210	32.00	11,779	40.93	2,202	7.65	288	1.00	68	0.24
Dembecha .....	3,444	15.73	4,085	18.66	9,295	42.45	3,158	14.42	1,314	6.00	600	2.74
Jabi Tehnan .....	7,103	19.95	6,078	17.07	15,784	44.34	4,489	12.61	1,707	4.80	435	1.22
Bure Wemberma.....	7,236	20.23	5,550	15.51	11,971	33.46	6,199	17.33	3,155	8.82	1,661	4.64
Waghamra Zone.....	13,094	17.31	37,589	49.69	19,622	25.94	4,020	5.31	1,153	1.52	176	0.23
Zikuala. ....	1,751	13.16	5,991	45.03	4,355	32.73	911	6.85	245	1.84	52	0.39
Sekota.....	6,214	18.42	16,136	47.82	8,456	25.06	2,190	6.49	689	2.04	55	0.16
Dehana .....	5,133	17.94	15,462	54.04	6,810	23.80	918	3.21	219	0.77	68	0.24
Awı Zone.....	35,025	22.93	57,893	37.91	47,826	31.32	8,411	5.51	3,103	2.03	465	0.30
Dangela. ....	6,134	18.04	10,257	30.17	13,345	39.25	2,944	8.66	1,054	3.10	263	0.77
Banja .....	4,465	17.22	10,056	38.79	9,499	36.64	1,480	5.71	317	1.22	110	0.42
Ankesha.....	11,218	29.48	13,452	35.35	9,867	25.93	2,298	6.04	1,221	3.21	-	-
Guangua.....	8,942	28.59	14,665	46.89	7,095	22.69	315	1.01	256	0.82	-	-
Faggeta Lekoma.....	4,265	18.17	9,463	40.32	8,021	34.17	1,374	5.85	256	1.09	92	0.39
Oromia Zone .....	20,058	27.60	41,340	56.89	9,468	13.03	1,402	1.93	332	0.46	63	0.09
Chefe Golana Dawe Rahimedo.....	9,734	32.37	15,308	50.90	4,173	13.88	594	1.98	224	0.74	42	0.14
Bati .....	3,768	23.10	8,957	54.92	2,969	18.20	511	3.13	83	0.51	21	0.13
Jile Tsumiga.....	2,458	20.76	8,245	69.65	1,028	8.68	104	0.88	3	0.03	-	-
Artuma Fursi.....	4,097	28.37	8,830	61.14	1,299	8.99	193	1.34	23	0.16	-	-



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	%
Amhara Region.....	705,920	23.61	1,963,653	65.69	303,518	10.15	13,255	0.44	1,898	0.06	1,110	0.04
North Gonder Zone.....	105,127	24.63	263,515	61.74	54,221	12.70	3,495	0.82	204	0.05	236	0.06
Addi Arkay.....	6,014	25.07	15,020	62.60	2,425	10.11	533	2.22	-	-	-	-
Beyeda.....	6,395	36.47	10,240	58.39	816	4.65	86	0.49	-	-	-	-
Janamora.....	9,893	33.90	16,954	58.09	2,228	7.63	109	0.37	-	-	-	-
Debark.....	4,887	22.74	14,621	68.03	1,838	8.55	120	0.56	26	0.12	-	-
Dabat.....	6,610	26.89	15,934	64.83	1,998	8.13	36	0.15	-	-	-	-
Sanja.....	2,812	11.47	16,190	66.02	4,929	20.10	506	2.06	68	0.28	18	0.07
Lay Armacheho.....	6,792	27.20	16,136	64.61	1,901	7.61	146	0.58	-	-	-	-
Wegera.....	10,913	29.45	21,216	57.25	4,702	12.69	162	0.44	64	0.17	-	-
Gondar Zuria.....	10,616	27.25	22,021	56.53	6,108	15.68	212	0.54	-	-	-	-
Dembia.....	10,291	24.93	24,565	59.52	6,109	14.80	204	0.49	-	-	103	0.25
Chilga.....	7,083	21.94	21,385	66.24	3,668	11.36	150	0.46	-	-	-	-
Metema.....	1,663	16.38	7,046	69.41	1,200	11.82	177	1.74	25	0.25	41	0.40
Quara.....	1,658	17.64	6,533	69.49	1,053	11.20	108	1.15	21	0.22	28	0.30
Alefa.....	12,814	27.71	27,676	59.85	5,685	12.29	69	0.15	-	-	-	-
Belesa.....	6,684	14.80	27,977	61.97	9,562	21.18	878	1.94	-	-	47	0.10
South Gonder Zone.....	81,978	21.90	244,651	65.37	46,248	12.36	1,067	0.29	177	0.05	131	0.04
Ebenat.....	9,581	22.83	26,083	62.15	6,061	14.44	122	0.29	122	0.29	-	-
Kemekem.....	7,354	23.89	19,232	62.47	4,131	13.42	69	0.22	-	-	-	-
Fogera.....	10,440	25.85	20,709	51.27	8,655	21.43	534	1.32	55	0.14	-	-
Farta.....	8,929	18.75	32,506	68.24	6,066	12.73	55	0.12	-	-	78	0.16
Lay Gayint.....	9,690	24.65	26,607	67.70	2,888	7.35	118	0.30	-	-	-	-
Tach Gayint.....	6,049	29.84	13,452	66.36	769	3.79	-	-	-	-	-	-
Simada.....	10,623	22.59	31,905	67.84	4,453	9.47	-	-	-	-	52	0.11
Estie.....	10,199	16.06	43,285	68.18	9,836	15.49	169	0.27	-	-	-	-
Dera.....	9,115	21.01	30,872	71.17	3,389	7.81	-	-	-	-	-	-
North Wollo Zone.....	73,336	23.84	206,330	67.06	26,507	8.62	1,209	0.39	146	0.05	141	0.05
Bugna.....	11,374	24.35	30,507	65.30	4,655	9.96	180	0.39	-	-	-	-
Kobo.....	7,103	17.13	31,897	76.91	2,407	5.80	65	0.16	-	-	-	-
Gidan.....	9,833	28.45	22,517	65.15	1,950	5.64	178	0.52	-	-	82	0.24
Meket.....	9,278	19.29	31,613	65.71	6,672	13.87	484	1.01	-	-	60	0.12
Wadala.....	4,445	16.67	18,339	68.79	3,706	13.90	171	0.64	-	-	-	-
Dawutna Delanta.....	8,671	24.15	23,934	66.65	3,217	8.96	88	0.25	-	-	-	-
Guba Lafto.....	8,748	24.57	24,235	68.08	2,523	7.09	43	0.12	51	0.14	-	-
Habru.....	13,885	35.93	23,288	60.26	1,377	3.56	-	-	95	0.25	-	-
South Wollo Zone.....	132,009	26.84	337,606	68.64	21,276	4.33	795	0.16	174	0.04	-	-
Mekdela.....	6,443	20.97	22,979	74.77	1,210	3.94	47	0.15	52	0.17	-	-
Tenta.....	9,852	27.78	24,035	67.78	1,442	4.07	131	0.37	-	-	-	-
Kutaber.....	4,664	21.54	15,258	70.47	1,603	7.40	100	0.46	27	0.12	-	-
Ambasel.....	6,021	22.84	19,113	72.49	1,201	4.56	30	0.11	-	-	-	-
Tehuledere.....	6,411	27.08	16,435	69.43	763	3.22	62	0.26	-	-	-	-
Werebabu.....	5,817	27.36	13,540	63.69	1,877	8.83	26	0.12	-	-	-	-
Kalu.....	12,306	31.41	25,634	65.43	1,237	3.16	-	-	-	-	-	-
Dessie Zuria.....	19,064	29.36	42,925	66.11	2,789	4.30	156	0.24	-	-	-	-
Legambo.....	11,762	33.04	22,471	63.12	1,313	3.69	-	-	52	0.15	-	-
Sayint.....	9,350	20.85	33,987	75.77	1,516	3.38	-	-	-	-	-	-
Debresina.....	10,655	29.05	24,829	67.70	1,189	3.24	-	-	-	-	-	-
Kelala.....	6,590	22.02	21,050	70.34	2,199	7.35	85	0.28	-	-	-	-
Jama.....	7,614	30.37	16,339	65.18	1,075	4.29	40	0.16	-	-	-	-
Were Ilu.....	8,296	27.92	20,581	69.26	762	2.56	76	0.26	-	-	-	-
Wegde.....	7,161	26.74	18,431	68.83	1,101	4.11	43	0.16	43	0.16	-	-
North Shewa (Amhara) Zone.....	86,701	25.59	211,819	62.53	37,749	11.14	1,655	0.49	563	0.17	276	0.08
Middana Weremo.....	5,183	31.13	10,166	61.05	1,253	7.52	50	0.30	-	-	-	-
Merhabete.....	5,196	22.56	15,653	67.95	2,101	9.12	28	0.12	27	0.12	30	0.13
Insarona Wayu.....	7,025	28.65	13,921	56.77	3,513	14.33	27	0.11	37	0.15	-	-
Moretna Jiru.....	3,863	22.34	12,016	69.50	1,364	7.89	24	0.14	22	0.13	-	-



Table 8.10B:- Number of Crop Holders that Owned Plough-Tip by Geographic Area. (Continued.)

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	%
North Shewa (Amhara) Zone.....												
Gera Keya .....	7,333	26.89	16,489	60.47	3,201	11.74	207	0.76	-	-	38	0.14
Geshe.....	2,965	25.34	8,252	70.52	484	4.14	-	-	-	-	-	-
Antsokiya Gemza.....	4,634	35.69	8,147	62.74	185	1.42	-	-	19	0.15	-	-
Efratana Gidim.....	4,526	24.18	13,318	71.14	828	4.42	-	-	24	0.13	25	0.13
Lalo Midir.....	6,109	25.69	16,464	69.23	1,207	5.08	-	-	-	-	-	-
Mojana Wadera.....	4,076	27.19	10,024	66.88	889	5.93	-	-	-	-	-	-
Tarma Ber .....	4,834	28.19	10,466	61.03	1,755	10.23	62	0.36	33	0.19	-	-
Kewet .....	5,464	26.79	13,117	64.30	1,818	8.91	-	-	-	-	-	-
Asagirt.....	2,159	22.43	6,256	65.00	1,186	12.32	24	0.25	-	-	-	-
Angolelana Tera.....	3,091	20.70	8,266	55.37	3,202	21.45	258	1.73	96	0.64	17	0.11
Ankober.....	3,857	24.36	10,609	67.00	1,306	8.25	40	0.25	22	0.14	-	-
Hagere Mariam .....	2,477	23.25	6,116	57.41	1,921	18.03	129	1.21	-	-	11	0.10
Berehet .....	644	11.90	3,848	71.07	864	15.96	58	1.07	-	-	-	-
Minjarna Shenkora.....	4,543	19.82	11,294	49.28	6,106	26.64	650	2.84	209	0.91	118	0.51
Basona Werana .....	8,724	28.24	17,395	56.31	4,564	14.77	99	0.32	75	0.24	37	0.12
East Gojam Zone .....	77,617	20.58	244,460	64.81	52,987	14.05	1,823	0.48	227	0.06	94	0.02
Bibugn.....	5,214	25.58	14,651	71.89	487	2.39	-	-	-	-	28	0.14
Hulet Ej Enese .....	7,849	18.29	31,810	74.11	3,065	7.14	68	0.16	64	0.15	66	0.15
Goncha Siso Enese.....	5,788	21.73	19,159	71.94	1,684	6.32	-	-	-	-	-	-
Enbise Sar Midir.....	5,741	21.88	19,671	74.95	832	3.17	-	-	-	-	-	-
Enarj Enawga.....	5,858	18.65	22,838	72.71	2,627	8.36	85	0.27	-	-	-	-
Enemay .....	5,622	21.37	15,086	57.35	5,523	20.99	76	0.29	-	-	-	-
Debay Telatgen .....	4,373	18.08	15,606	64.54	4,022	16.63	181	0.75	-	-	-	-
Machakel .....	6,210	16.16	24,128	62.78	7,636	19.87	458	1.19	-	-	-	-
Guzamn .....	7,226	16.88	30,346	70.88	5,025	11.74	217	0.51	-	-	-	-
Baso Liben .....	6,273	24.04	15,521	59.49	4,165	15.96	133	0.51	-	-	-	-
Awabel .....	5,735	17.86	15,638	48.70	10,143	31.59	480	1.49	115	0.36	-	-
Dejen .....	5,049	24.91	8,396	41.43	6,648	32.80	125	0.62	49	0.24	-	-
Shebel Berenta.....	6,678	34.39	11,609	59.78	1,132	5.83	-	-	-	-	-	-
West Gojam Zone .....	80,686	21.70	255,016	68.60	34,968	9.41	979	0.26	75	0.02	39	0.01
Achefer.....	9,086	18.93	33,240	69.26	5,560	11.59	104	0.22	-	-	-	-
Bahir Dar Zuria.....	11,616	25.94	28,297	63.20	4,740	10.59	124	0.28	-	-	-	-
Yilman Densa .....	14,497	27.16	36,494	68.37	2,387	4.47	-	-	-	-	-	-
Merawi .....	11,145	23.31	33,501	70.07	3,044	6.37	121	0.25	-	-	-	-
Sekela .....	4,017	15.60	20,286	78.78	1,448	5.62	-	-	-	-	-	-
Kuarit .....	5,897	19.65	22,254	74.15	1,831	6.10	30	0.10	-	-	-	-
Dega Damot .....	6,380	22.17	22,037	76.57	364	1.26	-	-	-	-	-	-
Dembecha .....	3,405	15.55	14,146	64.61	4,185	19.11	132	0.60	28	0.13	-	-
Jabi Tehnan .....	7,359	20.67	23,128	64.97	5,063	14.22	46	0.13	-	-	-	-
Bure Wemberma.....	7,285	20.37	21,633	60.47	6,346	17.74	422	1.18	47	0.13	39	0.11
Waghamra Zone.....	13,609	17.99	51,601	68.21	8,982	11.87	1,055	1.39	262	0.35	145	0.19
Zikuala. ....	1,673	12.57	8,438	63.42	2,618	19.68	382	2.87	104	0.78	90	0.68
Sekota.....	6,190	18.35	22,641	67.10	4,159	12.33	537	1.59	158	0.47	55	0.16
Dehana .....	5,747	20.09	20,522	71.73	2,205	7.71	136	0.48	-	-	-	-
Awı Zone .....	35,231	23.07	99,570	65.20	16,816	11.01	1,051	0.69	28	0.02	27	0.02
Dangela. ....	6,486	19.08	22,206	65.32	4,887	14.37	418	1.23	-	-	-	-
Banja .....	5,105	19.69	19,566	75.47	1,206	4.65	50	0.19	-	-	-	-
Ankesha.....	11,648	30.61	22,378	58.80	3,880	10.20	150	0.39	-	-	-	-
Guangua.....	7,420	23.73	19,280	61.65	4,316	13.80	257	0.82	-	-	-	-
Faggeta Lekoma.....	4,574	19.49	16,139	68.76	2,527	10.77	176	0.75	28	0.12	27	0.12
Oromia Zone .....	19,624	27.01	49,084	67.55	3,764	5.18	128	0.18	42	0.06	21	0.03
Chefe Golana Dawe Rahimedo	9,701	32.26	18,448	61.34	1,857	6.17	27	0.09	42	0.14	-	-
Bati .....	3,547	21.75	11,649	71.43	1,027	6.30	65	0.40	-	-	21	0.13
Jile Tsumiga.....	2,267	19.15	9,197	77.69	355	3.00	19	0.16	-	-	-	-
Artuma Fursi .....	4,110	28.46	9,790	67.79	525	3.64	17	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	%
Amhara Region.....	706,445	23.63	2,035,193	68.08	231,909	7.76	11,467	0.38	2,720	0.09	1,620	0.05
North Gondar Zone.....	106,273	24.90	277,127	64.93	39,965	9.36	2,144	0.50	891	0.21	398	0.09
Addi Arkay.....	5,887	24.54	14,780	61.60	3,120	13.00	170	0.71	-	-	35	0.15
Beyeda.....	6,217	35.45	10,439	59.53	794	4.53	68	0.39	19	0.11	-	-
Janamora.....	9,122	31.26	17,888	61.29	2,026	6.94	80	0.27	26	0.09	42	0.14
Debark.....	5,022	23.37	13,971	65.01	1,977	9.20	93	0.43	281	1.31	148	0.69
Dabat.....	6,544	26.63	16,128	65.62	1,622	6.60	200	0.81	84	0.34	-	-
Sanja.....	3,228	13.16	17,053	69.54	3,760	15.33	340	1.39	142	0.58	-	-
Lay Armacheho.....	7,534	30.17	16,143	64.64	1,265	5.07	33	0.13	-	-	-	-
Wegera.....	11,145	30.08	22,410	60.47	3,245	8.76	53	0.14	140	0.38	64	0.17
Gondar Zuria.....	10,186	26.15	25,846	66.34	2,872	7.37	-	-	53	0.14	-	-
Dembia.....	9,408	22.80	29,500	71.48	2,256	5.47	61	0.15	-	-	47	0.11
Chilga.....	7,328	22.70	22,242	68.89	2,716	8.41	-	-	-	-	-	-
Metema.....	1,588	15.64	7,084	69.78	1,296	12.77	96	0.95	55	0.54	33	0.33
Quara.....	1,639	17.43	6,351	67.56	1,301	13.84	53	0.56	28	0.30	29	0.31
Alefa.....	13,362	28.89	27,742	59.99	5,031	10.88	109	0.24	-	-	-	-
Belesa.....	8,064	17.86	29,551	65.45	6,683	14.80	789	1.75	61	0.14	-	-
South Gondar Zone.....	83,333	22.27	268,643	71.78	21,325	5.70	641	0.17	123	0.03	187	0.05
Ebenat.....	9,419	22.44	29,204	69.58	3,299	7.86	-	-	47	0.11	-	-
Kemekem.....	7,898	25.65	21,066	68.43	1,727	5.61	51	0.17	-	-	44	0.14
Fogera.....	10,062	24.91	27,139	67.19	2,941	7.28	251	0.62	-	-	-	-
Farta.....	9,512	19.97	35,583	74.70	2,461	5.17	-	-	-	-	78	0.16
Lay Gayint.....	9,468	24.09	27,501	69.97	2,180	5.55	154	0.39	-	-	-	-
Tach Gayint.....	6,081	30.00	13,749	67.83	440	2.17	-	-	-	-	-	-
Simada.....	10,762	22.88	34,522	73.40	1,673	3.56	-	-	76	0.16	-	-
Estie.....	10,847	17.08	47,892	75.43	4,624	7.28	126	0.20	-	-	-	-
Dera.....	9,287	21.41	31,986	73.74	1,980	4.56	58	0.13	-	-	65	0.15
North Wollo Zone.....	73,252	23.81	207,867	67.56	24,580	7.99	1,510	0.49	384	0.12	76	0.02
Bugna.....	11,608	24.85	30,739	65.80	4,177	8.94	192	0.41	-	-	-	-
Kobo.....	7,140	17.22	31,432	75.79	2,835	6.84	65	0.16	-	-	-	-
Gidan.....	9,641	27.90	22,522	65.17	2,198	6.36	125	0.36	74	0.21	-	-
Meket.....	9,458	19.66	32,720	68.02	5,132	10.67	632	1.31	165	0.34	-	-
Wadala.....	4,388	16.46	18,448	69.19	3,580	13.43	171	0.64	45	0.17	29	0.11
Dawutna Delanta.....	8,795	24.49	24,130	67.20	2,840	7.91	88	0.25	57	0.16	-	-
Guba Lafto.....	8,624	24.22	24,468	68.73	2,421	6.80	87	0.24	-	-	-	-
Habru.....	13,601	35.19	23,408	60.57	1,397	3.61	149	0.39	43	0.11	47	0.12
South Wollo Zone.....	130,387	26.51	336,324	68.38	24,092	4.90	767	0.16	177	0.04	113	0.02
Mekdela.....	6,138	19.97	23,236	75.61	1,357	4.42	-	-	-	-	-	-
Tenta.....	9,765	27.54	23,855	67.27	1,569	4.42	271	0.76	-	-	-	-
Kutaber.....	4,578	21.14	14,439	66.69	2,559	11.82	76	0.35	-	-	-	-
Ambasel.....	6,138	23.28	18,714	70.98	1,485	5.63	28	0.11	-	-	-	-
Tehuledere.....	6,329	26.74	16,437	69.44	843	3.56	62	0.26	-	-	-	-
Werebabu.....	5,961	28.04	13,700	64.44	1,548	7.28	51	0.24	-	-	-	-
Kalu.....	12,104	30.90	25,306	64.59	1,767	4.51	-	-	-	-	-	-
Dessie Zuria.....	18,940	29.17	42,579	65.57	3,259	5.02	-	-	102	0.16	54	0.08
Legambo.....	11,576	32.52	22,631	63.57	1,391	3.91	-	-	-	-	-	-
Sayint.....	9,481	21.14	34,010	75.83	1,303	2.91	-	-	-	-	59	0.13
Debresina.....	10,575	28.84	24,785	67.58	1,229	3.35	84	0.23	-	-	-	-
Kelala.....	6,335	21.17	21,319	71.24	2,145	7.17	125	0.42	-	-	-	-
Jama.....	7,438	29.67	16,121	64.31	1,471	5.87	38	0.15	-	-	-	-
Were Ilu.....	8,114	27.31	20,534	69.10	1,067	3.59	-	-	-	-	-	-
Wegde.....	6,915	25.82	18,659	69.68	1,098	4.10	32	0.12	75	0.28	-	-
North Shewa (Amhara) Zone.....	87,411	25.80	214,118	63.21	34,598	10.21	2,089	0.62	339	0.10	208	0.06
Middana Weremo.....	5,355	32.16	10,066	60.45	1,202	7.22	29	0.17	-	-	-	-
Merhabete.....	5,468	23.74	15,728	68.28	1,741	7.56	71	0.31	27	0.12	-	-
Insarona Wayu.....	7,064	28.81	14,482	59.05	2,886	11.77	27	0.11	37	0.15	27	0.11
Moretna Jiru.....	3,947	22.83	12,187	70.49	1,131	6.54	24	0.14	-	-	-	-



Table 8.11B:- Number of Crop Holders that Owned 'wegel'-Tip by Geographic Area. (Continued)

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	%
North Shewa (Amhara) Zone.....												
Gera Keya .....	7,462	27.37	16,300	59.78	3,075	11.28	431	1.58	-	-	-	-
Geshe.....	2,979	25.46	8,121	69.40	571	4.88	30	0.26	-	-	-	-
Antsokiya Gemza.....	4,546	35.01	8,060	62.07	347	2.67	32	0.25	-	-	-	-
Efratana Gidim.....	4,487	23.97	13,345	71.28	820	4.38	46	0.25	23	0.12	-	-
Lalo Midir.....	6,012	25.28	16,111	67.75	1,543	6.49	58	0.24	29	0.12	27	0.11
Mojana Wadera.....	4,102	27.37	9,968	66.50	826	5.51	76	0.51	-	-	17	0.11
Tarma Ber .....	5,026	29.31	10,184	59.38	1,677	9.78	215	1.25	17	0.10	31	0.18
Kewet .....	5,697	27.93	12,784	62.67	1,867	9.15	51	0.25	-	-	-	-
Asagirt.....	2,163	22.47	6,375	66.23	1,062	11.03	25	0.26	-	-	-	-
Angolelana Tera.....	3,087	20.68	9,194	61.58	2,383	15.96	200	1.34	33	0.22	33	0.22
Ankober.....	3,762	23.76	10,432	65.88	1,600	10.10	40	0.25	-	-	-	-
Hagere Mariam .....	2,434	22.85	6,397	60.04	1,697	15.93	115	1.08	-	-	11	0.10
Berehet .....	666	12.30	3,682	68.01	1,022	18.88	44	0.81	-	-	-	-
Minjarna Shenkora.....	4,547	19.84	12,047	52.56	5,729	25.00	433	1.89	101	0.44	63	0.27
Basona Werana .....	8,605	27.85	18,657	60.39	3,418	11.06	143	0.46	71	0.23	-	-
East Gojam Zone.....	77,460	20.54	268,337	71.14	29,961	7.94	1,198	0.32	103	0.03	149	0.04
Bibugn.....	5,454	26.76	14,309	70.21	455	2.23	109	0.53	-	-	53	0.26
Hulet Ej Enese .....	7,758	18.07	33,713	78.54	1,319	3.07	132	0.31	-	-	-	-
Goncha Siso Enese.....	5,585	20.97	19,894	74.70	1,115	4.19	-	-	37	0.14	-	-
Enbise Sar Midir.....	5,723	21.81	19,847	75.62	674	2.57	-	-	-	-	-	-
Enarj Enawga.....	6,222	19.81	23,504	74.83	1,682	5.36	-	-	-	-	-	-
Enemy .....	5,318	20.22	19,458	73.97	1,531	5.82	-	-	-	-	-	-
Debay Telatgen .....	4,238	17.53	17,769	73.48	2,072	8.57	103	0.43	-	-	-	-
Machakel.....	6,056	15.76	26,436	68.79	5,788	15.06	97	0.25	-	-	55	0.14
Guzamn.....	6,993	16.33	31,327	73.17	4,274	9.98	220	0.51	-	-	-	-
Baso Liben .....	6,212	23.81	16,940	64.92	2,765	10.60	103	0.39	30	0.11	42	0.16
Awabel .....	5,811	18.10	20,020	62.35	5,859	18.25	385	1.20	36	0.11	-	-
Dejen .....	5,287	26.09	12,907	63.68	2,049	10.11	24	0.12	-	-	-	-
Shebel Berenta.....	6,803	35.03	12,212	62.89	378	1.95	26	0.13	-	-	-	-
West Gojam Zone .....	80,463	21.64	262,741	70.67	27,023	7.27	1,246	0.34	213	0.06	77	0.02
Achefer.....	8,820	18.38	34,540	71.97	4,585	9.55	45	0.09	-	-	-	-
Bahir Dar Zuria.....	11,361	25.37	29,069	64.92	4,226	9.44	121	0.27	-	-	-	-
Yilman Densa.....	15,254	28.58	36,767	68.88	1,357	2.54	-	-	-	-	-	-
Merawi .....	11,161	23.34	33,826	70.75	2,615	5.47	209	0.44	-	-	-	-
Sekela.....	4,014	15.59	20,701	80.39	930	3.61	106	0.41	-	-	-	-
Kuarit .....	6,035	20.11	23,232	77.41	676	2.25	69	0.23	-	-	-	-
Dega Damot .....	5,951	20.68	22,192	77.11	569	1.98	-	-	31	0.11	38	0.13
Dembecha .....	3,519	16.07	14,615	66.75	3,534	16.14	145	0.66	83	0.38	-	-
Jabi Tehnan .....	7,291	20.48	25,180	70.74	2,979	8.37	100	0.28	46	0.13	-	-
Bure Wemberma.....	7,061	19.74	22,618	63.23	5,551	15.52	450	1.26	53	0.15	39	0.11
Waghamra Zone.....	13,544	17.90	51,412	67.96	9,260	12.24	829	1.10	219	0.29	390	0.52
Zikuala. ....	1,902	14.30	8,816	66.26	2,225	16.72	162	1.22	132	0.99	68	0.51
Sekota.....	6,146	18.22	22,426	66.47	4,171	12.36	627	1.86	48	0.14	322	0.95
Dehana .....	5,496	19.21	20,170	70.50	2,865	10.01	40	0.14	39	0.14	-	-
Awi Zone.....	34,532	22.61	99,591	65.21	17,524	11.47	961	0.63	115	0.08	-	-
Dangela. ....	6,295	18.52	22,216	65.35	4,977	14.64	423	1.24	86	0.25	-	-
Banja .....	4,937	19.04	19,430	74.94	1,441	5.56	119	0.46	-	-	-	-
Ankesha.....	11,583	30.44	22,292	58.58	4,059	10.67	122	0.32	-	-	-	-
Guangua .....	7,208	23.05	19,111	61.11	4,658	14.89	296	0.95	-	-	-	-
Faggeta Lekoma.....	4,511	19.22	16,543	70.48	2,388	10.17	-	-	29	0.12	-	-
Oromia Zone .....	19,791	27.24	49,032	67.48	3,581	4.93	82	0.11	156	0.21	21	0.03
Chefe Golana Dawe Rahimedo	9,597	31.91	18,940	62.98	1,403	4.67	-	-	135	0.45	-	-
Bati .....	3,774	23.14	11,238	68.91	1,190	7.30	65	0.40	21	0.13	21	0.13
Jile Tsumiga.....	2,282	19.28	9,167	77.44	389	3.29	-	-	-	-	-	-
Artuma Fursi.....	4,138	28.65	9,688	67.08	599	4.15	17	0.12	-	-	-	-



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	%
Amhara Region.....	694,412	23.23	1,845,378	61.73	418,122	13.99	23,469	0.79	6,517	0.22	1,456	0.05
North Gondar Zone.....	92,136	21.59	254,724	59.68	71,957	16.86	5,227	1.22	2,386	0.56	368	0.09
Addi Arkay.....	5,301	22.09	12,383	51.61	5,737	23.91	477	1.99	69	0.29	25	0.10
Beyeda.....	5,219	29.76	8,868	50.57	2,942	16.78	337	1.92	126	0.72	45	0.26
Janamora.....	8,082	27.69	14,901	51.06	5,869	20.11	269	0.92	63	0.22	-	-
Debark.....	4,435	20.64	11,842	55.10	3,510	16.33	458	2.13	1,127	5.24	120	0.56
Dabat.....	5,671	23.07	15,195	61.82	3,252	13.23	359	1.46	83	0.34	18	0.07
Sanja.....	2,340	9.54	17,606	71.79	4,336	17.68	241	0.98	-	-	-	-
Lay Armacheho.....	6,431	25.75	14,569	58.33	3,282	13.14	440	1.76	213	0.85	40	0.16
Wegera.....	9,206	24.84	21,582	58.24	5,823	15.71	226	0.61	220	0.59	-	-
Gondar Zuria.....	9,516	24.43	22,425	57.56	6,671	17.12	345	0.89	-	-	-	-
Dembia.....	9,837	23.83	28,512	69.08	2,867	6.95	56	0.14	-	-	-	-
Chilga.....	5,495	17.02	20,848	64.57	5,663	17.54	125	0.39	117	0.36	38	0.12
Metema.....	1,374	13.53	6,868	67.65	1,715	16.89	83	0.82	49	0.48	63	0.62
Quara.....	1,289	13.71	6,357	67.62	1,688	17.96	47	0.50	-	-	20	0.21
Alefa.....	10,942	23.66	28,215	61.01	6,864	14.84	183	0.40	40	0.09	-	-
Belesa.....	6,993	15.49	24,554	54.39	11,740	26.00	1,581	3.50	280	0.62	-	-
South Gondar Zone.....	84,081	22.47	240,234	64.19	47,035	12.57	2,504	0.67	308	0.08	90	0.02
Ebenat.....	8,613	20.52	23,190	55.26	9,613	22.91	447	1.07	59	0.14	47	0.11
Kemekem.....	7,193	23.36	19,290	62.66	4,096	13.30	207	0.67	-	-	-	-
Fogera.....	10,577	26.19	25,169	62.31	4,181	10.35	419	1.04	47	0.12	-	-
Farta.....	10,742	22.55	32,108	67.41	4,522	9.49	203	0.43	59	0.12	-	-
Lay Gayint.....	9,492	24.15	22,670	57.68	6,604	16.80	482	1.23	55	0.14	-	-
Tach Gayint.....	5,670	27.97	11,423	56.35	3,022	14.91	130	0.64	25	0.12	-	-
Simada.....	11,253	23.93	32,002	68.04	3,668	7.80	110	0.23	-	-	-	-
Estie.....	11,626	18.31	42,910	67.59	8,489	13.37	401	0.63	63	0.10	-	-
Dera.....	8,917	20.56	31,471	72.55	2,840	6.55	105	0.24	-	-	43	0.10
North Wollo Zone.....	75,695	24.60	179,153	58.23	48,510	15.77	3,248	1.06	896	0.29	167	0.05
Bugna.....	12,244	26.21	23,709	50.75	9,642	20.64	883	1.89	238	0.51	-	-
Kobo.....	7,610	18.35	26,959	65.01	6,551	15.80	228	0.55	65	0.16	59	0.14
Gidan.....	9,598	27.77	20,419	59.08	4,346	12.58	197	0.57	-	-	-	-
Meket.....	9,346	19.43	26,693	55.49	10,271	21.35	1,376	2.86	421	0.88	-	-
Wadala.....	4,422	16.59	16,257	60.98	5,594	20.98	247	0.93	77	0.29	64	0.24
Dawutna Delanta.....	8,917	24.83	22,235	61.92	4,539	12.64	174	0.48	-	-	45	0.13
Guba Lafto.....	9,641	27.08	21,809	61.26	4,107	11.54	43	0.12	-	-	-	-
Habru.....	13,918	36.02	21,071	54.52	3,460	8.95	101	0.26	95	0.25	-	-
South Wollo Zone.....	131,529	26.74	303,960	61.80	52,794	10.73	2,959	0.60	425	0.09	193	0.04
Mekdela.....	6,296	20.49	21,970	71.49	2,428	7.90	37	0.12	-	-	-	-
Tenta.....	10,170	28.68	22,942	64.70	2,311	6.52	37	0.10	-	-	-	-
Kutaber.....	4,637	21.42	13,469	62.21	3,254	15.03	216	1.00	49	0.23	27	0.12
Ambasel.....	6,082	23.07	14,457	54.83	5,070	19.23	582	2.21	139	0.53	35	0.13
Tehuledere.....	6,596	27.87	14,249	60.20	2,575	10.88	222	0.94	29	0.12	-	-
Werebabu.....	5,598	26.33	12,746	59.95	2,688	12.64	202	0.95	26	0.12	-	-
Kalu.....	12,325	31.46	20,980	53.55	5,393	13.77	479	1.22	-	-	-	-
Dessie Zuria.....	18,391	28.32	39,110	60.23	6,989	10.76	255	0.39	87	0.13	102	0.16
Legambo.....	11,930	33.51	21,503	60.41	2,088	5.87	39	0.11	38	0.11	-	-
Sayint.....	9,564	21.32	28,470	63.47	6,332	14.12	431	0.96	56	0.12	-	-
Debresina.....	10,632	28.99	22,822	62.23	3,126	8.52	93	0.25	-	-	-	-
Kelala.....	6,655	22.24	19,937	66.63	3,143	10.50	189	0.63	-	-	-	-
Jama.....	7,711	30.76	14,388	57.40	2,843	11.34	96	0.38	-	-	30	0.12
Were Ilu.....	8,346	28.09	18,969	63.84	2,362	7.95	38	0.13	-	-	-	-
Wegde.....	6,595	24.63	17,949	67.03	2,192	8.19	43	0.16	-	-	-	-
North Shewa (Amhara) Zone.....	88,027	25.98	201,526	59.49	46,193	13.64	2,284	0.67	552	0.16	181	0.05
Middana Weremo.....	5,168	31.04	8,657	51.99	2,635	15.82	99	0.59	93	0.56	-	-
Merhabete.....	5,226	22.69	12,689	55.09	4,815	20.90	219	0.95	57	0.25	29	0.13
Insarona Wayu.....	7,319	29.85	13,922	56.77	3,138	12.80	107	0.44	37	0.15	-	-
Moretna Jiru.....	4,132	23.90	10,912	63.12	2,096	12.12	105	0.61	22	0.13	22	0.13



Table 8.12B:- Number of Crop Holders that Owned Yoke by Geographic Area. (Continued.)

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	%
North Shewa (Amhara) Zone.....												
Gera Keya .....	7,495	27.49	16,180	59.34	3,494	12.81	26	0.10	73	0.27	-	-
Geshe.....	3,093	26.43	7,322	62.58	1,241	10.61	45	0.38	-	-	-	-
Antsokiya Gemza.....	4,503	34.68	6,584	50.70	1,800	13.86	78	0.60	20	0.15	-	-
Efratana Gidim.....	4,435	23.69	11,515	61.51	2,464	13.16	220	1.18	41	0.22	46	0.25
Lalo Midir.....	6,091	25.61	15,268	64.21	2,361	9.93	60	0.25	-	-	-	-
Mojana Wadera.....	4,088	27.27	9,525	63.55	1,340	8.94	17	0.11	19	0.13	-	-
Tarma Ber .....	5,012	29.22	9,396	54.79	2,664	15.53	62	0.36	16	0.09	-	-
Kewet .....	5,576	27.33	12,344	60.51	2,429	11.91	50	0.25	-	-	-	-
Asagirt.....	2,133	22.16	6,529	67.83	951	9.88	-	-	-	-	12	0.12
Angolelana Tera.....	3,104	20.79	9,457	63.34	2,084	13.96	223	1.49	42	0.28	20	0.13
Ankober.....	3,900	24.63	10,494	66.28	1,377	8.70	42	0.27	-	-	21	0.13
Hagere Mariam .....	2,552	23.95	5,962	55.96	1,978	18.57	151	1.42	11	0.10	-	-
Berehet .....	629	11.62	3,656	67.53	1,053	19.45	68	1.26	8	0.15	-	-
Minjarna Shenkora.....	4,525	19.74	12,202	53.24	5,538	24.16	549	2.40	75	0.33	31	0.14
Basona Werana .....	9,044	29.27	18,914	61.22	2,736	8.86	163	0.53	37	0.12	-	-
East Gojam Zone .....	75,581	20.04	245,914	65.19	52,777	13.99	2,351	0.62	495	0.13	90	0.02
Bibugn.....	5,217	25.60	14,161	69.48	921	4.52	81	0.40	-	-	-	-
Hulet Ej Enese .....	7,216	16.81	31,544	73.49	3,969	9.25	193	0.45	-	-	-	-
Goncha Siso Enese.....	5,461	20.51	18,123	68.05	3,020	11.34	27	0.10	-	-	-	-
Enbise Sar Midir.....	5,685	21.66	16,838	64.16	3,513	13.39	165	0.63	-	-	43	0.16
Enarj Enawga.....	5,561	17.71	22,525	71.72	3,277	10.43	45	0.14	-	-	-	-
Enemay .....	5,400	20.53	19,136	72.74	1,771	6.73	-	-	-	-	-	-
Debay Telatgen .....	3,955	16.36	18,056	74.67	1,959	8.10	212	0.88	-	-	-	-
Machakel.....	5,952	15.49	20,372	53.01	11,118	28.93	698	1.82	245	0.64	47	0.12
Guzamn.....	7,154	16.71	26,755	62.49	8,680	20.27	109	0.25	116	0.27	-	-
Baso Liben .....	6,336	24.28	16,236	62.23	3,150	12.07	306	1.17	64	0.25	-	-
Awabel .....	5,622	17.51	19,062	59.36	6,924	21.56	460	1.43	43	0.13	-	-
Dejen .....	5,338	26.34	11,493	56.71	3,353	16.54	55	0.27	28	0.14	-	-
Shebel Berenta.....	6,682	34.41	11,614	59.81	1,123	5.78	-	-	-	-	-	-
West Gojam Zone .....	77,832	20.94	245,981	66.17	45,949	12.36	1,429	0.38	379	0.10	193	0.05
Achefer.....	9,010	18.77	32,687	68.11	6,188	12.89	105	0.22	-	-	-	-
Bahir Dar Zuria.....	11,089	24.76	28,176	62.93	5,339	11.92	119	0.27	-	-	54	0.12
Yilman Densa .....	13,759	25.78	35,876	67.21	3,594	6.73	75	0.14	-	-	74	0.14
Merawi .....	10,720	22.42	32,536	68.05	4,487	9.38	-	-	68	0.14	-	-
Sekela.....	3,975	15.44	18,906	73.42	2,870	11.15	-	-	-	-	-	-
Kuarit .....	5,340	17.79	22,116	73.69	2,484	8.28	72	0.24	-	-	-	-
Dega Damot.....	5,801	20.16	21,635	75.17	1,345	4.67	-	-	-	-	-	-
Dembecha .....	3,570	16.30	11,491	52.48	6,170	28.18	503	2.30	162	0.74	-	-
Jabi Tehnan .....	7,149	20.08	23,648	66.43	4,565	12.82	186	0.52	48	0.13	-	-
Bure Wemberma.....	7,416	20.73	18,912	52.87	8,908	24.90	369	1.03	101	0.28	66	0.18
Waghamra Zone.....	13,542	17.90	42,872	56.67	16,917	22.36	1,625	2.15	575	0.76	123	0.16
Zikuala. ....	1,743	13.10	7,037	52.89	3,784	28.44	445	3.34	228	1.71	68	0.51
Sekota.....	6,214	18.42	18,961	56.20	7,704	22.83	600	1.78	206	0.61	55	0.16
Dehana .....	5,587	19.53	16,875	58.98	5,429	18.98	579	2.02	140	0.49	-	-
Awı Zone .....	36,280	23.76	85,545	56.01	29,235	19.14	1,248	0.82	388	0.25	27	0.02
Dangela. ....	6,344	18.66	19,340	56.89	7,853	23.10	334	0.98	126	0.37	-	-
Banja .....	4,610	17.78	17,770	68.54	3,423	13.20	124	0.48	-	-	-	-
Ankessa.....	11,647	30.60	18,538	48.71	7,401	19.45	329	0.86	141	0.37	-	-
Guangua.....	9,047	28.93	15,537	49.68	6,301	20.15	268	0.86	120	0.38	-	-
Faggeta Lekoma.....	4,634	19.74	14,359	61.18	4,257	18.14	194	0.83	-	-	27	0.12
Oromia Zone .....	19,712	27.13	45,468	62.57	6,755	9.30	594	0.82	113	0.16	21	0.03
Chefe Golana Dawe Rahimedo	9,394	31.24	17,189	57.15	3,135	10.42	288	0.96	69	0.23	-	-
Bati .....	3,926	24.07	9,966	61.11	2,139	13.12	213	1.31	44	0.27	21	0.13
Jile Tsumiga.....	2,309	19.50	8,797	74.31	732	6.18	-	-	-	-	-	-
Artuma Fursi.....	4,084	28.28	9,516	65.89	749	5.19	93	0.64	-	-	-	-



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	%
Amhara Region.....	302,819	10.13	930,582	31.13	1,086,838	36.36	421,534	14.10	161,539	5.40	86,042	2.88
North Gondar Zone.....	53,401	12.51	188,799	44.24	133,028	31.17	35,142	8.23	11,428	2.68	5,000	1.17
Addi Arkay.....	2,335	9.73	12,580	52.43	7,267	30.29	1,248	5.20	529	2.20	33	0.14
Beyeda.....	2,840	16.19	10,769	61.41	3,261	18.59	515	2.94	92	0.52	60	0.34
Janamora.....	5,397	18.49	15,159	51.94	7,689	26.35	749	2.57	152	0.52	38	0.13
Debark.....	1,966	9.15	11,764	54.74	6,090	28.34	1,365	6.35	171	0.80	136	0.63
Dabat.....	2,735	11.13	12,511	50.90	7,469	30.39	1,336	5.44	367	1.49	160	0.65
Sanja.....	2,125	8.67	10,917	44.52	8,072	32.92	2,903	11.84	401	1.64	105	0.43
Lay Armacheho.....	3,642	14.58	10,281	41.17	8,087	32.38	2,063	8.26	660	2.64	242	0.97
Wegera.....	5,402	14.58	18,125	48.91	11,296	30.48	1,809	4.88	425	1.15	-	-
Gondar Zuria.....	5,062	12.99	14,478	37.16	13,218	33.93	3,774	9.69	1,384	3.55	1,041	2.67
Dembia.....	3,662	8.87	8,783	21.28	15,197	36.82	7,675	18.60	3,956	9.59	1,999	4.84
Chilga.....	3,934	12.18	13,200	40.88	11,289	34.97	2,874	8.90	768	2.38	221	0.68
Metema.....	1,042	10.26	4,598	45.29	3,048	30.02	719	7.08	360	3.55	385	3.79
Quara.....	677	7.20	4,827	51.35	2,745	29.20	774	8.23	264	2.81	114	1.21
Alefa.....	7,060	15.27	20,889	45.17	13,350	28.87	3,653	7.90	826	1.79	466	1.01
Belesa.....	5,520	12.23	19,918	44.12	14,950	33.11	3,687	8.17	1,073	2.38	-	-
South Gondar Zone.....	37,056	9.90	88,239	23.58	134,995	36.07	64,641	17.27	28,245	7.55	21,076	5.63
Ebenat.....	5,815	13.86	13,700	32.64	16,216	38.64	4,573	10.90	1,223	2.91	442	1.05
Kemekem.....	2,774	9.01	9,914	32.20	9,972	32.39	4,448	14.45	2,027	6.58	1,651	5.36
Fogera.....	4,018	9.95	7,158	17.72	12,172	30.13	9,155	22.66	3,795	9.40	4,095	10.14
Farta.....	2,854	5.99	7,587	15.93	18,924	39.73	10,595	22.24	4,756	9.98	2,918	6.13
Lay Gayint.....	4,590	11.68	18,614	47.36	12,166	30.95	2,713	6.90	687	1.75	533	1.36
Tach Gayint.....	2,545	12.56	5,748	28.36	7,268	35.86	2,658	13.11	1,354	6.68	697	3.44
Simada.....	5,786	12.30	8,942	19.01	16,663	35.43	8,395	17.85	4,310	9.16	2,937	6.24
Estie.....	4,275	6.73	9,163	14.43	24,777	39.03	14,319	22.55	6,680	10.52	4,275	6.73
Dera.....	4,397	10.14	7,413	17.09	16,837	38.82	7,785	17.95	3,415	7.87	3,529	8.14
North Wollo Zone.....	30,178	9.81	89,018	28.93	113,328	36.83	48,540	15.78	19,540	6.35	7,065	2.30
Bugna.....	4,876	10.44	9,402	20.13	18,330	39.24	9,338	19.99	3,681	7.88	1,089	2.33
Kobo.....	4,558	10.99	19,177	46.24	14,104	34.01	2,816	6.79	760	1.83	57	0.14
Gidan.....	3,485	10.08	11,248	32.55	12,643	36.58	5,253	15.20	1,360	3.94	571	1.65
Meket.....	3,176	6.60	10,218	21.24	17,116	35.58	11,431	23.76	4,348	9.04	1,818	3.78
Wadala.....	1,942	7.28	5,416	20.31	10,179	38.18	4,963	18.62	2,650	9.94	1,511	5.67
Dawutna Delanta.....	3,900	10.86	7,842	21.84	13,861	38.60	5,672	15.80	3,335	9.29	1,300	3.62
Guba Lafto.....	3,286	9.23	10,143	28.49	14,553	40.88	4,856	13.64	2,189	6.15	573	1.61
Habru.....	4,955	12.82	15,572	40.29	12,543	32.46	4,212	10.90	1,216	3.15	147	0.38
South Wollo Zone.....	41,430	8.42	132,280	26.89	192,995	39.24	84,066	17.09	27,558	5.60	13,531	2.75
Mekdela.....	2,333	7.59	6,345	20.65	12,771	41.56	5,805	18.89	2,587	8.42	890	2.90
Tenta.....	3,290	9.28	11,018	31.07	13,409	37.81	5,491	15.49	1,716	4.84	536	1.51
Kutaber.....	927	4.28	3,331	15.38	8,472	39.13	5,255	24.27	2,513	11.61	1,154	5.33
Ambasel.....	1,187	4.50	5,671	21.51	10,406	39.47	6,091	23.10	1,755	6.66	1,255	4.76
Tehuledere.....	2,153	9.10	7,357	31.08	10,196	43.07	2,935	12.40	749	3.16	281	1.19
Werebabu.....	1,679	7.90	5,162	24.28	9,102	42.81	3,886	18.28	1,033	4.86	398	1.87
Kalu.....	2,176	5.55	11,283	28.80	14,999	38.29	8,106	20.69	1,659	4.23	954	2.44
Dessie Zuria.....	4,766	7.34	16,355	25.19	23,183	35.70	13,508	20.80	4,065	6.26	3,057	4.71
Legambo.....	5,208	14.63	13,156	36.96	12,773	35.88	3,275	9.20	756	2.12	430	1.21
Sayint.....	2,855	6.37	9,646	21.51	18,562	41.38	8,322	18.55	3,650	8.14	1,818	4.05
Debresina.....	4,152	11.32	11,231	30.62	14,386	39.23	5,026	13.70	1,308	3.57	570	1.55
Kelala.....	2,448	8.18	8,806	29.43	12,500	41.77	4,242	14.18	1,596	5.33	332	1.11
Jama.....	1,926	7.68	7,270	29.00	10,087	40.24	3,623	14.45	1,370	5.47	792	3.16
Were Ilu.....	3,175	10.68	7,430	25.00	11,728	39.47	4,892	16.46	1,735	5.84	755	2.54
Wegde.....	3,155	11.78	8,219	30.69	10,420	38.91	3,610	13.48	1,066	3.98	309	1.15
North Shewa (Amhara) Zone.....	38,456	11.35	81,492	24.06	118,829	35.08	56,008	16.53	25,627	7.56	18,351	5.42
Middana Weremo.....	1,866	11.21	5,998	36.02	6,407	38.48	1,678	10.08	546	3.28	157	0.94
Merhabete.....	2,014	8.74	5,251	22.80	8,244	35.79	4,718	20.48	1,897	8.24	911	3.95
Insarona Wayu.....	3,044	12.41	4,416	18.01	8,582	35.00	4,241	17.29	2,503	10.21	1,737	7.08
Moretna Jiru.....	2,080	12.03	3,193	18.47	6,035	34.91	3,427	19.82	1,521	8.80	1,033	5.97



Table 8.13B:- Number of Crop Holders that Owned Sickle by Geographic Area. (Continued.)

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	%
North Shewa (Amhara) Zone.....												
Gera Keya .....	2,818	10.33	6,620	24.28	10,434	38.26	3,996	14.65	2,006	7.36	1,394	5.11
Geshe.....	1,223	10.45	3,078	26.31	4,245	36.28	2,133	18.23	763	6.52	259	2.21
Antsokiya Gemza.....	1,277	9.83	5,415	41.70	5,001	38.51	1,010	7.78	239	1.84	43	0.33
Efratana Gidim.....	1,830	9.78	5,999	32.04	7,562	40.39	2,503	13.37	631	3.37	196	1.05
Lalo Midir.....	2,033	8.55	4,796	20.17	8,644	36.35	5,018	21.10	2,184	9.18	1,105	4.65
Mojana Wadera.....	1,955	13.04	1,644	10.97	4,385	29.25	3,194	21.31	1,934	12.90	1,877	12.52
Tarma Ber .....	2,076	12.10	3,901	22.75	5,540	32.30	3,041	17.73	1,542	8.99	1,050	6.12
Kewet .....	2,884	14.14	5,549	27.20	6,941	34.03	2,665	13.06	1,358	6.66	1,002	4.91
Asagirt.....	741	7.70	2,339	24.30	3,706	38.50	1,756	18.24	748	7.77	335	3.48
Angolelana Tera.....	1,662	11.13	2,383	15.96	5,563	37.26	2,871	19.23	1,471	9.85	980	6.56
Ankober.....	1,321	8.34	3,686	23.28	5,982	37.78	3,149	19.89	970	6.13	726	4.59
Hagere Mariam .....	1,120	10.51	2,816	26.43	3,844	36.08	1,650	15.49	681	6.39	543	5.10
Berehet .....	546	10.08	1,343	24.81	2,479	45.79	792	14.63	192	3.55	62	1.15
Minjarna Shenkora.....	3,948	17.23	8,985	39.20	7,281	31.77	1,776	7.75	790	3.45	140	0.61
Basona Werana .....	4,012	12.99	4,080	13.21	7,954	25.75	6,392	20.69	3,653	11.82	4,803	15.55
East Gojam Zone .....	35,672	9.46	136,779	36.26	138,387	36.69	44,927	11.91	15,576	4.13	5,867	1.56
Bibugn.....	3,015	14.79	9,826	48.21	6,362	31.22	1,012	4.97	90	0.44	75	0.37
Hulet Ej Enese .....	5,900	13.75	23,011	53.61	11,474	26.73	1,772	4.13	529	1.23	236	0.55
Goncha Siso Enese.....	3,261	12.25	10,498	39.42	10,001	37.55	2,388	8.97	453	1.70	30	0.11
Enbise Sar Midir.....	3,694	14.08	9,531	36.32	10,042	38.26	2,142	8.16	593	2.26	242	0.92
Enarj Enawga.....	3,977	12.66	15,949	50.78	9,232	29.39	1,850	5.89	342	1.09	58	0.18
Enemy .....	2,692	10.23	9,192	34.94	10,457	39.75	2,610	9.92	1,069	4.06	287	1.09
Debay Telatgen .....	1,539	6.36	11,869	49.08	8,438	34.89	1,809	7.48	424	1.75	103	0.43
Machakel .....	1,809	4.71	8,071	21.00	15,635	40.68	7,983	20.77	3,536	9.20	1,398	3.64
Guzamn .....	2,323	5.43	12,889	30.10	17,736	41.43	6,496	15.17	2,377	5.55	993	2.32
Baso Liben .....	1,003	3.84	5,311	20.35	11,251	43.12	5,181	19.86	2,208	8.46	1,138	4.36
Awabel .....	2,074	6.46	8,820	27.47	13,020	40.55	5,557	17.31	2,147	6.69	493	1.54
Dejen .....	1,854	9.15	5,146	25.39	7,547	37.24	3,885	19.17	1,158	5.71	677	3.34
Shebel Berenta .....	2,531	13.03	6,665	34.32	7,192	37.04	2,242	11.55	651	3.35	138	0.71
West Gojam Zone .....	42,078	11.32	129,759	34.90	139,270	37.46	41,940	11.28	13,378	3.60	5,338	1.44
Achefer.....	4,505	9.39	19,869	41.40	18,002	37.51	4,104	8.55	1,395	2.91	115	0.24
Bahir Dar Zuria.....	7,904	17.65	13,540	30.24	16,405	36.64	4,200	9.38	1,987	4.44	741	1.65
Yilman Densa .....	7,104	13.31	22,416	41.99	17,206	32.23	4,983	9.34	1,142	2.14	527	0.99
Merawi .....	3,532	7.39	17,624	36.86	18,793	39.31	5,401	11.30	1,756	3.67	705	1.47
Sekela.....	2,589	10.05	5,887	22.86	11,205	43.51	3,811	14.80	1,423	5.53	836	3.25
Kuarit .....	2,941	9.80	13,963	46.52	9,903	33.00	2,437	8.12	558	1.86	210	0.70
Dega Damot .....	3,440	11.95	11,766	40.88	11,138	38.70	2,010	6.98	348	1.21	79	0.27
Dembecha .....	3,073	14.03	3,960	18.09	8,711	39.78	4,145	18.93	1,547	7.07	460	2.10
Jabi Tehnan .....	3,102	8.71	11,953	33.58	14,080	39.56	4,641	13.04	1,222	3.43	598	1.68
Bure Wemberma.....	3,891	10.88	8,780	24.54	13,825	38.65	6,208	17.35	2,001	5.59	1,067	2.98
Waghamra Zone.....	4,340	5.74	26,042	34.42	29,911	39.54	10,152	13.42	3,843	5.08	1,366	1.81
Zikuala. ....	737	5.54	6,063	45.57	4,447	33.42	1,322	9.94	501	3.77	235	1.77
Sekota.....	1,988	5.89	11,089	32.87	13,550	40.16	4,684	13.88	1,566	4.64	863	2.56
Dehana .....	1,616	5.65	8,890	31.07	11,914	41.64	4,146	14.49	1,776	6.21	268	0.94
Awı Zone .....	14,116	9.24	33,122	21.69	58,290	38.17	27,178	17.80	13,407	8.78	6,610	4.33
Dangela. ....	3,057	8.99	10,508	30.91	12,693	37.34	5,096	14.99	1,925	5.66	718	2.11
Banja .....	2,314	8.93	4,180	16.12	10,505	40.52	5,621	21.68	2,274	8.77	1,033	3.98
Ankesha.....	3,716	9.76	8,896	23.38	14,517	38.15	6,843	17.98	2,541	6.68	1,543	4.05
Guangua .....	2,881	9.21	5,572	17.82	12,349	39.49	5,231	16.73	3,629	11.60	1,611	5.15
Faggeta Lekoma.....	2,146	9.14	3,965	16.89	8,227	35.05	4,388	18.70	3,039	12.95	1,706	7.27
Oromia Zone .....	6,088	8.38	25,053	34.48	27,807	38.27	8,939	12.30	2,937	4.04	1,839	2.53
Chefe Golana Dawe Rahimedo	1,919	6.38	10,495	34.90	11,903	39.58	3,825	12.72	1,274	4.24	659	2.19
Bati .....	1,525	9.35	4,599	28.20	5,911	36.24	2,833	17.37	771	4.73	670	4.11
Jile Tsumiga.....	1,120	9.46	4,120	34.80	4,685	39.58	1,167	9.86	498	4.21	248	2.09
Artuma Fursi .....	1,524	10.55	5,839	40.43	5,309	36.76	1,114	7.71	394	2.73	262	1.81



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	%
Amhara Region.....	2,943,543	98.47	37,631	1.26	6,917	0.23	764	0.03	364	0.01	135	0.00
North Gondar Zone.....	415,364	97.32	10,051	2.35	1,144	0.27	72	0.02	49	0.01	118	0.03
Addi Arkay .....	23,469	97.82	487	2.03	-	-	36	0.15	-	-	-	-
Beyeda .....	17,230	98.25	236	1.35	71	0.40	-	-	-	-	-	-
Janamora .....	28,765	98.56	304	1.04	115	0.39	-	-	-	-	-	-
Debark.....	21,150	98.41	342	1.59	-	-	-	-	-	-	-	-
Dabat.....	22,940	93.34	1,462	5.95	140	0.57	36	0.15	-	-	-	-
Sanja.....	24,258	98.92	265	1.08	-	-	-	-	-	-	-	-
Lay Armacheho .....	24,490	98.06	340	1.36	145	0.58	-	-	-	-	-	-
Wegera.....	36,340	98.07	612	1.65	105	0.28	-	-	-	-	-	-
Gondar Zuria.....	38,348	98.44	501	1.29	56	0.14	-	-	-	-	52	0.13
Dembia.....	37,121	89.94	3,988	9.66	163	0.39	-	-	-	-	-	-
Chilga.....	31,753	98.35	484	1.50	-	-	-	-	49	0.15	-	-
Metema .....	10,105	99.54	42	0.41	5	0.05	-	-	-	-	-	-
Quara.....	9,326	99.20	30	0.32	45	0.48	-	-	-	-	-	-
Alefa.....	45,511	98.41	521	1.13	146	0.32	-	-	-	-	66	0.14
Belesa.....	44,560	98.70	436	0.97	152	0.34	-	-	-	-	-	-
South Gondar Zone.....	368,911	98.57	4,509	1.20	643	0.17	133	0.04	56	0.01	-	-
Ebenat .....	41,579	99.07	336	0.80	54	0.13	-	-	-	-	-	-
Kemekem.....	30,395	98.73	311	1.01	80	0.26	-	-	-	-	-	-
Fogera .....	40,155	99.41	238	0.59	-	-	-	-	-	-	-	-
Farta .....	47,117	98.91	454	0.95	63	0.13	-	-	-	-	-	-
Lay Gayint.....	38,924	99.04	273	0.69	50	0.13	-	-	56	0.14	-	-
Tach Gayint .....	19,604	96.71	645	3.18	-	-	21	0.10	-	-	-	-
Simada .....	46,078	97.97	850	1.81	105	0.22	-	-	-	-	-	-
Estie .....	62,363	98.23	856	1.35	158	0.25	112	0.18	-	-	-	-
Dera.....	42,697	98.43	545	1.26	134	0.31	-	-	-	-	-	-
North Wollo Zone.....	304,768	99.06	2,322	0.75	499	0.16	33	0.01	47	0.02	-	-
Bugna .....	46,164	98.82	428	0.92	124	0.27	-	-	-	-	-	-
Kobo.....	41,339	99.68	86	0.21	-	-	-	-	47	0.11	-	-
Gidan.....	34,193	98.94	259	0.75	108	0.31	-	-	-	-	-	-
Meket .....	47,367	98.46	516	1.07	224	0.47	-	-	-	-	-	-
Wadala .....	26,356	98.86	272	1.02	-	-	33	0.12	-	-	-	-
Dawutna Delanta .....	35,416	98.62	494	1.38	-	-	-	-	-	-	-	-
Guba Lafto .....	35,435	99.54	165	0.46	-	-	-	-	-	-	-	-
Habru .....	38,500	99.62	102	0.26	43	0.11	-	-	-	-	-	-
South Wollo Zone.....	488,325	99.28	3,012	0.61	487	0.10	36	0.01	-	-	-	-
Mekdela .....	30,618	99.63	113	0.37	-	-	-	-	-	-	-	-
Tenta .....	34,905	98.43	507	1.43	48	0.14	-	-	-	-	-	-
Kutaber.....	21,442	99.03	182	0.84	28	0.13	-	-	-	-	-	-
Ambasel .....	26,074	98.90	255	0.97	-	-	36	0.14	-	-	-	-
Tehuledere .....	23,577	99.60	63	0.27	31	0.13	-	-	-	-	-	-
Werebabu .....	21,205	99.74	55	0.26	-	-	-	-	-	-	-	-
Kalu.....	38,990	99.52	110	0.28	77	0.20	-	-	-	-	-	-
Dessie Zuria .....	64,418	99.21	516	0.79	-	-	-	-	-	-	-	-
Legambo .....	35,283	99.12	315	0.88	-	-	-	-	-	-	-	-
Sayint .....	44,613	99.46	181	0.40	59	0.13	-	-	-	-	-	-
Debresina .....	36,520	99.58	99	0.27	54	0.15	-	-	-	-	-	-
Kelala .....	29,666	99.14	182	0.61	76	0.25	-	-	-	-	-	-
Jama .....	24,933	99.46	135	0.54	-	-	-	-	-	-	-	-
Were Ilu .....	29,454	99.12	147	0.49	114	0.38	-	-	-	-	-	-
Wegde .....	26,625	99.42	154	0.58	-	-	-	-	-	-	-	-
North Shewa (Amhara) Zone .....	329,138	97.16	7,551	2.23	1,933	0.57	112	0.03	29	0.01	-	-
Middana Weremo .....	16,532	99.28	120	0.72	-	-	-	-	-	-	-	-
Merhabete .....	22,971	99.72	29	0.13	35	0.15	-	-	-	-	-	-
Insarona Wayu.....	24,096	98.26	427	1.74	-	-	-	-	-	-	-	-
Moretna Jiru.....	17,187	99.41	102	0.59	-	-	-	-	-	-	-	-



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

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	%
North Shewa (Amhara) Zone.....												
Gera Keya .....	27,038	99.16	192	0.70	38	0.14	-	-	-	-	-	-
Geshe .....	11,587	99.03	99	0.85	15	0.13	-	-	-	-	-	-
Antsokiya Gemza .....	12,917	99.48	68	0.52	-	-	-	-	-	-	-	-
Efratana Gidim .....	18,585	99.27	136	0.73	-	-	-	-	-	-	-	-
Lalo Midir .....	23,437	98.56	343	1.44	-	-	-	-	-	-	-	-
Mojana Wadera .....	14,813	98.83	123	0.82	53	0.35	-	-	-	-	-	-
Tarma Ber .....	17,074	99.56	76	0.44	-	-	-	-	-	-	-	-
Kewet .....	20,313	99.58	64	0.31	22	0.11	-	-	-	-	-	-
Asagirt .....	9,583	99.56	42	0.44	-	-	-	-	-	-	-	-
Angolelana Tera .....	14,523	97.27	351	2.35	56	0.38	-	-	-	-	-	-
Ankober .....	15,834	100.00	-	-	-	-	-	-	-	-	-	-
Hagere Mariam .....	10,582	99.32	72	0.68	-	-	-	-	-	-	-	-
Berehet .....	5,397	99.69	17	0.31	-	-	-	-	-	-	-	-
Minjarna Shenkora .....	16,172	70.56	4,929	21.51	1,678	7.32	112	0.49	29	0.13	-	-
Basona Werana .....	30,499	98.72	360	1.17	35	0.11	-	-	-	-	-	-
East Gojam Zone .....	371,130	98.39	5,131	1.36	885	0.23	27	0.01	35	0.01	-	-
Bibugn .....	20,139	98.82	158	0.78	83	0.41	-	-	-	-	-	-
Hulet Ej Enese .....	42,387	98.75	467	1.09	68	0.16	-	-	-	-	-	-
Goncha Siso Enese .....	26,154	98.21	446	1.67	31	0.12	-	-	-	-	-	-
Enbise Sar Midir .....	25,772	98.20	405	1.54	32	0.12	-	-	35	0.13	-	-
Enarj Enawga .....	30,363	96.67	971	3.09	74	0.24	-	-	-	-	-	-
Enemay .....	25,273	96.07	959	3.65	75	0.29	-	-	-	-	-	-
Debay Telatgen .....	23,545	97.37	601	2.49	36	0.15	-	-	-	-	-	-
Machakel .....	38,227	99.47	106	0.28	99	0.26	-	-	-	-	-	-
Guzamn .....	42,443	99.13	184	0.43	187	0.44	-	-	-	-	-	-
Baso Liben .....	26,024	99.74	41	0.16	-	-	27	0.10	-	-	-	-
Awabel .....	31,707	98.74	310	0.97	94	0.29	-	-	-	-	-	-
Dejen .....	19,980	98.58	240	1.18	47	0.23	-	-	-	-	-	-
Shebel Berenta .....	19,116	98.44	244	1.26	59	0.30	-	-	-	-	-	-
West Gojam Zone .....	367,754	98.92	3,002	0.81	781	0.21	189	0.05	37	0.01	-	-
Achefer .....	47,380	98.73	532	1.11	78	0.16	-	-	-	-	-	-
Bahir Dar Zuria .....	44,422	99.21	284	0.63	71	0.16	-	-	-	-	-	-
Yilman Densa .....	52,594	98.53	480	0.90	229	0.43	75	0.14	-	-	-	-
Merawi .....	47,368	99.07	443	0.93	-	-	-	-	-	-	-	-
Sekela .....	25,495	99.01	161	0.63	95	0.37	-	-	-	-	-	-
Kuarit .....	29,798	99.29	176	0.59	38	0.13	-	-	-	-	-	-
Dega Damot .....	28,349	98.50	362	1.26	33	0.11	-	-	37	0.13	-	-
Dembecha .....	21,718	99.19	85	0.39	70	0.32	23	0.11	-	-	-	-
Jabi Tehnan .....	35,345	99.29	160	0.45	-	-	91	0.26	-	-	-	-
Bure Wemberma .....	35,285	98.64	320	0.89	167	0.47	-	-	-	-	-	-
Waghamra Zone .....	74,817	98.89	573	0.76	131	0.17	116	0.15	-	-	17	0.02
Zikuala .....	13,058	98.14	200	1.50	11	0.08	19	0.14	-	-	17	0.13
Sekota .....	33,415	99.04	183	0.54	45	0.13	97	0.29	-	-	-	-
Dehana .....	28,347	99.08	189	0.66	74	0.26	-	-	-	-	-	-
Awii Zone .....	151,113	98.95	1,126	0.74	353	0.23	46	0.03	85	0.06	-	-
Dangela .....	33,658	99.00	339	1.00	-	-	-	-	-	-	-	-
Banja .....	25,733	99.25	123	0.47	71	0.27	-	-	-	-	-	-
Ankesha .....	37,633	98.89	333	0.88	90	0.24	-	-	-	-	-	-
Guangua .....	30,904	98.82	81	0.26	157	0.50	46	0.15	85	0.27	-	-
Faggeta Lekoma .....	23,185	98.78	250	1.07	36	0.15	-	-	-	-	-	-
Oromia Zone .....	72,221	99.39	354	0.49	62	0.09	-	-	26	0.04	-	-
Chefe Golana Dawe Rahimedo .....	29,911	99.45	102	0.34	36	0.12	-	-	26	0.09	-	-
Bati .....	16,131	98.91	178	1.09	-	-	-	-	-	-	-	-
Jile Tsumiga .....	11,776	99.48	62	0.52	-	-	-	-	-	-	-	-
Artuma Fursi .....	14,405	99.74	12	0.08	25	0.17	-	-	-	-	-	-



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	%
Amhara Region .....	1,186,462	39.69	898,018	30.04	630,648	21.10	186,040	6.22	59,456	1.99	28,730	0.96
North Gondar Zone .....	161,419	37.82	129,596	30.36	91,683	21.48	29,989	7.03	8,907	2.09	5,204	1.22
Addi Arkay.....	6,474	26.98	8,687	36.21	6,139	25.59	2,227	9.28	379	1.58	86	0.36
Beyeda.....	4,239	24.17	5,305	30.25	5,250	29.94	1,926	10.98	557	3.18	260	1.48
Janamora.....	7,368	25.25	6,581	22.55	9,850	33.75	3,982	13.64	1,067	3.66	336	1.15
Debark.....	4,716	21.94	6,920	32.20	5,927	27.58	2,459	11.44	1,021	4.75	449	2.09
Dabat.....	8,558	34.82	7,519	30.59	6,161	25.07	1,620	6.59	476	1.94	244	0.99
Sanja.....	8,138	33.19	10,471	42.70	5,013	20.44	761	3.10	140	0.57	-	-
Lay Armacheho.....	10,243	41.01	8,019	32.11	4,531	18.14	1,454	5.82	489	1.96	239	0.96
Wegera.....	11,478	30.97	9,458	25.52	9,435	25.46	4,474	12.07	1,330	3.59	882	2.38
Gondar Zuria.....	14,941	38.35	9,833	25.24	7,960	20.43	3,542	9.09	1,513	3.88	1,168	3.00
Dembia.....	25,782	62.47	12,933	31.34	2,129	5.16	213	0.52	159	0.39	56	0.14
Chilga.....	14,337	44.41	8,799	27.25	6,618	20.50	2,084	6.45	287	0.89	161	0.50
Metema.....	6,747	66.46	2,536	24.98	666	6.56	132	1.30	44	0.43	27	0.27
Quara.....	3,055	32.50	4,805	51.11	1,411	15.01	109	1.16	-	-	21	0.22
Alefa.....	17,753	38.39	15,596	33.73	10,183	22.02	1,985	4.29	166	0.36	561	1.21
Belesa.....	17,593	38.97	12,133	26.87	10,409	23.06	3,020	6.69	1,279	2.83	714	1.58
South Gondar Zone .....	154,086	41.17	98,331	26.27	78,879	21.08	27,289	7.29	10,210	2.73	5,457	1.46
Ebenat.....	16,194	38.59	10,173	24.24	9,724	23.17	3,802	9.06	1,338	3.19	738	1.76
Kemekem.....	13,406	43.55	7,884	25.61	5,597	18.18	2,440	7.93	1,040	3.38	419	1.36
Fogera.....	22,109	54.73	9,838	24.36	6,034	14.94	1,711	4.24	368	0.91	333	0.82
Farta.....	16,696	35.05	13,053	27.40	10,607	22.27	4,295	9.02	1,886	3.96	1,097	2.30
Lay Gayint.....	11,626	29.58	12,818	32.61	10,182	25.91	3,236	8.23	989	2.52	452	1.15
Tach Gayint.....	9,054	44.67	4,535	22.37	4,235	20.89	1,801	8.89	350	1.73	295	1.46
Simada.....	20,796	44.22	11,417	24.27	9,530	20.26	3,612	7.68	1,248	2.65	430	0.91
Estie.....	23,760	37.42	16,601	26.15	15,224	23.98	4,252	6.70	2,473	3.90	1,179	1.86
Dera.....	20,447	47.14	12,012	27.69	7,745	17.86	2,140	4.93	519	1.20	513	1.18
North Wollo Zone.....	128,171	41.66	99,749	32.42	58,535	19.03	15,233	4.95	4,565	1.48	1,416	0.46
Bugna.....	15,605	33.40	14,078	30.14	11,849	25.36	3,545	7.59	1,487	3.18	152	0.33
Kobo.....	22,581	54.45	11,313	27.28	6,104	14.72	1,104	2.66	207	0.50	163	0.39
Gidan.....	12,185	35.26	15,630	45.23	5,541	16.03	1,014	2.93	91	0.26	99	0.29
Meket.....	14,804	30.77	15,105	31.40	12,632	26.26	4,397	9.14	965	2.01	204	0.42
Wadala.....	7,233	27.13	9,442	35.42	7,416	27.82	1,672	6.27	590	2.21	308	1.16
Dawutna Delanta.....	12,881	35.87	12,735	35.46	7,331	20.41	1,977	5.51	711	1.98	275	0.77
Guba Lafto.....	19,396	54.48	12,515	35.15	3,040	8.54	391	1.10	215	0.60	43	0.12
Habru.....	23,487	60.78	8,932	23.11	4,622	11.96	1,132	2.93	299	0.77	173	0.45
South Wollo Zone.....	197,481	40.15	160,485	32.63	99,107	20.15	25,337	5.15	5,961	1.21	3,489	0.71
Mekdela.....	10,242	33.33	13,294	43.26	5,432	17.68	1,440	4.69	164	0.53	159	0.52
Tenta.....	15,289	43.12	14,037	39.59	5,117	14.43	772	2.18	197	0.56	48	0.14
Kutaber.....	6,591	30.44	8,460	39.07	4,714	21.77	1,548	7.15	241	1.11	98	0.45
Ambasel.....	10,037	38.07	9,865	37.42	4,842	18.37	1,246	4.73	202	0.77	173	0.66
Tehuledere.....	12,283	51.89	6,730	28.43	3,537	14.94	748	3.16	201	0.85	172	0.73
Werebabu.....	9,557	44.95	8,047	37.85	2,706	12.73	804	3.78	116	0.55	30	0.14
Kalu.....	20,589	52.55	10,294	26.28	6,117	15.61	1,663	4.24	415	1.06	99	0.25
Dessie Zuria.....	25,500	39.27	19,724	30.38	14,023	21.60	3,262	5.02	1,446	2.23	979	1.51
Legambo.....	15,291	42.95	13,574	38.13	5,585	15.69	1,022	2.87	84	0.24	42	0.12
Sayint.....	12,409	27.67	12,667	28.24	14,230	31.73	4,247	9.47	768	1.71	532	1.19
Debresina.....	15,222	41.51	8,491	23.15	9,583	26.13	2,450	6.68	594	1.62	333	0.91
Kelala.....	11,828	39.53	8,548	28.57	6,674	22.30	2,184	7.30	511	1.71	179	0.60
Jama.....	10,042	40.06	7,932	31.64	5,329	21.26	1,223	4.88	332	1.32	210	0.84
Were Ilu.....	10,526	35.42	12,152	40.90	5,640	18.98	1,107	3.73	254	0.85	36	0.12
Wegde.....	12,072	45.08	6,671	24.91	5,579	20.83	1,621	6.05	437	1.63	399	1.49
North Shewa (Amhara) Zone.....	158,317	46.73	104,810	30.94	58,012	17.12	12,936	3.82	3,421	1.01	1,267	0.37
Middana Weremo.....	8,304	49.87	4,965	29.82	2,486	14.93	519	3.12	240	1.44	138	0.83
Merhabete.....	17,183	74.60	4,058	17.62	1,318	5.72	212	0.92	126	0.55	138	0.60
Insarona Wayu.....	14,111	57.54	6,414	26.16	3,464	14.13	478	1.95	56	0.23	-	-
Moretna Jiru.....	10,878	62.92	3,645	21.08	2,241	12.96	369	2.13	134	0.78	22	0.13



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

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	%
North Shewa (Amhara) Zone.....												
Gera Keya .....	9,964	36.54	10,053	36.87	5,347	19.61	1,642	6.02	226	0.83	36	0.13
Geshe .....	3,179	27.17	3,917	33.48	3,268	27.93	1,173	10.02	119	1.02	45	0.38
Antsokiya Gemza.....	6,342	48.84	4,600	35.43	1,634	12.58	344	2.65	65	0.50	-	-
Efratana Gidim.....	11,239	60.03	5,254	28.06	1,799	9.61	304	1.62	103	0.55	22	0.12
Lalo Midir.....	7,167	30.14	8,236	34.63	6,479	27.25	1,323	5.56	485	2.04	90	0.38
Mojana Wadera.....	4,935	32.92	5,114	34.12	3,808	25.41	846	5.64	182	1.21	104	0.69
Tarma Ber .....	11,411	66.54	3,321	19.36	2,006	11.70	353	2.06	17	0.10	42	0.24
Kewet .....	14,015	68.70	4,695	23.02	1,314	6.44	203	1.00	172	0.84	-	-
Asagirt.....	3,497	36.33	3,998	41.54	1,984	20.61	134	1.39	12	0.12	-	-
Angolelana Tera.....	5,083	34.05	6,767	45.32	2,778	18.61	210	1.41	92	0.62	-	-
Ankober.....	7,300	46.10	5,773	36.46	2,308	14.58	310	1.96	123	0.78	20	0.13
Hagere Mariam .....	2,995	28.11	3,691	34.64	2,848	26.73	780	7.32	266	2.50	74	0.69
Berehet .....	1,306	24.12	2,203	40.69	1,297	23.96	462	8.53	83	1.53	63	1.16
Minjarna Shenkora.....	9,878	43.10	5,445	23.76	4,704	20.52	1,870	8.16	647	2.82	376	1.64
Basona Werana .....	9,530	30.85	12,662	40.99	6,928	22.43	1,404	4.54	272	0.88	98	0.32
East Gojam Zone .....	140,407	37.22	118,792	31.49	81,976	21.73	24,657	6.54	8,177	2.17	3,199	0.85
Bibugn.....	9,110	44.70	6,497	31.88	3,179	15.60	1,150	5.64	247	1.21	197	0.97
Hulet Ej Enese .....	17,132	39.91	13,762	32.06	8,877	20.68	1,863	4.34	940	2.19	348	0.81
Goncha Siso Enese.....	10,774	40.46	8,218	30.86	5,543	20.81	1,622	6.09	268	1.01	206	0.77
Enbise Sar Midir.....	9,465	36.07	8,711	33.19	6,206	23.65	1,336	5.09	407	1.55	119	0.45
Enarj Enawga .....	13,258	42.21	9,118	29.03	6,909	22.00	1,603	5.10	353	1.12	167	0.53
Enemay .....	11,584	44.03	8,596	32.68	4,567	17.36	1,206	4.58	313	1.19	41	0.16
Debay Telatgen.....	8,514	35.21	10,926	45.18	3,512	14.52	858	3.55	177	0.73	195	0.81
Machakel.....	9,537	24.82	11,668	30.36	11,062	28.78	4,085	10.63	1,597	4.16	483	1.26
Guzamn .....	10,419	24.34	19,054	44.50	10,183	23.78	2,243	5.24	671	1.57	244	0.57
Baso Liben .....	10,163	38.95	5,865	22.48	5,881	22.54	2,770	10.62	976	3.74	437	1.67
Awabel .....	9,938	30.95	8,279	25.78	8,629	26.87	3,346	10.42	1,358	4.23	561	1.75
Dejen .....	8,551	42.19	4,254	20.99	4,468	22.05	2,222	10.96	598	2.95	174	0.86
Shebel Berenta.....	11,963	61.60	3,844	19.80	2,958	15.23	353	1.82	273	1.41	28	0.14
West Gojam Zone .....	130,373	35.07	110,901	29.83	91,271	24.55	25,930	6.97	8,523	2.29	4,765	1.28
Achefer.....	14,745	30.73	17,197	35.83	12,584	26.22	2,729	5.69	613	1.28	122	0.25
Bahir Dar Zuria.....	17,333	38.71	12,187	27.22	10,671	23.83	3,426	7.65	746	1.67	414	0.92
Yilman Densa .....	23,790	44.57	11,886	22.27	11,628	21.78	3,757	7.04	1,741	3.26	576	1.08
Merawi .....	16,568	34.65	17,031	35.62	10,711	22.40	2,565	5.36	820	1.72	116	0.24
Sekela .....	7,304	28.36	11,852	46.03	5,904	22.93	619	2.40	72	0.28	-	-
Kuarit .....	10,605	35.34	9,839	32.78	6,872	22.90	2,272	7.57	354	1.18	70	0.23
Dega Damot .....	11,933	41.46	9,912	34.44	5,691	19.77	1,009	3.51	203	0.71	33	0.11
Dembecha .....	4,750	21.69	5,280	24.11	6,584	30.07	3,198	14.61	1,154	5.27	930	4.25
Jabi Tehnan .....	12,397	34.83	9,204	25.86	9,472	26.61	2,835	7.96	935	2.63	753	2.12
Bure Wemberma.....	10,950	30.61	6,513	18.21	11,153	31.18	3,520	9.84	1,885	5.27	1,751	4.89
Waghamra Zone.....	18,543	24.51	22,736	30.05	22,151	29.28	7,964	10.53	3,389	4.48	871	1.15
Zikuala.....	3,207	24.10	3,938	29.60	3,692	27.75	1,340	10.07	840	6.31	288	2.16
Sekota.....	9,059	26.85	10,684	31.67	9,371	27.77	3,212	9.52	1,177	3.49	237	0.70
Dehana .....	6,279	21.95	8,115	28.36	9,087	31.76	3,411	11.92	1,372	4.80	346	1.21
Awbi Zone .....	51,213	33.53	37,555	24.59	41,039	26.87	14,862	9.73	5,655	3.70	2,399	1.57
Dangela.....	8,852	26.04	7,760	22.83	10,817	31.82	4,758	14.00	1,455	4.28	355	1.04
Banja .....	8,164	31.49	8,577	33.08	7,083	27.32	1,487	5.74	514	1.98	102	0.39
Ankesha .....	16,190	42.54	6,871	18.05	9,139	24.01	3,646	9.58	1,246	3.27	964	2.53
Guangua.....	11,308	36.16	6,240	19.95	8,018	25.64	3,088	9.87	1,874	5.99	745	2.38
Faggeta Lekoma.....	6,699	28.54	8,107	34.54	5,983	25.49	1,882	8.02	567	2.42	233	0.99
Oromia Zone .....	46,451	63.93	15,063	20.73	7,996	11.00	1,843	2.54	647	0.89	663	0.91
Chefe Golana Dawe Rahimedo	18,227	60.61	5,624	18.70	4,249	14.13	1,155	3.84	414	1.38	406	1.35
Bati .....	9,812	60.16	4,408	27.03	1,706	10.46	137	0.84	120	0.74	126	0.77
Jile Tsumiga.....	8,063	68.11	2,389	20.18	993	8.39	251	2.12	40	0.34	102	0.86
Artuma Fursi .....	10,352	71.68	2,643	18.30	1,048	7.26	299	2.07	71	0.49	29	0.20



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	%
Amhara Region.....	2,724,500	91.14	131,497	4.40	72,643	2.43	25,411	0.85	17,879	0.60	17,424	0.58
North Gondar Zone.....	401,496	94.07	14,962	3.51	7,607	1.78	1,896	0.44	641	0.15	196	0.05
Addi Arkay.....	20,598	85.85	1,219	5.08	1,047	4.36	966	4.03	131	0.55	31	0.13
Beyeda.....	16,762	95.58	346	1.97	228	1.30	133	0.76	49	0.28	19	0.11
Janamora.....	28,077	96.21	992	3.40	83	0.28	32	0.11	-	-	-	-
Debark.....	20,844	96.98	496	2.31	127	0.59	-	-	-	-	25	0.12
Dabat.....	23,744	96.61	510	2.08	250	1.02	28	0.11	-	-	46	0.19
Sanja.....	23,152	94.41	732	2.98	475	1.94	76	0.31	88	0.36	-	-
Lay Armacheho.....	23,146	92.68	1,074	4.30	551	2.21	106	0.42	98	0.39	-	-
Wegera.....	34,606	93.39	1,634	4.41	624	1.68	158	0.43	-	-	35	0.09
Gondar Zuria.....	38,211	98.09	293	0.75	338	0.87	48	0.12	67	0.17	-	-
Dembia.....	38,007	92.09	1,033	2.50	2,053	4.97	113	0.27	66	0.16	-	-
Chilga.....	30,262	93.73	1,574	4.88	450	1.39	-	-	-	-	-	-
Metema.....	9,711	95.66	401	3.95	12	0.12	28	0.28	-	-	-	-
Quara.....	9,166	97.50	101	1.07	75	0.80	19	0.20	-	-	40	0.43
Alefa.....	42,693	92.32	2,788	6.03	617	1.33	73	0.16	73	0.16	-	-
Belesa.....	42,518	94.17	1,769	3.92	676	1.50	116	0.26	69	0.15	-	-
South Gondar Zone.....	356,617	95.29	11,939	3.19	4,293	1.15	748	0.20	554	0.15	101	0.03
Ebenat.....	40,018	95.35	1,223	2.91	617	1.47	111	0.26	-	-	-	-
Kemekem.....	28,059	91.14	2,294	7.45	292	0.95	105	0.34	36	0.12	-	-
Fogera.....	36,977	91.54	2,190	5.42	1,012	2.51	103	0.25	111	0.27	-	-
Farta.....	46,889	98.44	404	0.85	199	0.42	71	0.15	71	0.15	-	-
Lay Gayint.....	36,902	93.89	1,475	3.75	531	1.35	144	0.37	210	0.53	41	0.10
Tach Gayint.....	20,094	99.13	121	0.60	25	0.12	30	0.15	-	-	-	-
Simada.....	46,672	99.23	191	0.41	120	0.26	-	-	50	0.11	-	-
Estie.....	62,370	98.24	969	1.53	74	0.12	-	-	76	0.12	-	-
Dera.....	38,636	89.07	3,073	7.08	1,423	3.28	184	0.42	-	-	60	0.14
North Wollo Zone.....	232,425	75.54	40,563	13.18	20,178	6.56	7,598	2.47	3,848	1.25	3,057	0.99
Bugna.....	42,623	91.24	2,551	5.46	1,201	2.57	217	0.46	-	-	124	0.27
Kobo.....	32,338	77.98	4,696	11.32	2,903	7.00	729	1.76	402	0.97	404	0.97
Gidan.....	22,688	65.65	7,386	21.37	3,664	10.60	781	2.26	41	0.12	-	-
Meket.....	39,413	81.93	4,477	9.31	2,387	4.96	1,184	2.46	511	1.06	135	0.28
Wadala.....	19,270	72.28	5,396	20.24	1,504	5.64	233	0.87	258	0.97	-	-
Dawutna Delanta.....	28,544	79.49	5,499	15.31	1,663	4.63	102	0.28	57	0.16	45	0.13
Guba Lafto.....	21,388	60.08	7,514	21.11	3,924	11.02	1,337	3.76	829	2.33	608	1.71
Habru.....	26,161	67.70	3,045	7.88	2,933	7.59	3,014	7.80	1,750	4.53	1,742	4.51
South Wollo Zone.....	424,528	86.31	31,477	6.40	17,760	3.61	6,267	1.27	5,449	1.11	6,379	1.30
Mekdela.....	22,261	72.44	4,624	15.05	3,384	11.01	368	1.20	47	0.15	47	0.15
Tenta.....	28,407	80.11	3,342	9.42	994	2.80	1,347	3.80	639	1.80	731	2.06
Kutaber.....	21,224	98.02	111	0.51	182	0.84	56	0.26	-	-	79	0.36
Ambasel.....	20,454	77.58	3,711	14.08	1,491	5.66	296	1.12	385	1.46	28	0.11
Tehuledere.....	21,945	92.71	235	0.99	266	1.12	124	0.52	521	2.20	580	2.45
Werebabu.....	14,025	65.97	529	2.49	448	2.11	1,292	6.08	2,351	11.06	2,615	12.30
Kalu.....	33,248	84.87	1,480	3.78	1,541	3.93	413	1.05	921	2.35	1,574	4.02
Dessie Zuria.....	53,975	83.12	6,677	10.28	3,136	4.83	739	1.14	-	-	407	0.63
Legambo.....	27,674	77.74	4,897	13.76	2,262	6.35	427	1.20	255	0.72	83	0.23
Sayint.....	42,636	95.06	1,492	3.33	607	1.35	68	0.15	50	0.11	-	-
Debresina.....	33,251	90.67	2,412	6.58	775	2.11	190	0.52	45	0.12	-	-
Kelala.....	27,242	91.04	249	0.83	1,269	4.24	732	2.45	197	0.66	235	0.79
Jama.....	24,278	96.85	486	1.94	271	1.08	33	0.13	-	-	-	-
Were Ilu.....	28,010	94.26	718	2.42	874	2.94	113	0.38	-	-	-	-
Wegde.....	25,898	96.71	515	1.92	260	0.97	70	0.26	36	0.13	-	-
North Shewa (Amhara) Zone.....	312,182	92.15	11,526	3.40	8,387	2.48	2,699	0.80	2,149	0.63	1,820	0.54
Middana Weremo.....	16,040	96.32	374	2.25	194	1.17	-	-	22	0.13	22	0.13
Merhabete.....	18,824	81.72	1,919	8.33	1,411	6.13	352	1.53	256	1.11	273	1.19
Insarona Wayu.....	22,524	91.85	491	2.00	787	3.21	297	1.21	278	1.13	146	0.60
Moretna Jiru.....	14,555	84.19	1,143	6.61	909	5.26	315	1.82	198	1.15	169	0.98



Table 8.16B:- Number of Crop Holders that Owned Threshing Stick by Geographic Area. (Continued.)

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	%
North Shewa (Amhara) Zone.....												
Gera Keya .....	22,657	83.09	2,742	10.06	1,477	5.42	351	1.29	41	0.15	-	-
Geshe.....	10,893	93.09	603	5.15	177	1.51	28	0.24	-	-	-	-
Antsokiya Gemza.....	11,504	88.59	832	6.41	429	3.30	122	0.94	82	0.63	16	0.12
Efratana Gidim.....	16,771	89.58	301	1.61	403	2.15	238	1.27	505	2.70	503	2.69
Lalo Midir.....	21,837	91.83	845	3.55	754	3.17	288	1.21	56	0.24	-	-
Mojana Wadera.....	14,087	93.98	584	3.90	183	1.22	96	0.64	39	0.26	-	-
Tarma Ber.....	16,279	94.92	69	0.40	163	0.95	23	0.13	198	1.15	418	2.44
Kewet.....	18,939	92.84	373	1.83	458	2.25	249	1.22	231	1.13	149	0.73
Asagirt.....	9,204	95.63	236	2.45	149	1.55	25	0.26	11	0.11	-	-
Angolelana Tera.....	14,688	98.38	129	0.86	93	0.62	20	0.13	-	-	-	-
Ankober.....	15,308	96.68	60	0.38	308	1.95	65	0.41	71	0.45	22	0.14
Hagere Mariam.....	10,503	98.58	24	0.23	71	0.67	34	0.32	11	0.10	11	0.10
Berehet.....	5,146	95.05	-	-	31	0.57	65	1.20	115	2.12	57	1.05
Minjarna Shenkora.....	22,863	99.75	31	0.14	-	-	26	0.11	-	-	-	-
Basona Werana.....	29,561	95.69	771	2.50	390	1.26	104	0.34	34	0.11	34	0.11
East Gojam Zone .....	352,388	93.42	11,665	3.09	7,020	1.86	2,968	0.79	2,390	0.63	777	0.21
Bibugn.....	19,974	98.01	225	1.10	128	0.63	53	0.26	-	-	-	-
Hulet Ej Enese.....	42,406	98.80	407	0.95	59	0.14	-	-	-	-	50	0.12
Goncha Siso Enese.....	26,190	98.34	378	1.42	63	0.24	-	-	-	-	-	-
Enbise Sar Midir.....	26,120	99.53	85	0.32	39	0.15	-	-	-	-	-	-
Enarj Enawga.....	30,659	97.62	749	2.38	-	-	-	-	-	-	-	-
Enemy.....	24,695	93.87	796	3.03	516	1.96	245	0.93	55	0.21	-	-
Debay Telatgen.....	20,693	85.57	1,751	7.24	1,436	5.94	117	0.48	151	0.62	34	0.14
Machakel.....	35,256	91.74	1,339	3.48	689	1.79	644	1.68	451	1.17	53	0.14
Guzamn.....	37,202	86.89	2,991	6.99	1,282	2.99	662	1.55	501	1.17	176	0.41
Baso Liben.....	19,876	76.18	1,697	6.50	2,044	7.83	1,045	4.01	1,099	4.21	331	1.27
Awabel.....	31,066	96.75	668	2.08	303	0.94	38	0.12	36	0.11	-	-
Dejen.....	19,371	95.58	297	1.47	302	1.49	129	0.64	67	0.33	101	0.50
Shebel Berenta.....	18,882	97.23	282	1.45	158	0.81	33	0.17	31	0.16	33	0.17
West Gojam Zone .....	364,797	98.13	4,003	1.08	2,006	0.54	779	0.21	120	0.03	58	0.02
Achefer.....	47,085	98.11	560	1.17	152	0.32	134	0.28	59	0.12	-	-
Bahir Dar Zuria.....	43,080	96.21	896	2.00	568	1.27	233	0.52	-	-	-	-
Yilman Densa.....	53,378	100.00	-	-	-	-	-	-	-	-	-	-
Merawi.....	46,380	97.01	1,372	2.87	59	0.12	-	-	-	-	-	-
Sekela.....	25,448	98.82	132	0.51	133	0.52	38	0.15	-	-	-	-
Kuarit.....	29,744	99.11	80	0.27	188	0.63	-	-	-	-	-	-
Dega Damot.....	27,852	96.77	214	0.74	635	2.21	80	0.28	-	-	-	-
Dembecha.....	21,726	99.22	30	0.14	114	0.52	26	0.12	-	-	-	-
Jabi Tehnan.....	34,809	97.79	693	1.95	94	0.26	-	-	-	-	-	-
Bure Wemberma.....	35,297	98.67	27	0.08	61	0.17	268	0.75	61	0.17	58	0.16
Waghamra Zone.....	68,303	90.28	2,385	3.15	2,538	3.35	1,008	1.33	636	0.84	784	1.04
Zikuala.....	10,324	77.59	1,016	7.64	893	6.71	583	4.38	210	1.58	279	2.10
Sekota.....	31,715	94.00	337	1.00	530	1.57	346	1.03	347	1.03	465	1.38
Dehana.....	26,263	91.80	1,033	3.61	1,114	3.89	80	0.28	80	0.28	40	0.14
Awii Zone .....	150,419	98.49	1,263	0.83	936	0.61	105	0.07	-	-	-	-
Dangela.....	33,536	98.64	204	0.60	218	0.64	39	0.11	-	-	-	-
Banja.....	25,382	97.90	183	0.71	326	1.26	36	0.14	-	-	-	-
Ankesha.....	37,868	99.51	90	0.24	98	0.26	-	-	-	-	-	-
Guangua.....	30,282	96.83	757	2.42	234	0.75	-	-	-	-	-	-
Faggeta Lekoma.....	23,353	99.50	28	0.12	60	0.26	30	0.13	-	-	-	-
Oromia Zone .....	61,341	84.42	1,715	2.36	1,920	2.64	1,343	1.85	2,092	2.88	4,252	5.85
Chefe Golana Dawe Rahimedo.....	24,975	83.04	953	3.17	1,148	3.82	756	2.51	888	2.95	1,355	4.51
Bati.....	11,618	71.24	254	1.56	522	3.20	435	2.67	1,041	6.38	2,439	14.95
Jile Tsumiga.....	10,860	91.74	279	2.36	149	1.26	93	0.79	51	0.43	406	3.43
Artuma Fursi.....	13,891	96.18	229	1.59	100	0.69	59	0.41	112	0.78	51	0.35



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	%
Amhara Region.....	2,980,990	99.72	7,339	0.25	714	0.02	138	0.00	16	0.00	157	0.01
North Gondar Zone.....	425,656	99.73	1,017	0.24	125	0.03	-	-	-	-	-	-
Addi Arkay .....	23,884	99.55	108	0.45	-	-	-	-	-	-	-	-
Beyeda .....	17,537	100.00	-	-	-	-	-	-	-	-	-	-
Janamora .....	29,093	99.69	91	0.31	-	-	-	-	-	-	-	-
Debark.....	21,437	99.74	55	0.26	-	-	-	-	-	-	-	-
Dabat.....	24,550	99.89	28	0.11	-	-	-	-	-	-	-	-
Sanja.....	24,481	99.83	42	0.17	-	-	-	-	-	-	-	-
Lay Armacheho .....	24,943	99.87	32	0.13	-	-	-	-	-	-	-	-
Wegera .....	37,057	100.00	-	-	-	-	-	-	-	-	-	-
Gondar Zuria.....	38,803	99.60	98	0.25	56	0.14	-	-	-	-	-	-
Dembia.....	41,122	99.64	150	0.36	-	-	-	-	-	-	-	-
Chilga.....	32,180	99.67	106	0.33	-	-	-	-	-	-	-	-
Metema .....	10,152	100.00	-	-	-	-	-	-	-	-	-	-
Quara.....	9,393	99.91	8	0.09	-	-	-	-	-	-	-	-
Alefa.....	46,081	99.65	163	0.35	-	-	-	-	-	-	-	-
Belesa.....	44,944	99.55	135	0.30	69	0.15	-	-	-	-	-	-
South Gondar Zone.....	373,263	99.74	880	0.24	47	0.01	62	0.02	-	-	-	-
Ebenat .....	41,878	99.78	91	0.22	-	-	-	-	-	-	-	-
Kemekem.....	30,743	99.86	43	0.14	-	-	-	-	-	-	-	-
Fogera .....	40,348	99.89	45	0.11	-	-	-	-	-	-	-	-
Farta .....	47,634	100.00	-	-	-	-	-	-	-	-	-	-
Lay Gayint .....	39,136	99.58	167	0.42	-	-	-	-	-	-	-	-
Tach Gayint .....	20,196	99.63	27	0.13	47	0.23	-	-	-	-	-	-
Simada .....	46,852	99.62	119	0.25	-	-	62	0.13	-	-	-	-
Estie .....	63,165	99.49	324	0.51	-	-	-	-	-	-	-	-
Dera.....	43,311	99.85	65	0.15	-	-	-	-	-	-	-	-
North Wollo Zone.....	306,771	99.71	695	0.23	96	0.03	49	0.02	-	-	58	0.02
Bugna .....	46,716	100.00	-	-	-	-	-	-	-	-	-	-
Kobo.....	41,263	99.50	113	0.27	96	0.23	-	-	-	-	-	-
Gidan.....	34,524	99.90	36	0.10	-	-	-	-	-	-	-	-
Meket .....	47,886	99.54	114	0.24	-	-	49	0.10	-	-	58	0.12
Wadala .....	26,562	99.63	99	0.37	-	-	-	-	-	-	-	-
Dawutna Delanta .....	35,669	99.33	241	0.67	-	-	-	-	-	-	-	-
Guba Lafto .....	35,510	99.75	90	0.25	-	-	-	-	-	-	-	-
Habru .....	38,645	100.00	-	-	-	-	-	-	-	-	-	-
South Wollo Zone.....	490,894	99.80	795	0.16	171	0.03	-	-	-	-	-	-
Mekdela .....	30,731	100.00	-	-	-	-	-	-	-	-	-	-
Tenta .....	35,313	99.59	147	0.41	-	-	-	-	-	-	-	-
Kutaber.....	21,608	99.80	44	0.20	-	-	-	-	-	-	-	-
Ambasel.....	26,333	99.88	32	0.12	-	-	-	-	-	-	-	-
Tehuledere .....	23,671	100.00	-	-	-	-	-	-	-	-	-	-
Werebabu.....	21,154	99.50	106	0.50	-	-	-	-	-	-	-	-
Kalu.....	39,051	99.68	49	0.13	77	0.20	-	-	-	-	-	-
Dessie Zuria.....	64,934	100.00	-	-	-	-	-	-	-	-	-	-
Legambo .....	35,598	100.00	-	-	-	-	-	-	-	-	-	-
Sayint.....	44,784	99.85	69	0.15	-	-	-	-	-	-	-	-
Debresina .....	36,472	99.45	139	0.38	62	0.17	-	-	-	-	-	-
Kelala .....	29,714	99.30	210	0.70	-	-	-	-	-	-	-	-
Jama .....	25,035	99.87	-	-	33	0.13	-	-	-	-	-	-
Were Ilu .....	29,715	100.00	-	-	-	-	-	-	-	-	-	-
Wegde .....	26,779	100.00	-	-	-	-	-	-	-	-	-	-
North Shewa (Amhara) Zone .....	337,452	99.61	1,202	0.35	82	0.02	-	-	-	-	27	0.01
Middana Weremo .....	16,562	99.46	90	0.54	-	-	-	-	-	-	-	-
Merhabete .....	22,838	99.14	197	0.86	-	-	-	-	-	-	-	-
Insarona Wayu.....	24,402	99.51	90	0.37	31	0.13	-	-	-	-	-	-
Moretna Jiru.....	17,162	99.27	105	0.61	22	0.13	-	-	-	-	-	-



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

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	%
North Shewa (Amhara) Zone.....												
Gera Keya .....	27,024	99.11	244	0.89	-	-	-	-	-	-	-	-
Geshe .....	11,684	99.85	17	0.15	-	-	-	-	-	-	-	-
Antsokiya Gemza .....	12,933	99.60	52	0.40	-	-	-	-	-	-	-	-
Efratana Gidim .....	18,699	99.88	22	0.12	-	-	-	-	-	-	-	-
Lalo Midir .....	23,722	99.76	58	0.24	-	-	-	-	-	-	-	-
Mojana Wadera .....	14,894	99.37	95	0.63	-	-	-	-	-	-	-	-
Tarma Ber .....	17,102	99.72	48	0.28	-	-	-	-	-	-	-	-
Kewet .....	20,348	99.75	51	0.25	-	-	-	-	-	-	-	-
Asagirt .....	9,610	99.84	15	0.16	-	-	-	-	-	-	-	-
Angolelana Tera .....	14,930	100.00	-	-	-	-	-	-	-	-	-	-
Ankober .....	15,834	100.00	-	-	-	-	-	-	-	-	-	-
Hagere Mariam .....	10,643	99.90	11	0.10	-	-	-	-	-	-	-	-
Berehet .....	5,399	99.72	15	0.28	-	-	-	-	-	-	-	-
Minjarna Shenkora .....	22,808	99.51	56	0.24	29	0.13	-	-	-	-	27	0.12
Basona Werana .....	30,856	99.88	38	0.12	-	-	-	-	-	-	-	-
East Gojam Zone .....	376,327	99.77	881	0.23	-	-	-	-	-	-	-	-
Bibugn .....	20,353	99.87	27	0.13	-	-	-	-	-	-	-	-
Hulet Ej Enese .....	42,871	99.88	51	0.12	-	-	-	-	-	-	-	-
Goncha Siso Enese .....	26,519	99.58	112	0.42	-	-	-	-	-	-	-	-
Enbise Sar Midir .....	26,089	99.41	155	0.59	-	-	-	-	-	-	-	-
Enarj Enawga .....	31,236	99.45	172	0.55	-	-	-	-	-	-	-	-
Enemay .....	26,307	100.00	-	-	-	-	-	-	-	-	-	-
Debay Telatgen .....	24,068	99.53	114	0.47	-	-	-	-	-	-	-	-
Machakel .....	38,342	99.77	90	0.23	-	-	-	-	-	-	-	-
Guzamn .....	42,752	99.86	62	0.14	-	-	-	-	-	-	-	-
Baso Liben .....	26,092	100.00	-	-	-	-	-	-	-	-	-	-
Awabel .....	32,063	99.85	48	0.15	-	-	-	-	-	-	-	-
Dejen .....	20,218	99.76	49	0.24	-	-	-	-	-	-	-	-
Shebel Berenta .....	19,419	100.00	-	-	-	-	-	-	-	-	-	-
West Gojam Zone .....	370,140	99.56	1,349	0.36	190	0.05	27	0.01	-	-	57	0.02
Achefer .....	47,652	99.30	338	0.70	-	-	-	-	-	-	-	-
Bahir Dar Zuria .....	44,649	99.71	-	-	71	0.16	-	-	-	-	57	0.13
Yilman Densa .....	53,074	99.43	243	0.46	61	0.11	-	-	-	-	-	-
Merawi .....	47,632	99.63	179	0.37	-	-	-	-	-	-	-	-
Sekela .....	25,751	100.00	-	-	-	-	-	-	-	-	-	-
Kuarit .....	29,965	99.84	47	0.16	-	-	-	-	-	-	-	-
Dega Damot .....	28,664	99.59	117	0.41	-	-	-	-	-	-	-	-
Dembecha .....	21,789	99.51	80	0.37	-	-	27	0.12	-	-	-	-
Jabi Tehnan .....	35,426	99.52	170	0.48	-	-	-	-	-	-	-	-
Bure Wemberma .....	35,540	99.35	174	0.49	58	0.16	-	-	-	-	-	-
Waghamra Zone .....	75,412	99.68	242	0.32	-	-	-	-	-	-	-	-
Zikuala .....	13,277	99.79	28	0.21	-	-	-	-	-	-	-	-
Sekota .....	33,600	99.59	140	0.41	-	-	-	-	-	-	-	-
Dehana .....	28,536	99.74	74	0.26	-	-	-	-	-	-	-	-
Awii Zone .....	152,583	99.91	140	0.09	-	-	-	-	-	-	-	-
Dangela .....	33,963	99.90	34	0.10	-	-	-	-	-	-	-	-
Banja .....	25,927	100.00	-	-	-	-	-	-	-	-	-	-
Ankesha .....	38,056	100.00	-	-	-	-	-	-	-	-	-	-
Guangua .....	31,167	99.66	106	0.34	-	-	-	-	-	-	-	-
Faggeta Lekoma .....	23,471	100.00	-	-	-	-	-	-	-	-	-	-
Oromia Zone .....	72,490	99.76	138	0.19	3	0.00	-	-	16	0.02	16	0.02
Chefe Golana Dawe Rahimedo .....	30,048	99.91	27	0.09	-	-	-	-	-	-	-	-
Bati .....	16,270	99.76	39	0.24	-	-	-	-	-	-	-	-
Jile Tsumiga .....	11,781	99.52	54	0.46	3	0.03	-	-	-	-	-	-
Artuma Fursi .....	14,393	99.66	17	0.12	-	-	-	-	16	0.11	16	0.11



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	%
Amhara Region .....	1,975,147	66.07	882,564	29.52	119,765	4.01	8,401	0.28	2,534	0.08	943	0.03
North Gondar Zone .....	311,165	72.91	97,059	22.74	17,719	4.15	654	0.15	201	0.05	-	-
Addi Arkay .....	17,346	72.30	6,257	26.08	389	1.62	-	-	-	-	-	-
Beyeda .....	10,674	60.87	6,225	35.50	619	3.53	19	0.11	-	-	-	-
Janamora .....	21,389	73.29	7,234	24.79	561	1.92	-	-	-	-	-	-
Debark .....	15,390	71.61	5,706	26.55	371	1.73	25	0.12	-	-	-	-
Dabat .....	19,304	78.54	5,051	20.55	223	0.91	-	-	-	-	-	-
Sanja .....	16,999	69.32	6,793	27.70	689	2.81	28	0.11	14	0.06	-	-
Lay Armacheho .....	22,060	88.33	2,881	11.54	34	0.14	-	-	-	-	-	-
Wegera .....	29,727	80.22	6,837	18.45	493	1.33	-	-	-	-	-	-
Gondar Zuria .....	25,077	64.37	10,870	27.90	2,838	7.28	82	0.21	90	0.23	-	-
Dembia .....	30,503	73.91	8,032	19.46	2,676	6.48	61	0.15	-	-	-	-
Chilga .....	26,864	83.21	4,189	12.97	1,176	3.64	57	0.18	-	-	-	-
Metema .....	7,082	69.76	2,651	26.11	408	4.02	-	-	11	0.11	-	-
Quara .....	5,877	62.51	2,746	29.21	758	8.06	-	-	20	0.21	-	-
Alefa .....	33,841	73.18	8,474	18.32	3,863	8.35	-	-	66	0.14	-	-
Belesa .....	29,034	64.31	13,112	29.04	2,621	5.81	381	0.84	-	-	-	-
South Gondar Zone .....	254,118	67.90	104,626	27.96	14,139	3.78	898	0.24	408	0.11	63	0.02
Ebenat .....	28,823	68.68	12,154	28.96	992	2.36	-	-	-	-	-	-
Kemekem .....	22,725	73.82	6,432	20.89	1,368	4.44	261	0.85	-	-	-	-
Fogera .....	31,098	76.99	5,514	13.65	3,421	8.47	302	0.75	58	0.14	-	-
Farta .....	29,051	60.99	16,612	34.87	1,706	3.58	127	0.27	138	0.29	-	-
Lay Gayint .....	22,495	57.23	16,374	41.66	371	0.94	-	-	-	-	63	0.16
Tach Gayint .....	11,772	58.08	8,070	39.81	398	1.96	30	0.15	-	-	-	-
Simada .....	32,749	69.63	13,728	29.19	556	1.18	-	-	-	-	-	-
Estie .....	40,152	63.24	20,610	32.46	2,727	4.30	-	-	-	-	-	-
Dera .....	35,253	81.27	5,132	11.83	2,600	5.99	179	0.41	212	0.49	-	-
North Wollo Zone .....	163,245	53.06	127,249	41.36	15,484	5.03	1,095	0.36	496	0.16	100	0.03
Bugna .....	23,331	49.94	20,064	42.95	2,853	6.11	221	0.47	199	0.43	48	0.10
Kobo .....	24,781	59.75	14,657	35.34	1,559	3.76	333	0.80	142	0.34	-	-
Gidan .....	17,143	49.60	16,240	46.99	1,138	3.29	39	0.11	-	-	-	-
Meket .....	20,558	42.73	24,704	51.35	2,785	5.79	60	0.12	-	-	-	-
Wadala .....	12,181	45.69	13,308	49.92	1,138	4.27	34	0.13	-	-	-	-
Dawutna Delanta .....	20,575	57.30	14,103	39.27	1,187	3.31	45	0.13	-	-	-	-
Guba Lafto .....	19,017	53.42	14,923	41.92	1,608	4.52	52	0.15	-	-	-	-
Habru .....	25,661	66.40	9,251	23.94	3,216	8.32	311	0.80	155	0.40	51	0.13
South Wollo Zone .....	299,937	60.98	171,878	34.94	17,724	3.60	1,715	0.35	505	0.10	101	0.02
Mekdela .....	17,740	57.73	12,452	40.52	468	1.52	71	0.23	-	-	-	-
Tenta .....	22,719	64.07	11,944	33.68	797	2.25	-	-	-	-	-	-
Kutaber .....	11,696	54.02	8,677	40.07	1,170	5.40	109	0.50	-	-	-	-
Ambasel .....	12,856	48.76	11,360	43.09	1,697	6.44	282	1.07	142	0.54	28	0.11
Tehuledere .....	16,006	67.62	5,654	23.89	1,491	6.30	379	1.60	105	0.44	36	0.15
Werebabu .....	12,463	58.62	6,623	31.15	1,956	9.20	162	0.76	56	0.26	-	-
Kalu .....	25,904	66.12	10,628	27.13	2,301	5.87	344	0.88	-	-	-	-
Dessie Zuria .....	40,354	62.15	22,734	35.01	1,609	2.48	135	0.21	102	0.16	-	-
Legambo .....	24,440	68.66	10,789	30.31	369	1.04	-	-	-	-	-	-
Sayint .....	18,692	41.67	24,612	54.87	1,490	3.32	59	0.13	-	-	-	-
Debresina .....	24,099	65.71	11,373	31.01	1,097	2.99	52	0.14	52	0.14	-	-
Kelala .....	17,477	58.40	10,750	35.92	1,573	5.26	76	0.25	48	0.16	-	-
Jama .....	16,264	64.88	8,498	33.90	306	1.22	-	-	-	-	-	-
Were Ilu .....	20,745	69.81	8,709	29.31	261	0.88	-	-	-	-	-	-
Wegde .....	18,478	69.00	7,076	26.42	1,141	4.26	47	0.18	-	-	37	0.14
North Shewa (Amhara) Zone .....	200,507	59.19	128,983	38.07	8,933	2.64	229	0.07	56	0.02	55	0.02
Middana Weremo .....	11,952	71.78	4,296	25.80	353	2.12	22	0.13	29	0.17	-	-
Merhabete .....	13,555	58.85	8,477	36.80	1,003	4.35	-	-	-	-	-	-
Insarona Wayu .....	15,474	63.10	7,873	32.10	1,107	4.51	69	0.28	-	-	-	-
Moretna Jiru .....	9,424	54.51	7,117	41.16	748	4.33	-	-	-	-	-	-



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

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	%
North Shewa (Amhara) Zone.....												
Gera Keya .....	15,721	57.65	11,065	40.58	482	1.77	-	-	-	-	-	-
Geshe .....	6,832	58.39	4,687	40.06	182	1.56	-	-	-	-	-	-
Antsokiya Gemza.....	8,815	67.89	3,890	29.96	280	2.16	-	-	-	-	-	-
Efratana Gidim.....	11,517	61.52	6,513	34.79	643	3.43	25	0.13	-	-	23	0.12
Lalo Midir.....	13,940	58.62	9,420	39.61	420	1.77	-	-	-	-	-	-
Mojana Wadera.....	9,587	63.96	5,269	35.15	133	0.89	-	-	-	-	-	-
Tarma Ber .....	10,924	63.70	5,716	33.33	487	2.84	23	0.13	-	-	-	-
Kewet .....	13,873	68.01	6,273	30.75	227	1.11	-	-	26	0.13	-	-
Asagirt.....	4,931	51.23	4,538	47.15	133	1.38	23	0.24	-	-	-	-
Angolelana Tera.....	8,721	58.41	5,892	39.46	317	2.12	-	-	-	-	-	-
Ankober.....	9,118	57.58	6,306	39.83	388	2.45	22	0.14	-	-	-	-
Hagere Mariam .....	5,710	53.59	4,742	44.51	202	1.90	-	-	-	-	-	-
Berehet .....	2,367	43.72	2,769	51.15	271	5.01	7	0.13	-	-	-	-
Minjarna Shenkora.....	13,113	57.21	8,564	37.36	1,212	5.29	-	-	-	-	31	0.14
Basona Werana .....	14,936	48.35	15,578	50.42	343	1.11	37	0.12	-	-	-	-
East Gojam Zone.....	258,914	68.64	108,474	28.76	9,270	2.46	373	0.10	93	0.02	84	0.02
Bibugn.....	13,310	65.31	6,548	32.13	466	2.29	56	0.27	-	-	-	-
Hulet Ej Enese .....	27,707	64.55	14,346	33.42	869	2.02	-	-	-	-	-	-
Goncha Siso Enese.....	17,055	64.04	9,131	34.29	445	1.67	-	-	-	-	-	-
Enbise Sar Midir.....	14,913	56.82	10,281	39.17	1,050	4.00	-	-	-	-	-	-
Enarj Enawga .....	19,459	61.96	10,826	34.47	1,033	3.29	39	0.12	-	-	51	0.16
Enemy .....	17,222	65.47	7,984	30.35	1,035	3.93	33	0.13	-	-	33	0.13
Debay Telatgen .....	12,807	52.96	10,866	44.93	433	1.79	40	0.17	36	0.15	-	-
Machakel.....	31,532	82.05	6,783	17.65	117	0.30	-	-	-	-	-	-
Guzamn .....	28,067	65.56	14,341	33.50	406	0.95	-	-	-	-	-	-
Baso Liben .....	24,232	92.87	1,487	5.70	271	1.04	102	0.39	-	-	-	-
Awabel .....	23,933	74.53	7,456	23.22	722	2.25	-	-	-	-	-	-
Dejen .....	14,872	73.38	4,478	22.10	868	4.28	49	0.24	-	-	-	-
Shebel Berenta.....	13,809	71.11	3,945	20.32	1,554	8.00	54	0.28	57	0.29	-	-
West Gojam Zone .....	256,404	68.97	90,756	24.41	22,331	6.01	1,817	0.49	298	0.08	157	0.04
Achefer.....	37,686	78.53	8,406	17.52	1,898	3.95	-	-	-	-	-	-
Bahir Dar Zuria.....	30,499	68.11	8,747	19.53	5,244	11.71	287	0.64	-	-	-	-
Yilman Densa.....	33,434	62.64	15,391	28.83	4,200	7.87	353	0.66	-	-	-	-
Merawi .....	31,325	65.52	13,767	28.79	2,466	5.16	253	0.53	-	-	-	-
Sekela .....	21,355	82.93	4,065	15.79	331	1.29	-	-	-	-	-	-
Kuarit .....	15,777	52.57	13,240	44.12	945	3.15	50	0.17	-	-	-	-
Dega Damot .....	15,869	55.14	12,543	43.58	265	0.92	66	0.23	-	-	38	0.13
Dembecha .....	14,230	64.99	5,505	25.14	1,959	8.95	139	0.63	-	-	63	0.29
Jabi Tehnan.....	25,676	72.13	6,037	16.96	3,198	8.98	397	1.12	232	0.65	56	0.16
Bure Wemberma.....	30,555	85.42	3,055	8.54	1,824	5.10	272	0.76	66	0.18	-	-
Waghamra Zone.....	38,575	50.99	30,711	40.59	5,548	7.33	404	0.53	156	0.21	260	0.34
Zikuala .....	6,285	47.24	5,393	40.53	1,089	8.18	166	1.25	112	0.84	260	1.95
Sekota.....	18,149	53.79	13,497	40.00	1,995	5.91	55	0.16	44	0.13	-	-
Dehana .....	14,142	49.43	11,821	41.32	2,464	8.61	183	0.64	-	-	-	-
Aw Zone.....	142,080	93.03	7,081	4.64	3,043	1.99	372	0.24	65	0.04	82	0.05
Dangela .....	32,031	94.22	984	2.89	823	2.42	159	0.47	-	-	-	-
Banja .....	25,927	100.00	-	-	-	-	-	-	-	-	-	-
Ankesha.....	35,654	93.69	1,741	4.57	609	1.60	-	-	-	-	52	0.14
Guangua .....	25,798	82.49	3,767	12.05	1,520	4.86	153	0.49	35	0.11	-	-
Faggeta Lekoma.....	22,670	96.59	589	2.51	92	0.39	60	0.26	30	0.13	30	0.13
Oromia Zone .....	50,203	69.09	15,746	21.67	5,574	7.67	843	1.16	256	0.35	41	0.06
Chefe Golana Dawe Rahimedo.....	19,494	64.82	7,429	24.70	2,538	8.44	457	1.52	116	0.39	41	0.14
Bati .....	10,801	66.23	3,583	21.97	1,576	9.66	247	1.51	102	0.63	-	-
Jile Tsumiga.....	8,803	74.36	2,424	20.48	548	4.63	63	0.53	-	-	-	-
Artuma Fursi.....	11,106	76.90	2,310	16.00	912	6.31	75	0.52	39	0.27	-	-



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	%
Amhara Region .....	2,987,208	99.93	1,642	0.05	381	0.01	80	0.00	43	0.00	-	-
North Gonder Zone .....	426,513	99.93	209	0.05	76	0.02	-	-	-	-	-	-
Addi Arkay.....	23,992	100.00	-	-	-	-	-	-	-	-	-	-
Beyeda.....	17,515	99.87	22	0.13	-	-	-	-	-	-	-	-
Janamora .....	29,184	100.00	-	-	-	-	-	-	-	-	-	-
Debark .....	21,492	100.00	-	-	-	-	-	-	-	-	-	-
Dabat .....	24,578	100.00	-	-	-	-	-	-	-	-	-	-
Sanja .....	24,523	100.00	-	-	-	-	-	-	-	-	-	-
Lay Armacheho.....	24,975	100.00	-	-	-	-	-	-	-	-	-	-
Wegera .....	36,987	99.81	35	0.09	35	0.09	-	-	-	-	-	-
Gondar Zuria.....	38,832	99.68	125	0.32	-	-	-	-	-	-	-	-
Dembia .....	41,272	100.00	-	-	-	-	-	-	-	-	-	-
Chilga .....	32,245	99.87	-	-	41	0.13	-	-	-	-	-	-
Metema .....	10,126	99.74	26	0.26	-	-	-	-	-	-	-	-
Quara .....	9,401	100.00	-	-	-	-	-	-	-	-	-	-
Alefa .....	46,244	100.00	-	-	-	-	-	-	-	-	-	-
Belesa .....	45,148	100.00	-	-	-	-	-	-	-	-	-	-
South Gonder Zone .....	374,086	99.96	117	0.03	49	0.01	-	-	-	-	-	-
Ebenat .....	41,920	99.88	-	-	49	0.12	-	-	-	-	-	-
Kemekem .....	30,786	100.00	-	-	-	-	-	-	-	-	-	-
Fogera .....	40,338	99.86	55	0.14	-	-	-	-	-	-	-	-
Farta .....	47,634	100.00	-	-	-	-	-	-	-	-	-	-
Lay Gayint .....	39,240	99.84	63	0.16	-	-	-	-	-	-	-	-
Tach Gayint.....	20,270	100.00	-	-	-	-	-	-	-	-	-	-
Simada.....	47,033	100.00	-	-	-	-	-	-	-	-	-	-
Estie.....	63,489	100.00	-	-	-	-	-	-	-	-	-	-
Dera .....	43,376	100.00	-	-	-	-	-	-	-	-	-	-
North Wollo Zone .....	307,493	99.94	90	0.03	-	-	43	0.01	43	0.01	-	-
Bugna .....	46,716	100.00	-	-	-	-	-	-	-	-	-	-
Kobo.....	41,472	100.00	-	-	-	-	-	-	-	-	-	-
Gidan .....	34,560	100.00	-	-	-	-	-	-	-	-	-	-
Meket .....	48,062	99.91	45	0.09	-	-	-	-	-	-	-	-
Wadala .....	26,661	100.00	-	-	-	-	-	-	-	-	-	-
Dawutna Delanta.....	35,865	99.87	45	0.13	-	-	-	-	-	-	-	-
Guba Lafto .....	35,514	99.76	-	-	-	-	43	0.12	43	0.12	-	-
Habru.....	38,645	100.00	-	-	-	-	-	-	-	-	-	-
South Wollo Zone .....	491,566	99.94	196	0.04	98	0.02	-	-	-	-	-	-
Mekdela.....	30,731	100.00	-	-	-	-	-	-	-	-	-	-
Tenta .....	35,362	99.72	-	-	98	0.28	-	-	-	-	-	-
Kutaber.....	21,627	99.88	25	0.12	-	-	-	-	-	-	-	-
Ambasel .....	26,365	100.00	-	-	-	-	-	-	-	-	-	-
Tehuledere.....	23,671	100.00	-	-	-	-	-	-	-	-	-	-
Werebabu .....	21,236	99.89	24	0.11	-	-	-	-	-	-	-	-
Kalu .....	39,177	100.00	-	-	-	-	-	-	-	-	-	-
Dessie Zuria .....	64,859	99.88	75	0.12	-	-	-	-	-	-	-	-
Legambo .....	35,598	100.00	-	-	-	-	-	-	-	-	-	-
Sayint .....	44,853	100.00	-	-	-	-	-	-	-	-	-	-
Debresina .....	36,673	100.00	-	-	-	-	-	-	-	-	-	-
Kelala .....	29,924	100.00	-	-	-	-	-	-	-	-	-	-
Jama .....	25,068	100.00	-	-	-	-	-	-	-	-	-	-
Were Ilu .....	29,682	99.89	33	0.11	-	-	-	-	-	-	-	-
Wegde .....	26,739	99.85	40	0.15	-	-	-	-	-	-	-	-
North Shewa (Amhara) Zone.....	338,563	99.94	179	0.05	-	-	21	0.01	-	-	-	-
Middana Weremo .....	16,652	100.00	-	-	-	-	-	-	-	-	-	-
Merhabete .....	23,035	100.00	-	-	-	-	-	-	-	-	-	-
Insarona Wayu .....	24,523	100.00	-	-	-	-	-	-	-	-	-	-
Moretna Jiru .....	17,289	100.00	-	-	-	-	-	-	-	-	-	-



Table 8.19B:- Number of Crop Holders that Owned Cart by Geographic Area. (Continued.)

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	%
North Shewa (Amhara) Zone.....												
Gera Keya .....	27,268	100.00	-	-	-	-	-	-	-	-	-	-
Geshe.....	11,701	100.00	-	-	-	-	-	-	-	-	-	-
Antsokiya Gemza.....	12,985	100.00	-	-	-	-	-	-	-	-	-	-
Efratana Gidim.....	18,677	99.76	44	0.24	-	-	-	-	-	-	-	-
Lalo Midir.....	23,742	99.84	38	0.16	-	-	-	-	-	-	-	-
Mojana Wadera.....	14,989	100.00	-	-	-	-	-	-	-	-	-	-
Tarma Ber.....	17,150	100.00	-	-	-	-	-	-	-	-	-	-
Kewet.....	20,355	99.78	44	0.22	-	-	-	-	-	-	-	-
Asagirt.....	9,603	99.77	22	0.23	-	-	-	-	-	-	-	-
Angolelana Tera.....	14,930	100.00	-	-	-	-	-	-	-	-	-	-
Ankober.....	15,834	100.00	-	-	-	-	-	-	-	-	-	-
Hagere Mariam.....	10,654	100.00	-	-	-	-	-	-	-	-	-	-
Berehet.....	5,414	100.00	-	-	-	-	-	-	-	-	-	-
Minjarna Shenkora.....	22,899	99.91	-	-	-	-	21	0.09	-	-	-	-
Basona Werana.....	30,864	99.90	30	0.10	-	-	-	-	-	-	-	-
East Gojam Zone.....	376,996	99.94	212	0.06	-	-	-	-	-	-	-	-
Bibugn.....	20,355	99.88	25	0.12	-	-	-	-	-	-	-	-
Hulet Ej Enese.....	42,922	100.00	-	-	-	-	-	-	-	-	-	-
Goncha Siso Enese.....	26,596	99.87	35	0.13	-	-	-	-	-	-	-	-
Enbise Sar Midir.....	26,167	99.71	77	0.29	-	-	-	-	-	-	-	-
Enarj Enawga.....	31,360	99.85	48	0.15	-	-	-	-	-	-	-	-
Enemay.....	26,307	100.00	-	-	-	-	-	-	-	-	-	-
Debay Telatgen.....	24,182	100.00	-	-	-	-	-	-	-	-	-	-
Machakel.....	38,432	100.00	-	-	-	-	-	-	-	-	-	-
Guzamn.....	42,814	100.00	-	-	-	-	-	-	-	-	-	-
Baso Liben.....	26,092	100.00	-	-	-	-	-	-	-	-	-	-
Awabel.....	32,111	100.00	-	-	-	-	-	-	-	-	-	-
Dejen.....	20,267	100.00	-	-	-	-	-	-	-	-	-	-
Shebel Berenta.....	19,392	99.86	27	0.14	-	-	-	-	-	-	-	-
West Gojam Zone.....	371,246	99.86	404	0.11	113	0.03	-	-	-	-	-	-
Achefer.....	47,916	99.85	74	0.15	-	-	-	-	-	-	-	-
Bahir Dar Zuria.....	44,720	99.87	57	0.13	-	-	-	-	-	-	-	-
Yilman Densa.....	53,312	99.88	66	0.12	-	-	-	-	-	-	-	-
Merawi.....	47,743	99.86	-	-	68	0.14	-	-	-	-	-	-
Sekela.....	25,751	100.00	-	-	-	-	-	-	-	-	-	-
Kuarit.....	30,012	100.00	-	-	-	-	-	-	-	-	-	-
Dega Damot.....	28,744	99.87	37	0.13	-	-	-	-	-	-	-	-
Dembecha.....	21,896	100.00	-	-	-	-	-	-	-	-	-	-
Jabi Tehnan.....	35,491	99.71	105	0.29	-	-	-	-	-	-	-	-
Bure Wemberma.....	35,663	99.70	65	0.18	44	0.12	-	-	-	-	-	-
Waghamra Zone.....	75,594	99.92	43	0.06	-	-	17	0.02	-	-	-	-
Zikuala.....	13,288	99.87	-	-	-	-	17	0.13	-	-	-	-
Sekota.....	33,697	99.87	43	0.13	-	-	-	-	-	-	-	-
Dehana.....	28,610	100.00	-	-	-	-	-	-	-	-	-	-
Awı Zone.....	152,587	99.91	136	0.09	-	-	-	-	-	-	-	-
Dangela.....	33,861	99.60	136	0.40	-	-	-	-	-	-	-	-
Banja.....	25,927	100.00	-	-	-	-	-	-	-	-	-	-
Ankessa.....	38,056	100.00	-	-	-	-	-	-	-	-	-	-
Guangua.....	31,273	100.00	-	-	-	-	-	-	-	-	-	-
Faggeta Lekoma.....	23,471	100.00	-	-	-	-	-	-	-	-	-	-
Oromia Zone.....	72,563	99.86	55	0.08	45	0.06	-	-	-	-	-	-
Chefe Golana Dawe Rahimedo	29,975	99.67	55	0.18	45	0.15	-	-	-	-	-	-
Bati.....	16,309	100.00	-	-	-	-	-	-	-	-	-	-
Jile Tsumiga.....	11,838	100.00	-	-	-	-	-	-	-	-	-	-
Artuma Fursi.....	14,442	100.00	-	-	-	-	-	-	-	-	-	-



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	%
Amhara Region.....	2,978,643	99.64	7,927	0.27	1,797	0.06	734	0.02	164	0.01	89	0.00
North Gondar Zone.....	425,388	99.67	1,175	0.28	103	0.02	83	0.02	49	0.01	-	-
Addi Arkay.....	23,898	99.61	94	0.39	-	-	-	-	-	-	-	-
Beyeda.....	17,537	100.00	-	-	-	-	-	-	-	-	-	-
Janamora.....	29,050	99.54	108	0.37	26	0.09	-	-	-	-	-	-
Debark.....	21,492	100.00	-	-	-	-	-	-	-	-	-	-
Dabat.....	24,523	99.78	55	0.22	-	-	-	-	-	-	-	-
Sanja.....	24,523	100.00	-	-	-	-	-	-	-	-	-	-
Lay Armacheho.....	24,975	100.00	-	-	-	-	-	-	-	-	-	-
Wegera.....	36,887	99.54	170	0.46	-	-	-	-	-	-	-	-
Gondar Zuria.....	38,748	99.46	160	0.41	-	-	-	-	49	0.13	-	-
Dembia.....	41,144	99.69	128	0.31	-	-	-	-	-	-	-	-
Chilga.....	32,076	99.35	210	0.65	-	-	-	-	-	-	-	-
Metema.....	10,122	99.70	14	0.14	16	0.16	-	-	-	-	-	-
Quara.....	9,353	99.49	35	0.37	13	0.14	-	-	-	-	-	-
Alefa.....	46,112	99.71	132	0.29	-	-	-	-	-	-	-	-
Belesa.....	44,948	99.56	69	0.15	48	0.11	83	0.18	-	-	-	-
South Gondar Zone.....	373,185	99.71	662	0.18	291	0.08	114	0.03	-	-	-	-
Ebenat.....	41,771	99.53	145	0.35	53	0.13	-	-	-	-	-	-
Kemekem.....	30,738	99.84	-	-	48	0.16	-	-	-	-	-	-
Fogera.....	40,272	99.70	-	-	60	0.15	61	0.15	-	-	-	-
Farta.....	47,500	99.72	134	0.28	-	-	-	-	-	-	-	-
Lay Gayint.....	39,261	99.89	42	0.11	-	-	-	-	-	-	-	-
Tach Gayint.....	20,238	99.84	32	0.16	-	-	-	-	-	-	-	-
Simada.....	46,868	99.65	50	0.11	62	0.13	53	0.11	-	-	-	-
Estie.....	63,283	99.68	206	0.32	-	-	-	-	-	-	-	-
Dera.....	43,252	99.71	54	0.12	70	0.16	-	-	-	-	-	-
North Wollo Zone.....	307,116	99.82	310	0.10	126	0.04	117	0.04	-	-	-	-
Bugna.....	46,644	99.85	-	-	72	0.15	-	-	-	-	-	-
Kobo.....	41,418	99.87	-	-	54	0.13	-	-	-	-	-	-
Gidan.....	34,560	100.00	-	-	-	-	-	-	-	-	-	-
Meket.....	48,048	99.88	59	0.12	-	-	-	-	-	-	-	-
Wadala.....	26,595	99.75	-	-	-	-	66	0.25	-	-	-	-
Dawutna Delanta.....	35,812	99.73	47	0.13	-	-	51	0.14	-	-	-	-
Guba Lafto.....	35,551	99.86	49	0.14	-	-	-	-	-	-	-	-
Habru.....	38,489	99.60	156	0.40	-	-	-	-	-	-	-	-
South Wollo Zone.....	490,819	99.79	516	0.10	338	0.07	122	0.02	34	0.01	31	0.01
Mekdela.....	30,693	99.88	-	-	38	0.12	-	-	-	-	-	-
Tenta.....	35,372	99.75	88	0.25	-	-	-	-	-	-	-	-
Kutaber.....	21,596	99.74	-	-	28	0.13	28	0.13	-	-	-	-
Ambasel.....	26,283	99.69	48	0.18	-	-	-	-	34	0.13	-	-
Tehuledere.....	23,631	99.83	18	0.08	-	-	22	0.09	-	-	-	-
Werebabu.....	21,192	99.68	32	0.15	36	0.17	-	-	-	-	-	-
Kalu.....	38,945	99.41	103	0.26	57	0.15	72	0.18	-	-	-	-
Dessie Zuria.....	64,934	100.00	-	-	-	-	-	-	-	-	-	-
Legambo.....	35,427	99.52	81	0.23	90	0.25	-	-	-	-	-	-
Sayint.....	44,853	100.00	-	-	-	-	-	-	-	-	-	-
Debresina.....	36,630	99.88	43	0.12	-	-	-	-	-	-	-	-
Kelala.....	29,904	99.93	-	-	20	0.07	-	-	-	-	-	-
Jama.....	24,973	99.62	64	0.26	-	-	-	-	-	-	31	0.12
Were Ilu.....	29,608	99.64	39	0.13	68	0.23	-	-	-	-	-	-
Wegde.....	26,779	100.00	-	-	-	-	-	-	-	-	-	-
North Shewa (Amhara) Zone.....	335,634	99.08	2,682	0.79	305	0.09	97	0.03	11	0.00	34	0.01
Middana Weremo.....	16,577	99.55	25	0.15	50	0.30	-	-	-	-	-	-
Merhabete.....	22,956	99.66	35	0.15	44	0.19	-	-	-	-	-	-
Insarona Wayu.....	24,383	99.43	86	0.35	30	0.12	24	0.10	-	-	-	-
Moretna Jiru.....	17,221	99.61	68	0.39	-	-	-	-	-	-	-	-



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	%
North Shewa (Amhara) Zone.....												
Gera Keya .....	27,233	99.87	-	-	35	0.13	-	-	-	-	-	-
Geshe.....	11,637	99.45	17	0.15	47	0.40	-	-	-	-	-	-
Antsokiya Gemza.....	12,954	99.76	15	0.12	16	0.12	-	-	-	-	-	-
Efratana Gidim.....	18,581	99.25	140	0.75	-	-	-	-	-	-	-	-
Lalo Midir.....	23,664	99.51	87	0.37	-	-	29	0.12	-	-	-	-
Mojana Wadera.....	14,989	100.00	-	-	-	-	-	-	-	-	-	-
Tarma Ber.....	16,979	99.00	171	1.00	-	-	-	-	-	-	-	-
Kewet.....	20,151	98.78	204	1.00	-	-	44	0.22	-	-	-	-
Asagirt.....	9,549	99.21	76	0.79	-	-	-	-	-	-	-	-
Angolelana Tera.....	14,892	99.75	17	0.11	21	0.14	-	-	-	-	-	-
Ankober.....	15,343	96.90	464	2.93	27	0.17	-	-	-	-	-	-
Hagere Mariam.....	10,016	94.01	558	5.24	35	0.33	-	-	11	0.10	34	0.32
Berehet.....	5,309	98.06	105	1.94	-	-	-	-	-	-	-	-
Minjarna Shenkora.....	22,445	97.93	475	2.07	-	-	-	-	-	-	-	-
Basona Werana.....	30,754	99.55	140	0.45	-	-	-	-	-	-	-	-
East Gojam Zone .....	376,134	99.72	902	0.24	148	0.04	-	-	-	-	24	0.01
Bibugn.....	20,332	99.76	23	0.11	25	0.12	-	-	-	-	-	-
Hulet Ej Enese .....	42,648	99.36	208	0.48	66	0.15	-	-	-	-	-	-
Goncha Siso Enese.....	26,450	99.32	181	0.68	-	-	-	-	-	-	-	-
Enbise Sar Midir.....	26,070	99.34	174	0.66	-	-	-	-	-	-	-	-
Enarj Enawga.....	31,240	99.47	110	0.35	58	0.18	-	-	-	-	-	-
Enemay .....	26,264	99.84	43	0.16	-	-	-	-	-	-	-	-
Debay Telatgen.....	24,143	99.84	39	0.16	-	-	-	-	-	-	-	-
Machakel.....	38,432	100.00	-	-	-	-	-	-	-	-	-	-
Guzamn.....	42,757	99.87	57	0.13	-	-	-	-	-	-	-	-
Baso Liben.....	26,057	99.87	35	0.13	-	-	-	-	-	-	-	-
Awabel.....	32,111	100.00	-	-	-	-	-	-	-	-	-	-
Dejen.....	20,243	99.88	-	-	-	-	-	-	-	-	24	0.12
Shebel Berenta.....	19,388	99.84	31	0.16	-	-	-	-	-	-	-	-
West Gojam Zone .....	369,827	99.48	1,315	0.35	380	0.10	183	0.05	58	0.02	-	-
Achefer.....	47,640	99.27	350	0.73	-	-	-	-	-	-	-	-
Bahir Dar Zuria.....	44,383	99.12	182	0.41	156	0.35	56	0.13	-	-	-	-
Yilman Densa .....	53,263	99.78	63	0.12	52	0.10	-	-	-	-	-	-
Merawi.....	47,584	99.53	78	0.16	81	0.17	68	0.14	-	-	-	-
Sekela.....	25,659	99.64	59	0.23	33	0.13	-	-	-	-	-	-
Kuarit.....	30,012	100.00	-	-	-	-	-	-	-	-	-	-
Dega Damot.....	28,673	99.62	73	0.25	35	0.12	-	-	-	-	-	-
Dembecha.....	21,660	98.92	213	0.97	23	0.11	-	-	-	-	-	-
Jabi Tehnan.....	35,596	100.00	-	-	-	-	-	-	-	-	-	-
Bure Wemberma.....	35,357	98.84	299	0.84	-	-	58	0.16	58	0.16	-	-
Waghamra Zone.....	75,537	99.85	106	0.14	-	-	-	-	11	0.01	-	-
Zikuala. ....	13,269	99.73	25	0.19	-	-	-	-	11	0.08	-	-
Sekota.....	33,696	99.87	44	0.13	-	-	-	-	-	-	-	-
Dehana.....	28,573	99.87	37	0.13	-	-	-	-	-	-	-	-
Awbi Zone .....	152,509	99.86	109	0.07	105	0.07	-	-	-	-	-	-
Dangela. ....	33,922	99.78	75	0.22	-	-	-	-	-	-	-	-
Banja.....	25,856	99.73	-	-	71	0.27	-	-	-	-	-	-
Ankesha.....	38,056	100.00	-	-	-	-	-	-	-	-	-	-
Guangua.....	31,239	99.89	-	-	34	0.11	-	-	-	-	-	-
Faggeta Lekoma.....	23,437	99.86	34	0.14	-	-	-	-	-	-	-	-
Oromia Zone .....	72,495	99.77	149	0.21	-	-	19	0.03	-	-	-	-
Chefe Golana Dawe Rahimedo	30,075	100.00	-	-	-	-	-	-	-	-	-	-
Bati.....	16,249	99.63	41	0.25	-	-	19	0.12	-	-	-	-
Jile Tsumiga.....	11,779	99.50	59	0.50	-	-	-	-	-	-	-	-
Artuma Fursi.....	14,393	99.66	49	0.34	-	-	-	-	-	-	-	-



Geographic Area.	Number of Crop Holders that Owned											
			One Wheelbarrow		Two Wheelbarrows		Three Wheelbarrows		Four Wheelbarrows		Five and above Wheelbarrows	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region.....	2,988,408	99.97	946	0.03	-	-	-	-	-	-	-	-
North Gondar Zone.....	426,670	99.97	128	0.03	-	-	-	-	-	-	-	-
Addi Arkay.....	23,992	100.00	-	-	-	-	-	-	-	-	-	-
Beyeda.....	17,537	100.00	-	-	-	-	-	-	-	-	-	-
Janamora.....	29,184	100.00	-	-	-	-	-	-	-	-	-	-
Debark.....	21,492	100.00	-	-	-	-	-	-	-	-	-	-
Dabat.....	24,578	100.00	-	-	-	-	-	-	-	-	-	-
Sanja.....	24,523	100.00	-	-	-	-	-	-	-	-	-	-
Lay Armacheho.....	24,867	99.57	108	0.43	-	-	-	-	-	-	-	-
Wegera.....	37,057	100.00	-	-	-	-	-	-	-	-	-	-
Gondar Zuria.....	38,957	100.00	-	-	-	-	-	-	-	-	-	-
Dembia.....	41,272	100.00	-	-	-	-	-	-	-	-	-	-
Chilga.....	32,286	100.00	-	-	-	-	-	-	-	-	-	-
Metema.....	10,152	100.00	-	-	-	-	-	-	-	-	-	-
Quara.....	9,381	99.79	20	0.21	-	-	-	-	-	-	-	-
Alefa.....	46,244	100.00	-	-	-	-	-	-	-	-	-	-
Belesa.....	45,148	100.00	-	-	-	-	-	-	-	-	-	-
South Gondar Zone.....	374,124	99.97	128	0.03	-	-	-	-	-	-	-	-
Ebenat.....	41,969	100.00	-	-	-	-	-	-	-	-	-	-
Kemekem.....	30,786	100.00	-	-	-	-	-	-	-	-	-	-
Fogera.....	40,393	100.00	-	-	-	-	-	-	-	-	-	-
Farta.....	47,562	99.85	72	0.15	-	-	-	-	-	-	-	-
Lay Gayint.....	39,303	100.00	-	-	-	-	-	-	-	-	-	-
Tach Gayint.....	20,270	100.00	-	-	-	-	-	-	-	-	-	-
Simada.....	47,033	100.00	-	-	-	-	-	-	-	-	-	-
Estie.....	63,489	100.00	-	-	-	-	-	-	-	-	-	-
Dera.....	43,320	99.87	56	0.13	-	-	-	-	-	-	-	-
North Wollo Zone.....	307,669	100.00	-	-	-	-	-	-	-	-	-	-
Bugna.....	46,716	100.00	-	-	-	-	-	-	-	-	-	-
Kobo.....	41,472	100.00	-	-	-	-	-	-	-	-	-	-
Gidan.....	34,560	100.00	-	-	-	-	-	-	-	-	-	-
Meket.....	48,107	100.00	-	-	-	-	-	-	-	-	-	-
Wadala.....	26,661	100.00	-	-	-	-	-	-	-	-	-	-
Dawutna Delanta.....	35,910	100.00	-	-	-	-	-	-	-	-	-	-
Guba Lafto.....	35,600	100.00	-	-	-	-	-	-	-	-	-	-
Habru.....	38,645	100.00	-	-	-	-	-	-	-	-	-	-
South Wollo Zone.....	491,536	99.93	324	0.07	-	-	-	-	-	-	-	-
Mekdela.....	30,731	100.00	-	-	-	-	-	-	-	-	-	-
Tenta.....	35,460	100.00	-	-	-	-	-	-	-	-	-	-
Kutaber.....	21,624	99.87	28	0.13	-	-	-	-	-	-	-	-
Ambasel.....	26,333	99.88	32	0.12	-	-	-	-	-	-	-	-
Tehuledere.....	23,640	99.87	31	0.13	-	-	-	-	-	-	-	-
Werebabu.....	21,260	100.00	-	-	-	-	-	-	-	-	-	-
Kalu.....	39,177	100.00	-	-	-	-	-	-	-	-	-	-
Dessie Zuria.....	64,744	99.71	190	0.29	-	-	-	-	-	-	-	-
Legambo.....	35,598	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	%
North Shewa (Amhara) Zone.....												
Gera Keya .....	27,268	100.00	-	-	-	-	-	-	-	-	-	-
Geshe.....	11,701	100.00	-	-	-	-	-	-	-	-	-	-
Antsokiya Gemza.....	12,985	100.00	-	-	-	-	-	-	-	-	-	-
Efratana Gidim.....	18,721	100.00	-	-	-	-	-	-	-	-	-	-
Lalo Midir.....	23,780	100.00	-	-	-	-	-	-	-	-	-	-
Mojana Wadera.....	14,954	99.77	35	0.23	-	-	-	-	-	-	-	-
Tarma Ber .....	17,150	100.00	-	-	-	-	-	-	-	-	-	-
Kewet .....	20,399	100.00	-	-	-	-	-	-	-	-	-	-
Asagirt.....	9,625	100.00	-	-	-	-	-	-	-	-	-	-
Angolelana Tera.....	14,913	99.89	17	0.11	-	-	-	-	-	-	-	-
Ankober.....	15,834	100.00	-	-	-	-	-	-	-	-	-	-
Hagere Mariam.....	10,631	99.78	23	0.22	-	-	-	-	-	-	-	-
Berehet .....	5,414	100.00	-	-	-	-	-	-	-	-	-	-
Minjarna Shenkora.....	22,920	100.00	-	-	-	-	-	-	-	-	-	-
Basona Werana .....	30,857	99.88	37	0.12	-	-	-	-	-	-	-	-
East Gojam Zone .....	377,165	99.99	43	0.01	-	-	-	-	-	-	-	-
Bibugn.....	20,380	100.00	-	-	-	-	-	-	-	-	-	-
Hulet Ej Enese .....	42,922	100.00	-	-	-	-	-	-	-	-	-	-
Goncha Siso Enese.....	26,631	100.00	-	-	-	-	-	-	-	-	-	-
Enbise Sar Midir.....	26,244	100.00	-	-	-	-	-	-	-	-	-	-
Enarj Enawga .....	31,408	100.00	-	-	-	-	-	-	-	-	-	-
Enemay .....	26,264	99.84	43	0.16	-	-	-	-	-	-	-	-
Debay Telatgen .....	24,182	100.00	-	-	-	-	-	-	-	-	-	-
Machakel.....	38,432	100.00	-	-	-	-	-	-	-	-	-	-
Guzamn .....	42,814	100.00	-	-	-	-	-	-	-	-	-	-
Baso Liben .....	26,092	100.00	-	-	-	-	-	-	-	-	-	-
Awabel .....	32,111	100.00	-	-	-	-	-	-	-	-	-	-
Dejen .....	20,267	100.00	-	-	-	-	-	-	-	-	-	-
Shebel Berenta .....	19,419	100.00	-	-	-	-	-	-	-	-	-	-
West Gojam Zone .....	371,720	99.99	43	0.01	-	-	-	-	-	-	-	-
Achefer.....	47,990	100.00	-	-	-	-	-	-	-	-	-	-
Bahir Dar Zuria.....	44,777	100.00	-	-	-	-	-	-	-	-	-	-
Yilman Densa .....	53,378	100.00	-	-	-	-	-	-	-	-	-	-
Merawi .....	47,811	100.00	-	-	-	-	-	-	-	-	-	-
Sekela .....	25,751	100.00	-	-	-	-	-	-	-	-	-	-
Kuarit .....	30,012	100.00	-	-	-	-	-	-	-	-	-	-
Dega Damot .....	28,781	100.00	-	-	-	-	-	-	-	-	-	-
Dembecha .....	21,896	100.00	-	-	-	-	-	-	-	-	-	-
Jabi Tehnan .....	35,596	100.00	-	-	-	-	-	-	-	-	-	-
Bure Wemberma.....	35,729	99.88	43	0.12	-	-	-	-	-	-	-	-
Waghamra Zone.....	75,654	100.00	-	-	-	-	-	-	-	-	-	-
Zikuala .....	13,305	100.00	-	-	-	-	-	-	-	-	-	-
Sekota.....	33,740	100.00	-	-	-	-	-	-	-	-	-	-
Dehana .....	28,610	100.00	-	-	-	-	-	-	-	-	-	-
Awii Zone .....	152,723	100.00	-	-	-	-	-	-	-	-	-	-
Dangela .....	33,997	100.00	-	-	-	-	-	-	-	-	-	-
Banja .....	25,927	100.00	-	-	-	-	-	-	-	-	-	-
Ankesha.....	38,056	100.00	-	-	-	-	-	-	-	-	-	-
Guangua.....	31,273	100.00	-	-	-	-	-	-	-	-	-	-
Faggeta Lekoma.....	23,471	100.00	-	-	-	-	-	-	-	-	-	-
Oromia Zone .....	72,525	99.81	138	0.19	-	-	-	-	-	-	-	-
Chefe Golana Dawe Rahimedo ..	30,075	100.00	-	-	-	-	-	-	-	-	-	-
Bati .....	16,258	99.69	51	0.31	-	-	-	-	-	-	-	-
Jile Tsumiga.....	11,838	100.00	-	-	-	-	-	-	-	-	-	-
Artuma Fursi .....	14,355	99.40	87	0.60	-	-	-	-	-	-	-	-



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	%
Amhara Region.....	2,968,619	99.31	16,078	0.54	4,206	0.14	352	0.01	74	0.00	25	0.00
North Gondar Zone.....	424,008	99.35	2,181	0.51	457	0.11	78	0.02	74	0.02	-	-
Addi Arkay.....	23,671	98.66	216	0.90	81	0.34	24	0.10	-	-	-	-
Beyeda.....	17,270	98.48	267	1.52	-	-	-	-	-	-	-	-
Janamora.....	28,642	98.14	489	1.68	53	0.18	-	-	-	-	-	-
Debark.....	21,428	99.70	32	0.15	32	0.15	-	-	-	-	-	-
Dabat.....	24,415	99.34	163	0.66	-	-	-	-	-	-	-	-
Sanja.....	24,381	99.42	54	0.22	88	0.36	-	-	-	-	-	-
Lay Armacheho.....	24,975	100.00	-	-	-	-	-	-	-	-	-	-
Wegera.....	36,433	98.32	505	1.36	64	0.17	55	0.15	-	-	-	-
Gondar Zuria.....	38,957	100.00	-	-	-	-	-	-	-	-	-	-
Dembia.....	41,272	100.00	-	-	-	-	-	-	-	-	-	-
Chilga.....	32,243	99.87	43	0.13	-	-	-	-	-	-	-	-
Metema.....	10,152	100.00	-	-	-	-	-	-	-	-	-	-
Quara.....	9,390	99.88	-	-	11	0.12	-	-	-	-	-	-
Alefa.....	45,702	98.83	413	0.89	129	0.28	-	-	-	-	-	-
Belesa.....	45,074	99.84	-	-	-	-	-	-	74	0.16	-	-
South Gondar Zone.....	371,618	99.30	2,278	0.61	356	0.10	-	-	-	-	-	-
Ebenat.....	41,871	99.77	98	0.23	-	-	-	-	-	-	-	-
Kemekem.....	30,786	100.00	-	-	-	-	-	-	-	-	-	-
Fogera.....	40,393	100.00	-	-	-	-	-	-	-	-	-	-
Farta.....	46,743	98.13	832	1.75	59	0.12	-	-	-	-	-	-
Lay Gayint.....	37,884	96.39	1,194	3.04	225	0.57	-	-	-	-	-	-
Tach Gayint.....	20,270	100.00	-	-	-	-	-	-	-	-	-	-
Simada.....	46,962	99.85	-	-	71	0.15	-	-	-	-	-	-
Estie.....	63,335	99.76	154	0.24	-	-	-	-	-	-	-	-
Dera.....	43,376	100.00	-	-	-	-	-	-	-	-	-	-
North Wollo Zone.....	304,702	99.04	2,484	0.81	452	0.15	31	0.01	-	-	-	-
Bugna.....	46,668	99.90	48	0.10	-	-	-	-	-	-	-	-
Kobo.....	41,420	99.87	52	0.13	-	-	-	-	-	-	-	-
Gidan.....	34,519	99.88	41	0.12	-	-	-	-	-	-	-	-
Meket.....	48,107	100.00	-	-	-	-	-	-	-	-	-	-
Wadala.....	25,792	96.74	546	2.05	292	1.10	31	0.12	-	-	-	-
Dawutna Delanta.....	34,444	95.92	1,409	3.92	57	0.16	-	-	-	-	-	-
Guba Lafto.....	35,108	98.62	388	1.09	104	0.29	-	-	-	-	-	-
Habru.....	38,645	100.00	-	-	-	-	-	-	-	-	-	-
South Wollo Zone.....	489,159	99.45	2,258	0.46	443	0.09	-	-	-	-	-	-
Mekdela.....	30,684	99.85	47	0.15	-	-	-	-	-	-	-	-
Tenta.....	35,218	99.32	145	0.41	97	0.27	-	-	-	-	-	-
Kutaber.....	21,652	100.00	-	-	-	-	-	-	-	-	-	-
Ambasel.....	26,365	100.00	-	-	-	-	-	-	-	-	-	-
Tehuledere.....	23,641	99.87	30	0.13	-	-	-	-	-	-	-	-
Werebabu.....	21,260	100.00	-	-	-	-	-	-	-	-	-	-
Kalu.....	39,118	99.85	-	-	59	0.15	-	-	-	-	-	-
Dessie Zuria.....	64,789	99.78	145	0.22	-	-	-	-	-	-	-	-
Legambo.....	33,450	93.97	1,861	5.23	287	0.81	-	-	-	-	-	-
Sayint.....	44,853	100.00	-	-	-	-	-	-	-	-	-	-
Debresina.....	36,673	100.00	-	-	-	-	-	-	-	-	-	-
Kelala.....	29,924	100.00	-	-	-	-	-	-	-	-	-	-
Jama.....	25,037	99.88	31	0.12	-	-	-	-	-	-	-	-
Were Ilu.....	29,715	100.00	-	-	-	-	-	-	-	-	-	-
Wegde.....	26,779	100.00	-	-	-	-	-	-	-	-	-	-
North Shewa (Amhara) Zone.....	337,906	99.75	836	0.25	21	0.01	-	-	-	-	-	-
Middana Weremo.....	16,652	100.00	-	-	-	-	-	-	-	-	-	-
Merhabete.....	23,035	100.00	-	-	-	-	-	-	-	-	-	-
Insarona Wayu.....	24,235	98.83	288	1.17	-	-	-	-	-	-	-	-
Moretna Jiru.....	17,156	99.23	133	0.77	-	-	-	-	-	-	-	-







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

Geographic Area.	Number of Crop Holders that Owned											
	No Horse		One Horse		Two Horses		Three Horses		Four Horses		Five and above Horses	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region.....	2,929,640	98.00	37,878	1.27	18,675	0.62	2,391	0.08	629	0.02	141	0.00
North Gonder Zone.....	419,293	98.24	5,087	1.19	1,949	0.46	334	0.08	111	0.03	24	0.01
Addi Arkay.....	23,893	99.59	99	0.41	-	-	-	-	-	-	-	-
Beyeda.....	17,514	99.87	23	0.13	-	-	-	-	-	-	-	-
Janamora.....	28,851	98.86	289	0.99	44	0.15	-	-	-	-	-	-
Debark.....	16,595	77.21	2,956	13.75	1,528	7.11	278	1.29	111	0.52	24	0.11
Dabat.....	23,941	97.41	468	1.90	169	0.69	-	-	-	-	-	-
Sanja.....	24,523	100.00	-	-	-	-	-	-	-	-	-	-
Lay Armacheho.....	24,975	100.00	-	-	-	-	-	-	-	-	-	-
Wegera.....	35,542	95.91	1,252	3.38	207	0.56	56	0.15	-	-	-	-
Gondar Zuria.....	38,957	100.00	-	-	-	-	-	-	-	-	-	-
Dembia.....	41,272	100.00	-	-	-	-	-	-	-	-	-	-
Chilga.....	32,286	100.00	-	-	-	-	-	-	-	-	-	-
Metema.....	10,152	100.00	-	-	-	-	-	-	-	-	-	-
Quara.....	9,401	100.00	-	-	-	-	-	-	-	-	-	-
Alefa.....	46,244	100.00	-	-	-	-	-	-	-	-	-	-
Belesa.....	45,148	100.00	-	-	-	-	-	-	-	-	-	-
South Gonder Zone.....	371,324	99.22	2,715	0.73	213	0.06	-	-	-	-	-	-
Ebenat.....	41,969	100.00	-	-	-	-	-	-	-	-	-	-
Kemekem.....	30,786	100.00	-	-	-	-	-	-	-	-	-	-
Fogera.....	40,393	100.00	-	-	-	-	-	-	-	-	-	-
Farta.....	44,770	93.99	2,651	5.57	213	0.45	-	-	-	-	-	-
Lay Gayint.....	39,303	100.00	-	-	-	-	-	-	-	-	-	-
Tach Gayint.....	20,270	100.00	-	-	-	-	-	-	-	-	-	-
Simada.....	47,033	100.00	-	-	-	-	-	-	-	-	-	-
Estie.....	63,425	99.90	64	0.10	-	-	-	-	-	-	-	-
Dera.....	43,376	100.00	-	-	-	-	-	-	-	-	-	-
North Wollo Zone.....	297,677	96.75	7,974	2.59	1,737	0.56	205	0.07	76	0.02	-	-
Bugna.....	46,716	100.00	-	-	-	-	-	-	-	-	-	-
Kobo.....	41,472	100.00	-	-	-	-	-	-	-	-	-	-
Gidan.....	33,762	97.69	614	1.78	184	0.53	-	-	-	-	-	-
Meket.....	45,242	94.04	2,126	4.42	534	1.11	205	0.43	-	-	-	-
Wadala.....	21,772	81.66	4,040	15.15	773	2.90	-	-	76	0.29	-	-
Dawutna Delanta.....	34,978	97.40	764	2.13	168	0.47	-	-	-	-	-	-
Guba Lafto.....	35,091	98.57	431	1.21	78	0.22	-	-	-	-	-	-
Habru.....	38,645	100.00	-	-	-	-	-	-	-	-	-	-
South Wollo Zone.....	487,449	99.10	3,833	0.78	578	0.12	-	-	-	-	-	-
Mekdela.....	30,731	100.00	-	-	-	-	-	-	-	-	-	-
Tenta.....	33,250	93.77	1,871	5.28	339	0.96	-	-	-	-	-	-
Kutaber.....	21,652	100.00	-	-	-	-	-	-	-	-	-	-
Ambasel.....	26,365	100.00	-	-	-	-	-	-	-	-	-	-
Tehuledere.....	23,671	100.00	-	-	-	-	-	-	-	-	-	-
Werebabu.....	21,260	100.00	-	-	-	-	-	-	-	-	-	-
Kalu.....	39,177	100.00	-	-	-	-	-	-	-	-	-	-
Dessie Zuria.....	64,306	99.03	560	0.86	68	0.10	-	-	-	-	-	-
Legambo.....	34,061	95.68	1,366	3.84	171	0.48	-	-	-	-	-	-
Sayint.....	44,853	100.00	-	-	-	-	-	-	-	-	-	-
Debresina.....	36,673	100.00	-	-	-	-	-	-	-	-	-	-
Kelala.....	29,888	99.88	36	0.12	-	-	-	-	-	-	-	-
Jama.....	25,068	100.00	-	-	-	-	-	-	-	-	-	-
Were Ilu.....	29,715	100.00	-	-	-	-	-	-	-	-	-	-
Wegde.....	26,779	100.00	-	-	-	-	-	-	-	-	-	-
North Shewa (Amhara) Zone.....	336,358	99.29	2,307	0.68	98	0.03	-	-	-	-	-	-
Middana Weremo.....	16,652	100.00	-	-	-	-	-	-	-	-	-	-
Merhabete.....	22,985	99.78	24	0.10	26	0.11	-	-	-	-	-	-
Insarona Wayu.....	24,329	99.21	194	0.79	-	-	-	-	-	-	-	-
Moretna Jiru.....	16,123	93.26	1,142	6.61	24	0.14	-	-	-	-	-	-



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



Table 8.24B:- Number of Crop Holders that Owned Mule (Specifically for ploughing) 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	%
Amhara Region .....	2,985,625	99.88	3,387	0.11	317	0.01	25	0.00	-	-	-	-
North Gonder Zone.....	426,556	99.94	192	0.04	25	0.01	25	0.01	-	-	-	-
Addi Arkay.....	23,992	100.00	-	-	-	-	-	-	-	-	-	-
Beyeda.....	17,537	100.00	-	-	-	-	-	-	-	-	-	-
Janamora .....	29,184	100.00	-	-	-	-	-	-	-	-	-	-
Debark .....	21,369	99.43	73	0.34	25	0.12	25	0.12	-	-	-	-
Dabat .....	24,578	100.00	-	-	-	-	-	-	-	-	-	-
Sanja.....	24,523	100.00	-	-	-	-	-	-	-	-	-	-
Lay Armacheho.....	24,975	100.00	-	-	-	-	-	-	-	-	-	-
Wegera .....	36,938	99.68	119	0.32	-	-	-	-	-	-	-	-
Gondar Zuria.....	38,957	100.00	-	-	-	-	-	-	-	-	-	-
Dembia .....	41,272	100.00	-	-	-	-	-	-	-	-	-	-
Chilga .....	32,286	100.00	-	-	-	-	-	-	-	-	-	-
Metema .....	10,152	100.00	-	-	-	-	-	-	-	-	-	-
Quara.....	9,401	100.00	-	-	-	-	-	-	-	-	-	-
Alefa.....	46,244	100.00	-	-	-	-	-	-	-	-	-	-
Belesa .....	45,148	100.00	-	-	-	-	-	-	-	-	-	-
South Gonder Zone.....	373,067	99.68	1,114	0.30	71	0.02	-	-	-	-	-	-
Ebenat .....	41,969	100.00	-	-	-	-	-	-	-	-	-	-
Kemekem.....	30,786	100.00	-	-	-	-	-	-	-	-	-	-
Fogera .....	40,393	100.00	-	-	-	-	-	-	-	-	-	-
Farta .....	46,449	97.51	1,114	2.34	71	0.15	-	-	-	-	-	-
Lay Gayint .....	39,303	100.00	-	-	-	-	-	-	-	-	-	-
Tach Gayint.....	20,270	100.00	-	-	-	-	-	-	-	-	-	-
Simada.....	47,033	100.00	-	-	-	-	-	-	-	-	-	-
Estie.....	63,489	100.00	-	-	-	-	-	-	-	-	-	-
Dera.....	43,376	100.00	-	-	-	-	-	-	-	-	-	-
North Wollo Zone.....	307,221	99.85	414	0.13	34	0.01	-	-	-	-	-	-
Bugna .....	46,716	100.00	-	-	-	-	-	-	-	-	-	-
Kobo.....	41,472	100.00	-	-	-	-	-	-	-	-	-	-
Gidan .....	34,560	100.00	-	-	-	-	-	-	-	-	-	-
Meket .....	48,004	99.79	103	0.21	-	-	-	-	-	-	-	-
Wadala .....	26,508	99.43	119	0.45	34	0.13	-	-	-	-	-	-
Dawutna Delanta.....	35,718	99.47	192	0.53	-	-	-	-	-	-	-	-
Guba Lafto .....	35,600	100.00	-	-	-	-	-	-	-	-	-	-
Habru.....	38,645	100.00	-	-	-	-	-	-	-	-	-	-
South Wollo Zone.....	491,811	99.99	49	0.01	-	-	-	-	-	-	-	-
Mekdela.....	30,731	100.00	-	-	-	-	-	-	-	-	-	-
Tenta .....	35,460	100.00	-	-	-	-	-	-	-	-	-	-
Kutaber.....	21,652	100.00	-	-	-	-	-	-	-	-	-	-
Ambasel .....	26,365	100.00	-	-	-	-	-	-	-	-	-	-
Tehuledere.....	23,671	100.00	-	-	-	-	-	-	-	-	-	-
Werebabu .....	21,260	100.00	-	-	-	-	-	-	-	-	-	-
Kalu.....	39,177	100.00	-	-	-	-	-	-	-	-	-	-
Dessie Zuria .....	64,934	100.00	-	-	-	-	-	-	-	-	-	-
Legambo .....	35,549	99.86	49	0.14	-	-	-	-	-	-	-	-
Sayint .....	44,853	100.00	-	-	-	-	-	-	-	-	-	-
Debresina .....	36,673	100.00	-	-	-	-	-	-	-	-	-	-
Kelala .....	29,924	100.00	-	-	-	-	-	-	-	-	-	-
Jama .....	25,068	100.00	-	-	-	-	-	-	-	-	-	-
Were Ilu .....	29,715	100.00	-	-	-	-	-	-	-	-	-	-
Wegde .....	26,779	100.00	-	-	-	-	-	-	-	-	-	-
North Shewa (Amhara) Zone.....	338,600	99.95	141	0.04	22	0.01	-	-	-	-	-	-
Middana Weremo .....	16,652	100.00	-	-	-	-	-	-	-	-	-	-
Merhabete .....	23,035	100.00	-	-	-	-	-	-	-	-	-	-
Insarona Wayu .....	24,523	100.00	-	-	-	-	-	-	-	-	-	-
Moretna Jiru .....	17,289	100.00	-	-	-	-	-	-	-	-	-	-



Table 8.24B:- Number of Crop Holders that Owned Mule (for ploughing) by Geographic Area.(Continued.)

[illegible]



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

Geographic Area.	Number of Crop Holders that Owned											
	No Ox		One Ox		Two Oxen		Three Oxen		Four Oxen		Five and above Oxen	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region.....	867,214	29.01	953,497	31.90	995,066	33.29	113,578	3.80	49,346	1.65	10,653	0.36
North Gondar Zone.....	122,643	28.74	140,571	32.94	136,190	31.91	16,582	3.89	8,800	2.06	2,012	0.47
Addi Arkay.....	8,136	33.91	8,198	34.17	6,606	27.53	601	2.51	416	1.73	35	0.15
Beyeda.....	6,667	38.02	8,372	47.74	2,302	13.13	123	0.70	73	0.42	-	-
Janamora.....	11,410	39.10	11,490	39.37	5,958	20.42	248	0.85	78	0.27	-	-
Debark.....	9,539	44.38	6,528	30.37	4,256	19.80	792	3.69	258	1.20	119	0.55
Dabat.....	9,155	37.25	9,371	38.13	5,334	21.70	685	2.79	33	0.13	-	-
Sanja.....	4,148	16.91	4,962	20.23	12,249	49.95	1,249	5.09	1,443	5.88	472	1.92
Lay Armacheho.....	7,627	30.54	8,840	35.40	7,633	30.56	576	2.31	215	0.86	84	0.34
Wegera.....	13,321	35.95	14,197	38.31	8,709	23.50	482	1.30	293	0.79	55	0.15
Gondar Zuria.....	10,789	27.69	12,049	30.93	13,551	34.78	2,149	5.52	265	0.68	154	0.40
Dembia.....	9,180	22.24	16,201	39.25	14,137	34.25	1,308	3.17	380	0.92	66	0.16
Chilga.....	7,324	22.68	9,565	29.63	13,275	41.12	1,302	4.03	653	2.02	167	0.52
Metema.....	3,369	33.19	2,344	23.09	3,278	32.29	414	4.08	501	4.93	246	2.42
Quara.....	2,638	28.06	1,951	20.75	3,498	37.21	587	6.24	607	6.46	120	1.28
Alefa.....	10,585	22.89	12,927	27.95	17,605	38.07	3,235	7.00	1,721	3.72	171	0.37
Belesa.....	8,754	19.39	13,575	30.07	17,800	39.43	2,831	6.27	1,864	4.13	324	0.72
South Gondar Zone.....	99,661	26.63	139,629	37.31	119,365	31.89	11,922	3.19	3,211	0.86	464	0.12
Ebenat.....	11,209	26.71	13,350	31.81	14,886	35.47	1,573	3.75	776	1.85	175	0.42
Kemekem.....	8,448	27.44	11,027	35.82	10,116	32.86	1,112	3.61	83	0.27	-	-
Fogera.....	11,835	29.30	12,871	31.86	12,300	30.45	2,753	6.82	586	1.45	48	0.12
Farta.....	15,750	33.06	18,997	39.88	12,012	25.22	725	1.52	150	0.31	-	-
Lay Gayint.....	14,262	36.29	16,297	41.47	8,316	21.16	308	0.78	63	0.16	57	0.15
Tach Gayint.....	6,485	31.99	8,253	40.72	5,223	25.77	195	0.96	85	0.42	29	0.14
Simada.....	11,310	24.05	16,807	35.73	17,400	37.00	1,240	2.64	222	0.47	54	0.11
Estie.....	10,146	15.98	24,867	39.17	25,211	39.71	2,564	4.04	701	1.10	-	-
Dera.....	10,214	23.55	17,159	39.56	13,900	32.05	1,453	3.35	547	1.26	103	0.24
North Wollo Zone.....	102,202	33.22	107,972	35.09	88,794	28.86	5,865	1.91	2,430	0.79	406	0.13
Bugna.....	14,374	30.77	16,687	35.72	12,665	27.11	1,933	4.14	933	2.00	124	0.27
Kobo.....	9,285	22.39	15,546	37.49	14,780	35.64	1,319	3.18	542	1.31	-	-
Gidan.....	11,343	32.82	14,114	40.84	8,660	25.06	215	0.62	131	0.38	97	0.28
Meket.....	15,465	32.15	17,717	36.83	13,926	28.95	674	1.40	325	0.68	-	-
Wadala.....	10,454	39.21	8,700	32.63	7,155	26.84	249	0.93	103	0.39	-	-
Dawutna Delanta.....	12,335	34.35	12,838	35.75	9,742	27.13	828	2.31	129	0.36	38	0.11
Guba Lafto.....	12,985	36.47	12,862	36.13	9,262	26.02	343	0.96	95	0.27	53	0.15
Habru.....	15,964	41.31	9,507	24.60	12,603	32.61	304	0.79	172	0.45	95	0.25
South Wollo Zone.....	163,165	33.17	134,183	27.28	181,004	36.80	9,540	1.94	3,370	0.69	598	0.12
Mekdela.....	9,902	32.22	9,423	30.66	11,011	35.83	366	1.19	29	0.09	-	-
Tenta.....	12,980	36.60	13,104	36.95	8,830	24.90	400	1.13	146	0.41	-	-
Kutaber.....	5,689	26.27	6,645	30.69	8,834	40.80	433	2.00	51	0.24	-	-
Ambasel.....	8,108	30.75	5,665	21.49	11,879	45.06	562	2.13	71	0.27	80	0.30
Tehuledere.....	7,740	32.70	7,282	30.76	8,186	34.58	383	1.62	51	0.22	29	0.12
Werebabu.....	7,929	37.30	5,366	25.24	7,045	33.14	417	1.96	396	1.86	107	0.50
Kalu.....	13,441	34.31	9,232	23.56	14,773	37.71	1,414	3.61	240	0.61	77	0.20
Dessie Zuria.....	23,678	36.46	18,625	28.68	21,354	32.89	1,179	1.82	-	-	98	0.15
Legambo.....	17,023	47.82	7,569	21.26	10,442	29.33	525	1.47	39	0.11	-	-
Sayint.....	10,207	22.76	13,823	30.82	19,855	44.27	629	1.40	224	0.50	115	0.26
Debresina.....	11,070	30.19	9,321	25.42	15,393	41.97	697	1.90	192	0.52	-	-
Kelala.....	8,183	27.35	5,262	17.58	14,142	47.26	1,035	3.46	1,211	4.05	91	0.30
Jama.....	8,766	34.97	7,258	28.95	8,300	33.11	515	2.05	229	0.91	-	-
Were Ilu.....	10,752	36.18	9,203	30.97	9,259	31.16	347	1.17	154	0.52	-	-
Wegde.....	7,696	28.74	6,405	23.92	11,701	43.69	639	2.39	338	1.26	-	-
North Shewa (Amhara) Zone.....	95,571	28.21	103,027	30.41	121,538	35.88	11,396	3.36	5,990	1.77	1,241	0.37
Middana Weremo.....	5,796	34.81	5,849	35.12	4,314	25.91	331	1.99	265	1.59	97	0.58
Merhabete.....	5,832	25.32	7,794	33.84	8,433	36.61	691	3.00	232	1.01	53	0.23
Insarona Wayu.....	7,040	28.71	7,947	32.41	7,989	32.58	1,016	4.14	377	1.54	154	0.63
Moretna Jiru.....	4,668	27.00	6,797	39.31	5,385	31.15	412	2.38	27	0.16	-	-



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	%
North Shewa (Amhara) Zone.....												
Gera Keya .....	9,397	34.46	9,310	34.14	7,613	27.92	836	3.07	82	0.30	30	0.11
Geshe.....	3,349	28.62	4,741	40.52	3,378	28.87	170	1.45	63	0.54	-	-
Antsokiya Gemza.....	5,405	41.62	4,495	34.62	2,957	22.77	91	0.70	37	0.28	-	-
Efratana Gidim.....	5,391	28.80	7,235	38.65	5,540	29.59	367	1.96	164	0.88	24	0.13
Lalo Midir.....	6,642	27.93	8,158	34.31	8,569	36.03	346	1.46	32	0.13	33	0.14
Mojana Wadera.....	3,677	24.53	4,557	30.40	6,429	42.89	271	1.81	21	0.14	34	0.23
Tarma Ber.....	4,893	28.53	5,209	30.37	6,152	35.87	563	3.28	316	1.84	17	0.10
Kewet.....	5,865	28.75	5,412	26.53	7,734	37.91	799	3.92	492	2.41	97	0.48
Asagirt.....	2,566	26.66	2,507	26.05	3,844	39.94	457	4.75	215	2.23	36	0.37
Angolelana Tera.....	4,094	27.42	2,561	17.15	6,629	44.40	856	5.73	657	4.40	133	0.89
Ankober.....	4,422	27.93	4,813	30.40	6,042	38.16	393	2.48	145	0.92	19	0.12
Hagere Mariam.....	2,136	20.05	2,741	25.73	4,819	45.23	690	6.48	245	2.30	23	0.22
Berehet.....	724	13.37	980	18.10	2,980	55.04	337	6.22	342	6.32	51	0.94
Minjarna Shenkora.....	5,134	22.40	3,799	16.58	9,941	43.37	1,661	7.25	2,019	8.81	366	1.60
Basona Werana.....	8,542	27.65	8,123	26.29	12,790	41.40	1,109	3.59	257	0.83	73	0.24
East Gojam Zone.....	88,065	23.35	131,279	34.80	124,430	32.99	22,104	5.86	9,078	2.41	2,252	0.60
Bibugn.....	4,228	20.75	11,598	56.91	4,192	20.57	310	1.52	27	0.13	25	0.12
Hulet Ej Enese.....	7,137	16.63	19,576	45.61	14,352	33.44	1,542	3.59	315	0.73	-	-
Goncha Siso Enese.....	5,792	21.75	10,560	39.65	9,180	34.47	979	3.68	84	0.32	36	0.14
Enbise Sar Midir.....	8,346	31.80	11,452	43.64	6,046	23.04	357	1.36	43	0.16	-	-
Enarj Enawga.....	7,862	25.03	12,138	38.65	9,986	31.79	1,105	3.52	274	0.87	43	0.14
Enemay.....	6,202	23.58	9,755	37.08	9,118	34.66	1,028	3.91	173	0.66	31	0.12
Debay Telatgen.....	5,145	21.28	8,759	36.22	8,747	36.17	952	3.94	510	2.11	69	0.29
Machakel.....	6,407	16.67	9,285	24.16	13,195	34.33	5,566	14.48	2,916	7.59	1,063	2.77
Guzamn.....	10,054	23.48	11,974	27.97	15,079	35.22	3,463	8.09	1,765	4.12	479	1.12
Baso Liben.....	6,212	23.81	7,492	28.71	9,689	37.13	1,654	6.34	866	3.32	179	0.69
Awabel.....	6,563	20.44	6,642	20.68	12,976	40.41	3,912	12.18	1,839	5.73	179	0.56
Dejen.....	6,633	32.73	6,495	32.05	5,935	29.28	983	4.85	138	0.68	83	0.41
Shebel Berenta.....	7,484	38.54	5,552	28.59	5,937	30.57	253	1.30	129	0.66	64	0.33
West Gojam Zone.....	84,049	22.61	121,193	32.60	129,672	34.88	25,912	6.97	8,675	2.33	2,262	0.61
Achefer.....	10,965	22.85	9,771	20.36	18,982	39.55	5,698	11.87	2,242	4.67	332	0.69
Bahir Dar Zuria.....	10,768	24.05	10,804	24.13	18,169	40.58	3,504	7.83	1,117	2.49	415	0.93
Yilman Densa.....	11,406	21.37	25,214	47.24	15,151	28.38	1,461	2.74	76	0.14	70	0.13
Merawi.....	10,474	21.91	11,965	25.03	19,028	39.80	5,021	10.50	991	2.07	332	0.69
Sekela.....	7,272	28.24	10,098	39.21	7,734	30.03	537	2.09	110	0.43	-	-
Kuarit.....	5,045	16.81	14,583	48.59	9,441	31.46	718	2.39	225	0.75	-	-
Dega Damot.....	4,915	17.08	15,082	52.40	8,012	27.84	729	2.53	43	0.15	-	-
Dembecha.....	3,518	16.07	4,395	20.07	9,348	42.69	3,033	13.85	1,297	5.92	305	1.39
Jabi Tehnan.....	9,194	25.83	10,821	30.40	12,624	35.46	2,140	6.01	627	1.76	190	0.53
Bure Wemberma.....	10,492	29.33	8,461	23.65	11,183	31.26	3,073	8.59	1,947	5.44	616	1.72
Waghamra Zone.....	22,777	30.11	25,759	34.05	23,054	30.47	2,114	2.79	1,560	2.06	390	0.52
Zikuala.....	2,780	20.89	3,573	26.85	5,386	40.48	699	5.25	639	4.80	228	1.71
Sekota.....	10,297	30.52	11,704	34.69	9,948	29.48	1,099	3.26	644	1.91	48	0.14
Dehana.....	9,702	33.91	10,482	36.64	7,719	26.98	316	1.10	277	0.97	114	0.40
Awı Zone.....	64,673	42.35	32,627	21.36	43,266	28.33	6,347	4.16	4,995	3.27	815	0.53
Dangela.....	9,194	27.04	7,283	21.42	12,780	37.59	2,722	8.01	1,631	4.80	387	1.14
Banja.....	18,269	70.46	4,263	16.44	2,993	11.54	302	1.16	30	0.12	70	0.27
Ankesha.....	18,293	48.07	9,029	23.73	8,863	23.29	1,056	2.77	815	2.14	-	-
Guangua.....	9,286	29.69	5,822	18.62	11,897	38.04	1,686	5.39	2,224	7.11	358	1.14
Faggeta Lekoma.....	9,631	41.03	6,231	26.55	6,732	28.68	581	2.48	296	1.26	-	-
Oromia Zone.....	24,405	33.59	17,258	23.75	27,754	38.20	1,797	2.47	1,237	1.70	212	0.29
Chefe Golana Dawe Rahimedo.....	10,634	35.36	6,073	20.19	11,697	38.89	795	2.64	721	2.40	155	0.52
Bati.....	5,047	30.95	4,122	25.27	6,400	39.24	544	3.34	175	1.07	21	0.13
Jile Tsumiga.....	3,413	28.83	3,457	29.20	4,748	40.11	107	0.90	113	0.95	-	-
Artuma Fursi.....	5,313	36.79	3,606	24.97	4,909	33.99	350	2.42	228	1.58	36	0.25



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

Geographic Area.	Number of Crop Holders that Owned											
	No Ass		One Ass		Two Asses		Three Asses		Four Asses		Five and above Asses	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region.....	2,102,809	70.34	731,149	24.46	134,385	4.50	16,454	0.55	2,153	0.07	2,404	0.08
North Gondar Zone.....	288,386	67.57	115,094	26.97	20,147	4.72	2,488	0.58	235	0.06	448	0.10
Addi Arkay.....	17,328	72.22	5,691	23.72	708	2.95	265	1.10	-	-	-	-
Beyeda.....	10,536	60.08	5,881	33.53	910	5.19	149	0.85	17	0.10	44	0.25
Janamora.....	18,803	64.43	7,351	25.19	2,660	9.11	332	1.14	-	-	38	0.13
Debark.....	15,744	73.26	4,371	20.34	1,149	5.35	196	0.91	32	0.15	-	-
Dabat.....	17,627	71.72	5,597	22.77	1,155	4.70	170	0.69	-	-	29	0.12
Sanja.....	14,526	59.23	8,637	35.22	1,234	5.03	66	0.27	30	0.12	30	0.12
Lay Armacheho.....	17,743	71.04	6,270	25.11	855	3.42	34	0.14	40	0.16	33	0.13
Wegera.....	24,372	65.77	10,778	29.08	1,852	5.00	55	0.15	-	-	-	-
Gondar Zuria.....	21,988	56.44	14,459	37.12	2,374	6.09	136	0.35	-	-	-	-
Dembia.....	34,298	83.10	5,888	14.27	1,039	2.52	-	-	-	-	47	0.11
Chilga.....	19,623	60.78	11,370	35.22	1,035	3.21	167	0.52	-	-	91	0.28
Metema.....	5,054	49.78	4,842	47.70	256	2.52	-	-	-	-	-	-
Quara.....	5,111	54.37	3,897	41.45	357	3.80	28	0.30	-	-	8	0.09
Alefa.....	35,238	76.20	9,772	21.13	1,169	2.53	-	-	-	-	65	0.14
Belesa.....	30,393	67.32	10,292	22.80	3,395	7.52	890	1.97	116	0.26	62	0.14
South Gondar Zone.....	274,979	73.47	78,346	20.93	18,054	4.82	2,365	0.63	96	0.03	412	0.11
Ebenat.....	29,287	69.78	9,636	22.96	2,468	5.88	444	1.06	43	0.10	91	0.22
Kemekem.....	20,872	67.80	8,134	26.42	1,603	5.21	177	0.57	-	-	-	-
Fogera.....	32,501	80.46	6,712	16.62	1,129	2.80	51	0.13	-	-	-	-
Farta.....	34,171	71.74	11,796	24.76	1,545	3.24	122	0.26	-	-	-	-
Lay Gayint.....	27,848	70.85	9,461	24.07	1,726	4.39	218	0.55	-	-	50	0.13
Tach Gayint.....	11,812	58.27	6,963	34.35	1,336	6.59	82	0.40	-	-	77	0.38
Simada.....	33,653	71.55	8,743	18.59	3,756	7.99	776	1.65	52	0.11	53	0.11
Estie.....	47,608	74.99	12,092	19.05	3,211	5.06	496	0.78	-	-	82	0.13
Dera.....	37,228	85.83	4,810	11.09	1,279	2.95	-	-	-	-	59	0.14
North Wollo Zone.....	227,623	73.98	64,361	20.92	13,856	4.50	1,443	0.47	227	0.07	159	0.05
Bugna.....	33,330	71.35	10,673	22.85	2,384	5.10	329	0.70	-	-	-	-
Kobo.....	31,126	75.05	8,893	21.44	1,453	3.50	-	-	-	-	-	-
Gidan.....	23,422	67.77	8,674	25.10	2,198	6.36	227	0.66	39	0.11	-	-
Meket.....	36,219	75.29	9,123	18.96	2,396	4.98	193	0.40	60	0.12	116	0.24
Wadala.....	21,798	81.76	3,911	14.67	818	3.07	134	0.50	-	-	-	-
Dawutna Delanta.....	23,111	64.36	9,834	27.39	2,560	7.13	329	0.92	76	0.21	-	-
Guba Lafto.....	25,566	71.81	8,413	23.63	1,389	3.90	136	0.38	53	0.15	43	0.12
Habru.....	33,050	85.52	4,841	12.53	659	1.71	95	0.25	-	-	-	-
South Wollo Zone.....	334,677	68.04	127,863	26.00	24,552	4.99	3,912	0.80	520	0.11	336	0.07
Mekdela.....	19,139	62.28	9,702	31.57	1,536	5.00	237	0.77	74	0.24	43	0.14
Tenta.....	22,599	63.73	9,840	27.75	2,460	6.94	411	1.16	150	0.42	-	-
Kutaber.....	14,612	67.49	5,283	24.40	1,522	7.03	209	0.97	26	0.12	-	-
Ambasel.....	17,707	67.16	7,048	26.73	1,478	5.61	132	0.50	-	-	-	-
Tehuledere.....	19,763	83.49	3,348	14.14	560	2.37	-	-	-	-	-	-
Werebabu.....	16,573	77.95	4,144	19.49	493	2.32	50	0.24	-	-	-	-
Kalu.....	31,527	80.47	6,435	16.43	1,061	2.71	100	0.26	-	-	54	0.14
Dessie Zuria.....	43,408	66.85	19,674	30.30	1,484	2.29	368	0.57	-	-	-	-
Legambo.....	21,315	59.88	11,855	33.30	2,170	6.10	218	0.61	-	-	40	0.11
Sayint.....	31,347	69.89	11,566	25.79	1,590	3.54	290	0.65	60	0.13	-	-
Debresina.....	28,319	77.22	6,805	18.56	1,312	3.58	140	0.38	52	0.14	45	0.12
Kelala.....	18,796	62.81	7,811	26.10	2,813	9.40	338	1.13	92	0.31	74	0.25
Jama.....	14,781	58.96	7,568	30.19	2,175	8.68	514	2.05	-	-	30	0.12
Were Ilu.....	14,991	50.45	11,476	38.62	2,516	8.47	650	2.19	30	0.10	52	0.17
Wegde.....	19,795	73.92	5,310	19.83	1,382	5.16	256	0.96	36	0.13	-	-
North Shewa (Amhara) Zone.....	190,499	56.23	123,248	36.38	21,957	6.48	2,403	0.71	317	0.09	339	0.10
Middana Weremo.....	11,416	68.56	4,486	26.94	677	4.07	50	0.30	-	-	23	0.14
Merhabete.....	12,601	54.70	9,582	41.60	730	3.17	93	0.40	-	-	29	0.13
Insarona Wayu.....	12,537	51.12	10,433	42.54	1,406	5.73	118	0.48	-	-	29	0.12
Moretna Jiru.....	8,188	47.36	7,684	44.44	1,346	7.79	71	0.41	-	-	-	-



Table 8.26B:-Number of Crop Holders that Owned Ass ( threshing /transportation) 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	%
North Shewa (Amhara) Zone .....												
Gera Keya .....	15,247	55.92	9,522	34.92	2,226	8.16	237	0.87	36	0.13	-	-
Geshe .....	6,621	56.58	4,702	40.18	345	2.95	33	0.28	-	-	-	-
Antsokiya Gemza .....	8,184	63.03	4,443	34.22	341	2.63	17	0.13	-	-	-	-
Efratana Gidim .....	12,949	69.17	5,269	28.14	457	2.44	21	0.11	25	0.13	-	-
Lalo Midir .....	14,491	60.94	8,099	34.06	1,098	4.62	65	0.27	-	-	27	0.11
Mojana Wadera .....	8,711	58.12	5,328	35.55	877	5.85	34	0.23	-	-	39	0.26
Tarma Ber .....	11,548	67.34	4,749	27.69	790	4.61	63	0.37	-	-	-	-
Kewet .....	12,505	61.30	7,071	34.66	725	3.55	72	0.35	-	-	26	0.13
Asagirt .....	5,252	54.57	3,837	39.86	502	5.22	34	0.35	-	-	-	-
Angolelana Tera .....	7,304	48.92	5,534	37.07	1,806	12.10	266	1.78	20	0.13	-	-
Ankober .....	11,957	75.51	3,181	20.09	676	4.27	20	0.13	-	-	-	-
Hagere Mariam .....	4,806	45.11	4,720	44.30	1,041	9.77	75	0.70	12	0.11	-	-
Berehet .....	2,642	48.80	2,194	40.52	547	10.10	23	0.42	-	-	8	0.15
Minjarna Shenkora .....	8,220	35.86	9,918	43.27	3,868	16.88	719	3.14	107	0.47	88	0.38
Basona Werana .....	15,318	49.58	12,498	40.45	2,499	8.09	392	1.27	116	0.38	71	0.23
East Gojam Zone .....	269,631	71.48	88,792	23.54	16,479	4.37	1,737	0.46	374	0.10	195	0.05
Bibugn .....	17,292	84.85	2,757	13.53	306	1.50	-	-	-	-	25	0.12
Hulet Ej Enese .....	32,812	76.45	8,233	19.18	1,637	3.81	120	0.28	120	0.28	-	-
Goncha Siso Enese .....	18,130	68.08	7,138	26.80	1,255	4.71	108	0.41	-	-	-	-
Enbise Sar Midir .....	18,037	68.73	6,465	24.63	1,572	5.99	135	0.51	35	0.13	-	-
Enarj Enawga .....	19,802	63.05	9,048	28.81	2,113	6.73	402	1.28	43	0.14	-	-
Enemay .....	15,744	59.85	9,068	34.47	1,307	4.97	123	0.47	65	0.25	-	-
Debay Telatgen .....	14,635	60.52	7,745	32.03	1,557	6.44	138	0.57	39	0.16	68	0.28
Machakel .....	31,054	80.80	6,042	15.72	1,186	3.09	48	0.12	-	-	102	0.27
Guzamn .....	33,738	78.80	7,648	17.86	1,231	2.88	148	0.35	49	0.11	-	-
Baso Liben .....	18,913	72.49	6,477	24.82	629	2.41	73	0.28	-	-	-	-
Awabel .....	22,107	68.85	7,934	24.71	1,877	5.85	193	0.60	-	-	-	-
Dejen .....	13,939	68.78	5,181	25.56	937	4.62	186	0.92	24	0.12	-	-
Shebel Berenta .....	13,428	69.15	5,056	26.04	871	4.49	64	0.33	-	-	-	-
West Gojam Zone .....	277,203	74.56	84,056	22.61	9,244	2.49	807	0.22	81	0.02	372	0.10
Achefer .....	35,637	74.26	11,237	23.42	924	1.93	71	0.15	-	-	121	0.25
Bahir Dar Zuria .....	32,540	72.67	11,322	25.29	915	2.04	-	-	-	-	-	-
Yilman Densa .....	37,781	70.78	14,305	26.80	1,115	2.09	125	0.23	52	0.10	-	-
Merawi .....	33,922	70.95	12,038	25.18	1,586	3.32	200	0.42	-	-	65	0.14
Sekela .....	20,669	80.26	4,660	18.10	386	1.50	-	-	-	-	36	0.14
Kuarit .....	22,727	75.73	6,634	22.10	579	1.93	72	0.24	-	-	-	-
Dega Damot .....	23,513	81.70	4,769	16.57	499	1.73	-	-	-	-	-	-
Dembecha .....	15,995	73.05	5,375	24.55	459	2.10	38	0.17	29	0.13	-	-
Jabi Tehnan .....	28,714	80.67	5,928	16.65	905	2.54	-	-	-	-	49	0.14
Bure Wemberma .....	25,706	71.86	7,788	21.77	1,876	5.24	301	0.84	-	-	101	0.28
Waghamra Zone .....	53,695	70.97	16,689	22.06	4,253	5.62	765	1.01	196	0.26	56	0.07
Zikuala .....	6,978	52.45	4,800	36.08	1,184	8.90	176	1.32	111	0.83	56	0.42
Sekota .....	25,068	74.30	6,641	19.68	1,705	5.05	278	0.82	48	0.14	-	-
Dehana .....	21,651	75.68	5,247	18.34	1,364	4.77	311	1.09	37	0.13	-	-
Awii Zone .....	129,338	84.69	18,273	11.96	4,503	2.95	431	0.28	91	0.06	87	0.06
Dangela .....	25,565	75.20	6,898	20.29	1,368	4.02	121	0.36	45	0.13	-	-
Banja .....	24,918	96.11	737	2.84	272	1.05	-	-	-	-	-	-
Ankesha .....	34,496	90.65	2,425	6.37	994	2.61	45	0.12	46	0.12	50	0.13
Guangua .....	24,205	77.40	5,439	17.39	1,354	4.33	238	0.76	-	-	37	0.12
Faggeta Lekoma .....	20,154	85.87	2,775	11.82	515	2.19	27	0.12	-	-	-	-
Oromia Zone .....	56,777	78.14	14,426	19.85	1,340	1.84	103	0.14	17	0.02	-	-
Chefe Golana Dawe Rahimedo .....	25,105	83.47	4,453	14.81	469	1.56	48	0.16	-	-	-	-
Bati .....	14,163	86.84	1,909	11.71	216	1.32	21	0.13	-	-	-	-
Jile Tsumiga .....	6,369	53.80	5,061	42.75	373	3.15	35	0.30	-	-	-	-
Artuma Fursi .....	11,139	77.13	3,003	20.79	283	1.96	-	-	17	0.12	-	-



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

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	%
Amhara Region .....	2,980,199	99.69	6,556	0.22	1,962	0.07	435	0.01	121	0.00	81	0.00
North Gondar Zone .....	426,387	99.90	366	0.09	45	0.01	-	-	-	-	-	-
Addi Arkay.....	23,992	100.00	-	-	-	-	-	-	-	-	-	-
Beyeda.....	17,537	100.00	-	-	-	-	-	-	-	-	-	-
Janamora .....	29,184	100.00	-	-	-	-	-	-	-	-	-	-
Debark .....	21,492	100.00	-	-	-	-	-	-	-	-	-	-
Danat .....	24,578	100.00	-	-	-	-	-	-	-	-	-	-
Sanja .....	24,523	100.00	-	-	-	-	-	-	-	-	-	-
Lay Armacheho.....	24,975	100.00	-	-	-	-	-	-	-	-	-	-
Wegera .....	37,057	100.00	-	-	-	-	-	-	-	-	-	-
Gondar Zuria.....	38,957	100.00	-	-	-	-	-	-	-	-	-	-
Dembia .....	41,272	100.00	-	-	-	-	-	-	-	-	-	-
Chilga .....	32,286	100.00	-	-	-	-	-	-	-	-	-	-
Metema .....	9,847	97.00	279	2.75	26	0.26	-	-	-	-	-	-
Quara.....	9,295	98.87	87	0.93	19	0.20	-	-	-	-	-	-
Alefa .....	46,244	100.00	-	-	-	-	-	-	-	-	-	-
Belesa .....	45,148	100.00	-	-	-	-	-	-	-	-	-	-
South Gondar Zone .....	374,137	99.97	-	-	71	0.02	-	-	-	-	44	0.01
Ebenat .....	41,969	100.00	-	-	-	-	-	-	-	-	-	-
Kemekem .....	30,742	99.86	-	-	-	-	-	-	-	-	44	0.14
Fogera .....	40,393	100.00	-	-	-	-	-	-	-	-	-	-
Farta .....	47,563	99.85	-	-	71	0.15	-	-	-	-	-	-
Lay Gayint .....	39,303	100.00	-	-	-	-	-	-	-	-	-	-
Tach Gayint.....	20,270	100.00	-	-	-	-	-	-	-	-	-	-
Simada .....	47,033	100.00	-	-	-	-	-	-	-	-	-	-
Estie.....	63,489	100.00	-	-	-	-	-	-	-	-	-	-
Dera.....	43,376	100.00	-	-	-	-	-	-	-	-	-	-
North Wollo Zone .....	304,483	98.96	2,476	0.80	578	0.19	132	0.04	-	-	-	-
Bugna .....	46,716	100.00	-	-	-	-	-	-	-	-	-	-
Kobo.....	39,720	95.78	1,529	3.69	223	0.54	-	-	-	-	-	-
Gidan .....	34,560	100.00	-	-	-	-	-	-	-	-	-	-
Meket .....	48,107	100.00	-	-	-	-	-	-	-	-	-	-
Wadala .....	26,661	100.00	-	-	-	-	-	-	-	-	-	-
Dawutna Delanta.....	35,866	99.88	44	0.12	-	-	-	-	-	-	-	-
Guba Lafto .....	35,501	99.72	99	0.28	-	-	-	-	-	-	-	-
Habru.....	37,355	96.66	804	2.08	354	0.92	132	0.34	-	-	-	-
South Wollo Zone .....	490,471	99.72	942	0.19	421	0.09	26	0.01	-	-	-	-
Mekdela.....	30,693	99.88	38	0.12	-	-	-	-	-	-	-	-
Tenta .....	35,460	100.00	-	-	-	-	-	-	-	-	-	-
Kutaber.....	21,626	99.88	-	-	-	-	26	0.12	-	-	-	-
Ambasel .....	26,289	99.71	76	0.29	-	-	-	-	-	-	-	-
Tehuledere.....	23,671	100.00	-	-	-	-	-	-	-	-	-	-
Werebabu .....	20,790	97.79	266	1.25	204	0.96	-	-	-	-	-	-
Kalu.....	38,398	98.01	561	1.43	218	0.56	-	-	-	-	-	-
Dessie Zuria .....	64,934	100.00	-	-	-	-	-	-	-	-	-	-
Legambo .....	35,598	100.00	-	-	-	-	-	-	-	-	-	-
Sayint .....	44,853	100.00	-	-	-	-	-	-	-	-	-	-
Debresina .....	36,673	100.00	-	-	-	-	-	-	-	-	-	-
Kelala .....	29,924	100.00	-	-	-	-	-	-	-	-	-	-
Jama .....	25,068	100.00	-	-	-	-	-	-	-	-	-	-
Were Ilu .....	29,715	100.00	-	-	-	-	-	-	-	-	-	-
Wegde .....	26,779	100.00	-	-	-	-	-	-	-	-	-	-
North Shewa (Amhara) Zone.....	337,797	99.71	670	0.20	156	0.05	120	0.04	-	-	20	0.01
Middana Weremo .....	16,652	100.00	-	-	-	-	-	-	-	-	-	-
Merhabete .....	23,035	100.00	-	-	-	-	-	-	-	-	-	-
Insarona Wayu .....	24,523	100.00	-	-	-	-	-	-	-	-	-	-
Moretna Jiru .....	17,289	100.00	-	-	-	-	-	-	-	-	-	-



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

Geographic Area.	Number of Crop Holders that Owned											
	No Camel		One Camel		Two Camels		Three Camels		Four Camels		Five and above	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone.....												
Gera Keya .....	27,268	100.00	-	-	-	-	-	-	-	-	-	-
Geshe.....	11,701	100.00	-	-	-	-	-	-	-	-	-	-
Antsokiya Gemza.....	12,985	100.00	-	-	-	-	-	-	-	-	-	-
Efratana Gidim.....	18,640	99.57	57	0.30	-	-	24	0.13	-	-	-	-
Lalo Midir.....	23,780	100.00	-	-	-	-	-	-	-	-	-	-
Mojana Wadera.....	14,989	100.00	-	-	-	-	-	-	-	-	-	-
Tarma Ber .....	17,099	99.70	-	-	-	-	31	0.18	-	-	20	0.12
Kewet .....	20,369	99.85	-	-	30	0.15	-	-	-	-	-	-
Asagirt.....	9,625	100.00	-	-	-	-	-	-	-	-	-	-
Angolelana Tera.....	14,930	100.00	-	-	-	-	-	-	-	-	-	-
Ankober.....	15,735	99.37	25	0.16	25	0.16	49	0.31	-	-	-	-
Hagere Mariam .....	10,654	100.00	-	-	-	-	-	-	-	-	-	-
Berehet .....	5,257	97.10	67	1.24	75	1.39	15	0.28	-	-	-	-
Minjarna Shenkora.....	22,372	97.61	521	2.27	27	0.12	-	-	-	-	-	-
Basona Werana .....	30,894	100.00	-	-	-	-	-	-	-	-	-	-
East Gojam Zone .....	377,119	99.98	45	0.01	-	-	-	-	44	0.01	-	-
Bibugn.....	20,380	100.00	-	-	-	-	-	-	-	-	-	-
Hulet Ej Enese .....	42,922	100.00	-	-	-	-	-	-	-	-	-	-
Goncha Siso Enese.....	26,631	100.00	-	-	-	-	-	-	-	-	-	-
Enbise Sar Midir.....	26,244	100.00	-	-	-	-	-	-	-	-	-	-
Enarj Enawga.....	31,364	99.86	-	-	-	-	-	-	44	0.14	-	-
Enemay .....	26,307	100.00	-	-	-	-	-	-	-	-	-	-
Debay Telatgen .....	24,182	100.00	-	-	-	-	-	-	-	-	-	-
Machakel.....	38,387	99.88	45	0.12	-	-	-	-	-	-	-	-
Guzamn .....	42,814	100.00	-	-	-	-	-	-	-	-	-	-
Baso Liben .....	26,092	100.00	-	-	-	-	-	-	-	-	-	-
Awabel .....	32,111	100.00	-	-	-	-	-	-	-	-	-	-
Dejen .....	20,267	100.00	-	-	-	-	-	-	-	-	-	-
Shebel Berenta.....	19,419	100.00	-	-	-	-	-	-	-	-	-	-
West Gojam Zone .....	371,722	99.99	-	-	41	0.01	-	-	-	-	-	-
Achefer.....	47,990	100.00	-	-	-	-	-	-	-	-	-	-
Bahir Dar Zuria.....	44,777	100.00	-	-	-	-	-	-	-	-	-	-
Yilman Densa .....	53,378	100.00	-	-	-	-	-	-	-	-	-	-
Merawi .....	47,811	100.00	-	-	-	-	-	-	-	-	-	-
Sekela.....	25,751	100.00	-	-	-	-	-	-	-	-	-	-
Kuarit .....	30,012	100.00	-	-	-	-	-	-	-	-	-	-
Dega Damot .....	28,781	100.00	-	-	-	-	-	-	-	-	-	-
Dembecha .....	21,896	100.00	-	-	-	-	-	-	-	-	-	-
Jabi Tehnan .....	35,555	99.88	-	-	41	0.12	-	-	-	-	-	-
Bure Wemberma.....	35,772	100.00	-	-	-	-	-	-	-	-	-	-
Waghamra Zone.....	75,654	100.00	-	-	-	-	-	-	-	-	-	-
Zikuala. ....	13,305	100.00	-	-	-	-	-	-	-	-	-	-
Sekota.....	33,740	100.00	-	-	-	-	-	-	-	-	-	-
Dehana .....	28,610	100.00	-	-	-	-	-	-	-	-	-	-
Awi Zone .....	152,723	100.00	-	-	-	-	-	-	-	-	-	-
Dangela. ....	33,997	100.00	-	-	-	-	-	-	-	-	-	-
Banja .....	25,927	100.00	-	-	-	-	-	-	-	-	-	-
Ankesha.....	38,056	100.00	-	-	-	-	-	-	-	-	-	-
Guangua.....	31,273	100.00	-	-	-	-	-	-	-	-	-	-
Faggeta Lekoma.....	23,471	100.00	-	-	-	-	-	-	-	-	-	-
Oromia Zone .....	69,706	95.93	2,057	2.83	649	0.89	157	0.22	77	0.11	17	0.02
Chefe Golana Dawe Rahimedo	29,430	97.86	469	1.56	176	0.59	-	-	-	-	-	-
Bati .....	14,436	88.52	1,459	8.95	294	1.80	47	0.29	56	0.34	17	0.10
Jile Tsumiga.....	11,599	97.98	84	0.71	69	0.58	65	0.55	21	0.18	-	-
Artuma Fursi.....	14,241	98.61	45	0.31	111	0.77	45	0.31	-	-	-	-



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

Geographic Area.	Number of Crop Holders that Owned											
	No Cattle		One Cattle		Two Cattle		Three Cattle		Four Cattle		Five and above Cattle	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region.....	749,094	25.06	685,033	22.92	785,388	26.27	353,875	11.84	213,732	7.15	202,232	6.77
North Gondar Zone.....	118,967	27.87	119,153	27.92	110,023	25.78	34,554	8.10	20,216	4.74	23,885	5.60
Addi Arkay .....	7,885	32.87	5,145	21.44	4,811	20.05	1,767	7.36	1,485	6.19	2,899	12.08
Beyeda .....	6,274	35.78	6,558	37.40	3,375	19.25	929	5.30	304	1.73	97	0.55
Janamora.....	10,741	36.80	10,601	36.32	6,004	20.57	1,146	3.93	535	1.83	157	0.54
Debark.....	9,170	42.67	6,518	30.33	3,708	17.25	1,175	5.47	546	2.54	375	1.74
Dabat.....	8,516	34.65	8,395	34.16	4,875	19.83	1,620	6.59	677	2.75	495	2.01
Sanja.....	6,593	26.88	4,212	17.18	5,824	23.75	2,163	8.82	1,738	7.09	3,993	16.28
Lay Armacheho .....	7,264	29.09	6,400	25.63	6,637	26.57	2,009	8.04	1,111	4.45	1,554	6.22
Wegera.....	12,381	33.41	11,291	30.47	8,742	23.59	2,368	6.39	1,627	4.39	648	1.75
Gondar Zuria.....	10,926	28.05	10,686	27.43	11,249	28.88	3,632	9.32	1,151	2.95	1,313	3.37
Dembia.....	8,634	20.92	15,313	37.10	12,400	30.04	2,693	6.53	1,158	2.81	1,074	2.60
Chilga.....	6,841	21.19	7,460	23.11	9,246	28.64	4,077	12.63	2,455	7.60	2,207	6.84
Metema.....	3,121	30.74	2,172	21.39	2,621	25.82	631	6.22	687	6.77	920	9.06
Quara.....	2,549	27.11	1,509	16.05	2,249	23.92	1,089	11.58	889	9.46	1,116	11.87
Alefa.....	10,121	21.89	12,199	26.38	13,999	30.27	4,831	10.45	2,495	5.40	2,599	5.62
Belesa.....	7,951	17.61	10,694	23.69	14,284	31.64	4,423	9.80	3,359	7.44	4,437	9.83
South Gondar Zone.....	85,701	22.90	89,379	23.88	92,714	24.77	50,627	13.53	28,105	7.51	27,726	7.41
Ebenat.....	10,523	25.07	10,077	24.01	12,161	28.98	4,390	10.46	3,258	7.76	1,560	3.72
Kemekem.....	8,069	26.21	8,558	27.80	8,292	26.93	2,797	9.09	1,325	4.30	1,745	5.67
Fogera.....	12,020	29.76	9,668	23.93	8,807	21.80	4,237	10.49	2,517	6.23	3,144	7.78
Farta.....	12,747	26.76	9,753	20.47	11,723	24.61	6,500	13.65	3,202	6.72	3,709	7.79
Lay Gayint.....	12,143	30.90	13,520	34.40	8,242	20.97	3,211	8.17	1,441	3.67	746	1.90
Tach Gayint.....	5,231	25.81	6,107	30.13	5,455	26.91	2,140	10.56	941	4.64	396	1.95
Simada.....	8,486	18.04	9,471	20.14	11,894	25.29	7,230	15.37	4,489	9.54	5,463	11.62
Estie.....	8,095	12.75	13,419	21.14	15,917	25.07	13,058	20.57	6,280	9.89	6,720	10.58
Dera.....	8,389	19.34	8,806	20.30	10,222	23.57	7,062	16.28	4,653	10.73	4,244	9.78
North Wollo Zone.....	82,094	26.68	73,815	23.99	83,902	27.27	36,164	11.75	19,286	6.27	12,408	4.03
Bugna.....	12,415	26.58	12,368	26.47	10,324	22.10	6,510	13.94	3,689	7.90	1,410	3.02
Kobo.....	8,494	20.48	11,848	28.57	13,771	33.21	3,772	9.10	2,119	5.11	1,468	3.54
Gidan.....	8,667	25.08	7,845	22.70	8,505	24.61	5,043	14.59	2,961	8.57	1,539	4.45
Meket.....	11,265	23.42	13,235	27.51	12,572	26.13	6,079	12.64	3,179	6.61	1,777	3.69
Wadala.....	7,810	29.29	7,383	27.69	7,124	26.72	2,333	8.75	1,368	5.13	643	2.41
Dawutna Delanta.....	9,841	27.40	6,468	18.01	11,066	30.82	4,679	13.03	2,583	7.19	1,273	3.54
Guba Lafto.....	9,138	25.67	7,400	20.79	10,199	28.65	4,606	12.94	1,934	5.43	2,323	6.53
Habru.....	14,464	37.43	7,269	18.81	10,340	26.76	3,143	8.13	1,453	3.76	1,976	5.11
South Wollo Zone.....	133,794	27.20	97,651	19.85	145,951	29.67	61,288	12.46	34,090	6.93	19,086	3.88
Mekdela.....	7,773	25.29	5,597	18.21	9,224	30.02	4,284	13.94	2,576	8.38	1,277	4.16
Tenta.....	9,996	28.19	9,197	25.94	8,797	24.81	4,583	12.92	1,769	4.99	1,118	3.15
Kutaber.....	4,285	19.79	3,426	15.82	5,449	25.17	3,887	17.95	2,935	13.56	1,670	7.71
Ambasel.....	7,175	27.21	4,613	17.50	8,521	32.32	3,599	13.65	1,635	6.20	822	3.12
Tehuledere.....	6,460	27.29	5,438	22.97	6,347	26.81	2,415	10.20	1,621	6.85	1,390	5.87
Werebabu.....	7,421	34.91	3,669	17.26	6,016	28.30	2,254	10.60	1,319	6.20	581	2.73
Kalu.....	12,563	32.07	8,237	21.03	12,510	31.93	3,619	9.24	1,522	3.88	726	1.85
Dessie Zuria.....	17,781	27.38	14,520	22.36	19,116	29.44	7,821	12.04	3,251	5.01	2,445	3.77
Legambo.....	14,026	39.40	5,065	14.23	9,073	25.49	4,575	12.85	2,029	5.70	830	2.33
Sayint.....	8,018	17.88	9,846	21.95	16,129	35.96	6,649	14.82	3,453	7.70	758	1.69
Debresina.....	9,559	26.07	7,245	19.76	11,296	30.80	4,560	12.43	2,469	6.73	1,544	4.21
Kelala.....	7,466	24.95	4,304	14.38	12,212	40.81	1,995	6.67	2,259	7.55	1,688	5.64
Jama.....	6,605	26.35	4,599	18.35	6,750	26.93	3,231	12.89	2,567	10.24	1,316	5.25
Were Ilu.....	8,327	28.02	7,275	24.48	7,667	25.80	3,658	12.31	1,825	6.14	963	3.24
Wegde.....	6,339	23.67	4,621	17.26	6,843	25.55	4,158	15.53	2,859	10.68	1,959	7.32
North Shewa (Amhara) Zone.....	80,422	23.74	76,610	22.61	92,952	27.44	42,681	12.60	25,632	7.57	20,466	6.04
Middana Weremo.....	5,569	33.44	5,432	32.62	4,122	24.75	749	4.50	350	2.10	430	2.58
Merhabete.....	5,256	22.82	7,213	31.31	7,381	32.04	1,866	8.10	593	2.57	726	3.15
Insarona Wayu.....	5,965	24.32	5,675	23.14	6,354	25.91	3,398	13.86	2,087	8.51	1,044	4.26
Moretna Jiru.....	4,168	24.11	5,075	29.35	5,020	29.04	2,073	11.99	615	3.56	338	1.96



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	%
North Shewa (Amhara) Zone .....												
Gera Keya .....	7,255	26.61	6,550	24.02	7,118	26.10	3,114	11.42	1,878	6.89	1,353	4.96
Geshe .....	2,730	23.33	2,924	24.99	3,382	28.90	1,654	14.14	804	6.87	207	1.77
Antsokiya Gemza .....	4,804	37.00	3,806	29.31	3,154	24.29	793	6.11	300	2.31	128	0.99
Efratana Gidim .....	5,065	27.06	6,228	33.27	5,461	29.17	1,131	6.04	454	2.43	382	2.04
Lalo Midir .....	4,593	19.31	6,188	26.02	7,280	30.61	4,019	16.90	1,481	6.23	219	0.92
Mojana Wadera .....	3,161	21.09	2,893	19.30	4,655	31.06	2,854	19.04	1,142	7.62	284	1.89
Tarma Ber .....	3,875	22.59	3,646	21.26	4,725	27.55	2,224	12.97	1,227	7.15	1,453	8.47
Kewet .....	5,021	24.61	4,211	20.64	4,911	24.07	2,501	12.26	1,551	7.60	2,204	10.80
Asagirt .....	1,860	19.32	1,323	13.75	2,283	23.72	1,832	19.03	1,326	13.78	1,001	10.40
Angolelana Tera .....	2,634	17.64	1,450	9.71	2,525	16.91	2,439	16.34	2,600	17.41	3,282	21.98
Ankober .....	3,953	24.97	3,444	21.75	4,128	26.07	1,809	11.42	1,293	8.17	1,207	7.62
Hagere Mariam .....	1,736	16.29	1,720	16.14	2,495	23.42	2,061	19.34	1,456	13.67	1,186	11.13
Berehet .....	562	10.38	779	14.39	2,502	46.21	690	12.74	506	9.35	375	6.93
Minjarna Shenkora .....	4,519	19.72	3,136	13.68	7,145	31.17	2,422	10.57	2,830	12.35	2,868	12.51
Basona Werana .....	7,700	24.92	4,916	15.91	8,309	26.90	5,051	16.35	3,140	10.16	1,778	5.76
East Gojam Zone .....	90,166	23.90	93,904	24.89	92,117	24.42	43,186	11.45	27,276	7.23	30,559	8.10
Bibugn .....	4,067	19.96	7,970	39.11	4,279	21.00	1,766	8.67	1,134	5.56	1,164	5.71
Hulet Ej Enese .....	5,487	12.78	13,266	30.91	10,772	25.10	5,847	13.62	3,931	9.16	3,619	8.43
Goncha Siso Enese .....	5,619	21.10	6,708	25.19	6,798	25.53	3,611	13.56	2,156	8.10	1,739	6.53
Enbise Sar Midir .....	7,236	27.57	8,142	31.02	5,851	22.29	2,830	10.78	1,163	4.43	1,022	3.89
Enarj Enawga .....	5,476	17.44	10,555	33.61	9,341	29.74	2,974	9.47	1,586	5.05	1,476	4.70
Enemay .....	6,008	22.84	8,514	32.36	7,776	29.56	2,247	8.54	934	3.55	828	3.15
Debay Telatgen .....	5,554	22.97	6,159	25.47	7,142	29.53	2,613	10.81	1,726	7.14	988	4.09
Machakel .....	8,384	21.82	6,882	17.91	7,034	18.30	5,382	14.00	3,020	7.86	7,730	20.11
Guzamn .....	17,220	40.22	4,544	10.61	8,161	19.06	5,021	11.73	3,413	7.97	4,455	10.41
Baso Liben .....	6,523	25.00	5,605	21.48	5,830	22.34	3,164	12.13	2,744	10.52	2,226	8.53
Awabel .....	6,084	18.95	4,867	15.16	9,244	28.79	4,766	14.84	3,433	10.69	3,717	11.58
Dejen .....	5,614	27.70	5,766	28.45	5,308	26.19	1,550	7.65	1,005	4.96	1,024	5.05
Shebel Berenta .....	6,894	35.50	4,927	25.37	4,581	23.59	1,415	7.29	1,030	5.30	572	2.95
West Gojam Zone .....	70,663	19.01	77,016	20.72	89,385	24.04	53,257	14.33	37,640	10.12	43,802	11.78
Achefer .....	8,361	17.42	7,055	14.70	12,306	25.64	7,653	15.95	6,280	13.09	6,335	13.20
Bahir Dar Zuria .....	10,814	24.15	7,614	17.00	10,242	22.87	5,662	12.64	4,405	9.84	6,040	13.49
Yilman Densa .....	9,475	17.75	12,757	23.90	13,659	25.59	8,380	15.70	5,228	9.79	3,879	7.27
Merawi .....	8,749	18.30	5,749	12.02	9,933	20.78	8,020	16.77	6,765	14.15	8,595	17.98
Sekela .....	4,862	18.88	6,654	25.84	6,225	24.17	3,798	14.75	2,345	9.11	1,867	7.25
Kuarit .....	4,345	14.48	9,673	32.23	8,628	28.75	3,813	12.70	2,262	7.54	1,291	4.30
Dega Damot .....	4,233	14.71	10,299	35.78	7,653	26.59	3,835	13.32	1,552	5.39	1,209	4.20
Dembecha .....	2,968	13.55	2,975	13.59	5,130	23.43	3,661	16.72	2,611	11.92	4,551	20.78
Jabi Tehnan .....	7,449	20.93	6,604	18.55	8,203	23.04	4,949	13.90	3,659	10.28	4,732	13.29
Bure Wemberma .....	9,408	26.30	7,637	21.35	7,406	20.70	3,487	9.75	2,532	7.08	5,302	14.82
Waghamra Zone .....	20,719	27.39	19,751	26.11	18,619	24.61	7,296	9.64	4,347	5.75	4,922	6.51
Zikuala .....	2,581	19.40	2,016	15.15	3,459	26.00	1,615	12.14	1,255	9.43	2,379	17.88
Sekota .....	9,645	28.59	9,302	27.57	8,321	24.66	2,634	7.81	1,963	5.82	1,875	5.56
Dehana .....	8,496	29.70	8,433	29.48	6,839	23.90	3,046	10.65	1,129	3.95	667	2.33
Awii Zone .....	42,537	27.85	22,089	14.46	34,692	22.72	20,383	13.35	14,716	9.64	18,306	11.99
Dangela .....	7,140	21.00	4,748	13.97	7,464	21.95	5,836	17.17	4,256	12.52	4,553	13.39
Banja .....	8,001	30.86	3,753	14.48	5,807	22.40	3,372	13.01	2,613	10.08	2,381	9.18
Ankesha .....	14,509	38.13	5,874	15.44	7,427	19.52	4,240	11.14	2,271	5.97	3,735	9.81
Guangua .....	7,183	22.97	4,372	13.98	8,673	27.73	2,742	8.77	2,899	9.27	5,404	17.28
Faggeta Lekoma .....	5,704	24.30	3,343	14.24	5,321	22.67	4,193	17.86	2,676	11.40	2,234	9.52
Oromia Zone .....	24,028	33.07	15,665	21.56	25,033	34.45	4,439	6.11	2,426	3.34	1,072	1.48
Chefe Golana Dawe Rahimedo .....	10,692	35.55	5,493	18.26	10,179	33.85	2,124	7.06	1,223	4.07	364	1.21
Bati .....	4,845	29.71	3,779	23.17	5,871	36.00	1,215	7.45	383	2.35	216	1.32
Jile Tsumiga .....	3,463	29.25	3,046	25.73	4,297	36.30	419	3.54	409	3.45	204	1.72
Artuma Fursi .....	5,031	34.84	3,347	23.18	4,686	32.45	680	4.71	410	2.84	288	1.99



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

Geographic Area.	Number of Crop Holders that Owned											
	No Horse		One Horse		Two Horses		Three Horses		Four Horses		Five and above Horses	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region.....	2,823,436	94.45	123,645	4.14	34,270	1.15	6,615	0.22	1,036	0.03	352	0.01
North Gondar Zone.....	408,154	95.63	13,698	3.21	3,893	0.91	743	0.17	244	0.06	66	0.02
Addi Arkay .....	23,353	97.34	438	1.83	141	0.59	60	0.25	-	-	-	-
Beyeda .....	16,214	92.46	1,186	6.76	97	0.55	23	0.13	-	-	17	0.10
Janamora .....	26,390	90.43	2,456	8.42	312	1.07	-	-	26	0.09	-	-
Debark.....	16,304	75.86	2,943	13.69	1,642	7.64	394	1.83	160	0.74	49	0.23
Dabat.....	22,003	89.52	1,925	7.83	547	2.23	78	0.32	25	0.10	-	-
Sanja.....	24,523	100.00	-	-	-	-	-	-	-	-	-	-
Lay Armacheho .....	24,786	99.24	157	0.63	-	-	32	0.13	-	-	-	-
Wegera.....	31,799	85.81	4,048	10.92	1,021	2.76	156	0.42	33	0.09	-	-
Gondar Zuria.....	38,439	98.67	385	0.99	133	0.34	-	-	-	-	-	-
Dembia.....	41,153	99.71	119	0.29	-	-	-	-	-	-	-	-
Chilga.....	32,286	100.00	-	-	-	-	-	-	-	-	-	-
Metema .....	10,152	100.00	-	-	-	-	-	-	-	-	-	-
Quara.....	9,401	100.00	-	-	-	-	-	-	-	-	-	-
Alefa.....	46,244	100.00	-	-	-	-	-	-	-	-	-	-
Belesa.....	45,109	99.91	39	0.09	-	-	-	-	-	-	-	-
South Gondar Zone.....	361,489	96.59	11,664	3.12	977	0.26	122	0.03	-	-	-	-
Ebenat .....	41,694	99.34	275	0.66	-	-	-	-	-	-	-	-
Kemekem.....	30,660	99.59	126	0.41	-	-	-	-	-	-	-	-
Fogera .....	40,333	99.85	60	0.15	-	-	-	-	-	-	-	-
Farta .....	42,626	89.49	4,736	9.94	272	0.57	-	-	-	-	-	-
Lay Gayint .....	36,159	92.00	2,683	6.83	412	1.05	49	0.12	-	-	-	-
Tach Gayint .....	20,222	99.76	48	0.24	-	-	-	-	-	-	-	-
Simada .....	46,145	98.11	823	1.75	65	0.14	-	-	-	-	-	-
Estie .....	60,276	94.94	2,914	4.59	227	0.36	72	0.11	-	-	-	-
Dera.....	43,376	100.00	-	-	-	-	-	-	-	-	-	-
North Wollo Zone.....	289,547	94.11	12,686	4.12	4,285	1.39	1,084	0.35	67	0.02	-	-
Bugna .....	46,644	99.85	72	0.15	-	-	-	-	-	-	-	-
Kobo.....	41,472	100.00	-	-	-	-	-	-	-	-	-	-
Gidan.....	33,656	97.38	679	1.96	225	0.65	-	-	-	-	-	-
Meket .....	41,864	87.02	3,696	7.68	1,722	3.58	758	1.58	67	0.14	-	-
Wadala .....	19,503	73.15	5,106	19.15	1,845	6.92	207	0.78	-	-	-	-
Dawutna Delanta .....	33,342	92.85	2,136	5.95	390	1.09	42	0.12	-	-	-	-
Guba Lafto .....	34,421	96.69	997	2.80	104	0.29	78	0.22	-	-	-	-
Habru .....	38,645	100.00	-	-	-	-	-	-	-	-	-	-
South Wollo Zone.....	460,780	93.68	27,203	5.53	3,315	0.67	385	0.08	106	0.02	71	0.01
Mekdela .....	29,568	96.22	1,123	3.65	40	0.13	-	-	-	-	-	-
Tenta .....	30,672	86.50	4,082	11.51	658	1.86	48	0.14	-	-	-	-
Kutaber.....	19,903	91.92	1,004	4.64	402	1.86	237	1.09	106	0.49	-	-
Ambasel.....	25,548	96.90	710	2.69	-	-	36	0.14	-	-	71	0.27
Tehuledere .....	23,265	98.28	406	1.72	-	-	-	-	-	-	-	-
Werebabu.....	21,083	99.17	177	0.83	-	-	-	-	-	-	-	-
Kalu.....	38,943	99.40	234	0.60	-	-	-	-	-	-	-	-
Dessie Zuria.....	58,283	89.76	5,945	9.16	706	1.09	-	-	-	-	-	-
Legambo .....	29,523	82.93	5,364	15.07	711	2.00	-	-	-	-	-	-
Sayint.....	44,316	98.80	537	1.20	-	-	-	-	-	-	-	-
Debresina .....	35,677	97.28	862	2.35	134	0.37	-	-	-	-	-	-
Kelala .....	28,760	96.11	969	3.24	195	0.65	-	-	-	-	-	-
Jama .....	22,449	89.55	2,229	8.89	363	1.45	27	0.11	-	-	-	-
Were Ilu .....	26,283	88.45	3,394	11.42	38	0.13	-	-	-	-	-	-
Wegde .....	26,506	98.98	167	0.62	70	0.26	36	0.13	-	-	-	-
North Shewa (Amhara) Zone .....	320,481	94.60	15,490	4.57	2,375	0.70	319	0.09	86	0.03	12	0.00
Middana Weremo .....	16,603	99.71	33	0.20	16	0.10	-	-	-	-	-	-
Merhabete .....	23,035	100.00	-	-	-	-	-	-	-	-	-	-
Insarona Wayu.....	22,663	92.42	1,740	7.10	120	0.49	-	-	-	-	-	-
Moretna Jiru.....	15,707	90.85	1,535	8.88	47	0.27	-	-	-	-	-	-



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

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	%
North Shewa (Amhara) Zone.....												
Gera Keya .....	25,141	92.20	1,856	6.81	271	0.99	-	-	-	-	-	-
Geshe .....	11,497	98.26	204	1.74	-	-	-	-	-	-	-	-
Antsokiya Gemza.....	12,798	98.56	153	1.18	34	0.26	-	-	-	-	-	-
Efratana Gidim.....	18,045	96.39	655	3.50	21	0.11	-	-	-	-	-	-
Lalo Midir .....	22,638	95.20	1,142	4.80	-	-	-	-	-	-	-	-
Mojana Wadera.....	14,236	94.98	614	4.10	139	0.93	-	-	-	-	-	-
Tarma Ber .....	16,518	96.31	524	3.06	91	0.53	17	0.10	-	-	-	-
Kewet .....	20,295	99.49	104	0.51	-	-	-	-	-	-	-	-
Asagirt .....	8,370	86.96	1,064	11.05	156	1.62	23	0.24	-	-	12	0.12
Angolelana Tera.....	11,543	77.31	2,495	16.71	706	4.73	171	1.15	15	0.10	-	-
Ankober.....	15,834	100.00	-	-	-	-	-	-	-	-	-	-
Hagere Mariam .....	9,819	92.16	775	7.27	60	0.56	-	-	-	-	-	-
Berehet .....	5,399	99.72	15	0.28	-	-	-	-	-	-	-	-
Minjarna Shenkora.....	22,780	99.39	140	0.61	-	-	-	-	-	-	-	-
Basona Werana .....	27,557	89.20	2,444	7.91	715	2.31	107	0.35	71	0.23	-	-
East Gojam Zone .....	352,821	93.53	20,251	5.37	3,531	0.94	542	0.14	-	-	63	0.02
Bibugn .....	16,818	82.52	3,003	14.74	498	2.44	61	0.30	-	-	-	-
Hulet Ej Enese .....	39,304	91.57	3,050	7.11	391	0.91	114	0.27	-	-	63	0.15
Goncha Siso Enese.....	26,118	98.07	451	1.69	27	0.10	35	0.13	-	-	-	-
Enbise Sar Midir.....	26,168	99.71	76	0.29	-	-	-	-	-	-	-	-
Enarj Enawga .....	30,786	98.02	622	1.98	-	-	-	-	-	-	-	-
Enemay .....	25,896	98.44	381	1.45	30	0.11	-	-	-	-	-	-
Debay Telatgen .....	20,279	83.86	3,166	13.09	618	2.56	119	0.49	-	-	-	-
Machakel.....	35,830	93.23	2,144	5.58	410	1.07	48	0.12	-	-	-	-
Guzamn .....	35,941	83.95	5,619	13.12	1,128	2.63	126	0.29	-	-	-	-
Baso Liben .....	26,057	99.87	35	0.13	-	-	-	-	-	-	-	-
Awabel .....	29,990	93.39	1,676	5.22	406	1.26	39	0.12	-	-	-	-
Dejen .....	20,239	99.86	28	0.14	-	-	-	-	-	-	-	-
Shebel Berenta .....	19,396	99.88	-	-	23	0.12	-	-	-	-	-	-
West Gojam Zone .....	360,523	96.98	8,301	2.23	2,755	0.74	148	0.04	36	0.01	-	-
Achefer.....	47,763	99.53	227	0.47	-	-	-	-	-	-	-	-
Bahir Dar Zuria.....	44,777	100.00	-	-	-	-	-	-	-	-	-	-
Yilman Densa .....	53,205	99.68	121	0.23	52	0.10	-	-	-	-	-	-
Merawi .....	47,683	99.73	64	0.13	64	0.13	-	-	-	-	-	-
Sekela .....	21,406	83.13	2,883	11.20	1,319	5.12	107	0.42	36	0.14	-	-
Kuarit .....	28,780	95.89	1,056	3.52	176	0.59	-	-	-	-	-	-
Dega Damot .....	24,541	85.27	3,159	10.98	1,040	3.61	41	0.14	-	-	-	-
Dembecha .....	21,550	98.42	318	1.45	28	0.13	-	-	-	-	-	-
Jabi Tehnan .....	35,462	99.62	134	0.38	-	-	-	-	-	-	-	-
Bure Wemberma .....	35,357	98.84	339	0.95	76	0.21	-	-	-	-	-	-
Waghamra Zone.....	75,501	99.80	120	0.16	-	-	33	0.04	-	-	-	-
Zikuala.....	13,264	99.69	41	0.31	-	-	-	-	-	-	-	-
Sekota.....	33,697	99.87	43	0.13	-	-	-	-	-	-	-	-
Dehana .....	28,542	99.76	35	0.12	-	-	33	0.12	-	-	-	-
Awı Zone .....	121,477	79.54	14,233	9.32	13,138	8.60	3,239	2.12	496	0.32	140	0.09
Dangela .....	33,997	100.00	-	-	-	-	-	-	-	-	-	-
Banja .....	10,850	41.85	5,775	22.27	6,717	25.91	2,170	8.37	365	1.41	50	0.19
Ankessa.....	29,876	78.51	5,249	13.79	2,484	6.53	320	0.84	37	0.10	90	0.24
Guangua .....	31,184	99.72	43	0.14	46	0.15	-	-	-	-	-	-
Faggeta Lekoma.....	15,570	66.34	3,166	13.49	3,891	16.58	749	3.19	95	0.40	-	-
Oromia Zone .....	72,663	100.00	-	-	-	-	-	-	-	-	-	-
Chefe Golana Dawe Rahimedo	30,075	100.00	-	-	-	-	-	-	-	-	-	-
Bati.....	16,309	100.00	-	-	-	-	-	-	-	-	-	-
Jile Tsumiga .....	11,838	100.00	-	-	-	-	-	-	-	-	-	-
Artuma Fursi .....	14,442	100.00	-	-	-	-	-	-	-	-	-	-



Table 8.30B:- Number of Crop Holders that Owned Mule (For threshing or 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	%
Amhara Region.....	2,928,459	97.96	57,089	1.91	3,598	0.12	72	0.00	27	0.00	109	0.00
North Gondar Zone.....	420,568	98.54	6,161	1.44	61	0.01	-	-	-	-	8	0.00
Addi Arkay.....	23,696	98.77	296	1.23	-	-	-	-	-	-	-	-
Beyeda.....	17,150	97.79	387	2.21	-	-	-	-	-	-	-	-
Janamora.....	28,478	97.58	670	2.30	36	0.12	-	-	-	-	-	-
Debark.....	20,987	97.65	480	2.23	25	0.12	-	-	-	-	-	-
Dabat.....	24,364	99.13	214	0.87	-	-	-	-	-	-	-	-
Sanja.....	23,913	97.51	610	2.49	-	-	-	-	-	-	-	-
Lay Armacheho.....	24,896	99.68	79	0.32	-	-	-	-	-	-	-	-
Wegera.....	36,485	98.46	572	1.54	-	-	-	-	-	-	-	-
Gondar Zuria.....	38,790	99.57	167	0.43	-	-	-	-	-	-	-	-
Dembia.....	41,216	99.86	56	0.14	-	-	-	-	-	-	-	-
Chilga.....	32,111	99.46	175	0.54	-	-	-	-	-	-	-	-
Metema.....	10,110	99.59	42	0.41	-	-	-	-	-	-	-	-
Quara.....	9,166	97.50	227	2.41	-	-	-	-	-	-	8	0.09
Alefa.....	45,865	99.18	379	0.82	-	-	-	-	-	-	-	-
Belesa.....	43,341	96.00	1,807	4.00	-	-	-	-	-	-	-	-
South Gondar Zone.....	365,538	97.67	8,144	2.18	496	0.13	-	-	-	-	74	0.02
Ebenat.....	41,116	97.97	853	2.03	-	-	-	-	-	-	-	-
Kemekem.....	30,673	99.63	113	0.37	-	-	-	-	-	-	-	-
Fogera.....	40,175	99.46	218	0.54	-	-	-	-	-	-	-	-
Farta.....	44,337	93.08	2,901	6.09	396	0.83	-	-	-	-	-	-
Lay Gayint.....	39,076	99.42	227	0.58	-	-	-	-	-	-	-	-
Tach Gayint.....	20,006	98.70	237	1.17	27	0.13	-	-	-	-	-	-
Simada.....	46,105	98.03	928	1.97	-	-	-	-	-	-	-	-
Estie.....	60,987	96.06	2,355	3.71	73	0.11	-	-	-	-	74	0.12
Dera.....	43,063	99.28	313	0.72	-	-	-	-	-	-	-	-
North Wollo Zone.....	301,460	97.98	6,061	1.97	148	0.05	-	-	-	-	-	-
Bugna.....	45,311	96.99	1,405	3.01	-	-	-	-	-	-	-	-
Kobo.....	41,238	99.44	234	0.56	-	-	-	-	-	-	-	-
Gidan.....	33,915	98.13	645	1.87	-	-	-	-	-	-	-	-
Meket.....	47,153	98.02	863	1.79	91	0.19	-	-	-	-	-	-
Wadala.....	25,888	97.10	773	2.90	-	-	-	-	-	-	-	-
Dawutna Delanta.....	34,065	94.86	1,788	4.98	57	0.16	-	-	-	-	-	-
Guba Lafto.....	35,409	99.46	191	0.54	-	-	-	-	-	-	-	-
Habru.....	38,482	99.58	163	0.42	-	-	-	-	-	-	-	-
South Wollo Zone.....	473,643	96.30	16,475	3.35	1,635	0.33	53	0.01	27	0.01	27	0.01
Mekdela.....	29,658	96.51	1,073	3.49	-	-	-	-	-	-	-	-
Tenta.....	34,246	96.58	1,166	3.29	48	0.14	-	-	-	-	-	-
Kutaber.....	19,720	91.08	1,440	6.65	412	1.90	53	0.24	27	0.12	-	-
Ambasel.....	24,936	94.58	1,265	4.80	164	0.62	-	-	-	-	-	-
Tehuledere.....	22,292	94.17	1,102	4.66	277	1.17	-	-	-	-	-	-
Werebabu.....	21,121	99.35	139	0.65	-	-	-	-	-	-	-	-
Kalu.....	38,539	98.37	531	1.36	107	0.27	-	-	-	-	-	-
Dessie Zuria.....	59,932	92.30	4,599	7.08	403	0.62	-	-	-	-	-	-
Legambo.....	34,492	96.89	1,106	3.11	-	-	-	-	-	-	-	-
Sayint.....	44,853	100.00	-	-	-	-	-	-	-	-	-	-
Debresina.....	36,354	99.13	319	0.87	-	-	-	-	-	-	-	-
Kelala.....	27,889	93.20	1,885	6.30	150	0.50	-	-	-	-	-	-
Jama.....	24,425	97.43	616	2.46	-	-	-	-	-	-	27	0.11
Were Ilu.....	28,906	97.28	764	2.57	45	0.15	-	-	-	-	-	-
Wegde.....	26,279	98.13	470	1.76	30	0.11	-	-	-	-	-	-
North Shewa (Amhara) Zone.....	333,188	98.35	5,538	1.63	37	0.01	-	-	-	-	-	-
Middana Weremo.....	16,345	98.16	307	1.84	-	-	-	-	-	-	-	-
Merhabete.....	22,693	98.52	342	1.48	-	-	-	-	-	-	-	-
Insarona Wayu.....	24,523	100.00	-	-	-	-	-	-	-	-	-	-
Moretna Jiru.....	17,265	99.86	24	0.14	-	-	-	-	-	-	-	-



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	%
North Shewa (Amhara) Zone.....												
Gera Keya .....	26,552	97.37	716	2.63	-	-	-	-	-	-	-	-
Geshe.....	10,846	92.69	855	7.31	-	-	-	-	-	-	-	-
Antsokiya Gemza.....	12,641	97.35	344	2.65	-	-	-	-	-	-	-	-
Efratana Gidim.....	18,517	98.91	182	0.97	22	0.12	-	-	-	-	-	-
Lalo Midir.....	23,299	97.98	481	2.02	-	-	-	-	-	-	-	-
Mojana Wadera.....	14,952	99.75	37	0.25	-	-	-	-	-	-	-	-
Tarma Ber .....	16,971	98.96	179	1.04	-	-	-	-	-	-	-	-
Kewet .....	20,330	99.66	69	0.34	-	-	-	-	-	-	-	-
Asagirt.....	9,407	97.74	218	2.26	-	-	-	-	-	-	-	-
Angolelana Tera.....	14,768	98.91	162	1.09	-	-	-	-	-	-	-	-
Ankober.....	15,712	99.23	122	0.77	-	-	-	-	-	-	-	-
Hagere Mariam .....	10,492	98.48	162	1.52	-	-	-	-	-	-	-	-
Berehet .....	5,271	97.36	128	2.36	15	0.28	-	-	-	-	-	-
Minjarna Shenkora.....	21,818	95.19	1,102	4.81	-	-	-	-	-	-	-	-
Basona Werana .....	30,785	99.65	109	0.35	-	-	-	-	-	-	-	-
East Gojam Zone.....	372,535	98.76	4,239	1.12	434	0.12	-	-	-	-	-	-
Bibugn.....	19,993	98.10	363	1.78	24	0.12	-	-	-	-	-	-
Hulet Ej Enese .....	41,812	97.41	990	2.31	120	0.28	-	-	-	-	-	-
Goncha Siso Enese.....	26,519	99.58	112	0.42	-	-	-	-	-	-	-	-
Enbise Sar Midir.....	26,025	99.17	219	0.83	-	-	-	-	-	-	-	-
Enarj Enawga .....	31,225	99.42	183	0.58	-	-	-	-	-	-	-	-
Enemay .....	26,197	99.58	110	0.42	-	-	-	-	-	-	-	-
Debay Telatgen.....	24,017	99.32	141	0.58	24	0.10	-	-	-	-	-	-
Machakel.....	37,648	97.96	685	1.78	99	0.26	-	-	-	-	-	-
Guzamn .....	41,348	96.58	1,339	3.13	127	0.30	-	-	-	-	-	-
Baso Liben .....	26,092	100.00	-	-	-	-	-	-	-	-	-	-
Awabel.....	31,975	99.58	95	0.30	41	0.13	-	-	-	-	-	-
Dejen .....	20,267	100.00	-	-	-	-	-	-	-	-	-	-
Shebel Berenta .....	19,419	100.00	-	-	-	-	-	-	-	-	-	-
West Gojam Zone .....	365,445	98.30	6,005	1.62	313	0.08	-	-	-	-	-	-
Achefer.....	47,714	99.42	276	0.58	-	-	-	-	-	-	-	-
Bahir Dar Zuria.....	44,619	99.65	158	0.35	-	-	-	-	-	-	-	-
Yilman Densa.....	52,484	98.33	894	1.67	-	-	-	-	-	-	-	-
Merawi .....	47,267	98.86	544	1.14	-	-	-	-	-	-	-	-
Sekela .....	24,960	96.93	723	2.81	68	0.26	-	-	-	-	-	-
Kuarit .....	27,933	93.07	1,927	6.42	152	0.51	-	-	-	-	-	-
Dega Damot .....	27,714	96.29	974	3.38	93	0.32	-	-	-	-	-	-
Dembecha .....	21,863	99.85	33	0.15	-	-	-	-	-	-	-	-
Jabi Tehnan .....	35,397	99.44	199	0.56	-	-	-	-	-	-	-	-
Bure Wemberma .....	35,496	99.23	276	0.77	-	-	-	-	-	-	-	-
Waghamra Zone.....	73,166	96.71	2,251	2.98	218	0.29	19	0.03	-	-	-	-
Zikuala. ....	12,544	94.28	648	4.87	94	0.71	19	0.14	-	-	-	-
Sekota.....	32,644	96.75	971	2.88	125	0.37	-	-	-	-	-	-
Dehana .....	27,979	97.79	631	2.21	-	-	-	-	-	-	-	-
Awi Zone.....	150,448	98.51	2,020	1.32	255	0.17	-	-	-	-	-	-
Dangela. ....	33,553	98.69	444	1.31	-	-	-	-	-	-	-	-
Banja .....	25,558	98.58	331	1.28	38	0.15	-	-	-	-	-	-
Ankesha.....	37,295	98.00	615	1.62	146	0.38	-	-	-	-	-	-
Guangua.....	30,932	98.91	341	1.09	-	-	-	-	-	-	-	-
Faggeta Lekoma.....	23,111	98.47	289	1.23	71	0.30	-	-	-	-	-	-
Oromia Zone.....	72,467	99.73	196	0.27	-	-	-	-	-	-	-	-
Chefe Golana Dawe Rahimedo	29,998	99.74	77	0.26	-	-	-	-	-	-	-	-
Bati .....	16,220	99.45	89	0.55	-	-	-	-	-	-	-	-
Jile Tsumiga.....	11,838	100.00	-	-	-	-	-	-	-	-	-	-
Artuma Fursi.....	14,413	99.80	29	0.20	-	-	-	-	-	-	-	-



Table 8.31B:- Number of Crop Holders that Owned Local Storage 'Debignit' by Geographic Area..

Geographic Area.	Number of Crop Holders that Owned											
	No 'Debignit'		One 'Debignit'		Two 'Debignits'		Three 'Debignits'		Four 'Debignits'		Five and above 'Debignits'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region.....	787,101	26.33	389,562	13.03	676,932	22.64	601,489	20.12	325,255	10.88	209,015	6.99
North Gondar Zone.....	130,192	30.50	37,908	8.88	85,285	19.98	92,080	21.57	47,472	11.12	33,861	7.93
Addi Arkay .....	13,992	58.32	2,595	10.82	3,774	15.73	2,467	10.28	814	3.39	350	1.46
Beyeda .....	2,225	12.69	1,482	8.45	4,407	25.13	4,665	26.60	2,576	14.69	2,182	12.44
Janamora .....	5,852	20.05	937	3.21	4,926	16.88	6,933	23.76	5,156	17.67	5,380	18.43
Debark.....	3,037	14.13	901	4.19	3,427	15.95	5,816	27.06	3,568	16.60	4,743	22.07
Dabat.....	2,869	11.67	3,252	13.23	5,526	22.48	5,204	21.17	3,627	14.76	4,100	16.68
Sanja.....	17,918	73.07	2,855	11.64	2,356	9.61	1,268	5.17	55	0.22	71	0.29
Lay Armacheho .....	8,570	34.31	2,356	9.43	5,136	20.56	4,774	19.12	2,560	10.25	1,579	6.32
Wegera .....	3,250	8.77	3,629	9.79	7,828	21.12	12,536	33.83	6,426	17.34	3,388	9.14
Gondar Zuria.....	13,908	35.70	2,536	6.51	6,231	15.99	7,186	18.45	4,892	12.56	4,204	10.79
Dembia.....	6,644	16.10	2,086	5.05	10,067	24.39	13,150	31.86	6,788	16.45	2,537	6.15
Chilga.....	10,125	31.36	4,292	13.29	6,815	21.11	5,637	17.46	3,325	10.30	2,092	6.48
Metema .....	9,958	98.09	194	1.91	-	-	-	-	-	-	-	-
Quara.....	5,700	60.63	344	3.66	1,364	14.51	1,183	12.58	524	5.57	286	3.04
Alefa.....	14,176	30.65	3,991	8.63	12,471	26.97	11,208	24.24	3,114	6.73	1,284	2.78
Belesa .....	11,966	26.50	6,457	14.30	10,957	24.27	10,054	22.27	4,049	8.97	1,665	3.69
South Gondar Zone.....	58,255	15.57	28,954	7.74	88,280	23.59	101,695	27.17	53,969	14.42	43,099	11.52
Ebenat .....	4,415	10.52	4,429	10.55	12,889	30.71	10,966	26.13	5,408	12.89	3,862	9.20
Kemekem.....	2,764	8.98	2,641	8.58	9,945	32.30	8,974	29.15	4,461	14.49	2,001	6.50
Fogera .....	8,711	21.57	2,590	6.41	7,098	17.57	10,886	26.95	5,783	14.32	5,325	13.18
Farta .....	3,682	7.73	3,189	6.69	9,722	20.41	14,719	30.90	8,793	18.46	7,529	15.81
Lay Gayint .....	8,076	20.55	3,853	9.80	11,620	29.57	8,374	21.31	4,046	10.29	3,334	8.48
Tach Gayint .....	1,234	6.09	2,551	12.59	8,564	42.25	5,262	25.96	1,659	8.18	1,000	4.93
Simada .....	13,074	27.80	4,525	9.62	9,447	20.09	10,189	21.66	5,485	11.66	4,313	9.17
Estie .....	3,449	5.43	2,455	3.87	11,049	17.40	21,338	33.61	13,389	21.09	11,809	18.60
Dera.....	12,849	29.62	2,722	6.28	7,947	18.32	10,987	25.33	4,945	11.40	3,926	9.05
North Wollo Zone.....	59,657	19.39	39,029	12.69	80,026	26.01	62,304	20.25	37,587	12.22	29,066	9.45
Bugna .....	12,786	27.37	6,496	13.91	11,269	24.12	9,242	19.78	4,742	10.15	2,181	4.67
Kobo.....	16,126	38.88	6,318	15.23	11,422	27.54	5,532	13.34	1,573	3.79	501	1.21
Gidan.....	4,043	11.70	2,056	5.95	7,683	22.23	8,165	23.63	6,944	20.09	5,669	16.40
Meket .....	5,014	10.42	2,401	4.99	11,354	23.60	13,586	28.24	8,700	18.08	7,052	14.66
Wadala .....	720	2.70	1,265	4.74	6,925	25.97	7,501	28.13	5,394	20.23	4,856	18.21
Dawutna Delanta .....	3,034	8.45	3,637	10.13	9,204	25.63	6,911	19.25	6,001	16.71	7,123	19.84
Guba Lafto .....	6,143	17.26	7,803	21.92	11,795	33.13	6,651	18.68	2,065	5.80	1,143	3.21
Habru .....	11,798	30.53	9,054	23.43	10,372	26.84	4,714	12.20	2,168	5.61	539	1.39
South Wollo Zone.....	153,535	31.22	73,646	14.97	123,908	25.19	81,612	16.59	36,007	7.32	23,152	4.71
Mekdela .....	4,239	13.79	2,596	8.45	7,264	23.64	8,428	27.43	5,050	16.43	3,154	10.26
Tenta .....	6,366	17.95	4,542	12.81	10,106	28.50	8,342	23.53	3,253	9.17	2,851	8.04
Kutaber.....	4,009	18.52	1,132	5.23	3,867	17.86	5,276	24.37	4,175	19.28	3,193	14.75
Ambasel.....	8,567	32.49	3,981	15.10	5,952	22.58	3,766	14.28	1,983	7.52	2,116	8.03
Tehuledere .....	6,963	29.42	6,353	26.84	6,893	29.12	2,455	10.37	698	2.95	309	1.31
Werebabu.....	12,710	59.78	4,481	21.08	2,610	12.28	1,175	5.53	175	0.82	109	0.51
Kalu.....	18,224	46.52	7,091	18.10	9,399	23.99	2,892	7.38	1,258	3.21	313	0.80
Dessie Zuria.....	32,285	49.72	6,869	10.58	9,258	14.26	7,447	11.47	4,887	7.53	4,188	6.45
Legambo .....	5,957	16.73	9,638	27.07	12,421	34.89	5,061	14.22	1,695	4.76	826	2.32
Sayint.....	10,725	23.91	6,131	13.67	13,110	29.23	9,509	21.20	3,768	8.40	1,610	3.59
Debresina .....	5,697	15.53	4,394	11.98	12,902	35.18	9,093	24.79	3,023	8.24	1,564	4.26
Kelala .....	15,322	51.20	3,139	10.49	5,583	18.66	4,374	14.62	1,056	3.53	450	1.50
Jama .....	6,664	26.58	6,441	25.69	7,471	29.80	3,430	13.68	777	3.10	285	1.14
Were Ilu .....	9,926	33.40	3,353	11.28	8,529	28.70	5,107	17.19	1,823	6.13	977	3.29
Wegde .....	5,878	21.95	3,506	13.09	8,543	31.90	5,258	19.63	2,389	8.92	1,205	4.50
North Shewa (Amhara) Zone .....	168,426	49.72	72,728	21.47	65,084	19.21	21,732	6.42	7,477	2.21	3,316	0.98
Middana Weremo .....	5,361	32.19	5,231	31.41	4,203	25.24	1,373	8.25	400	2.40	84	0.50
Merhabete .....	12,026	52.21	4,957	21.52	4,193	18.20	1,160	5.04	482	2.09	217	0.94
Insarona Wayu.....	10,544	43.00	6,035	24.61	5,048	20.58	1,693	6.90	811	3.31	392	1.60
Moretna Jiru.....	9,611	55.59	5,034	29.12	2,294	13.27	329	1.90	21	0.12	-	-



Table 8.31B:- Number of Crop Holders that Owned Local Storage 'Debignit' by Geographic Area. (Continued)

Geographic Area.	Number of Crop Holders that Owned											
	No 'Debignit'		One 'Debignit'		Two 'Debignits'		Three 'Debignits'		Four 'Debignits'		Five and above 'Debignits'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone .....												
Gera Keya .....	8,129	29.81	7,289	26.73	7,769	28.49	2,917	10.70	779	2.86	385	1.41
Geshe .....	3,539	30.25	2,318	19.81	3,567	30.48	1,404	12.00	535	4.57	338	2.89
Antsokiya Gemza .....	8,306	63.97	2,404	18.51	1,711	13.18	448	3.45	99	0.76	17	0.13
Efratana Gidim .....	13,330	71.20	3,820	20.40	1,246	6.66	304	1.62	21	0.11	-	-
Lalo Midir .....	6,513	27.39	6,608	27.79	7,542	31.72	2,275	9.57	593	2.49	249	1.05
Mojana Wadera .....	6,891	45.97	3,924	26.18	2,997	19.99	952	6.35	188	1.25	37	0.25
Tarma Ber .....	8,477	49.43	4,514	26.32	2,980	17.38	984	5.74	141	0.82	54	0.31
Kewet .....	13,723	67.27	4,007	19.64	2,191	10.74	387	1.90	91	0.45	-	-
Asagirt .....	3,777	39.24	1,966	20.43	2,617	27.19	679	7.05	433	4.50	153	1.59
Angolelana Tera .....	3,848	25.77	2,294	15.37	4,274	28.63	2,708	18.14	1,279	8.57	527	3.53
Ankober .....	9,858	62.26	2,595	16.39	2,411	15.23	747	4.72	183	1.16	40	0.25
Hagere Mariam .....	5,072	47.61	1,842	17.29	2,306	21.64	869	8.16	408	3.83	157	1.47
Berehet .....	3,073	56.76	828	15.29	812	15.00	441	8.15	169	3.12	91	1.68
Minjarna Shenkora .....	19,545	85.27	2,078	9.07	1,134	4.95	107	0.47	31	0.14	25	0.11
Basona Werana .....	16,798	54.37	4,983	16.13	5,790	18.74	1,957	6.33	814	2.63	552	1.79
East Gojam Zone .....	82,418	21.85	87,292	23.14	99,241	26.31	64,553	17.11	29,170	7.73	14,534	3.85
Bibugn .....	7,355	36.09	3,310	16.24	3,928	19.27	2,612	12.82	1,822	8.94	1,353	6.64
Hulet Ej Enese .....	8,206	19.12	11,489	26.77	9,977	23.24	7,385	17.21	3,863	9.00	2,002	4.66
Goncha Siso Enese .....	4,573	17.17	6,607	24.81	7,850	29.48	4,774	17.93	2,049	7.69	778	2.92
Enbise Sar Midir .....	6,847	26.09	7,817	29.79	7,450	28.39	3,210	12.23	731	2.79	189	0.72
Enarj Enawga .....	6,241	19.87	7,760	24.71	9,896	31.51	4,988	15.88	1,886	6.00	637	2.03
Enemay .....	2,781	10.57	4,986	18.95	8,867	33.71	7,337	27.89	1,727	6.56	609	2.31
Debay Telatgen .....	7,969	32.95	3,155	13.05	6,317	26.12	4,381	18.12	1,748	7.23	612	2.53
Machakel .....	8,284	21.55	5,742	14.94	10,635	27.67	8,959	23.31	3,751	9.76	1,061	2.76
Guzamn .....	6,798	15.88	4,143	9.68	9,583	22.38	9,373	21.89	7,352	17.17	5,565	13.00
Baso Liben .....	2,295	8.80	6,913	26.49	8,356	32.03	4,868	18.66	2,384	9.14	1,276	4.89
Awabel .....	8,301	25.85	12,388	38.58	7,325	22.81	2,965	9.23	1,002	3.12	130	0.40
Dejen .....	5,869	28.96	8,645	42.66	3,975	19.61	1,489	7.35	181	0.89	108	0.53
Shebel Berenta .....	6,901	35.54	4,338	22.34	5,080	26.16	2,212	11.39	675	3.48	213	1.10
West Gojam Zone .....	29,814	8.02	19,661	5.29	74,026	19.91	120,021	32.28	81,661	21.97	46,580	12.53
Achefer .....	1,598	3.33	732	1.53	7,751	16.15	17,861	37.22	14,657	30.54	5,391	11.23
Bahir Dar Zuria .....	4,084	9.12	2,230	4.98	7,002	15.64	13,519	30.19	10,685	23.86	7,257	16.21
Yilman Densa .....	969	1.82	1,162	2.18	8,420	15.77	17,512	32.81	13,677	25.62	11,638	21.80
Merawi .....	4,954	10.36	1,653	3.46	6,201	12.97	16,337	34.17	12,275	25.67	6,391	13.37
Sekela .....	696	2.70	1,550	6.02	9,202	35.73	8,825	34.27	4,303	16.71	1,175	4.56
Kuarit .....	1,712	5.70	1,682	5.60	5,509	18.36	9,903	33.00	7,552	25.16	3,654	12.18
Dega Damot .....	8,239	28.63	2,274	7.90	7,561	26.27	7,133	24.78	2,334	8.11	1,240	4.31
Dembecha .....	1,656	7.56	1,654	7.55	5,422	24.76	7,255	33.13	3,650	16.67	2,259	10.32
Jabi Tehnan .....	1,799	5.05	2,730	7.67	9,011	25.31	11,929	33.51	5,995	16.84	4,132	11.61
Bure Wemberma .....	4,109	11.49	3,995	11.17	7,947	22.22	9,747	27.25	6,532	18.26	3,442	9.62
Waghamra Zone .....	22,458	29.69	11,094	14.66	20,338	26.88	12,274	16.22	7,068	9.34	2,422	3.20
Zikuala .....	4,632	34.81	1,239	9.31	2,910	21.87	2,480	18.64	1,582	11.89	462	3.47
Sekota .....	12,846	38.07	5,000	14.82	7,726	22.90	4,632	13.73	2,516	7.46	1,020	3.02
Dehana .....	4,979	17.40	4,855	16.97	9,702	33.91	5,163	18.05	2,971	10.38	940	3.29
Awii Zone .....	25,081	16.42	9,896	6.48	36,212	23.71	44,094	28.87	24,587	16.10	12,853	8.42
Dangela .....	5,782	17.01	1,765	5.19	5,247	15.43	12,427	36.55	7,147	21.02	1,629	4.79
Banja .....	2,559	9.87	2,418	9.33	10,029	38.68	6,393	24.66	3,358	12.95	1,170	4.51
Ankesha .....	1,419	3.73	2,418	6.35	9,756	25.64	12,266	32.23	6,983	18.35	5,214	13.70
Guangua .....	14,761	47.20	1,988	6.36	2,796	8.94	4,485	14.34	3,444	11.01	3,799	12.15
Faggeta Lekoma .....	562	2.39	1,306	5.56	8,384	35.72	8,522	36.31	3,656	15.58	1,041	4.44
Oromia Zone .....	57,263	78.81	9,354	12.87	4,533	6.24	1,126	1.55	256	0.35	131	0.18
Chefe Golana Dawe Rahimedo .....	21,965	73.03	5,052	16.80	2,159	7.18	705	2.34	150	0.50	44	0.15
Bati .....	12,612	77.33	1,853	11.36	1,347	8.26	381	2.34	47	0.29	69	0.42
Jile Tsumiga .....	10,313	87.12	938	7.92	495	4.18	40	0.34	33	0.28	19	0.16
Artuma Fursi .....	12,374	85.68	1,512	10.47	531	3.68	-	-	25	0.17	-	-



Table 8.32B:- Number of Crop Holders that Owned Local Storage 'Gottera' by Geographic Area.

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	%
Amhara Region.....	1,958,646	65.52	488,789	16.35	322,221	10.78	138,015	4.62	52,958	1.77	28,725	0.96
North Gonder Zone.....	287,644	67.40	73,029	17.11	43,829	10.27	14,500	3.40	5,279	1.24	2,517	0.59
Addi Arkay.....	13,785	57.46	2,009	8.37	4,260	17.76	2,034	8.48	1,019	4.25	885	3.69
Beyeda.....	14,062	80.18	1,171	6.68	1,168	6.66	557	3.18	442	2.52	137	0.78
Janamora.....	24,956	85.51	1,157	3.96	1,992	6.83	731	2.50	269	0.92	79	0.27
Debark.....	19,705	91.69	1,291	6.01	402	1.87	-	-	80	0.37	14	0.07
Dabat.....	21,683	88.22	1,717	6.99	828	3.37	276	1.12	46	0.19	28	0.11
Sanja.....	6,664	27.17	6,164	25.14	7,171	29.24	3,161	12.89	1,117	4.55	246	1.00
Lay Armacheho.....	22,241	89.05	2,371	9.49	273	1.09	57	0.23	33	0.13	-	-
Wegera.....	29,638	79.98	3,953	10.67	1,742	4.70	723	1.95	402	1.08	599	1.62
Gondar Zuria.....	29,082	74.65	6,549	16.81	2,619	6.72	567	1.46	102	0.26	38	0.10
Dembia.....	39,483	95.67	972	2.36	390	0.94	142	0.34	285	0.69	-	-
Chilga.....	17,763	55.02	8,492	26.30	4,619	14.31	944	2.92	285	0.88	183	0.57
Metema.....	2,192	21.59	6,125	60.33	1,578	15.54	190	1.87	54	0.53	13	0.13
Quara.....	1,992	21.19	5,908	62.84	1,042	11.08	281	2.99	143	1.52	35	0.37
Alefa.....	31,542	68.21	10,496	22.70	3,456	7.47	629	1.36	121	0.26	-	-
Belesa.....	12,859	28.48	14,655	32.46	12,287	27.21	4,207	9.32	880	1.95	260	0.58
South Gonder Zone.....	272,677	72.86	45,578	12.18	32,243	8.62	14,764	3.94	5,839	1.56	3,151	0.84
Ebenat.....	17,144	40.85	11,902	28.36	8,026	19.12	3,039	7.24	1,124	2.68	734	1.75
Kemekem.....	14,008	45.50	7,326	23.80	6,404	20.80	2,411	7.83	531	1.72	106	0.34
Fogera.....	32,099	79.47	4,440	10.99	2,422	6.00	1,197	2.96	172	0.43	63	0.16
Farta.....	33,719	70.79	7,823	16.42	3,794	7.96	1,422	2.99	705	1.48	171	0.36
Lay Gayint.....	31,293	79.62	2,589	6.59	3,004	7.64	1,309	3.33	790	2.01	318	0.81
Tach Gayint.....	14,632	72.19	3,403	16.79	1,433	7.07	690	3.40	112	0.55	-	-
Simada.....	34,103	72.51	6,379	13.56	4,532	9.64	1,764	3.75	210	0.45	45	0.10
Estie.....	60,847	95.84	1,120	1.76	315	0.50	270	0.43	216	0.34	721	1.14
Dera.....	34,836	80.31	596	1.37	2,312	5.33	2,662	6.14	1,978	4.56	992	2.29
North Wollo Zone.....	217,063	70.55	50,014	16.26	24,441	7.94	9,871	3.21	3,919	1.27	2,361	0.77
Bugna.....	26,925	57.64	7,234	15.49	6,778	14.51	4,311	9.23	777	1.66	691	1.48
Kobo.....	23,769	57.31	13,263	31.98	3,955	9.54	437	1.05	48	0.12	-	-
Gidan.....	24,882	72.00	6,496	18.80	2,790	8.07	162	0.47	230	0.67	-	-
Meket.....	35,712	74.23	3,084	6.41	3,684	7.66	2,897	6.02	1,637	3.40	1,093	2.27
Wadala.....	23,986	89.97	1,637	6.14	708	2.66	163	0.61	98	0.37	69	0.26
Dawutna Delanta.....	28,680	79.87	3,133	8.72	2,133	5.94	780	2.17	802	2.23	382	1.06
Guba Lafto.....	21,499	60.39	9,536	26.79	3,157	8.87	1,005	2.82	276	0.78	127	0.36
Habru.....	31,611	81.80	5,632	14.57	1,235	3.20	116	0.30	51	0.13	-	-
South Wollo Zone.....	259,902	52.84	109,238	22.21	76,569	15.57	27,211	5.53	11,026	2.24	7,914	1.61
Mekdela.....	25,543	83.12	1,539	5.01	1,344	4.37	565	1.84	777	2.53	963	3.13
Tenta.....	29,374	82.84	3,225	9.09	1,686	4.75	562	1.58	347	0.98	266	0.75
Kutaber.....	8,205	37.89	4,255	19.65	4,720	21.80	2,351	10.86	1,097	5.07	1,024	4.73
Ambasel.....	7,637	28.97	8,196	31.09	6,377	24.19	2,217	8.41	1,499	5.69	439	1.67
Tehuledere.....	16,409	69.32	4,405	18.61	1,445	6.10	1,023	4.32	358	1.51	31	0.13
Werebabu.....	11,580	54.47	5,321	25.03	2,792	13.13	819	3.85	367	1.73	381	1.79
Kalu.....	24,145	61.63	10,940	27.92	3,057	7.80	744	1.90	179	0.46	112	0.29
Dessie Zuria.....	39,943	61.51	11,471	17.67	7,547	11.62	3,266	5.03	1,064	1.64	1,643	2.53
Legambo.....	28,488	80.03	5,061	14.22	1,545	4.34	337	0.95	126	0.35	41	0.12
Sayint.....	17,585	39.21	8,407	18.74	10,457	23.31	4,780	10.66	1,933	4.31	1,691	3.77
Debresina.....	11,701	31.91	14,678	40.02	8,313	22.67	1,558	4.25	235	0.64	188	0.51
Kelala.....	5,217	17.43	9,432	31.52	9,282	31.02	3,744	12.51	1,416	4.73	833	2.78
Jama.....	9,341	37.26	7,532	30.05	5,292	21.11	1,810	7.22	978	3.90	115	0.46
Were Ilu.....	20,070	67.54	5,202	17.51	3,384	11.39	857	2.88	202	0.68	-	-
Wegde.....	4,663	17.41	9,573	35.75	9,328	34.83	2,578	9.63	448	1.67	189	0.71
North Shewa (Amhara) Zone.....	110,503	32.62	85,398	25.21	76,784	22.67	40,716	12.02	16,589	4.90	8,773	2.59
Middana Weremo.....	1,696	10.18	6,593	39.59	5,553	33.35	2,056	12.35	466	2.80	288	1.73
Merhabete.....	1,564	6.79	5,514	23.94	8,753	38.00	5,073	22.02	1,428	6.20	703	3.05
Insarona Wayu.....	5,589	22.79	5,771	23.53	7,031	28.67	4,496	18.33	1,276	5.20	360	1.47
Moretna Jiru.....	1,240	7.17	3,534	20.44	5,931	34.31	4,415	25.54	1,390	8.04	779	4.51



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	%
North Shewa (Amhara) Zone.....												
Gera Keya.....	11,860	43.49	7,361	27.00	4,400	16.14	2,271	8.33	851	3.12	525	1.93
Geshe.....	3,211	27.44	3,126	26.72	2,858	24.43	1,377	11.77	740	6.32	389	3.32
Antsokiya Gemza.....	5,391	41.52	4,535	34.92	2,390	18.41	547	4.21	122	0.94	-	-
Efratana Gidim.....	11,605	61.99	4,855	25.93	1,993	10.65	178	0.95	42	0.22	48	0.26
Lalo Midir.....	6,283	26.42	6,583	27.68	5,900	24.81	3,121	13.12	1,382	5.81	511	2.15
Mojana Wadera.....	4,282	28.57	2,209	14.74	3,459	23.08	2,587	17.26	1,524	10.17	928	6.19
Tarma Ber.....	7,761	45.25	5,940	34.64	2,754	16.06	432	2.52	222	1.29	41	0.24
Kewet.....	10,260	50.30	5,745	28.16	3,317	16.26	832	4.08	245	1.20	-	-
Asagirt.....	3,656	37.98	3,026	31.44	1,896	19.70	811	8.43	150	1.56	86	0.89
Angolelana Tera.....	9,597	64.28	3,356	22.48	1,460	9.78	401	2.69	99	0.66	17	0.11
Ankober.....	5,183	32.73	5,014	31.67	3,541	22.36	1,498	9.46	361	2.28	237	1.50
Hagere Mariam.....	2,376	22.30	1,885	17.69	2,716	25.49	2,056	19.30	1,025	9.62	596	5.59
Berehet.....	704	13.00	1,194	22.05	1,638	30.25	927	17.12	574	10.60	377	6.96
Minjarna Shenkora.....	5,542	24.18	3,741	16.32	5,294	23.10	4,125	18.00	2,623	11.44	1,595	6.96
Basona Werana.....	12,701	41.11	5,416	17.53	5,901	19.10	3,513	11.37	2,070	6.70	1,293	4.19
East Gojam Zone.....	253,724	67.26	56,719	15.04	40,629	10.77	18,172	4.82	5,875	1.56	2,089	0.55
Bibugn.....	15,404	75.58	3,053	14.98	1,292	6.34	416	2.04	154	0.76	61	0.30
Hulet Ej Enese.....	24,856	57.91	5,057	11.78	5,912	13.77	4,946	11.52	1,653	3.85	498	1.16
Goncha Siso Enese.....	12,062	45.29	7,364	27.65	4,614	17.33	1,452	5.45	991	3.72	148	0.56
Enbise Sar Midir.....	4,795	18.27	10,109	38.52	8,910	33.95	1,800	6.86	528	2.01	102	0.39
Enarj Enawga.....	19,020	60.56	6,864	21.85	3,774	12.02	1,186	3.78	262	0.83	302	0.96
Enemay.....	24,138	91.76	1,157	4.40	711	2.70	268	1.02	33	0.13	-	-
Debay Telatgen.....	21,866	90.42	291	1.20	620	2.56	565	2.34	535	2.21	305	1.26
Machakel.....	33,474	87.10	4,509	11.73	196	0.51	156	0.41	45	0.12	52	0.14
Guzamn.....	39,140	91.42	1,443	3.37	855	2.00	918	2.14	340	0.79	118	0.28
Baso Liben.....	15,900	60.94	5,020	19.24	2,309	8.85	2,042	7.83	592	2.27	229	0.88
Awabel.....	20,278	63.15	3,279	10.21	5,461	17.01	2,740	8.53	308	0.96	45	0.14
Dejen.....	9,271	45.74	4,629	22.84	4,337	21.40	1,524	7.52	309	1.52	197	0.97
Shebel Berenta.....	13,516	69.60	3,944	20.31	1,639	8.44	161	0.83	125	0.64	34	0.18
West Gojam Zone.....	345,521	92.94	15,655	4.21	4,299	1.16	3,560	0.96	1,809	0.49	919	0.25
Achefer.....	46,240	96.35	969	2.02	451	0.94	139	0.29	120	0.25	71	0.15
Bahir Dar Zuria.....	41,910	93.60	851	1.90	867	1.94	388	0.87	488	1.09	273	0.61
Yilman Densa.....	52,473	98.30	840	1.57	-	-	-	-	65	0.12	-	-
Merawi.....	45,982	96.17	1,829	3.83	-	-	-	-	-	-	-	-
Sekela.....	24,908	96.73	739	2.87	74	0.29	30	0.12	-	-	-	-
Kuarit.....	28,879	96.22	332	1.11	351	1.17	293	0.98	128	0.43	29	0.10
Dega Damot.....	26,214	91.08	1,046	3.63	685	2.38	674	2.34	119	0.41	43	0.15
Dembecha.....	16,944	77.38	4,161	19.00	336	1.53	270	1.23	81	0.37	104	0.47
Jabi Tehnan.....	31,925	89.69	3,184	8.94	157	0.44	137	0.38	193	0.54	-	-
Bure Wemberma.....	30,052	84.01	1,703	4.76	1,376	3.85	1,627	4.55	616	1.72	398	1.11
Waghamra Zone.....	32,576	43.06	24,100	31.86	12,724	16.82	4,264	5.64	1,448	1.91	542	0.72
Zikuala.....	5,455	41.00	3,560	26.76	2,644	19.87	787	5.92	544	4.09	315	2.37
Sekota.....	14,279	42.32	12,584	37.30	4,700	13.93	1,791	5.31	285	0.84	101	0.30
Dehana.....	12,846	44.90	7,956	27.81	5,379	18.80	1,685	5.89	619	2.16	125	0.44
Awii Zone.....	125,418	82.12	13,058	8.55	8,151	5.34	4,534	2.97	1,104	0.72	458	0.30
Dangela.....	23,924	70.37	5,308	15.61	3,287	9.67	1,120	3.29	248	0.73	110	0.32
Banja.....	25,856	99.73	-	-	71	0.27	-	-	-	-	-	-
Ankesha.....	36,768	96.62	1,101	2.89	142	0.37	45	0.12	-	-	-	-
Guangua.....	15,525	49.64	6,589	21.07	4,618	14.77	3,337	10.67	856	2.74	348	1.11
Faggeta Lekoma.....	23,346	99.47	61	0.26	32	0.14	32	0.14	-	-	-	-
Oromia Zone.....	53,615	73.79	16,001	22.02	2,554	3.51	423	0.58	70	0.10	-	-
Chefe Golana Dawe Rahimedo.....	17,851	59.35	10,335	34.36	1,530	5.09	319	1.06	40	0.13	-	-
Bati.....	14,481	88.79	1,230	7.54	532	3.26	66	0.40	-	-	-	-
Jile Tsumiga.....	9,236	78.02	2,259	19.08	324	2.74	19	0.16	-	-	-	-
Artuma Fursi.....	12,048	83.42	2,177	15.07	168	1.16	20	0.14	29	0.20	-	-



Table 8.33B:- Number of Crop Holders that Owned Local Storage 'Gudguad' by Geographic Area.

Geographic Area.	Number of Crop Holders that Owned											
	No 'Gudguad'		One 'Gudguad'		Two 'Gudguads'		Three 'Gudguads'		Four 'Gudguads'		Five and above 'Gudguads'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
Amhara Region.....	2,664,837	89.14	261,549	8.75	47,468	1.59	10,210	0.34	2,965	0.10	2,325	0.08
North Gonder Zone.....	416,218	97.52	5,380	1.26	3,562	0.83	941	0.22	399	0.09	298	0.07
Addi Arkay.....	23,671	98.66	31	0.13	145	0.60	65	0.27	56	0.23	24	0.10
Beyeda.....	11,949	68.14	3,454	19.70	1,704	9.72	344	1.96	45	0.26	41	0.23
Janamora.....	26,459	90.66	1,195	4.09	1,075	3.68	195	0.67	146	0.50	114	0.39
Debark.....	20,881	97.16	520	2.42	91	0.42	-	-	-	-	-	-
Dabat.....	24,522	99.77	-	-	-	-	-	-	25	0.10	31	0.13
Sanja.....	24,505	99.93	-	-	18	0.07	-	-	-	-	-	-
Lay Armacheho.....	24,779	99.22	79	0.32	62	0.25	26	0.10	-	-	29	0.12
Wegera.....	36,880	99.52	64	0.17	60	0.16	53	0.14	-	-	-	-
Gondar Zuria.....	38,679	99.29	-	-	184	0.47	94	0.24	-	-	-	-
Dembia.....	41,122	99.64	-	-	53	0.13	97	0.24	-	-	-	-
Chilga.....	32,132	99.52	37	0.11	49	0.15	-	-	68	0.21	-	-
Metema.....	10,152	100.00	-	-	-	-	-	-	-	-	-	-
Quara.....	9,401	100.00	-	-	-	-	-	-	-	-	-	-
Alefa.....	45,937	99.34	-	-	122	0.26	65	0.14	60	0.13	60	0.13
Belesa.....	45,148	100.00	-	-	-	-	-	-	-	-	-	-
South Gonder Zone.....	366,630	97.96	4,580	1.22	1,943	0.52	610	0.16	396	0.11	93	0.02
Ebenat.....	41,866	99.75	53	0.13	50	0.12	-	-	-	-	-	-
Kemekem.....	30,740	99.85	-	-	-	-	-	-	-	-	46	0.15
Fogera.....	39,994	99.01	50	0.12	205	0.51	97	0.24	-	-	47	0.12
Farta.....	43,826	92.01	3,122	6.55	322	0.68	199	0.42	165	0.35	-	-
Lay Gayint.....	36,834	93.72	985	2.51	1,003	2.55	313	0.80	168	0.43	-	-
Tach Gayint.....	20,169	99.50	21	0.10	80	0.39	-	-	-	-	-	-
Simada.....	46,966	99.86	67	0.14	-	-	-	-	-	-	-	-
Estie.....	63,185	99.52	217	0.34	87	0.14	-	-	-	-	-	-
Dera.....	43,051	99.25	66	0.15	197	0.45	-	-	62	0.14	-	-
North Wollo Zone.....	230,024	74.76	61,638	20.03	11,959	3.89	2,588	0.84	596	0.19	864	0.28
Bugna.....	45,169	96.69	1,241	2.66	189	0.40	117	0.25	-	-	-	-
Kobo.....	17,845	43.03	21,082	50.83	2,229	5.37	164	0.40	59	0.14	93	0.22
Gidan.....	33,840	97.92	437	1.26	283	0.82	-	-	-	-	-	-
Meket.....	40,945	85.11	3,184	6.62	2,659	5.53	964	2.00	45	0.09	310	0.64
Wadala.....	19,382	72.70	3,570	13.39	2,662	9.98	637	2.39	225	0.84	185	0.69
Dawutna Delanta.....	31,990	89.08	1,982	5.52	1,304	3.63	461	1.28	39	0.11	134	0.37
Guba Lafto.....	24,170	67.89	10,104	28.38	1,159	3.26	89	0.25	35	0.10	43	0.12
Habru.....	16,685	43.18	20,039	51.85	1,473	3.81	156	0.40	194	0.50	98	0.25
South Wollo Zone.....	389,992	79.29	83,781	17.03	14,514	2.95	2,679	0.54	475	0.10	419	0.09
Mekdela.....	30,664	99.78	67	0.22	-	-	-	-	-	-	-	-
Tenta.....	34,165	96.35	893	2.52	356	1.00	46	0.13	-	-	-	-
Kutaber.....	21,356	98.63	107	0.49	74	0.34	27	0.12	56	0.26	32	0.15
Ambasel.....	21,406	81.19	4,326	16.41	588	2.23	45	0.17	-	-	-	-
Tehuledere.....	11,582	48.93	10,808	45.66	1,185	5.01	65	0.27	31	0.13	-	-
Werebabu.....	8,584	40.38	11,975	56.33	499	2.35	122	0.57	-	-	80	0.38
Kalu.....	11,250	28.72	24,949	63.68	2,702	6.90	166	0.42	55	0.14	55	0.14
Dessie Zuria.....	53,479	82.36	7,616	11.73	2,863	4.41	831	1.28	145	0.22	-	-
Legambo.....	28,947	81.32	4,998	14.04	1,417	3.98	148	0.42	44	0.12	44	0.12
Sayint.....	39,789	88.71	3,654	8.15	917	2.04	320	0.71	104	0.23	69	0.15
Debresina.....	31,108	84.83	3,933	10.72	1,104	3.01	434	1.18	-	-	94	0.26
Kelala.....	28,002	93.58	1,763	5.89	159	0.53	-	-	-	-	-	-
Jama.....	25,068	100.00	-	-	-	-	-	-	-	-	-	-
Were Ilu.....	26,387	88.80	1,856	6.25	1,270	4.27	117	0.39	40	0.13	45	0.15
Wegde.....	18,205	67.98	6,835	25.52	1,380	5.15	359	1.34	-	-	-	-
North Shewa (Amhara) Zone.....	293,734	86.71	38,737	11.43	5,034	1.49	943	0.28	172	0.05	143	0.04
Middana Weremo.....	16,464	98.87	137	0.82	22	0.13	29	0.17	-	-	-	-
Merhabete.....	22,885	99.35	87	0.38	30	0.13	33	0.14	-	-	-	-
Insarona Wayu.....	24,523	100.00	-	-	-	-	-	-	-	-	-	-
Moretna Jiru.....	17,267	99.87	22	0.13	-	-	-	-	-	-	-	-



Table 8.33B:- Number of Crop Holders that Owned Local Storage 'Gudguad' by Geographic Area. (Continued)

Geographic Area.	Number of Crop Holders that Owned											
	No 'Gudguad'		One 'Gudguad'		Two 'Gudguads'		Three 'Gudguads'		Four 'Gudguads'		Five and above 'Gudguads'	
	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%	Holders	%
North Shewa (Amhara) Zone .....												
Gera Keya .....	27,106	99.41	36	0.13	126	0.46	-	-	-	-	-	-
Geshe .....	11,654	99.60	31	0.26	16	0.14	-	-	-	-	-	-
Antsokiya Gemza .....	11,010	84.79	1,808	13.92	60	0.46	60	0.46	17	0.13	30	0.23
Efratana Gidim .....	12,369	66.07	5,767	30.80	464	2.48	121	0.65	-	-	-	-
Lalo Midir .....	23,641	99.42	112	0.47	27	0.11	-	-	-	-	-	-
Mojana Wadera .....	14,972	99.89	17	0.11	-	-	-	-	-	-	-	-
Tarma Ber .....	10,350	60.35	5,860	34.17	669	3.90	206	1.20	42	0.24	23	0.13
Kewet .....	10,193	49.97	8,571	42.02	1,486	7.28	102	0.50	47	0.23	-	-
Asagirt .....	6,042	62.77	3,218	33.43	327	3.40	25	0.26	13	0.14	-	-
Angolelana Tera .....	14,825	99.30	17	0.11	17	0.11	53	0.35	-	-	18	0.12
Ankober .....	8,815	55.67	6,135	38.75	721	4.55	121	0.76	22	0.14	20	0.13
Hagere Mariam .....	10,318	96.85	314	2.95	22	0.21	-	-	-	-	-	-
Berehet .....	1,806	33.36	2,903	53.62	630	11.64	75	1.39	-	-	-	-
Minjarna Shenkora .....	19,652	85.74	2,723	11.88	381	1.66	81	0.35	31	0.14	52	0.23
Basona Werana .....	29,845	96.60	977	3.16	35	0.11	37	0.12	-	-	-	-
East Gojam Zone .....	347,290	92.07	21,505	5.70	6,739	1.79	1,195	0.32	419	0.11	60	0.02
Bibugn .....	20,069	98.47	55	0.27	78	0.38	101	0.50	77	0.38	-	-
Hulet Ej Enese .....	42,734	99.56	-	-	-	-	68	0.16	60	0.14	60	0.14
Goncha Siso Enese .....	25,778	96.80	703	2.64	150	0.56	-	-	-	-	-	-
Enbise Sar Midir .....	19,300	73.54	4,739	18.06	1,910	7.28	205	0.78	90	0.34	-	-
Enarj Enawga .....	25,538	81.31	4,267	13.59	1,300	4.14	259	0.82	44	0.14	-	-
Enemay .....	24,081	91.54	1,547	5.88	602	2.29	77	0.29	-	-	-	-
Debay Telatgen .....	23,031	95.24	520	2.15	517	2.14	114	0.47	-	-	-	-
Machakel .....	38,118	99.18	50	0.13	157	0.41	107	0.28	-	-	-	-
Guzamn .....	41,479	96.88	1,124	2.63	62	0.14	-	-	149	0.35	-	-
Baso Liben .....	26,065	99.90	-	-	-	-	27	0.10	-	-	-	-
Awabel .....	28,968	90.21	2,534	7.89	525	1.63	84	0.26	-	-	-	-
Dejen .....	14,412	71.11	4,396	21.69	1,334	6.58	125	0.62	-	-	-	-
Shebel Berenta .....	17,720	91.25	1,569	8.08	103	0.53	27	0.14	-	-	-	-
West Gojam Zone .....	369,777	99.47	503	0.14	265	0.07	733	0.20	314	0.08	171	0.05
Achefer .....	47,825	99.66	60	0.13	45	0.09	60	0.13	-	-	-	-
Bahir Dar Zuria .....	44,416	99.19	120	0.27	58	0.13	183	0.41	-	-	-	-
Yilman Densa .....	53,220	99.70	-	-	-	-	158	0.30	-	-	-	-
Merawi .....	47,611	99.58	60	0.13	-	-	-	-	140	0.29	-	-
Sekela .....	25,535	99.16	36	0.14	65	0.25	115	0.45	-	-	-	-
Kuarit .....	29,787	99.25	107	0.36	36	0.12	47	0.16	35	0.12	-	-
Dega Damot .....	28,600	99.37	-	-	36	0.13	65	0.23	-	-	80	0.28
Dembecha .....	21,815	99.63	30	0.14	24	0.11	-	-	27	0.12	-	-
Jabi Tehnan .....	35,419	99.50	43	0.12	-	-	43	0.12	-	-	91	0.26
Bure Wemberma .....	35,552	99.38	47	0.13	-	-	61	0.17	112	0.31	-	-
Waghamra Zone .....	74,641	98.66	607	0.80	285	0.38	121	0.16	-	-	-	-
Zikuala .....	13,265	99.70	20	0.15	-	-	20	0.15	-	-	-	-
Sekota .....	32,878	97.45	551	1.63	249	0.74	62	0.18	-	-	-	-
Dehana .....	28,501	99.62	35	0.12	35	0.12	39	0.14	-	-	-	-
Awii Zone .....	151,899	99.46	514	0.34	90	0.06	144	0.09	76	0.05	-	-
Dangela .....	33,816	99.47	96	0.28	-	-	42	0.12	43	0.13	-	-
Banja .....	25,756	99.34	139	0.54	-	-	-	-	32	0.12	-	-
Ankesha .....	37,687	99.03	279	0.73	90	0.24	-	-	-	-	-	-
Guangua .....	31,273	100.00	-	-	-	-	-	-	-	-	-	-
Faggeta Lekoma .....	23,369	99.57	-	-	-	-	102	0.43	-	-	-	-
Oromia Zone .....	24,627	33.89	44,304	60.97	3,077	4.23	258	0.36	119	0.16	278	0.38
Chefe Golana Dawe Rahimedo .....	11,071	36.81	17,231	57.29	1,616	5.37	112	0.37	45	0.15	-	-
Bati .....	3,806	23.34	11,530	70.70	798	4.89	114	0.70	44	0.27	17	0.10
Jile Tsumiga .....	4,324	36.53	7,209	60.90	273	2.31	32	0.27	-	-	-	-
Artuma Fursi .....	5,427	37.58	8,334	57.71	391	2.71	-	-	29	0.20	261	1.81



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	%
Amhara Region.....	2,984,146	99.83	2,609	0.09	1,176	0.04	931	0.03	187	0.01	305	0.01
North Gondar Zone.....	425,661	99.73	393	0.09	299	0.07	190	0.04	187	0.04	68	0.02
Addi Arkay .....	23,951	99.83	-	-	41	0.17	-	-	-	-	-	-
Beyeda .....	17,537	100.00	-	-	-	-	-	-	-	-	-	-
Janamora .....	29,184	100.00	-	-	-	-	-	-	-	-	-	-
Debark.....	21,492	100.00	-	-	-	-	-	-	-	-	-	-
Dabat.....	24,578	100.00	-	-	-	-	-	-	-	-	-	-
Sanja.....	24,283	99.02	34	0.14	81	0.33	57	0.23	-	-	68	0.28
Lay Armacheho .....	24,975	100.00	-	-	-	-	-	-	-	-	-	-
Wegera.....	37,022	99.91	35	0.09	-	-	-	-	-	-	-	-
Gondar Zuria.....	38,904	99.86	53	0.14	-	-	-	-	-	-	-	-
Dembia.....	40,986	99.31	95	0.23	-	-	87	0.21	104	0.25	-	-
Chilga.....	32,160	99.61	-	-	43	0.13	-	-	83	0.26	-	-
Metema .....	9,981	98.32	129	1.27	42	0.41	-	-	-	-	-	-
Quara.....	9,401	100.00	-	-	-	-	-	-	-	-	-	-
Alefa.....	46,244	100.00	-	-	-	-	-	-	-	-	-	-
Belesa.....	44,961	99.59	47	0.10	93	0.21	47	0.10	-	-	-	-
South Gondar Zone.....	373,448	99.79	303	0.08	162	0.04	222	0.06	-	-	117	0.03
Ebenat .....	41,875	99.78	47	0.11	-	-	47	0.11	-	-	-	-
Kemekem.....	30,703	99.73	35	0.11	48	0.16	-	-	-	-	-	-
Fogera .....	40,393	100.00	-	-	-	-	-	-	-	-	-	-
Farta .....	47,445	99.60	67	0.14	-	-	122	0.26	-	-	-	-
Lay Gayint .....	39,196	99.73	-	-	52	0.13	-	-	-	-	55	0.14
Tach Gayint .....	20,270	100.00	-	-	-	-	-	-	-	-	-	-
Simada .....	46,879	99.67	154	0.33	-	-	-	-	-	-	-	-
Estie .....	63,489	100.00	-	-	-	-	-	-	-	-	-	-
Dera.....	43,198	99.59	-	-	62	0.14	54	0.12	-	-	62	0.14
North Wollo Zone.....	307,447	99.93	200	0.07	22	0.01	-	-	-	-	-	-
Bugna .....	46,579	99.71	115	0.25	22	0.05	-	-	-	-	-	-
Kobo.....	41,420	99.87	52	0.13	-	-	-	-	-	-	-	-
Gidan.....	34,560	100.00	-	-	-	-	-	-	-	-	-	-
Meket .....	48,107	100.00	-	-	-	-	-	-	-	-	-	-
Wadala .....	26,629	99.88	32	0.12	-	-	-	-	-	-	-	-
Dawutna Delanta .....	35,910	100.00	-	-	-	-	-	-	-	-	-	-
Guba Lafto .....	35,600	100.00	-	-	-	-	-	-	-	-	-	-
Habru .....	38,645	100.00	-	-	-	-	-	-	-	-	-	-
South Wollo Zone.....	491,330	99.89	261	0.05	130	0.03	76	0.02	-	-	63	0.01
Mekdela .....	30,731	100.00	-	-	-	-	-	-	-	-	-	-
Tenta .....	35,460	100.00	-	-	-	-	-	-	-	-	-	-
Kutaber .....	21,652	100.00	-	-	-	-	-	-	-	-	-	-
Ambasel .....	26,291	99.72	74	0.28	-	-	-	-	-	-	-	-
Tehuledere .....	23,671	100.00	-	-	-	-	-	-	-	-	-	-
Werebabu.....	21,260	100.00	-	-	-	-	-	-	-	-	-	-
Kalu.....	39,105	99.82	-	-	72	0.18	-	-	-	-	-	-
Dessie Zuria.....	64,934	100.00	-	-	-	-	-	-	-	-	-	-
Legambo .....	35,556	99.88	42	0.12	-	-	-	-	-	-	-	-
Sayint .....	44,669	99.59	63	0.14	58	0.13	-	-	-	-	63	0.14
Debresina .....	36,632	99.89	-	-	-	-	41	0.11	-	-	-	-
Kelala .....	29,889	99.88	-	-	-	-	35	0.12	-	-	-	-
Jama .....	25,068	100.00	-	-	-	-	-	-	-	-	-	-
Were Ilu .....	29,670	99.85	45	0.15	-	-	-	-	-	-	-	-
Wegde .....	26,742	99.86	37	0.14	-	-	-	-	-	-	-	-
North Shewa (Amhara) Zone ..	338,025	99.78	463	0.14	138	0.04	81	0.02	-	-	56	0.02
Middana Weremo .....	16,652	100.00	-	-	-	-	-	-	-	-	-	-
Merhabete .....	22,975	99.74	30	0.13	30	0.13	-	-	-	-	-	-
Insarona Wayu.....	24,465	99.76	-	-	29	0.12	29	0.12	-	-	-	-
Moretna Jiru.....	17,248	99.76	-	-	22	0.13	19	0.11	-	-	-	-



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	%
North Shewa (Amhara) Zone .....												
Gera Keya .....	27,268	100.00	-	-	-	-	-	-	-	-	-	-
Geshe .....	11,641	99.49	28	0.24	16	0.14	16	0.14	-	-	-	-
Antsokiya Gemza .....	12,968	99.87	17	0.13	-	-	-	-	-	-	-	-
Efratana Gidim .....	18,672	99.74	49	0.26	-	-	-	-	-	-	-	-
Lalo Midir .....	23,724	99.76	56	0.24	-	-	-	-	-	-	-	-
Mojana Wadera .....	14,972	99.89	17	0.11	-	-	-	-	-	-	-	-
Tarma Ber .....	17,133	99.90	-	-	-	-	17	0.10	-	-	-	-
Kewet .....	20,399	100.00	-	-	-	-	-	-	-	-	-	-
Asagirt .....	9,614	99.89	11	0.11	-	-	-	-	-	-	-	-
Angolelana Tera .....	14,930	100.00	-	-	-	-	-	-	-	-	-	-
Ankober .....	15,785	99.69	49	0.31	-	-	-	-	-	-	-	-
Hagere Mariam .....	10,630	99.77	12	0.11	12	0.11	-	-	-	-	-	-
Berehet .....	5,414	100.00	-	-	-	-	-	-	-	-	-	-
Minjarna Shenkora .....	22,642	98.79	194	0.85	28	0.12	-	-	-	-	56	0.24
Basona Werana .....	30,894	100.00	-	-	-	-	-	-	-	-	-	-
East Gojam Zone .....	376,476	99.81	382	0.10	224	0.06	126	0.03	-	-	-	-
Bibugn .....	20,354	99.87	-	-	26	0.13	-	-	-	-	-	-
Hulet Ej Enese .....	42,801	99.72	60	0.14	-	-	61	0.14	-	-	-	-
Goncha Siso Enese .....	26,532	99.63	-	-	62	0.23	37	0.14	-	-	-	-
Enbise Sar Midir .....	26,039	99.22	170	0.65	35	0.13	-	-	-	-	-	-
Enarj Enawga .....	31,350	99.82	58	0.18	-	-	-	-	-	-	-	-
Enemay .....	26,173	99.49	67	0.25	67	0.25	-	-	-	-	-	-
Debay Telatgen .....	24,182	100.00	-	-	-	-	-	-	-	-	-	-
Machakel .....	38,432	100.00	-	-	-	-	-	-	-	-	-	-
Guzamn .....	42,814	100.00	-	-	-	-	-	-	-	-	-	-
Baso Liben .....	26,092	100.00	-	-	-	-	-	-	-	-	-	-
Awabel .....	32,111	100.00	-	-	-	-	-	-	-	-	-	-
Dejen .....	20,233	99.83	-	-	34	0.17	-	-	-	-	-	-
Shebel Berenta .....	19,365	99.72	27	0.14	-	-	27	0.14	-	-	-	-
West Gojam Zone .....	371,318	99.88	338	0.09	45	0.01	62	0.02	-	-	-	-
Achefer .....	47,990	100.00	-	-	-	-	-	-	-	-	-	-
Bahir Dar Zuria .....	44,777	100.00	-	-	-	-	-	-	-	-	-	-
Yilman Densa .....	53,378	100.00	-	-	-	-	-	-	-	-	-	-
Merawi .....	47,749	99.87	-	-	-	-	62	0.13	-	-	-	-
Sekela .....	25,751	100.00	-	-	-	-	-	-	-	-	-	-
Kuarit .....	30,012	100.00	-	-	-	-	-	-	-	-	-	-
Dega Damot .....	28,781	100.00	-	-	-	-	-	-	-	-	-	-
Dembecha .....	21,872	99.89	24	0.11	-	-	-	-	-	-	-	-
Jabi Tehnan .....	35,551	99.87	-	-	45	0.13	-	-	-	-	-	-
Bure Wemberma .....	35,458	99.12	314	0.88	-	-	-	-	-	-	-	-
Waghamra Zone .....	75,576	99.90	35	0.05	43	0.06	-	-	-	-	-	-
Zikuala .....	13,227	99.41	35	0.26	43	0.32	-	-	-	-	-	-
Sekota .....	33,740	100.00	-	-	-	-	-	-	-	-	-	-
Dehana .....	28,610	100.00	-	-	-	-	-	-	-	-	-	-
Awii Zone .....	152,267	99.70	169	0.11	113	0.07	174	0.11	-	-	-	-
Dangela .....	33,822	99.49	51	0.15	69	0.20	55	0.16	-	-	-	-
Banja .....	25,927	100.00	-	-	-	-	-	-	-	-	-	-
Ankesha .....	37,924	99.65	44	0.12	44	0.12	44	0.12	-	-	-	-
Guangua .....	31,124	99.52	74	0.24	-	-	75	0.24	-	-	-	-
Faggeta Lekoma .....	23,471	100.00	-	-	-	-	-	-	-	-	-	-
Oromia Zone .....	72,597	99.91	66	0.09	-	-	-	-	-	-	-	-
Chefe Golana Dawe Rahimedo .....	30,075	100.00	-	-	-	-	-	-	-	-	-	-
Bati .....	16,290	99.88	19	0.12	-	-	-	-	-	-	-	-
Jile Tsumiga .....	11,805	99.72	33	0.28	-	-	-	-	-	-	-	-
Artuma Fursi .....	14,427	99.90	15	0.10	-	-	-	-	-	-	-	-



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

*Annex Tables 8.1-8.11*



**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, Draught animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Draught 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 .....	2,517,188	13,054.56	0.52	4,524,079	35,414.29	0.78	27,793,994	32,391,448.58	1.17
'Gejeras' .....	168,214	5,268.45	3.13	183,993	5,962.87	3.24	1,701,068	7,189,379.60	4.23
Shovels .....	464,678	7,767.83	1.67	493,115	9,074.29	1.84	4,253,731	8,443,374.55	1.98
Used for Cultivation									
Hoes .....	396,827	10,681.52	2.69	537,512	21,885.89	4.07	2,814,556	8,847,328.23	3.14
'Mekeskeshas' .....	87,567	6,768.26	7.73	134,105	12,199.26	9.10	706,148	6,153,985.95	8.71
Pick Axes .....	1,127,777	15,088.20	1.34	1,614,266	27,703.20	1.72	9,070,464	14,682,453.31	1.62
Tractors .....	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers' .....	2,311,694	12,101.83	0.52	4,685,784	40,948.96	0.87	9,920,742	10,980,889.12	1.11
'Erfes' (Handle) .....	2,297,082	12,088.65	0.53	3,935,134	39,598.09	1.01	6,415,309	7,963,189.33	1.24
Plough-Beams .....	2,329,211	12,152.54	0.52	4,030,791	27,770.44	0.69	27,983,262	31,217,223.54	1.12
Plough -Tips (Metal) .....	2,283,412	12,117.44	0.53	2,628,066	16,159.49	0.61	48,590,555	41,713,922.45	0.86
'Wegel' -Tips .....	2,282,885	12,141.35	0.53	2,556,122	15,277.88	0.60	10,792,587	9,025,915.25	0.84
Yokes .....	2,294,919	12,181.08	0.53	2,788,608	17,383.50	0.62	16,174,215	15,639,190.87	0.97
Used for Harvesting									
Sickles .....	2,686,409	12,439.84	0.46	5,507,067	34,454.06	0.63	30,832,048	34,190,763.76	1.11
Used for Threshing									
Hay-Forks (Metal) .....	45,811	2,071.33	4.52	56,272	2,702.54	4.80	592,850	4,190,022.12	7.07
Hay-Forks (Wood) .....	1,802,766	12,170.20	0.68	3,124,631	27,805.97	0.89	10,472,226	13,172,139.45	1.26
Threshing Sticks .....	264,831	10,536.27	3.98	537,963	23,409.15	4.35	626,661	3,627,474.87	5.79
Winnowers (Metal) .....	8,363	696.74	8.33	10,171	964.70	9.48	73,906	800,678.85	10.83
Winnowers (Wood) .....	1,014,103	11,369.73	1.12	1,163,325	14,194.08	1.22	8,335,239	12,122,979.70	1.45
Other Farm Equipment									
Carts (Hauling) .....	2,145	353.88	16.49	2,815	526.75	18.72	354,538	14,689,456.15	41.43
Sprayers (Hand Operated) .....	10,711	769.08	7.18	14,981	1,197.64	7.99	1,311,584	18,260,556.20	13.92
Sprayers (Power Operated) .....	*	*	*	*	*	*	*	*	*
Tying Tools .....	*	*	*	*	*	*	*	*	*
Wheelbarrows .....	946	218.32	23.07	946	218.32	23.07	69,408	1,966,323.08	28.33
Animals Used for Ploughing									
Asses .....	20,736	2,370.20	11.43	26,095	3,083.57	11.82	10,085,830	122,898,340.69	12.19
Camels .....	*	*	*	*	*	*	*	*	*
Horses .....	59,714	4,527.11	7.58	85,860	6,578.50	7.66	30,118,066	250,409,530.10	8.31
Mules .....	3,729	955.49	25.63	4,096	1,038.11	25.35	3,038,525	81,864,534.34	26.94
Oxen .....	2,122,013	12,742.78	0.60	3,769,055	62,571.71	1.66	2,145,166,659	1,728,858,634.59	0.81
Animals Used for Threshing or Transportation									
Asses .....	886,442	9,822.05	1.11	1,105,496	20,757.65	1.88	188,781,125	239,880,908.80	1.27
Camels .....	9,154	1,113.95	12.17	12,764	1,426.98	11.18	12,201,756	136,934,958.48	11.22
Cattle .....	2,240,133	13,325.32	0.59	5,776,762	97,670.71	1.69	2,996,251,337	4,748,944,040.39	1.58
Horses .....	165,919	6,697.88	4.04	232,426	12,552.40	5.40	75,913,894	347,829,936.54	4.58
Mules .....	60,896	2,826.38	4.64	65,567	3,192.02	4.87	52,741,268	253,128,486.33	4.80
Storage Structure									
'Debiginits' .....	2,202,125	18,813.95	0.85	6,107,517	72,515.80	1.19	42,857,551	106,688,055.42	2.49
'Gotteras' .....	1,030,710	17,693.39	1.72	1,970,926	48,769.42	2.47	25,645,365	67,127,632.49	2.62
'Gudguads' .....	324,494	9,467.93	2.92	414,314	13,465.37	3.25	8,873,563	33,213,894.14	3.74
Modern Storages .....	5,208	631.63	12.13	10,119	1,295.79	12.81	780,725	33,906,433.19	43.43



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

Implements, Equipment, Draught animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Draught 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 .....	330,425	5,000.49	1.51	547,828	11,504.08	2.10	5,210,108	17,635,603.77	3.38
'Gejeras' .....	61,679	3,327.61	5.40	67,411	3,783.21	5.61	771,571	5,659,868.12	7.34
Shovels.....	51,901	2,375.51	4.58	54,308	2,533.94	4.67	539,019	2,694,613.58	5.00
Used for Cultivation									
Hoes .....	20,257	3,162.65	15.61	24,020	4,071.85	16.95	216,667	3,996,880.99	18.45
'Mekeskeshas' .....	27,105	3,908.38	14.42	41,915	7,062.27	16.85	268,403	4,708,297.35	17.54
Pick Axes .....	79,434	4,538.06	5.71	93,893	5,899.32	6.28	766,179	4,320,977.24	5.64
Tractors.....	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers' .....	336,316	4,661.40	1.39	629,285	14,280.49	2.27	1,778,780	5,773,438.38	3.25
'Erfe's' (Handle) .....	335,733	4,660.79	1.39	578,000	10,369.71	1.79	1,339,689	3,978,524.58	2.97
Plough-Beams. ....	340,239	4,739.10	1.39	543,599	9,206.43	1.69	4,904,151	15,473,543.69	3.16
Plough -Tips (Metal) .....	321,671	4,598.13	1.43	385,740	6,470.95	1.68	9,396,052	20,000,851.72	2.13
'Wegel' -Tips.....	320,526	4,771.36	1.49	369,561	6,450.36	1.75	1,963,394	4,889,895.86	2.49
Yokes .....	334,662	4,724.84	1.41	425,924	7,621.80	1.79	2,153,625	5,876,732.05	2.73
Used for Harvesting									
Sickles.....	373,397	5,109.35	1.37	634,859	10,583.12	1.67	7,167,033	16,656,375.34	2.32
Used for Threshing									
Hay-Forks (Metal) .....	11,433	1,118.61	9.78	13,720	1,428.75	10.41	191,811	2,809,618.10	14.65
Hay-Forks (Wood) .....	265,379	4,638.55	1.75	469,564	11,104.62	2.36	1,605,491	4,876,441.53	3.04
Threshing Sticks .....	25,302	3,589.82	14.19	40,167	5,952.37	14.82	72,110	1,116,357.95	15.48
Winnowers (Metal) .....	1,142	261.53	22.90	1,267	299.37	23.63	8,666	268,669.12	31.00
Winnowers (Wood) .....	115,633	4,672.90	4.04	135,262	5,889.12	4.35	840,608	4,345,133.04	5.17
Other Farm Equipment									
Carts (Hauling) .....	*	*	*	*	*	*	*	*	*
Sprayers (Hand Operated)	1,410	293.42	20.81	1,826	440.94	24.15	*	*	*
Sprayers (Power Operated)	-	-	-	-	-	-	-	-	-
Tying Tools .....	*	*	*	*	*	*	*	*	*
Wheelbarrows.....	*	*	*	*	*	*	*	*	*
Animals Used for Ploughing									
Asses.....	2,790	614.47	22.02	3,625	773.33	21.33	1,756,182	39,110,230.42	22.27
Camels .....	-	-	-	-	-	-	-	-	-
Horses .....	7,504	1,290.48	17.20	10,548	1,981.00	18.78	4,388,205	88,396,397.44	20.14
Mules .....	242	111.92	46.28	*	*	*	*	*	*
Oxen.....	304,155	4,859.75	1.60	533,796	18,378.45	3.44	312,857,648	704,741,964.93	2.25
AnimalsUsed for Threshing or Transportation									
Asses.....	138,413	3,999.74	2.89	168,099	5,196.08	3.09	34,935,995	114,318,849.44	3.27
Camels .....	411	129.94	31.62	456	140.05	30.72	1,021,213	31,759,282.38	31.10
Cattle.....	307,831	5,020.00	1.63	703,515	23,485.40	3.34	399,377,061	1,162,678,105.44	2.91
Horses .....	18,645	1,784.25	9.57	26,675	3,200.42	12.00	10,342,077	113,711,254.44	11.00
Mules .....	6,230	677.80	10.88	6,366	687.04	10.79	6,137,758	66,166,978.26	10.78
Storage Structure									
'Debiginits' .....	296,606	8,275.23	2.79	872,330	28,690.71	3.29	8,083,546	44,877,815.57	5.55
'Goteraras' .....	139,155	6,323.07	4.54	241,387	12,960.73	5.37	3,676,000	23,234,734.85	6.32
'Gudguads' .....	10,580	1,462.40	13.82	18,520	2,617.06	14.13	219,323	3,264,385.02	14.88
Modern Storages.....	1,138	305.58	26.86	2,686	759.22	28.26	56,992	1,898,341.02	33.31



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

Implements, Equipment, Draught animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Draught 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 .....	303,091	5,669.83	1.87	531,229	17,046.59	3.21	2,774,097	9,945,462.57	3.59
'Gejeras' .....	6,756	1,265.15	18.73	8,176	1,747.36	21.37	50,627	1,086,955.44	21.47
Shovels .....	31,073	2,198.71	7.08	32,966	2,382.76	7.23	242,712	2,175,123.13	8.96
Used for Cultivation									
Hoes .....	10,652	3,122.16	29.31	16,077	4,904.33	30.51	43,751	1,287,307.64	29.42
'Mekeskeshas' .....	19,216	4,391.09	22.85	32,735	8,325.36	25.43	87,804	2,232,332.84	25.42
Pick Axes .....	63,572	6,248.36	9.83	87,606	10,041.34	11.46	504,628	4,868,980.12	9.65
Tractors .....	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers' .....	295,798	5,127.49	1.73	624,350	18,628.42	2.98	1,319,442	4,194,412.84	3.18
'Erfe' (Handle) .....	295,765	5,056.57	1.71	565,079	15,441.08	2.73	814,629	2,796,427.98	3.43
Plough-Beams .....	299,433	5,160.13	1.72	580,602	12,858.90	2.21	2,630,112	9,661,713.06	3.67
Plough -Tips (Metal) .....	292,274	5,164.99	1.77	342,730	6,865.80	2.00	5,514,702	15,284,811.48	2.77
'Wegel' -Tips .....	290,919	5,187.84	1.78	315,269	5,920.34	1.88	1,145,353	2,851,707.39	2.49
Yokes .....	290,171	5,207.84	1.79	343,763	6,822.61	1.98	2,101,336	6,507,693.09	3.10
Used for Harvesting									
Sickles .....	337,092	4,992.59	1.48	788,254	16,223.98	2.06	2,883,224	9,419,443.41	3.27
Used for Threshing									
Hay-Forks (Metal) .....	5,342	729.89	13.66	6,421	976.19	15.20	51,908	1,301,990.63	25.08
Hay-Forks (Wood) .....	220,062	4,968.37	2.26	410,238	11,621.72	2.83	1,257,246	4,748,423.81	3.78
Threshing Sticks .....	17,635	2,605.39	14.77	25,491	3,545.41	13.91	36,877	710,198.98	19.26
Winnowers (Metal) .....	989	270.55	27.35	1,160	322.56	27.81	5,232	147,609.84	28.21
Winnowers (Wood) .....	120,031	4,381.56	3.65	137,651	5,342.35	3.88	770,782	3,772,649.49	4.89
Other Farm Equipment									
Carts (Hauling) .....	*	*	*	*	*	*	*	*	*
Sprayers (Hand Operated) ..	1,068	298.10	27.92	1,587	434.58	27.39	*	*	*
Sprayers (Power Operated) ..	-	-	-	-	-	-	-	-	-
Tying Tools .....	-	-	-	-	-	-	-	-	-
Wheelbarrows .....	*	*	*	*	*	*	*	*	*
Animals Used for Ploughing									
Asses .....	2,634	865.95	32.88	2,990	966.04	32.31	1,174,213	43,945,778.17	37.43
Camels .....	-	-	-	-	-	-	-	-	-
Horses .....	*	*	*	*	*	*	*	*	*
Mules .....	*	*	*	*	*	*	*	*	*
Oxen .....	274,489	5,334.88	1.94	473,480	36,662.59	7.74	235,401,394	587,411,360.71	2.50
Animals Used for Threshing or Transportation									
Asses .....	99,169	3,325.19	3.35	124,484	4,207.03	3.38	18,480,090	69,510,673.14	3.76
Camels .....	*	*	*	*	*	*	*	*	*
Cattle .....	288,447	5,349.44	1.85	803,106	61,628.93	7.67	353,072,047	1,074,376,314.12	20.50
Horses .....	12,763	2,426.21	19.01	13,983	2,700.20	19.31	5,123,950	105,052,844.56	14.74
Mules .....	8,714	1,300.21	14.92	9,875	1,524.09	15.43	7,380,702	108,814,401.44	3.04
Storage Structure									
'Debiginits' .....	315,893	8,054.85	2.55	986,931	30,450.86	3.09	5,480,323	28,479,834.46	5.20
'Gotteras' .....	101,575	7,427.09	7.31	205,993	22,873.38	11.10	1,688,866	18,989,148.18	11.24
'Gudguads' .....	7,621	2,309.54	30.30	12,342	3,143.15	25.47	161,473	5,869,794.43	36.35
Modern Storages .....	804	229.76	28.58	1,878	629.38	33.51	15,889	566,876.98	35.68



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

Implements, Equipment, Draught animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Draught animals and Storages			Total Value		
				Reported	S.E	C.V	(Birr)	S.E	C.V
	Reporting	S.E	C.V	Reported	S.E	C.V	(Birr)	S.E	C.V
Used for Clearing Land									
Axes .....	259,067	5,170.47	2.00	464,202	13,391.52	2.88	2,598,632	10,608,752.67	4.08
'Gejeras' .....	17,789	2,434.98	13.69	18,751	2,540.52	13.55	153,904	2,445,051.27	15.89
Shovels .....	86,163	4,541.32	5.27	91,433	5,682.10	6.21	643,025	4,014,533.01	6.24
Used for Cultivation									
Hoes .....	37,410	3,132.34	8.37	41,767	3,608.00	8.64	216,218	2,106,400.32	9.74
'Mekeskeshas' .....	3,715	1,028.04	27.68	4,352	1,118.41	25.70	54,935	1,537,096.78	27.98
Pick Axes .....	201,956	7,459.51	3.69	281,483	13,494.46	4.79	1,482,527	7,647,498.76	5.16
Tractors .....	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers' .....	232,205	4,990.71	2.15	440,538	13,328.87	3.03	823,604	3,008,916.52	3.65
'Erfe's' (Handle) .....	231,248	4,994.28	2.16	387,382	12,423.90	3.21	619,328	2,366,137.05	3.82
Plough-Beams .....	235,601	4,977.85	2.11	364,557	8,877.33	2.44	3,887,793	12,728,577.03	3.27
Plough -Tips (Metal) .....	234,333	5,025.66	2.14	264,754	6,786.36	2.56	4,008,539	11,787,253.34	2.94
'Wegel' -Tips .....	234,416	4,945.16	2.11	263,470	6,241.23	2.37	1,089,938	3,027,503.05	2.78
Yokes .....	231,974	5,038.66	2.17	290,415	7,229.70	2.49	1,459,200	4,595,568.12	3.15
Used for Harvesting									
Sickles .....	277,490	4,835.19	1.74	578,482	12,020.05	2.08	2,526,315	9,443,645.07	3.74
Used for Threshing									
Hay-Forks (Metal) .....	2,902	454.29	15.66	3,609	627.33	17.38	20,366	368,301.52	18.08
Hay-Forks (Wood) .....	179,498	4,676.01	2.61	288,441	9,707.46	3.37	1,178,682	4,887,726.05	4.15
Threshing Sticks .....	75,244	5,501.10	7.31	136,460	10,617.17	7.78	156,198	1,330,046.66	8.52
Winnowers (Metal) .....	898	256.27	28.53	1,443	510.89	35.41	11,372	396,176.91	34.84
Winnowers (Wood) .....	144,424	4,323.19	2.99	163,983	5,370.35	3.27	1,379,195	5,182,955.76	3.76
Other Farm Equipment									
Carts (Hauling) .....	*	*	*	*	*	*	*	*	*
Sprayers (Hand Operated) .....	552	179.40	32.48	911	305.16	33.48	2,584	89,922.63	34.80
Sprayers (Power Operated) .....	-	-	-	-	-	-	-	-	-
Tying Tools .....	-	-	-	-	-	-	-	-	-
Wheelbarrows .....	-	-	-	-	-	-	-	-	-
Animals Used for Ploughing									
Asses .....	2,968	969.31	32.66	3,483	1,216.28	34.92	1,743,829	65,873,887.60	37.78
Camels .....	*	*	*	*	*	*	*	*	*
Horses .....	9,992	2,480.38	24.82	12,369	3,276.15	26.49	4,978,896	139,603,083.22	28.04
Mules .....	448	177.41	39.60	482	186.99	38.79	466,395	20,821,162.19	44.64
Oxen .....	205,467	5,052.67	2.46	330,232	15,919.58	4.82	193,616,341	631,100,279.92	3.26
Animals Used for Threshing or Transportation									
Asses .....	80,046	3,534.12	4.42	98,639	4,533.00	4.60	16,434,725	79,490,699.55	4.84
Camels .....	3,186	959.48	30.11	4,028	1,132.60	28.12	4,051,334	109,595,312.93	27.05
Cattle .....	225,575	5,057.18	2.24	525,763	30,298.00	5.76	280,048,832	1,031,662,540.27	3.68
Horses .....	18,122	3,107.29	17.15	24,776	4,841.94	19.54	10,057,965	201,116,449.14	20.00
Mules .....	6,209	847.63	13.65	6,357	909.94	14.31	6,237,020	88,269,379.99	14.15
Storage Structure									
'Debiginits' .....	248,011	6,330.35	2.55	706,121	22,487.04	3.18	4,250,341	30,177,157.10	7.10
'Gotteras' .....	90,606	7,112.51	7.85	183,952	25,534.10	13.88	2,140,463	22,623,902.58	10.57
'Gudguads' .....	77,644	5,152.42	6.64	100,711	7,601.97	7.55	2,119,075	18,869,077.24	8.90
Modern Storages .....	*	*	*	*	*	*	*	*	*



**ANNEX TABLE 8.5: - Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, South Wollo Zone.**

Implements, Equipment, Draught animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Draught 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.....	439,048	5,749.67	1.31	824,501	15,839.06	1.92	4,598,427	9,853,319.50	2.14
'Gejeras'.....	7,316	1,055.50	14.43	8,481	1,252.75	14.77	82,684	1,525,792.44	18.45
Shovels.....	110,653	3,690.40	3.34	120,292	4,221.56	3.51	1,029,157	4,051,369.44	3.94
Used for Cultivation									
Hoes.....	163,157	4,704.23	2.88	193,454	6,063.49	3.13	1,115,768	4,535,486.26	4.06
'Mekeskeshas'.....	4,661	609.16	13.07	4,983	642.26	12.89	55,503	996,999.81	17.96
Pick Axes.....	300,059	7,686.99	2.56	454,076	17,007.33	3.75	2,007,853	6,614,154.06	3.29
Tractors.....	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers'.....	361,291	4,652.30	1.29	732,251	14,845.24	2.03	1,245,405	3,271,373.66	2.63
'Erfes' (Handle).....	357,951	4,682.77	1.31	563,922	12,276.35	2.18	854,716	2,287,545.17	2.68
Plough-Beams.....	362,546	4,727.14	1.30	557,277	9,900.34	1.78	6,112,271	16,014,261.46	2.62
Plough -Tips (Metal).....	359,827	4,746.00	1.32	383,214	5,398.61	1.41	6,268,152	12,652,066.53	2.02
'Wegel' -Tips.....	361,450	4,687.86	1.30	388,112	5,317.41	1.37	1,886,279	3,539,170.52	1.88
Yokes.....	360,309	4,709.32	1.31	421,924	6,234.23	1.48	2,678,442	6,280,590.34	2.34
Used for Harvesting									
Sickles.....	450,407	5,392.61	1.20	955,702	15,821.58	1.66	3,842,211	9,242,903.37	2.41
Used for Threshing									
Hay-Forks (Metal).....	3,535	491.95	13.92	4,094	579.77	14.16	29,188	443,435.29	15.19
Hay-Forks (Wood).....	294,356	4,995.86	1.70	478,323	10,304.39	2.15	2,246,990	7,260,479.01	3.23
Threshing Sticks.....	67,308	5,878.16	8.73	148,199	14,436.85	9.74	156,538	1,714,819.55	10.95
Winnowers (Metal).....	967	211.36	21.87	1,138	274.59	24.14	13,046	356,252.17	27.31
Winnowers (Wood).....	191,923	4,328.62	2.26	215,105	5,304.07	2.47	2,084,430	7,007,833.98	3.36
Other Farm Equipment									
Carts (Hauling).....	295	135.01	45.81	*	*	*	*	*	*
Sprayers (Hand Operated) ..	1,042	223.96	21.50	1,881	436.37	23.20	10,654	297,675.15	27.94
Sprayers (Power Operated) ..	*	*	*	*	*	*	*	*	*
Tying Tools.....	-	-	-	-	-	-	-	-	-
Wheelbarrows.....	324	149.02	46.04	324	149.02	46.04	*	*	*
Animals Used for Ploughing									
Asses.....	2,701	1,017.76	37.68	3,144	1,150.56	36.59	1,049,941	34,317,119.77	32.68
Camels.....	-	-	-	-	-	-	-	-	-
Horses.....	4,411	1,281.66	29.06	4,989	1,482.06	29.71	1,477,051	43,436,363.61	29.41
Mules.....	*	*	*	*	*	*	*	*	*
Oxen.....	328,671	5,128.45	1.56	558,956	17,997.33	3.22	338,659,388	651,040,508.54	1.92
AnimalsUsed for Threshing or Transportation									
Asses.....	157,184	4,738.70	3.01	198,020	7,459.08	3.77	28,909,071	94,579,505.66	3.27
Camels.....	1,390	316.06	22.75	1,863	445.67	23.92	1,979,296	49,482,960.97	25.00
Cattle.....	358,043	5,750.50	1.61	830,572	20,453.83	2.46	458,738,330	1,011,431,754.4	2.20
Horses.....	31,081	2,809.74	9.04	35,912	3,279.88	9.13	12,162,729	108,642,729.24	8.93
Mules.....	18,217	1,630.29	8.95	20,148	1,894.69	9.40	16,493,706	148,587,176.53	9.01
Storage Structure									
'Debiginits'.....	338,301	8,215.07	2.43	882,414	37,662.69	4.27	4,050,065	19,993,730.52	4.94
'Gotteras'.....	231,958	7,604.88	3.28	439,536	20,862.55	4.75	5,217,073	34,371,385.31	6.59
'Gudguads'.....	101,844	5,733.91	5.63	126,156	8,135.06	6.45	2,488,664	18,252,396.63	7.33
Modern Storages.....	531	160.59	30.27	1,066	405.32	38.02	13,110	495,831.35	37.82



ANNEX TABLE 8.6:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, North Shewa (Amhara) Zone.

Implements, Equipment, Draught animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Draught 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 .....	291,290	2,058.51	0.71	556,624	7,399.22	1.33	2,956,683	4,619,507.39	1.56
'Gejeras' .....	2,798	403.36	14.42	2,992	435.15	14.54	28,579	486,406.28	17.02
Shovels .....	73,480	2,038.09	2.77	76,587	2,225.42	2.91	607,205	2,154,177.88	3.55
Used for Cultivation									
Hoes .....	21,820	1,457.77	6.68	25,040	2,089.25	8.34	231,855	1,695,447.17	7.31
'Mekeskeshas' .....	6,291	1,067.72	16.97	7,573	1,527.93	20.18	54,803	963,114.70	17.57
Pick Axes .....	263,446	2,522.47	0.96	419,969	7,498.57	1.79	2,400,927	4,737,642.58	1.97
Tractors .....	70	34.20	48.67	88	42.24	48.26	*	*	*
Parts for traditional Plough									
'Degers' .....	250,988	2,048.04	0.82	442,340	6,615.89	1.50	920,281	1,914,670.56	2.08
'Erfes' (Handle) .....	249,397	2,053.56	0.82	408,354	5,584.92	1.37	497,721	1,065,390.01	2.14
Plough-Beams .....	252,590	2,081.39	0.82	414,706	4,659.79	1.12	3,708,816	7,703,165.21	2.08
Plough -Tips (Metal) .....	252,061	2,067.10	0.82	296,532	3,118.83	1.05	4,716,237	10,923,337.24	2.32
'Wegel' -Tips .....	251,352	2,074.51	0.83	292,996	3,175.13	1.08	1,152,669	1,825,679.82	1.58
Yokes .....	250,737	2,099.16	0.84	304,143	3,125.97	1.03	1,759,641	3,003,511.27	1.71
Used for Harvesting									
Sickles .....	300,307	1,942.02	0.65	698,017	7,796.39	1.12	3,072,758	4,649,686.56	1.51
Used for Threshing									
Hay-Forks (Metal) .....	9,624	1,061.81	11.03	11,866	1,410.55	11.89	173,383	2,272,354.53	13.11
Hay-Forks (Wood) .....	180,446	2,782.28	1.54	281,137	5,448.37	1.94	1,351,514	4,056,904.11	3.00
Threshing Sticks .....	26,582	2,240.46	8.43	55,813	5,612.44	10.06	48,876	481,922.74	9.86
Winnowers (Metal) .....	1,311	242.53	18.51	1,526	308.73	20.24	13,881	351,965.74	25.36
Winnowers (Wood) .....	138,255	2,151.58	1.56	148,124	2,507.16	1.69	1,363,298	3,238,897.79	2.38
Other Farm Equipment									
Carts (Hauling) .....	199	79.98	40.11	241	101.36	42.10	*	*	*
Sprayers (Hand Operated) ..	3,130	386.97	12.36	3,925	514.20	13.10	773,091	13,909,927.34	17.99
Sprayers (Power Operated) ..	-	-	-	-	-	-	-	-	-
Tying Tools .....	-	-	-	-	-	-	-	-	-
Wheelbarrows .....	142	54.89	38.68	142	54.89	38.68	*	*	*
Animals Used for Ploughing									
Asses .....	857	217.92	25.42	878	222.58	25.36	268,860	7,781,317.77	28.94
Camels .....	-	-	-	-	-	-	-	-	-
Horses .....	2,404	550.43	22.89	2,502	575.28	23.00	766,642	18,667,425.21	24.35
Mules .....	163	66.68	40.87	185	77.39	41.81	129,924	5,413,290.77	41.67
Oxen .....	243,190	2,165.85	0.89	458,706	25,891.95	5.64	292,629,826	409,396,634.84	1.40
Animals Used for Threshing or Transportation									
Asses .....	148,264	2,382.08	1.61	180,472	3,756.03	2.08	34,675,348	75,615,396.61	2.18
Camels .....	966	257.98	26.71	1,441	348.33	24.16	934,225	24,638,265.34	26.37
Cattle .....	258,341	2,201.03	0.85	641,292	16,064.34	2.50	382,882,978	615,820,271.93	1.61
Horses .....	18,281	1,437.98	7.87	23,866	2,486.29	10.42	5,933,840	54,354,816.17	9.16
Mules .....	5,575	483.35	8.67	5,612	484.87	8.64	4,584,252	57,498,115.75	12.54
Storage Structure									
'Debiginits' .....	170,337	3,431.42	2.01	316,833	7,684.07	2.43	988,121	4,056,831.90	4.11
'Gotteras' .....	228,260	3,772.63	1.65	479,512	11,078.24	2.31	7,448,901	28,762,408.08	3.86
'Gudguads' .....	45,029	2,291.44	5.09	53,511	2,869.39	5.36	1,518,189	11,941,278.91	7.87
Modern Storages .....	738	180.74	24.50	1,319	338.95	25.70	*	*	*



ANNEX TABLE 8.7:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, East Gojam Zone.

Implements, Equipment, Draught animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Draught 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 .....	315,299	3,847.85	1.22	561,723	11,877.09	2.11	3,572,957	16,828,458.57	4.71
'Gejeras' .....	3,503	509.80	14.55	3,934	592.37	15.06	39,807	716,073.52	17.99
Shovels .....	27,499	1,731.35	6.30	28,732	1,883.43	6.56	293,620	2,089,744.87	7.12
Used for Cultivation									
Hoes .....	34,465	4,281.84	12.42	58,493	8,369.33	14.31	226,061	3,086,022.24	13.65
'Mekeskeshas' .....	13,438	2,237.23	16.65	21,285	3,658.46	17.19	98,906	2,024,005.82	20.46
Pick Axes .....	75,463	4,737.56	6.28	98,220	7,166.99	7.30	732,668	4,571,537.42	6.24
Tractors .....	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers' .....	305,026	3,725.03	1.22	712,861	16,743.89	2.35	1,473,351	4,196,903.55	2.85
'Erfes' (Handle) .....	302,064	3,630.79	1.20	535,340	14,978.46	2.80	865,333	2,479,690.52	2.87
Plough-Beams .....	306,989	3,673.01	1.20	596,386	11,152.11	1.87	2,327,760	6,910,025.20	2.97
Plough -Tips (Metal) .....	299,591	3,753.00	1.25	357,955	5,910.05	1.65	7,916,657	16,904,271.89	2.14
'Wegel' -Tips .....	299,748	3,697.88	1.23	333,754	4,922.88	1.48	1,383,355	2,594,311.17	1.88
Yokes .....	301,627	3,712.45	1.23	361,336	5,804.32	1.61	2,467,273	5,769,934.36	2.34
Used for Harvesting									
Sickles .....	341,537	3,594.66	1.05	645,285	10,655.64	1.65	4,016,007	11,344,393.33	2.82
Used for Threshing									
Hay-Forks (Metal) .....	6,077	714.40	11.76	7,120	824.13	11.57	81,689	1,443,060.33	17.67
Hay-Forks (Wood) .....	236,800	3,820.97	1.61	407,120	9,060.86	2.23	1,036,967	3,141,546.88	3.03
Threshing Sticks .....	24,819	3,587.76	14.46	49,625	8,048.97	16.22	46,026	768,497.74	16.70
Winnowers (Metal) .....	881	202.31	22.98	881	202.31	22.98	6,250	218,272.61	34.93
Winnowers (Wood) .....	118,294	3,975.97	3.36	129,312	4,366.12	3.38	673,401	2,617,026.51	3.89
Other Farm Equipment									
Carts (Hauling) .....	212	99.92	47.21	212	99.92	47.21	*	*	*
Sprayers (Hand Operated) .....	1,074	208.85	19.44	1,319	287.07	21.77	153,438	5,696,019.68	37.12
Sprayers (Power Operated) .....	-	-	-	-	-	-	-	-	-
Tying Tools .....	-	-	-	-	-	-	-	-	-
Wheelbarrows .....	*	*	*	*	*	*	*	*	*
Animals Used for Ploughing									
Asses .....	1,364	387.27	28.40	1,901	584.94	30.76	648,360	18,425,962.10	28.42
Camels .....	-	-	-	-	-	-	-	-	-
Horses .....	3,557	1,063.71	29.90	4,049	1,236.81	30.55	1,619,201	51,250,240.63	31.65
Mules .....	*	*	*	*	*	*	*	*	*
Oxen .....	289,142	3,991.01	1.38	527,253	17,594.27	3.34	289,897,56	703,907,758.20	2.43
Animals Used for Threshing or Transportation									
Asses .....	107,577	3,197.84	2.97	143,461	14,493.92	10.10	22,208,633	78,127,545.34	3.52
Camels .....	*	*	*	*	*	*	*	*	*
Cattle .....	287,042	4,938.83	1.72	720,428	23,025.04	3.20	368,409,75	1,144,644,893.70	3.11
Horses .....	24,387	2,547.55	10.45	35,284	6,866.05	19.46	10,594,797	108,732,719.87	10.26
Mules .....	4,673	901.70	19.29	5,108	995.40	19.49	3,365,611	61,870,258.11	18.38
Storage Structure									
'Debiginits' .....	294,789	6,348.48	2.15	696,470	26,833.73	3.85	7,195,223	46,033,582.36	6.40
'Gotteras' .....	123,484	7,094.86	5.75	229,140	16,420.02	7.17	2,913,933	25,569,332.03	8.77
'Gudguads' .....	29,918	3,458.44	11.56	40,543	4,649.55	11.47	770,766	9,939,553.29	12.90
Modern Storages .....	731	212.37	29.04	1,207	359.13	29.76	*	*	*



ANNEX TABLE 8.8:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, West Gojam Zone.

Implements, Equipment, Draught animals and Storage facilities				Number of Implements, Equipment, Draught animals and Storages					
	Number of Holders						Total Value		
	Reporting	S.E	C.V	Reported	S.E	C.V	(Birr)	S.E	C.V
Used for Clearing Land									
Axes .....	319,267	4,023.05	1.26	576,878	10,419.44	1.81	3,188,907	7,792,685.77	2.44
'Gejeras' .....	7,247	891.74	12.31	7,997	994.50	12.44	52,109	723,120.62	13.88
Shovels .....	32,534	1,826.10	5.61	34,239	1,990.82	5.81	353,769	2,529,088.30	7.15
Used for Cultivation									
Hoes .....	47,268	4,962.02	10.50	92,036	15,913.34	17.29	318,558	3,565,562.87	11.19
'Mekeskeshas' .....	6,570	1,542.40	23.48	11,461	2,984.42	26.04	49,270	1,394,674.15	28.31
Pick Axes .....	40,707	3,283.47	8.07	51,202	4,929.98	9.63	383,787	2,989,249.55	7.79
Tractors .....	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers' .....	297,188	4,348.67	1.46	645,516	15,940.33	2.47	1,460,979	4,003,636.04	2.74
'Erfe's' (Handle) .....	294,016	4,339.47	1.48	512,688	13,637.82	2.66	907,032	4,105,448.88	4.53
Plough-Beams. ....	298,951	4,342.89	1.45	619,388	11,954.19	1.93	1,950,755	5,496,382.25	2.82
Plough -Tips (Metal) .....	291,077	4,199.08	1.44	328,422	5,143.55	1.57	6,816,664	16,172,083.33	2.37
'Wegel' -Tips .....	291,300	4,214.42	1.45	321,801	5,052.76	1.57	1,159,022	2,558,494.72	2.21
Yokes .....	293,932	4,323.09	1.47	345,584	5,560.23	1.61	2,263,719	6,569,569.54	2.90
Used for Harvesting									
Sickles.....	329,684	4,430.84	1.34	617,237	11,638.34	1.89	4,431,701	17,916,735.83	4.04
Used for Threshing									
Hay-Forks (Metal) .....	4,010	527.37	13.15	5,280	761.41	14.42	22,746	516,374.73	22.70
Hay-Forks (Wood) .....	241,391	4,502.15	1.87	436,666	10,957.10	2.51	910,895	3,185,442.55	3.50
Threshing Sticks .....	6,966	1,512.65	21.71	11,181	2,140.75	19.15	*	*	*
Winnowers (Metal) .....	1,622	338.39	20.86	2,093	478.37	22.86	11,845	285,059.75	24.07
Winnowers (Wood) .....	115,360	4,576.53	3.97	142,888	6,015.55	4.21	613,789	2,747,683.51	4.48
Other Farm Equipment									
Carts (Hauling) .....	517	188.24	36.43	630	232.71	36.96	*	*	*
Sprayers (Hand Operated) ....	1,936	356.08	18.39	2,856	625.71	21.91	242,388	8,429,017.16	34.77
Sprayers (Power Operated) .....	*	*	*	*	*	*	*	*	*
Tying Tools .....	-	-	-	-	-	-	-	-	-
Wheelbarrows.....	*	*	*	*	*	*	*	*	*
Animals Used for Ploughing									
Asses .....	835	235.87	28.24	1,116	367.03	32.90	457,749	17,785,699.25	38.85
Camels .....	-	-	-	-	-	-	-	-	-
Horses .....	5,775	1,338.49	23.18	7,944	2,142.94	26.97	2,713,047	71,627,008.73	26.40
Mules .....	784	351.12	44.81	821	355.96	43.35	515,479	24,479,279.11	47.49
Oxen.....	287,714	4,774.36	1.66	539,162	22,815.14	4.23	286,119,351	621,329,241.76	2.17
AnimalsUsed for Threshing or Transportation									
Asses .....	94,560	3,365.86	3.56	116,665	8,488.16	7.28	18,792,823	74,359,272.11	3.96
Camels .....	*	*	*	*	*	*	*	*	*
Cattle.....	301,100	4,737.17	1.57	936,376	39,679.23	4.24	430,033,519	1,133,895,071.27	2.64
Horses .....	11,240	1,713.00	15.24	14,400	2,468.34	17.14	4,858,669	83,317,176.33	17.15
Mules .....	6,319	927.53	14.68	6,632	983.43	14.83	4,236,054	65,688,193.55	15.51
Storage Structure									
'Debiginits' .....	341,949	5,894.57	1.72	1,110,660	21,914.61	1.97	9,497,079	70,167,686.08	7.39
'Gotterras' .....	26,242	3,962.49	15.10	47,847	9,724.74	20.32	610,847	13,832,378.96	22.64
'Gudguads' .....	1,986	380.16	19.14	6,396	1,483.30	23.19	48,051	1,359,840.75	28.30
Modern Storages.....	*	*	*	*	*	*	*	*	*



ANNEX TABLE 8.9:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, Waghamra Zone.

Implements, Equipment, Draught animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Draught 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 .....	60,358	2,030.53	3.36	87,019	4,143.87	4.76	743,205	4,637,164.58	6.24
'Gejeras' .....	50,430	2,174.45	4.31	55,076	2,493.19	4.53	446,964	2,842,124.39	6.36
Shovels .....	10,442	1,497.53	14.34	12,150	2,103.93	17.32	136,409	2,647,680.04	19.41
Used for Cultivation									
Hoes .....	7,802	1,687.76	21.63	9,058	1,945.36	21.48	69,466	1,750,905.04	25.21
'Mekeskeshas' .....	1,417	414.90	29.28	2,560	886.40	34.62	12,622	401,980.12	31.85
Pick Axes .....	42,532	2,887.99	6.79	52,754	4,265.15	8.08	359,051	3,514,920.47	9.79
Tractors .....	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers' .....	62,765	1,739.73	2.77	134,406	8,199.73	6.10	312,133	2,995,888.06	9.60
'Erfes' (Handle) .....	62,153	1,733.83	2.79	114,809	5,675.07	4.94	246,437	1,847,363.22	7.50
Plough-Beams .....	62,559	1,704.57	2.72	94,430	3,870.67	4.10	935,864	7,444,443.91	7.95
Plough -Tips (Metal) .....	62,046	1,759.12	2.84	74,658	2,901.40	3.89	1,292,733	7,786,847.26	6.02
'Wegel' -Tips .....	62,110	1,782.39	2.87	76,007	3,481.71	4.58	377,300	2,780,209.53	7.37
Yokes .....	62,112	1,753.80	2.82	84,636	3,324.26	3.93	524,217	3,861,978.42	7.37
Used for Harvesting									
Sickles .....	71,314	1,337.02	1.87	139,069	4,992.11	3.59	1,052,162	6,518,160.73	6.20
Used for Threshing									
Hay-Forks (Metal) .....	836	168.98	20.20	1,267	288.28	22.74	7,952	190,678.64	23.98
Hay-Forks (Wood) .....	57,111	1,888.94	3.31	109,546	4,850.42	4.43	439,954	3,151,787.05	7.16
Threshing Sticks .....	7,351	1,814.57	24.68	18,052	5,449.61	30.19	24,357	630,105.97	25.87
Winnowers (Metal) .....	242	105.55	43.66	242	105.55	43.66	1,082	50,537.30	46.70
Winnowers (Wood) .....	37,080	2,191.63	5.91	45,186	3,043.25	6.73	314,793	2,775,595.87	8.82
Other Farm Equipment									
Carts (Hauling) .....	*	*	*	*	*	*	*	*	*
Sprayers (Hand Operated) .....	*	*	*	152	74.71	49.17	*	*	*
Sprayers (Power Operated) .....	-	-	-	-	-	-	-	-	-
Tying Tools .....	-	-	-	-	-	-	-	-	-
Wheelbarrows .....	-	-	-	-	-	-	-	-	-
Animals Used for Ploughing									
Asses .....	392	158.65	40.51	487	219.78	45.16	139,105	6,799,541.92	48.88
Camels .....	*	*	*	*	*	*	*	*	*
Horses .....	-	-	-	-	-	-	-	-	-
Mules .....	-	-	-	-	-	-	-	-	-
Oxen .....	52,877	1,566.14	2.96	93,238	7,711.84	8.27	49,213,157	209,967,838.82	4.27
Animals Used for Threshing or Transportation									
Asses .....	21,958	1,709.66	7.79	28,552	2,570.20	9.00	5,895,241	69,741,305.58	11.83
Camels .....	-	-	-	-	-	-	-	-	-
Cattle .....	54,934	1,585.76	2.89	159,477	22,380.03	14.03	106,080,773	3,790,336,684.53	35.73
Horses .....	153	70.37	46.12	*	*	*	*	*	*
Mules .....	2,488	593.67	23.86	2,744	725.20	26.43	2,445,868	71,015,826.02	29.04
Storage Structure									
'Debiginits' .....	53,196	2,591.46	4.87	130,142	8,760.88	6.73	738,900	6,248,780.82	8.46
'Gotteras' .....	43,077	2,707.49	6.29	71,233	5,614.07	7.88	1,104,513	12,127,441.02	10.98
'Gudguads' .....	*	*	*	*	*	*	*	*	*
Modern Storages .....	78	35.09	44.99	121	58.69	48.53	963	45,034.40	46.77



ANNEX TABLE 8.10:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, Awi Zone.

Implements, Equipment, Draught animals and Storage facilities	Number of Holders			Number of Implements, Equipment, Draught 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.....	132,585	3,391.13	2.56	245,661	7,973.56	3.25	1,523,104	5,998,383.36	3.94
'Gejeras' .....	7,763	1,407.36	18.13	8,166	1,518.02	18.59	44,134	783,541.77	17.75
Shovels .....	21,656	1,301.40	6.01	22,003	1,340.18	6.09	229,936	1,768,472.99	7.69
Used for Cultivation									
Hoes.....	20,032	3,227.86	16.11	34,179	7,044.54	20.61	106,682	1,907,503.17	17.88
'Mekeskeshas' .....	4,018	1,023.73	25.48	5,818	1,564.70	26.89	12,869	295,771.24	22.98
Pick Axes.....	16,482	1,392.85	8.45	18,025	1,605.74	8.91	132,557	1,247,788.89	9.41
Tractors.....	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers' .....	117,265	3,058.18	2.61	229,128	7,739.54	3.38	403,042	1,628,304.34	4.04
'Erfes' (Handle) .....	116,307	3,181.46	2.74	194,944	20,610.32	10.57	185,077	923,895.48	4.99
Plough-Beams. ....	117,698	3,073.81	2.61	193,637	5,984.56	3.09	553,725	2,636,095.95	4.76
Plough -Tips (Metal) .....	117,493	3,093.58	2.63	136,795	3,749.88	2.74	1,750,915	7,623,890.37	4.35
'Wegel' -Tips .....	118,191	3,122.89	2.64	137,980	3,789.20	2.75	400,407	1,570,619.54	3.92
Yokes.....	116,443	2,950.43	2.53	149,501	4,097.32	2.74	417,368	1,801,776.09	4.32
Used for Harvesting									
Sickles .....	138,607	3,279.80	2.37	320,313	8,208.77	2.56	1,234,157	10,260,260.83	8.31
Used for Threshing									
Hay-Forks (Metal) .....	1,611	314.45	19.52	2,312	463.43	20.04	10,062	267,736.64	26.61
Hay-Forks (Wood) .....	101,510	2,564.03	2.53	199,967	6,936.93	3.47	329,467	1,801,533.92	5.47
Threshing Sticks.....	2,304	742.86	32.25	3,450	1,108.80	32.14	5,695	147,466.58	25.89
Winnowers (Metal) .....	140	69.17	49.24	140	69.17	49.24	*	*	*
Winnowers (Wood) .....	10,643	1,623.87	15.26	14,952	2,480.87	16.59	48,754	1,154,071.20	23.67
Other Farm Equipment									
Carts (Hauling) .....	*	*	*	*	*	*	*	*	*
Sprayers (Hand Operated) .....	214	86.71	40.48	319	136.20	42.63	*	*	*
Sprayers (Power Operated) .....	-	-	-	-	-	-	-	-	-
Tying Tools .....	*	*	*	*	*	*	*	*	*
Wheelbarrows .....	-	-	-	-	-	-	-	-	-
Animals Used for Ploughing									
Asses.....	6,152	1,495.31	24.31	8,408	2,144.18	25.50	2,794,959	73,135,520.50	26.17
Camels.....	-	-	-	-	-	-	-	-	-
Horses.....	23,142	2,199.69	9.51	40,319	4,045.30	10.03	12,879,812	137,677,575.44	10.69
Mules.....	453	143.01	31.56	481	149.83	31.12	316,902	9,589,916.00	30.26
Oxen .....	88,050	3,149.84	3.58	170,045	9,159.19	5.39	87,353,288	405,873,975.98	4.65
AnimalsUsed for Threshing or Transportation									
Asses.....	23,385	1,713.06	7.33	29,621	2,337.86	7.89	5,174,949	39,273,152.22	7.59
Camels.....	-	-	-	-	-	-	-	-	-
Cattle .....	110,186	2,893.03	2.63	360,574	31,130.16	8.63	153,317,794	731,680,890.14	4.77
Horses.....	31,246	2,597.04	8.31	57,311	6,811.46	11.89	16,706,263	151,540,867.25	9.07
Mules .....	2,275	444.27	19.53	2,530	502.00	19.85	1,756,446	38,432,958.78	21.88
Storage Structure									
'Debiginitis'.....	127,643	3,996.98	3.13	382,077	15,435.75	4.04	2,460,344	12,092,427.75	4.91
'Gotteras'.....	27,305	4,328.05	15.85	49,668	8,766.09	17.65	427,107	8,240,071.80	19.29
'Gudguads' .....	824	278.42	33.80	1,428	435.91	30.52	7,124	273,082.50	38.33
Modern Storages .....	456	183.92	40.29	918	378.06	41.17	*	*	*



ANNEX TABLE 8.11:- Standard Errors and Coefficient of Variation For the Number of Holders Reporting, Quantity Reported and Total Value, for Private Holdings, Oromia Zone.

Implements, Equipment, Draught animals and Storage facilities				Number of Implements, Equipment, Draught animals and Storages					
	Number of Holders						Total Value		
	Reporting	S.E	C.V	Reported	S.E	C.V	(Birr)	S.E	C.V
Used for Clearing Land									
Axes.....	66,758	1,620.48	2.43	128,415	3,988.14	3.11	627,875	2,626,583.49	4.18
'Gejeras' .....	2,932	336.20	11.47	3,007	341.45	11.35	30,690	448,794.93	14.62
Shovels .....	19,278	1,094.04	5.68	20,403	1,204.51	5.90	178,877	1,107,651.23	6.19
Used for Cultivation									
Hoes.....	33,963	2,013.61	5.93	43,389	2,742.46	6.32	269,531	1,954,454.02	7.25
'Mekeskeshas' .....	1,137	282.78	24.87	1,423	334.09	23.48	11,034	380,946.17	34.52
Pick Axes .....	44,127	1,847.89	4.19	57,037	2,796.12	4.90	300,286	2,184,922.10	7.28
Tractors .....	-	-	-	-	-	-	-	-	-
Parts for traditional Plough									
'Degers' .....	52,852	1,588.41	3.01	95,108	4,740.20	4.98	183,726	981,319.19	5.34
'Erfes' (Handle) .....	52,448	1,616.71	3.08	74,616	4,296.64	5.76	85,348	726,143.49	8.51
Plough-Beams. ....	52,605	1,560.60	2.97	66,208	2,116.80	3.20	972,016	4,857,610.68	5.00
Plough -Tips (Metal) .....	53,038	1,604.89	3.03	57,267	1,823.58	3.18	909,904	4,691,373.75	5.16
'Wegel' -Tips .....	52,873	1,622.82	3.07	57,171	1,789.24	3.13	234,870	962,529.78	4.10
Yokes.....	52,951	1,645.78	3.11	61,381	2,048.24	3.34	349,394	1,870,679.01	5.35
Used for Harvesting									
Sickles .....	66,575	1,545.58	2.32	129,849	3,869.85	2.98	606,477	3,024,936.16	4.99
Used for Threshing									
Hay-Forks (Metal) .....	442	120.95	27.39	582	182.53	31.37	3,746	119,032.29	31.77
Hay-Forks (Wood) .....	26,212	1,528.58	5.83	43,630	3,300.04	7.56	115,019	958,909.52	8.34
Threshing Sticks.....	11,321	1,580.80	13.96	49,524	6,858.93	13.85	38,140	605,105.37	15.87
Winnowers (Metal) .....	172	57.66	33.60	283	139.88	49.42	2,128	84,150.08	39.55
Winnowers (Wood) .....	22,461	1,409.73	6.28	30,861	2,079.37	6.74	246,189	1,988,954.51	8.08
Other Farm Equipment									
Carts (Hauling) .....	*	*	*	*	*	*	*	*	*
Sprayers (Hand Operated) .....	168	51.61	30.79	205	71.14	34.68	*	*	*
Sprayers (Power Operated) .....	-	-	-	-	-	-	-	-	-
Tying Tools.....	-	-	-	-	-	-	-	-	-
Wheelbarrows .....	*	*	*	*	*	*	*	*	*
Animals Used for Ploughing									
Asses.....	*	*	*	*	*	*	*	*	*
Camels.....	-	-	-	-	-	-	-	-	-
Horses.....	-	-	-	-	-	-	-	-	-
Mules.....	-	-	-	-	-	-	-	-	-
Oxen .....	48,258	1,637.65	3.39	84,188	3,481.85	4.14	59,418,703	259,105,357.77	4.36
AnimalsUsed for Threshing or Transportation									
Asses.....	15,887	1,177.04	7.41	17,485	1,301.35	7.44	3,274,250	24,922,481.79	7.61
Camels.....	2,956	352.94	11.94	4,266	534.52	12.53	4,135,509	51,596,540.16	12.48
Cattle .....	48,634	1,594.44	3.28	95,659	4,576.12	4.78	64,290,245	286,127,920.53	4.45
Horses.....	-	-	-	-	-	-	-	-	-
Mules.....	196	72.81	37.21	196	72.81	37.21	103,852	4,063,785.94	39.13
Storage Structure									
'Debiginits'.....	15,400	1,878.47	12.20	23,538	3,102.49	13.18	113,609	1,576,378.11	13.88
'Gotteras' .....	19,048	1,776.93	9.33	22,658	2,184.29	9.64	417,661	5,007,007.11	11.99
'Gudguads' .....	48,035	2,213.52	4.61	53,167	2,719.98	5.12	1,517,019	11,084,774.64	7.31
Modern Storages .....	*	*	*	*	*	*	*	*	*