# **National Sample Census of Agriculture**

Nepal

2011/12

## Syangja

Government of Nepal

National Planning Commission Secretariat

Central Bureau of Statistics Kathmandu,

Nepal

December 2013

#### **AREA CONVERSION**

1 Hectare = 19.657178 ropanis

= 1.476569 bighas

= 78.628715 matomuris

= 2.471065 acres

Area less than 0.1 ha is not shown in tables

#### **ROUNDING OF FIGURES**

Some figures have been rounded off to the nearest final digit. This may result in a slight discrepancy between the sum of the individual item and the total as shown in the table.

Sufficiently precise estimates have been obtained for major characteristics covered in the census. However, due to the inherent properties of the sampling, the same cannot be said for those items which are either minor or location specific in the district.

#### **Preface**

The Central Bureau of Statistics (CBS) in Nepal participates in the World Census of Agriculture as advocated by the FAO (Food and Agriculture Organization of the United Nations) for its member nations every ten years. The Census of Agriculture is conducted to measure actual agricultural conditions, particularly the structural aspects, of agriculture in the country.

This report primarily represents the findings of the Census of Agriculture conducted in Fiscal Year 2011/2012. This is the sixth decennial Census of Agriculture undertaken by Nepal. This report consists of two main sections. The first section consists of 32 statistical tables for each of the districts based on the census data. The second section provides information about methodology; definitions about various variables of the census, quality control, interpretation of data and dissemination of census data.

For those interested to know the sampling strategy adopted in the Census of Agriculture, it would be worthwhile to mention here that the sampling frame used is derived from the household schedule of the National Population and Housing Census 2011 which contains information about the holdings of agricultural land and livestock. The livestock population can thus be considered as a total count as it was taken along with the National Population and Housing Census. For the first time, the agricultural census of Nepal introduced community level questions and also collected data on the production of the major crops.

I am thankful to Mr. Suman Aryal, Deputy Director General of the CBS for his overall guidance and management of the census. Mr. Ambika Bashyal and Mr.Birendra Kumar Kayastha, Directors of the section deserve special thanks for their prime role in the overall census processes. I would like to thank Director Mr. Badri Kumar Karki and Mr. Jay Kumar Sharma and Statistical Officers Mr. Prithivi Bijaya Raj Sijapati, Mr. Kishor K C, Mr. Ganesh Phuyal, Mr. Govinda Dhungana, Mr. Kapil Dhital and also, Mr. Lila Nath Pandey, Mr. Dol Narayan Shrestha, Mr. Raju Pokharel Computer Officers. Similarly, the team of all the district agriculture census offices deserves thanks for their contribution in the fieldwork of the census operation. I also thank the then Deputy Director General Prabodh Sagar Dhakal for his hard work and dedication in the planning and fieldwork of the census.

Special thanks go to all respondent households of Nepal for providing information to the field staff of the bureau. Without their generous support, this census would not have been conducted efficiently.

Finally, I would like to express my gratitude to the Hon'ble Vice Chairman, Member Secretary of the National Planning Commission and also to other members of the Steering Committee, Technical Committee and all other well-wishers whose guidance and suggestions helped to make this census a grand success. I hope that the results will be useful for planners, policy makers, administrators, researchers, students, experts and other users.

Bikash Bista

January 27, 2014

Director General, Central Bureau of Statistics

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#### **SYANGJA**

Table 1. Number, area and fragmentation of holdings by total area of holding

		Hold	lings		Fragmentation									
Total area of holding	Number		Area (ha)		Total no. of	Average no.	Number of holdings consisting of parcels							
	Number	Wet	Dry	Total	parcels	of parcels	1	2-3	4-5	6-9	10 and over			
Holding without land	352		13.4	13.4	381	1.1	323	29						
Holding with land	57,261	9,232.1	20,205.0	29,437.2	282,700	4.9	3,167	15,276	20,025	15,012	3,782			
Under 0.1 ha	3,987	26.6	212.6	239.2	6,831	1.7	2,140	1,525	293	29				
0.1 ha and Under 0.2 ha	7,037	255.3	816.7	1,071.9	21,139	3.0	704	4,046	1,964	323				
0.2 ha and Under 0.5 ha	23,368	2,664.4	5,487.5	8,151.9	106,401	4.6	264	7,389	9,998	5,131	586			
0.5 ha and Under 1 ha	17,152	4,069.7	7,809.4	11,879.1	103,615	6.0	29	2,052	6,421	7,007	1,642			
1 ha and Under 2 ha	5,307	2,053.6	4,802.1	6,855.8	41,106	7.7	29	264	1,319	2,258	1,437			
2 ha and Under 3 ha	293	125.1	558.7	683.8	2,668	9.1			29	176	88			
3 ha and Under 4 ha	88	37.3	277.3	314.6	733	8.3				59	29			
4 ha and Under 5 ha														
5 ha and Under 10 ha	29		240.9	240.9	205	7.0				29				
10 ha and over														
Total	57,613	9,232.1	20,218.5	29,450.6	283,081	4.9	3,489	15,305	20,025	15,012	3,782			

Remarks: Holdings having area under crops less than 0.01355 ha (8 Dhurs) in Terai or 0.01272 ha (4 Aanas) in Hilly and Mountainous region are included in the category 'Holdings without land'.

Details may not add up to totals due to rounding.

Table 2. Number, area of holdings by tenure and size

		Tenure forms										
	Holdings				One tenu	More than one tenure forms						
Total area of holding			Owned		Rented from others		Other tenure forms		No. of		Area (ha)	
	Number	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	holdings	Owned	Rented	Other tenure
Holding without land	352	13.4	352	13.4								
Holding with land	57,261	29,437.2	46,061	23,465.4	147	62.0	176	23.9	10,878	3,498.2	2,319.5	68.2
Under 0.1 ha	3,987	239.2	3,518	210.5	29	1.5	59	3.8	381	9.7	13.2	0.4
0.1 ha and under 0.2 ha	7,037	1,071.9	5,688	865.2	29	5.4	59	7.3	1,261	94.7	93.6	5.7
0.2 ha and under 0.5 ha	23,368	8,151.9	18,178	6,338.8	59	21.6	59	12.8	5,072	1,029.6	727.2	21.9
0.5 ha and under 1 ha	17,152	11,879.1	14,103	9,739.4					3,049	1,330.2	794.2	15.2
1 ha and under 2 ha	5,307	6,855.8	4,251	5,510.8	29	33.4			1,026	850.4	436.2	25.0
2 ha and under 3 ha	293	683.8	264	600.3					29	79.1	4.5	
3 ha and under 4 ha	88	314.6	59	200.3					29	23.3	91.0	
4 ha and under 5 ha												
5 ha and under 10 ha	29	240.9							29	81.3	159.6	í
10 ha and over												
Total	57,613 29,450.6 46,413 23				147	62.0	176	23.9	10,878	3,498.2	2,319.5	68.2

Table 2a. Number, area of holdings by tenure and size

							Under one	tenure for	m - rented	from others	5				
Total area of holding	Number of	Total		Rented for fixed amount of money		Rented for fixed quantity of		Rented for share of production		Rented in for se			ed for gage		rental ements
	holdings	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	352														
Holding with land	57,261	147	62.0			59	0.7	59	20.9	29	33.4	59	6.9		
Under 0.1 ha	3,987	29	1.5									29	1.5		
0.1 ha and under 0.2 ha	7,037	29	5.4									29	5.4		
0.2 ha and under 0.5 ha	23,368	59	21.6			59	0.7	59	20.9						
0.5 ha and under 1 ha	17,152														
1 ha and under 2 ha	5,307	29	33.4							29	33.4				
2 ha and under 3 ha	293														
3 ha and under 4 ha	88														
4 ha and under 5 ha															
5 ha and under 10 ha	29														
10 ha and over															
Total	57,613	147	62.0			59	0.7	59	20.9	29	33.4	59	6.9		

Table 2b. Number, area of holdings by tenure forms and size

						Under n	nore than or	ne tenure f	orms ren	ted from o	thers				
Total area of holding	No. of holdings	Total		Rented for fixed amount of money			Rented for fixed quantity of		Rented for share of production		ed in nge for	_	ed for tgage	Other arrange	
	0	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	352														<u> </u>
Holding with land	57,261	10,291	2,319.5	1,671	461.3	616	123.1	3,167	694.2	117	5.2	5,160	900.6	616	135.1
Under 0.1 ha	3,987	352	13.2	59	0.6	59	0.7	147	10.2			88	1.8		
0.1 ha and under 0.2 ha	7,037	1,173	93.6	117	11.3	88	11.9	410	31.3	29	1.5	410	31.1	147	6.5
0.2 ha and under 0.5 ha	23,368	4,838	727.2	821	114.9	235	29.1	1,554	257.4	29	0.7	2,521	319.4	205	5.7
0.5 ha and under 1 ha	17,152	2,932	794.2	410	82.5	205	48.5	762	289.3	59	3.0	1,613	349.4	205	21.5
1 ha and under 2 ha	5,307	909	436.2	235	125.3			293	106.0			498	194.4	29	10.4
2 ha and under 3 ha	293	29	4.5									29	4.5		
3 ha and under 4 ha	88	29	91.0											29	91.0
4 ha and under 5 ha															
5 ha and under 10 ha	29	29	159.6	29	126.8	29	32.8								
10 ha and over															
Total	57,613	10,291	2,319.5	1,671	461.3	616	123.1	3,167	694.2	117	5.2	5,160	900.6	616	135.1

Table 3. Number, area and land use by total area of holding

	То	tal				Agricult	ural land						
						Crop	land						
Total area of holding				Arable land									
3	No. of holdings	Area (ha)	Land under ter	mporary crops	Area under mead		Land under temporary fallow		Total ara	able land			
			No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)			
Holding without land	352	13.4	176	0.8	29	8.9			176	9.7			
Holding with land	57,261	29,437.2	57,115	17,595.8	2,961	183.1	9,939	939.2	57,144	18,718.1			
Under 0.1 ha	3,987	239.2	3,900	155.3	59	0.6	235	3.4	3,929	159.3			
0.1 ha and under 0.2 ha	7,037	1,071.9	7,037	748.5	205	6.4	293	11.7	7,037	766.7			
0.2 ha and under 0.5 ha	23,368	8,151.9	23,309	5,378.6	1,056	44.8	2,932	146.7	23,309	5,570.2			
0.5 ha and under 1 ha	17,152	11,879.1	17,152	7,165.4	1,173	77.7	4,193	394.0	17,152	7,637.0			
1 ha and under 2 ha	5,307	6,855.8	5,307	3,753.7	440	43.9	2,170	312.4	5,307	4,110.0			
2 ha and under 3 ha	293	683.8	293	284.7			88	26.1	293	310.8			
3 ha and under 4 ha	88	314.6	88	70.5	29	9.7			88	80.2			
4 ha and under 5 ha													
5 ha and under 10 ha	29	240.9	29	39.2			29	44.7	29	83.9			
10 ha and over													
Total	57,613	29,450.6	57,290	17,596.6	2,991	192.0	9,939	939.2	57,320	18,727.8			

Table 3. Number, area and land use by total area of holding (Continued)

			Agricultu								
T	Crop	land	Permanent n	neadows and	Forest and oth	or Woodland	Ро	nds	All other land		
Total area of holding	Land under pe	rmanent crops	pas	ture	Forest and ou	iei woodiand					
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	
Holding without land	29	0.2							323	3.5	
Holding with land	41,575	7,002.5	3,430	253.8	18,501	1,970.7	293	8.7	56,294	1,483.4	
Under 0.1 ha	938	19.1	88	1.1	117	0.8			3,929	58.8	
0.1 ha and under 0.2 ha	3,489	142.6	147	7.1	645	22.0			6,949	133.5	
0.2 ha and under 0.5 ha	17,064	1,634.0	1,261	63.0	6,568	321.7	59	0.3	22,840	562.8	
0.5 ha and under 1 ha	14,718	2,805.1	1,173	88.1	7,535	823.0	176	6.6	16,947	519.3	
1 ha and under 2 ha	4,955	1,797.0	762	94.5	3,342	657.0	59	1.9	5,219	195.3	
2 ha and under 3 ha	293	286.3			205	77.6			293	9.1	
3 ha and under 4 ha	88	162.4			88	68.6			88	3.4	
4 ha and under 5 ha											
5 ha and under 10 ha	29	155.9								1.1	
10 ha and over											
Total	41,605	7,002.7	3,430	253.8	18,501	1,970.7	293	8.7	56,616	1,486.9	

Table 4. Number, area, number of holdings reporting and area irrigated by source of irrigation by total area of holding

	To	otal						So	ource of ir	rigation						
T			No. of			River/lal	ce/pond		Dom/re	eservoir	Tube we	II/boring	Oth	oro	Mixe	od
Total area of holding	No. of holdings	Area (ha)	No. of holdings	Area (ha)	Ву д	ravity	Pum	ping	Dalli/le	SELVOII	Tube we	ii/borii ig	Oili	EIS	IVIIX	eu
	go		reporting		No. of holdings	Area (ha)	No. of holdings	Area (ha)								
Holding without land	352	13.4			<u> </u>		J	, ,	J		J	, ,			J	,
Holding with land	57,261	29,437.2	39,230	8,574.4	34,392	7,399.9	850	25.2	3,372	484.3			5,014	611.9	293	53.1
Under 0.1 ha	3,987	239.2	909	29.6	469	17.3	29	0.2	147	5.7			293	6.5		
0.1 ha and under 0.2 ha	7,037	1,071.9	3,254	239.0	2,785	199.2			205	17.1			469	17.8	59	4.8
0.2 ha and under 0.5 ha	23,368	8,151.9	16,243	2,514.7	14,279	2,236.0	264	9.6	1,085	102.4			1,818	145.3	147	21.5
0.5 ha and under 1 ha	17,152	11,879.1	14,220	3,809.8	12,725	3,333.3	440	8.0	1,349	221.9			1,525	237.7	29	8.9
1 ha and under 2 ha	5,307	6,855.8	4,251	1,856.5	3,870	1,511.4	117	7.4	557	135.0			792	184.8	59	17.9
2 ha and under 3 ha	293	683.8	235	86.9	176	66.2			29	2.2			88	18.5		
3 ha and under 4 ha	88	314.6	88	37.8	59	36.3							29	1.5		
4 ha and under 5 ha																
5 ha and under 10 ha	29	240.9	29	0.2	29	0.2										
10 ha and over		·														
Total	57,613	29,450.6	39,230	8,574.4	34,392	7,399.9	850	25.2	3,372	484.3			5,014	611.9	293	53.1

Table 4a. Number, area, number of holdings reporting and payment terms (on area or time basis) for irrigation by total area of holding

	То	tal					Payment term	s for Irrigation				
					Did not no	y for water			Paid fo	or water		
Total area of holding	No. of holdings	Area (ha)	No. of holdings	Area (ha)	Did not pay	y for water	On are	a basis	On tim	e basis	Otl	ner
	noidingo		reporting		No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	352	13.4										
Holding with land	57,261	29,437.2	39,230	8,574.4	35,799	7,213.5	2,991	715.1	3,225	627.9	235	17.9
Under 0.1 ha	3,987	239.2	909	29.6	792	22.2			147	7.4		
0.1 ha and under 0.2 ha	7,037	1,071.9	3,254	239.0	2,961	206.6	235	19.4	235	11.6	29	1.5
0.2 ha and under 0.5 ha	23,368	8,151.9	16,243	2,514.7	14,689	2,092.9	997	162.2	1,466	255.2	88	4.5
0.5 ha and under 1 ha	17,152	11,879.1	14,220	3,809.8	13,018	3,149.0	1,349	381.9	1,114	273.6	59	5.2
1 ha and under 2 ha	5,307	6,855.8	4,251	1,856.5	3,987	1,633.6	352	136.0	264	80.2	59	6.7
2 ha and under 3 ha	293	683.8	235	86.9	235	71.2	59	15.7				
3 ha and under 4 ha	88	314.6	88	37.8	88	37.8						
4 ha and under 5 ha												
5 ha and under 10 ha	29	240.9	29	0.2	29	0.2						
10 ha and over												
Total	57,613	29,450.6	39,230	8,574.4	35,799	7,213.5	2,991	715.1	3,225	627.9	235	17.9

Table 5. Number, area of holdings and crop stand by total area of holding

	То	tal		Crops unde	r pure stand			Crops under	mixed stand		A i - t	
Total area of holding	No. of		Temp	orary	Perm	anent	Temp	orary	Perm	anent	Associate	ea crops
	holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	205	1.9	176	1.5	29	0.2	29	0.2				
Holding with land	57,261	41,189.1	56,997	33,519.5	41,106	6,836.9	7,682	582.6	2,727	138.8	1,261	111.4
Under 0.1 ha	3,987	352.2	3,900	328.2	880	18.3	264	4.9	59	0.8		
0.1 ha and under 0.2 ha	7,037	1,695.5	7,037	1,538.4	3,401	137.3	323	12.3	117	3.7	29	3.9
0.2 ha and under 0.5 ha	23,368	12,215.2	23,250	10,358.8	16,829	1,600.4	3,167	167.5	704	20.3	645	68.1
0.5 ha and under 1 ha	17,152	16,791.9	17,093	13,779.9	14,630	2,756.9	2,815	192.1	1,202	41.6	440	21.4
1 ha and under 2 ha	5,307	8,819.2	5,307	6,841.7	4,955	1,744.0	1,026	167.8	586	47.8	147	17.9
2 ha and under 3 ha	293	828.5	293	534.4	293	261.7	59	7.8	59	24.6		
3 ha and under 4 ha	88	291.6	88	129.2	88	162.4						
4 ha and under 5 ha												
5 ha and under 10 ha	29	195.0	29	8.9	29	155.9	29	30.3				
10 ha and over												
Total	57,466	41,191.0	57,173	33,520.9	41,135	6,837.1	7,711	582.8	2,727	138.8	1,261	111.4

Table 6. Number, area of holdings, number of holdings reporting and land under temporary crops by size

Total area of holding	Cerea	al grains	Legumino	ous grains		and bulb ops	Oil se	eeds	Cash	crops	Spi	ces	Vegeta	ables	Tempora cro	ary grass pps
rotal area of floiding	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)								
Holding without land	88	0.6			29	0.0					59	0.3	176	0.8		
Holding with land	56,323	29,809.9	23,426	1,585.5	30,522	778.1	8,796	624.6	1,349	12.4	25,156	376.9	43,628	843.8	2,785	155.6
Under 0.1 ha	3,548	255.6	762	7.9	1,671	24.7	235	6.5	59	0.6	1,290	8.7	2,961	27.8	147	1.5
0.1 ha and Under 0.2 ha	6,802	1,356.4	1,290	25.5	2,727	47.9	704	28.3	176	1.9	2,375	21.3	5,219	67.1	235	4.5
0.2 ha and under 0.5 ha	23,104	9,217.7	9,001	402.7	12,197	292.4	3,372	203.9	557	3.4	9,822	109.2	16,800	301.4	1,114	50.4
0.5 ha and under 1 ha	17,152	12,273.0	8,972	679.8	10,496	299.4	3,254	252.5	469	5.3	8,737	149.9	13,810	258.8	1,056	68.1
1 ha and under 2 ha	5,307	6,088.4	3,137	436.3	3,167	103.9	1,114	105.4	88	1.2	2,697	78.0	4,486	178.0	235	31.0
2 ha and under 3 ha	293	495.0	147	6.2	176	4.5	88	27.6			147	3.1	235	5.8		
3 ha and under 4 ha	88	97.3	88	19.4	88	5.2	29	0.4			59	2.2	88	4.6		
4 ha and under 5 ha																
5 ha and under 10 ha	29	26.6	29	7.7							29	4.5	29	0.4		
10 ha and over																
Total	56,411	29,810.5	23,426	1,585.5	30,551	778.1	8,796	624.6	1,349	12.4	25,215	377.2	43,803	844.6	2,785	155.6

Table 6a. Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding

Total and of holding	Early	paddy	Main	paddy	Upland	paddy	WI	heat	Ma	nize	МІ	lets	Barley/nak	ed barley	Buckv	vheat	Other ce	ereals
Total area of holding	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land			29	0.1					59	0.2	59	0.2						
Holding with land	6,011	965.0	35,301	8,070.8	733	78.1	17,738	2,342.9	55,502	11,952.8	46,647	6,350.0	264	6.7	938	42.2	88	1.4
Under 0.1 ha	88	2.1	498	16.7	29	0.2	147	4.7	3,430	129.9	2,785	102.1						
0.1 ha and Under 0.2 ha	381	17.9	2,580	207.7	88	3.9	1,261	76.3	6,509	599.6	5,571	450.6	29	0.2	29	0.2		
0.2 ha and under 0.5 ha	2,639	325.1	14,601	2,394.5	176	13.1	6,626	610.5	22,840	3,678.0	18,999	2,180.6	117	2.4	264	12.4	59	1.0
0.5 ha and under 1 ha	2,258	407.7	13,164	3,559.4	323	42.8	7,271	1,104.4	17,035	4,826.7	14,396	2,308.1	88	3.7	498	19.8	29	0.4
1 ha and under 2 ha	586	201.5	4,105	1,760.2	88	7.6	2,287	511.6	5,278	2,439.9	4,574	1,157.3	29	0.4	147	9.9		
2 ha and under 3 ha	59	10.8	264	107.6			88	24.6	293	211.4	293	140.6						
3 ha and under 4 ha			88	24.6	29	10.4	59	10.8	88	40.6	29	10.8						
4 ha and under 5 ha																		
5 ha and under 10 ha									29	26.6								
10 ha and over																		
Total	6,011	965.0	35,330	8,070.9	733	78.1	17,738	2,342.9	55,561	11,953.0	46,706	6,350.3	264	6.7	938	42.2	88	1.4

Table 6b. Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding

Total area of holding	Soya	abean	Black	gram	Red	gram	Grass	s pea	Lei	ntil	Gran	n pea	Р	ea	Green	gram	Horse	gram	Cow	pea	Other leg	guminous
Total area of Holding	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holding	Area (ha)	No. of holdings	Area (ha)	No. of holding	Area (ha)	No. of holding	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)						
Holding without land																						
Holding with land	3,929	92.1	6,245	149.1	968	4.5			1,466	82.4	498	12.4	3,753	138.8			5,219	382.1	9,001	143.2	7,623	580.9
Under 0.1 ha	88	0.6	205	0.5							29	0.5	117	0.3			29	1.5	323	1.4	117	3.2
0.1 ha and Under 0.2 ha	323	3.1	323	2.5	59	0.3			29	0.2	29	1.5	323	4.7			147	5.4	381	3.2	293	4.7
0.2 ha and under 0.5 ha	1,466	26.2	2,727	54.1	352	1.2			381	25.1	235	5.1	1,437	45.8			1,701	88.8	3,518	50.1	2,932	106.4
0.5 ha and under 1 ha	1,407	39.0	2,287	59.6	440	2.0			762	38.6	176	4.6	1,349	58.2			2,316	177.3	3,636	65.7	2,756	234.8
1 ha and under 2 ha	616	23.0	674	30.1	117	1.1			264	18.2	29	0.7	440	28.3			997	107.3	1,026	21.0	1,407	206.6
2 ha and under 3 ha	29	0.2	29	2.2									59	0.3			29	1.9	88	1.2	59	0.4
3 ha and under 4 ha									29	0.4			29	1.1							29	17.9
4 ha and under 5 ha																						
5 ha and under 10 ha																			29	0.7	29	7.0
10 ha and over																						
Total	3,929	92.1	6,245	149.1	968	4.5			1,466	82.4	498	12.4	3,753	138.8			5,219	382.1	9,001	143.2	7,623	580.9

Table 6c. Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding

-								
Total area of holding	Pot	tato	Sweet	potato	Colo	casia	Other tuber	s and bulbs
Total area of holding	No. of holdings	Area (ha)						
Holding without land	29	0.0						
Holding with land	26,534	682.7	674	8.7	8,151	83.9	469	2.8
Under 0.1 ha	1,554	23.8			176	0.9		
0.1 ha and Under 0.2 ha	2,228	42.8	29	0.7	792	4.4		
0.2 ha and under 0.5 ha	10,350	260.3	264	3.9	2,991	27.0	176	1.3
0.5 ha and under 1 ha	9,382	262.9	352	3.7	3,137	31.8	235	1.0
1 ha and under 2 ha	2,756	83.6	29	0.4	1,026	19.5	59	0.4
2 ha and under 3 ha	176	4.2			29	0.4		
3 ha and under 4 ha	88	5.2						
4 ha and under 5 ha								
5 ha and under 10 ha								
10 ha and over								
Total	26,564	682.8	674	8.7	8,151	83.9	469	2.8

Table 6d. Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding

Mus	tard	Grour	nd nut	Lins	seed	Ses	ame	Niger	seed	Other oils	eed crops
No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
8,004	593.6	176	3.2	410	21.0	235	1.4	59	0.9	147	4.5
235	6.5										
586	27.8	59	0.2			59	0.4				
3,137	197.0	88	0.1	147	6.0	88	0.7	29	0.1		
2,961	235.8	29	3.0	205	11.7	29	0.0	29	0.7	88	1.3
997	99.0			29	3.0	59	0.3			59	3.2
88	27.6										
				29	0.4						
8,004	593.6	176	3.2	410	21.0	235	1.4	59	0.9	147	4.5
	No. of holdings  8,004  235  586  3,137  2,961  997  88	8,004     593.6       235     6.5       586     27.8       3,137     197.0       2,961     235.8       997     99.0       88     27.6	No. of holdings         Area (ha)         No. of holdings           8,004         593.6         176           235         6.5         59           3,137         197.0         88           2,961         235.8         29           997         99.0         88           27.6         27.6         27.6	No. of holdings         Area (ha)         No. of holdings         Area (ha)           8,004         593.6         176         3.2           235         6.5             586         27.8         59         0.2           3,137         197.0         88         0.1           2,961         235.8         29         3.0           997         99.0             88         27.6	No. of holdings         Area (ha)         No. of holdings         Area (ha)         No. of holdings           8,004         593.6         176         3.2         410           235         6.5	No. of holdings         Area (ha)         No. of holdings         Area (ha)         No. of holdings         Area (ha)           8,004         593.6         176         3.2         410         21.0           235         6.5              586         27.8         59         0.2            3,137         197.0         88         0.1         147         6.0           2,961         235.8         29         3.0         205         11.7           997         99.0         29         3.0           88         27.6          29         0.4	No. of holdings         Area (ha)         No. of holdings         Area (ha)         No. of holdings         Area (ha)         No. of holdings           8,004         593.6         176         3.2         410         21.0         235           235         6.5                586         27.8         59         0.2 </td <td>No. of holdings         Area (ha)         No. of holdings         Area (ha)         No. of holdings         Area (ha)         No. of holdings         Area (ha)         A</td> <td>No. of holdings         Area (ha)         No. of holdings         Area (ha)&lt;</td> <td>No. of holdings         Area (ha)         No. of holdings         O.9         O.9         O.9         O.9<td>No. of holdings         Area (ha)         No. of holdings         Area (ha)&lt;</td></td>	No. of holdings         Area (ha)         A	No. of holdings         Area (ha)         No. of holdings         Area (ha)<	No. of holdings         Area (ha)         No. of holdings         O.9         O.9         O.9         O.9 <td>No. of holdings         Area (ha)         No. of holdings         Area (ha)&lt;</td>	No. of holdings         Area (ha)         No. of holdings         Area (ha)<

Table 6e. Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding

Total area of holding	Sugai	rcane	Ju	ite	Toba	acco	Other ca	sh crops
Total area of Holding	No. of holdings	Area (ha)						
Holding without land								
Holding with land	909	8.6			235	1.4	235	2.3
Under 0.1 ha					29	0.4	29	0.2
0.1 ha and Under 0.2 ha	117	0.3					59	1.5
0.2 ha and under 0.5 ha	381	2.1			117	0.9	59	0.4
0.5 ha and under 1 ha	323	4.9			88	0.2	88	0.2
1 ha and under 2 ha	88	1.2						
2 ha and under 3 ha								
3 ha and under 4 ha								
4 ha and under 5 ha								
5 ha and under 10 ha								
10 ha and over								
Total	909	8.6			235	1.4	235	2.3

Table 6f. Number, area of holdings, number of holdings reporting and area under temporary crops by total area of holding

	CI	nili	On	ion	Ga	rlic	Gin	ger	Turn	neric	Coriano	ler seed	Other sp	ice crops
Total area of holding	No. of holdings	Area (ha)												
Holding without land			29	0.0	59	0.1	29	0.1						
Holding with land	2,434	10.0	9,822	50.9	15,803	71.8	9,001	159.3	6,919	72.6	1,935	6.8	586	5.6
Under 0.1 ha	147	0.2	323	2.2	1,056	4.7	88	0.5	59	0.3	117	0.5	29	0.4
0.1 ha and Under 0.2 ha	59	0.1	850	5.2	1,788	7.5	410	6.3	323	2.1	88	0.2	29	0.0
0.2 ha and under 0.5 ha	792	3.2	3,665	14.6	6,069	25.7	3,489	37.6	2,697	24.7	704	2.2	205	1.2
0.5 ha and under 1 ha	1,202	4.1	3,636	21.2	5,131	25.0	3,606	63.0	2,815	30.8	792	2.6	205	3.1
1 ha and under 2 ha	235	2.5	1,319	6.9	1,642	8.3	1,261	45.3	938	12.9	235	1.2	117	0.8
2 ha and under 3 ha					117	0.6	88	1.4	59	1.1				
3 ha and under 4 ha			29	0.7			29	1.5						
4 ha and under 5 ha														
5 ha and under 10 ha							29	3.7	29	0.7				
10 ha and over														
Total	2,434	10.0	9,851	50.9	15,862	71.9	9,030	159.4	6,919	72.6	1,935	6.8	586	5.6

Table 6g. Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding

Total area of holding	Caulif	lower	Cabl	page	Ton	nato	Oth	iers
Total area of flolding	No. of holdings	Area (ha)						
Holding without land	59	0.1	29	0.0			176	0.7
Holding with land	14,191	160.7	6,333	54.5	3,841	66.9	41,546	561.7
Under 0.1 ha	704	3.4	381	1.6	147	0.6	2,873	22.3
0.1 ha and Under 0.2 ha	997	10.0	410	3.2	205	1.1	5,190	52.8
0.2 ha and under 0.5 ha	5,395	59.1	2,463	18.8	1,231	34.0	15,979	189.5
0.5 ha and under 1 ha	5,014	50.2	2,228	17.8	1,642	14.3	12,930	176.5
1 ha and under 2 ha	1,876	34.0	762	11.6	586	16.9	4,251	115.5
2 ha and under 3 ha	147	2.0	29	0.1			235	3.7
3 ha and under 4 ha	59	2.1	59	1.4			59	1.1
4 ha and under 5 ha								
5 ha and under 10 ha					29	0.1	29	0.3
10 ha and over								
Total	14,249	160.8	6,362	54.6	3,841	66.9	41,722	562.3

Table 7. Plantation features and ages of different permanent crops by total area of holding

	То	tal					Permane	ent crops				
Total area of helding	10	ıaı	No. of	Compost			Compact	plantation			Number of so	cattered trees
Total area of holding	No. of	A (1 )	holdings	Compact plantation	F	Productive age	Э	No	n-productive a	age	Productive	Non-
	holdings	Area (ha)	reporting	area (ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	age	productive age
Holding without land	352	13.4	147	0.2	117	0.1	235	29	0.1	264	440	59
Holding with land	57,261	29,437.2	54,534	7,002.5	29,232	910.3	499,107	46,882	6,092.2	290,235	943,768	196,705
under 0.1 ha	3,987	239.2	2,991	19.1	586	8.3	5,717	616	10.8	880	21,462	4,691
0.1 ha and under 0.2 ha	7,037	1,071.9	6,245	142.6	1,994	31.9	21,110	3,079	110.7	5,629	60,633	11,405
0.2 ha and under 0.5 ha	23,368	8,151.9	22,693	1,634.0	9,763	176.2	121,999	18,413	1,457.8	44,800	310,553	69,927
0.5 ha and under 1 ha	17,152	11,879.1	16,888	2,805.1	11,171	360.2	199,637	17,914	2,444.9	48,905	360,631	76,729
1 ha and under 2 ha	5,307	6,855.8	5,307	1,797.0	4,984	236.6	110,506	6,245	1,560.4	24,277	163,164	26,857
2 ha and under 3 ha	293	683.8	293	286.3	645	69.6	16,595	498	216.7	4,457	12,138	6,245
3 ha and under 4 ha	88	314.6	88	162.4	88	27.5	23,544	88	134.9	161,287	5,571	205
4 ha and under 5 ha												
5 ha and under 10 ha	29	240.9	29	155.9				29	155.9		9,617	645
10 ha and over												
Total	57,613	29,450.6	54,681	7,002.7	29,349	910.4	499,342	46,911	6,092.2	290,499	944,208	196,764

Table 7a. Plantation features and ages of orange by total area of holding

					Ora	nge				
T						Number of scattered trees				
	Total holdings reporting	Compact plantation area	Productive age			Non-productive age			<b>5</b>	Non-productive
	roporting	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land	59	0.1				29	0.1	264	59	29
Holding with land	18,647	445.9	6,626	303.8	144,458	3,518	142.2	69,869	46,882	46,032
under 0.1 ha	645	5.2	264	4.7	3,108	59	0.4	528	1,319	1,642
0.1 ha and under 0.2 ha	1,876	19.5	586	15.6	8,679	176	3.9	2,991	4,896	2,463
0.2 ha and under 0.5 ha	7,389	89.9	2,287	51.1	28,792	1,319	38.7	27,560	15,891	16,859
0.5 ha and under 1 ha	6,128	179.0	2,346	124.9	55,473	1,349	54.1	25,098	13,135	17,533
1 ha and under 2 ha	2,434	107.9	997	72.0	36,034	586	36.0	10,467	9,089	5,014
2 ha and under 3 ha	147	34.7	117	25.6	6,245	29	9.0	3,225	2,551	2,521
3 ha and under 4 ha	29	9.8	29	9.8	6,128					
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	18,706	446.0	6,626	303.8	144,458	3,548	142.2	70,132	46,941	46,061

Table 7b. Plantation features and ages of junar by total area of holding

		Junar													
Total and of halden		Compact			Number of scattered trees										
Total area of holding	Total holdings reporting	piantation area	Productive age			Non-productive age			5:	Non-productive					
	. op or mig	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age					
Holding without land															
Holding with land	205								235	59					
under 0.1 ha															
0.1 ha and under 0.2 ha	29								29						
0.2 ha and under 0.5 ha	88								117						
0.5 ha and under 1 ha	59								88						
1 ha and under 2 ha	29									59					
2 ha and under 3 ha															
3 ha and under 4 ha															
4 ha and under 5 ha															
5 ha and under 10 ha															
10 ha and over															
Total	205								235	59					

Table 7c. Plantation features and ages of lemon by total area of holding

					Ler	non				
Total annual fibeliës a					Number of scattered trees					
Total area of holding	Total holdings reporting	piantation area	Productive age			Non-productive age			D 1 "	Non-
	. spermig	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	productive age
Holding without land										
Holding with land	3,812	3.9	323	3.5	1,378	29	0.4	88	5,102	2,170
under 0.1 ha	88								59	29
0.1 ha and under 0.2 ha	147								117	29
0.2 ha and under 0.5 ha	1,173	1.2	29	0.8	117	29	0.4	88	1,466	440
0.5 ha and under 1 ha	1,788	0.7	176	0.7	762				2,609	1,319
1 ha and under 2 ha	586	0.3	88	0.3	323				850	352
2 ha and under 3 ha	29	1.6	29	1.6	176					
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	3,812	3.9	323	3.5	1,378	29	0.4	88	5,102	2,170

Table 7d. Plantation features and ages of lime by total area of holding

					Liı	me				
Total area of holding		C				Number of scattered trees				
Total area of holding	Total holdings reporting	Compact plantation area		Productive age			on-productive a	Productive age	Non-	
	, ,	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	- Froductive age	productive age
Holding without land										
Holding with land	6,011	10.5	469	9.3	5,659	147	1.2	880	8,708	4,281
under 0.1 ha	205								176	29
0.1 ha and under 0.2 ha	352	1.6	29	1.6	1,935				645	528
0.2 ha and under 0.5 ha	2,258	6.3	264	5.3	1,876	88	1.0	762	2,961	1,788
0.5 ha and under 1 ha	2,434	1.5	117	1.4	850	59	0.1	117	3,841	1,554
1 ha and under 2 ha	733	0.8	29	0.8	968				1,085	323
2 ha and under 3 ha	29	0.2	29	0.2	29					59
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	6,011	10.5	469	9.3	5,659	147	1.2	880	8,708	4,281

Table 7e. Plantation features and ages of sweet orange by total area of holding

		Sweet orange													
Tatal area of helding		0			Number of scattered trees										
Total area of holding  Total holdin reporting	Total holdings reporting	Compact plantation area	Productive age			Non-productive age			Due divetive e e	Non-productive					
	1,110	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age					
Holding without land															
Holding with land	762	6.6	59	6.6	1,788				997	528					
under 0.1 ha	59								29	29					
0.1 ha and under 0.2 ha	59								59						
0.2 ha and under 0.5 ha	205								293	205					
0.5 ha and under 1 ha	176	0.8	29	0.8	323				323	235					
1 ha and under 2 ha	264	5.7	29	5.7	1,466				293	59					
2 ha and under 3 ha															
3 ha and under 4 ha															
4 ha and under 5 ha															
5 ha and under 10 ha															
10 ha and over															
Total	762	6.6	59	6.6	1,788				997	528					

Table 7f. Plantation features and ages of other citrus fruits by total area of holding

					Other cit	rus fruits				
Tatal area of helding					Number of scattered trees					
Total area of holding	Total holdings reporting	piantation area		Productive age		Non-productive age			D 1 "	Non-productive
		(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land										
Holding with land	3,958	4.4	410	4.1	2,111	88	0.3	323	10,115	1,466
under 0.1 ha	176								176	59
0.1 ha and under 0.2 ha	264								293	88
0.2 ha and under 0.5 ha	1,378	3.0	147	2.9	352	29	0.1	235	3,108	323
0.5 ha and under 1 ha	1,407	0.7	147	0.6	616	29	0.1	29	1,906	762
1 ha and under 2 ha	733	0.7	117	0.6	1,143	29	0.1	59	4,632	235
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	3,958	4.4	410	4.1	2,111	88	0.3	323	10,115	1,466

Table 7g. Plantation features and ages of mango by total area of holding

					Ма	ngo				
					Number of scattered trees					
Total area of holding	Total holdings reporting	Compact plantation area	Productive age			N	on-productive aç		Non-productive	
	roporting	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land	59	0.0	29	0.0	29				29	
Holding with land	11,317	11.7	821	8.4	5,160	352	3.3	2,111	17,269	11,757
under 0.1 ha	616								645	293
0.1 ha and under 0.2 ha	674								792	293
0.2 ha and under 0.5 ha	4,163	3.3	147	1.1	1,407	147	2.2	1,202	5,102	4,457
0.5 ha and under 1 ha	4,105	3.8	440	2.8	2,082	147	0.9	821	6,480	5,043
1 ha and under 2 ha	1,671	2.9	205	2.8	1,583	29	0.1	29	3,841	1,583
2 ha and under 3 ha	59	1.7	29	1.6	88	29	0.1	59	264	88
3 ha and under 4 ha	29								147	
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	11,376	11.8	850	8.5	5,190	352	3.3	2,111	17,299	11,757

Table 7h. Plantation features and ages of banana by total area of holding

					Bar	nana				
T					Number of scattered trees					
Total area of holding	Total holdings reporting	Compact plantation area	Productive age			N	on-productive aç		Non-productive	
	. opotung	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land	29	0.0	29	0.0	88					
Holding with land	16,800	95.5	4,046	77.1	51,954	1,349	18.4	27,414	65,705	61,571
under 0.1 ha	352	0.1	29	0.1	176				264	997
0.1 ha and under 0.2 ha	1,378	3.1	323	2.5	1,788	59	0.6	235	2,375	3,430
0.2 ha and under 0.5 ha	6,714	23.1	1,437	17.3	13,487	498	5.8	7,125	21,286	20,641
0.5 ha and under 1 ha	6,098	35.0	1,525	25.9	22,254	586	9.2	14,425	30,111	25,537
1 ha and under 2 ha	2,052	19.4	645	16.6	11,259	205	2.8	5,629	9,470	8,415
2 ha and under 3 ha	147	14.8	88	14.8	2,991				1,466	1,964
3 ha and under 4 ha	29								147	
4 ha and under 5 ha										
5 ha and under 10 ha	29								586	586
10 ha and over										
Total	16,829	95.5	4,075	77.2	52,042	1,349	18.4	27,414	65,705	61,571

Table 7i. Plantation features and ages of guava by total area of holding

		Guava									
		_			Compact	plantation			Number of so	cattered trees	
Total area of holding	Total holdings	Compact plantation area		Productive age		N	on-productive a	ge		Non-productive	
	reporting (ha)		No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age	
Holding without land	59	0.1	29	0.1	59				29		
Holding with land	9,177	5.6	762	5.2	3,225	147	0.4	850	18,618	5,981	
under 0.1 ha	293								586	117	
0.1 ha and under 0.2 ha	674	0.2	59	0.2	117				880	235	
0.2 ha and under 0.5 ha	3,430	0.9	176	0.8	557	29	0.1	29	6,186	2,609	
0.5 ha and under 1 ha	3,489	1.5	352	1.3	1,056	88	0.2	410	7,711	2,170	
1 ha and under 2 ha	1,173	0.5	117	0.5	792				2,492	733	
2 ha and under 3 ha	117	2.4	59	2.3	704	29	0.1	410	762	117	
3 ha and under 4 ha											
4 ha and under 5 ha											
5 ha and under 10 ha											
10 ha and over											
Total	9,236	5.7	792	5.2	3,284	147	0.4	850	18,647	5,981	

Table 7j. Plantation features and ages of jackfruit by total area of holding

		Jackfruit										
T		Commont			Compact	plantation			Number of so	cattered trees		
Total area of holding	Total holdings reporting	Compact plantation area		Productive age		N	on-productive aç	ge	5 1 1	Non-productive		
	reporting (ha)		No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age		
Holding without land	29	0.0	29	0.0	59							
Holding with land	5,893	4.9	440	3.4	1,437	176	1.5	264	14,308	4,193		
under 0.1 ha	117								59	88		
0.1 ha and under 0.2 ha	323	0.2				29	0.2	88	235	205		
0.2 ha and under 0.5 ha	2,199	0.9	117	0.5	176	59	0.4	29	2,668	1,466		
0.5 ha and under 1 ha	2,228	2.8	147	2.3	850	59	0.5	117	9,617	1,701		
1 ha and under 2 ha	938	1.1	147	0.6	381	29	0.4	29	1,642	674		
2 ha and under 3 ha	59	0.0	29	0.0	29				59			
3 ha and under 4 ha												
4 ha and under 5 ha												
5 ha and under 10 ha	29								29	59		
10 ha and over												
Total	5,923	5.0	469	3.4	1,495	176	1.5	264	14,308	4,193		

Table 7k. Plantation features and ages of pineapple by total area of holding

		Pineapple											
Total area of helding				Compact	plantation								
Total area of holding	Total holdings reporting	Compact plantation area (ha)	Produc	tive age	Non-prod	uctive age							
		( - 7	No. of holdings Area (ha)		No. of holdings	Area (ha)							
Holding without land													
Holding with land	880	20.4	762	18.7	235	1.6							
under 0.1 ha													
0.1 ha and under 0.2 ha	59	2.6	29	2.5	29	0.1							
0.2 ha and under 0.5 ha	88	0.6	29	0.3	59	0.3							
0.5 ha and under 1 ha	440	5.0	410	4.4	88	0.6							
1 ha and under 2 ha	235	4.7	235	4.1	59	0.6							
2 ha and under 3 ha	59	7.4	59	7.4									
3 ha and under 4 ha													
4 ha and under 5 ha													
5 ha and under 10 ha													
10 ha and over													
Total	880	20.4	762	18.7	235	1.6							

Table 7I. Plantation features and ages of lychee by total area of holding

		Lychee										
					Compact	plantation			Number of se	cattered trees		
Total area of holding	Total holdings	Compact plantation area		Productive age		N	on-productive a	ge		Non-productive		
	reporting	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age		
Holding without land												
Holding with land	3,108	3.3	293	2.9	762	88	0.4	147	7,623	4,369		
under 0.1 ha												
0.1 ha and under 0.2 ha	205								968	88		
0.2 ha and under 0.5 ha	1,143	2.1	88	1.9	147	29	0.1	59	1,173	2,082		
0.5 ha and under 1 ha	1,231	0.6	88	0.3	323	59	0.3	88	1,730	528		
1 ha and under 2 ha	498	0.6	117	0.6	293				3,753	1,583		
2 ha and under 3 ha												
3 ha and under 4 ha	29									88		
4 ha and under 5 ha												
5 ha and under 10 ha												
10 ha and over												
Total	3,108	3.3	293	2.9	762	88	0.4	147	7,623	4,369		

Table 7m. Plantation features and ages of apple by total area of holding

		Apple										
		_			Compact	t plantation			Number of so	cattered trees		
Total area of holding	Total holdings	Compact plantation area		Productive age		No	on-productive a	ge		Non-productive		
	reporting	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age		
Holding without land												
Holding with land												
under 0.1 ha												
0.1 ha and under 0.2 ha												
0.2 ha and under 0.5 ha												
0.5 ha and under 1 ha												
1 ha and under 2 ha												
2 ha and under 3 ha												
3 ha and under 4 ha												
4 ha and under 5 ha												
5 ha and under 10 ha												
10 ha and over												
Total												

Table 7n. Plantation features and ages of pear by total area of holding

		Pear									
		_			Compact	plantation			Number of so	cattered trees	
Total area of holding	Total holdings	Compact plantation area		Productive age		N	on-productive a	ge		Non-productive	
	reporting (ha)		No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age	
Holding without land											
Holding with land	4,163	4.8	293	3.5	2,140	117	1.3	586	5,102	3,137	
under 0.1 ha	59								29	117	
0.1 ha and under 0.2 ha	235	0.4	29	0.4	29				352	88	
0.2 ha and under 0.5 ha	1,701	1.7	59	0.5	352	88	1.2	498	1,876	1,876	
0.5 ha and under 1 ha	1,466	0.3	59	0.2	205	29	0.1	88	1,994	645	
1 ha and under 2 ha	674	2.4	147	2.4	1,554				792	410	
2 ha and under 3 ha											
3 ha and under 4 ha											
4 ha and under 5 ha											
5 ha and under 10 ha	29								59		
10 ha and over											
Total	4,163	4.8	293	3.5	2,140	117	1.3	586	5,102	3,137	

Table 7o. Plantation features and ages of peach by total area of holding

		Peach										
		_			Compact	plantation			Number of se	cattered trees		
Total area of holding	Total holdings reporting	Compact plantation area		Productive age		N	on-productive a	ge		Non-productive		
	(ha)		No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age		
Holding without land												
Holding with land	5,395	4.6	410	3.7	2,023	59	0.8	557	7,271	2,961		
under 0.1 ha	235								323			
0.1 ha and under 0.2 ha	410	0.8				29	0.8	381	616	29		
0.2 ha and under 0.5 ha	2,140	0.4	117	0.4	235				2,228	1,525		
0.5 ha and under 1 ha	1,935	1.5	205	1.4	674	29	0.0	176	2,961	968		
1 ha and under 2 ha	674	1.9	88	1.9	1,114				1,143	440		
2 ha and under 3 ha												
3 ha and under 4 ha												
4 ha and under 5 ha												
5 ha and under 10 ha												
10 ha and over												
Total	5,395	4.6	410	3.7	2,023	59	0.8	557	7,271	2,961		

Table 7p. Plantation features and ages of papaya by total area of holding

					Pap	paya				
		0			Compact	plantation			Number of so	cattered trees
Total area of holding	Total holdings reporting	piaritation area		Productive age		N	on-productive a	ge		Non-productive
	reporting	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land	59								29	29
Holding with land	9,441	0.5	147	0.5	323				19,028	5,248
under 0.1 ha	352								469	117
0.1 ha and under 0.2 ha	880	0.1	29	0.1	29				1,290	586
0.2 ha and under 0.5 ha	3,401	0.1	29	0.1	176				5,923	1,642
0.5 ha and under 1 ha	3,606	0.2	59	0.2	88				7,799	1,847
1 ha and under 2 ha	1,085								3,254	997
2 ha and under 3 ha	88	0.1	29	0.1	29				147	59
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha	29								147	
10 ha and over										
Total	9,500	0.5	147	0.5	323				19,058	5,278

Table 7q. Plantation features and ages of pomegranate by total area of holding

					Pomeç	granate				
		_			Compact	plantation			Number of so	cattered trees
Total area of holding	Total holdings reporting	Compact plantation area		Productive age		N	on-productive a	ge		Non-productive
	(ha)		No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land										
Holding with land	498	0.3	88	0.3	352				645	147
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	88								59	29
0.5 ha and under 1 ha	323	0.0	29	0.0	29				469	88
1 ha and under 2 ha	88	0.3	59	0.3	323				117	29
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	498	0.3	88	0.3	352	_			645	147

Table 7r. Plantation features and ages of coconut by total area of holding

					Cod	onut				
					Compact	plantation			Number of so	cattered trees
Total area of holding	Total holdings reporting	Compact plantation area		Productive age		No	on-productive a	ge		Non-productive
	(ha)	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land										
Holding with land										
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha										
0.5 ha and under 1 ha										
1 ha and under 2 ha										
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total										

Table 7s. Plantation features and ages of walnut by total area of holding

					Wa	alnut				
					Compact	plantation			Number of so	cattered trees
Total area of holding	Total holdings	Compact plantation area		Productive age		No	on-productive a	ge		Non-productive
		(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land										
Holding with land	88								59	88
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha										
0.5 ha and under 1 ha	59								59	29
1 ha and under 2 ha	29									59
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	88								59	88

Table 7t. Plantation features and ages of beetle nut by total area of holding

					Bete	el Nut				
		_			Compact	plantation			Number of so	cattered trees
Total area of holding	Total holdings reporting	Compact plantation area		Productive age		N	on-productive a	ge		Non-productive
	(ha)	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land										
Holding with land										
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha										
0.5 ha and under 1 ha										
1 ha and under 2 ha										
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total										

Table 7u. Plantation features and ages of other fruits by total area of holding

					Othe	r fruits				
					Compact	plantation			Number of so	cattered trees
Total area of holding	Total holdings reporting	Compact plantation area		Productive age		Ne	on-productive a	ge		Non-productive
	reporting	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land										
Holding with land										
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha										
0.5 ha and under 1 ha										
1 ha and under 2 ha										
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total										

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Table 7v. Plantation features and ages of tea by total area of holding

			Т	ea		
Total area of holding				Compact	plantation	
Total area of holding	Total holdings reporting	Compact plantation area (ha)	Produc	tive age	Non-prod	uctive age
		,	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land						
Holding with land						
under 0.1 ha						
0.1 ha and under 0.2 ha						
0.2 ha and under 0.5 ha						
0.5 ha and under 1 ha						
1 ha and under 2 ha						
2 ha and under 3 ha						
3 ha and under 4 ha						
4 ha and under 5 ha						
5 ha and under 10 ha						
10 ha and over						
Total						

Note: Registered firms are not included.

Area is not shown for those holdings reporting scattered plants only.

Table 7w. Plantation features and ages of coffee by total area of holding

					Co	ffee				
		0			Compact	plantation			Number of so	cattered trees
Total area of holding	Total holdings reporting	Compact plantation area		Productive age		N	on-productive a	је		Non-productive
	Toporting	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land										
Holding with land	3,577	97.6	1,349	38.8	41,986	323	58.8	167,151	10,320	6,802
under 0.1 ha	29	0.2	29	0.2	381					
0.1 ha and under 0.2 ha	440	2.1	88	1.0	968	88	1.0	1,085	938	293
0.2 ha and under 0.5 ha	1,319	11.4	498	10.7	12,080	88	0.7	1,407	2,375	1,730
0.5 ha and under 1 ha	1,231	4.7	410	4.6	5,776	29	0.1	117	5,014	3,606
1 ha and under 2 ha	440	6.3	235	3.5	5,659	88	2.8	3,254	1,143	469
2 ha and under 3 ha	88	7.4	59	7.4	997				850	704
3 ha and under 4 ha	29	65.6	29	11.5	16,126	29	54.1	161,287		
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over				_						
Total	3,577	97.6	1,349	38.8	41,986	323	58.8	167,151	10,320	6,802

Table 7x. Plantation features and ages of black cardamom by total area of holding

			Black Ca	ardamom		
Tatal area of halding				Compact plan	tation area (ha)	
Total area of holding	Total holdings reporting	Compact plantation area (ha)	Produc	tive age	Non-prod	uctive age
		( 1 /	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land						
Holding with land						
under 0.1 ha						
0.1 ha and under 0.2 ha						
0.2 ha and under 0.5 ha						
0.5 ha and under 1 ha						
1 ha and under 2 ha						
2 ha and under 3 ha						
3 ha and under 4 ha						
4 ha and under 5 ha						
5 ha and under 10 ha						
10 ha and over						
Total						

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Table 7y. Plantation features and ages of amriso, thatch and bamboo by total area of holding

	Broom-Gras	ss (Amriso)	Tha	itch	Barr	iboo
Total area of holding	Number of holdings	Area (ha)	Number of holdings	Area (ha)	Number of holdings	Area (ha)
Holding without land						
Holding with land	1,525	26.5	34,802	5,751.4	3,929	83.7
Under 0.1 ha	29	0.5	469	9.3	59	0.6
0.1 ha and under 0.2 ha	59	0.4	2,375	101.8	235	1.9
0.2 ha and under 0.5 ha	528	11.0	14,103	1,373.9	1,319	21.8
0.5 ha and under 1 ha	674	9.1	13,077	2,328.2	1,613	41.2
1 ha and under 2 ha	176	4.8	4,427	1,497.9	616	15.0
2 ha and under 3 ha	59	0.7	264	203.7	88	3.1
3 ha and under 4 ha			59	80.8		
4 ha and under 5 ha						
5 ha and under 10 ha			29	155.9		
10 ha and over						
Total	1,525	26.5	34,802	5,751.4	3,929	83.7

Note: Area is not shown for those holdings reporting scattered clumps of bamboo only

Table 7z. Plantation features and ages of fodder tree and multi-year grass crops by total area of holding

		Fodde	r Tree		Multi-year g	grass crops
Total area of holding	Number of holdings	Compact	plantation	Number of scattered	Number of holdings	Aroa (ba)
	Number of holdings	Area (ha)	Number of Trees	trees	Number of holdings	Area (ha)
Holding without land	59			293		
Holding with land	44,361	235.0	167,708	684,026	2,903	185.4
Under 0.1 ha	2,052	2.2	1,847	16,096	59	1.1
0.1 ha and under 0.2 ha	4,984	6.1	5,600	43,481	147	1.8
0.2 ha and under 0.5 ha	18,413	59.5	50,664	231,625	880	23.0
0.5 ha and under 1 ha	14,220	96.3	69,253	258,394	1,378	92.0
1 ha and under 2 ha	4,398	62.9	36,972	114,317	410	60.8
2 ha and under 3 ha	205	2.0	2,082	6,040	29	6.6
3 ha and under 4 ha	59	6.2	1,290	5,278		
4 ha and under 5 ha						
5 ha and under 10 ha	29			8,796		
10 ha and over						
Total	44,419	235.0	167,708	684,319	2,903	185.4

Table 8. Number, area of holdings, number of holdings reporting, use of agricultural inputs, area treated with and quantity of chemical/mineral fertilizers used by total area of holding

	То	otal							Paddy						
T			No. of		Seeds		Pesticide s	Irrigated	and fertiliz	ers used	Unirriga	ated and fe used	ertilizers	Area trea	
Total area of holding	No. of holdings	Area (ha)	No. of holdings reporting	No. c	of holdings	using	No. of holdings	No. c	of holdings	using	No. o	f holdings	using	fertilize quantit	
			reporting	Local seeds	Improved seeds	Hybrid seeds	using	Local fertilizers	Mineral/ chemical	Both	Local fertilizers	Mineral/ chemical	Both	Area (ha)	Quantity (Qtl.)
Holding without land	352	13.4	29	29							29				
Holding with land	57,261	29,437.2	36,004	34,597	616	792	5,190	13,018	1,730	18,852	7,506	352	3,489	5,125.0	5,257
under 0.1 ha	3,987	239.2	528	528				293		147	293			5.8	9
0.1 ha and under 0.2 ha	7,037	1,071.9	2,697	2,668	29		205	792	205	1,466	528	29	293	147.9	128
0.2 ha and under 0.5 ha	23,368	8,151.9	14,924	14,513	176	235	1,759	5,629	674	7,623	3,430	59	1,319	1,506.0	1,718
0.5 ha and under 1 ha	17,152	11,879.1	13,340	12,695	235	410	2,258	4,779	586	7,125	2,316	235	1,378	2,322.8	2,374
1 ha and under 2 ha	5,307	6,855.8	4,163	3,900	147	117	821	1,437	264	2,287	821		498	1,040.1	942
2 ha and under 3 ha	293	683.8	264	205	29	29	147	59		147	88	29		78.5	72
3 ha and under 4 ha	88	314.6	88	88				29		59	29			23.9	15
4 ha and under 5 ha															
5 ha and under 10 ha	29	240.9													
10 ha and over															
Total	57,613	29,450.6	36,034	34,626	616	792	5,190	13,018	1,730	18,852	7,535	352	3,489	5,125.0	5,257

Table 8. Number, area of holdings, number of holdings reporting, use of agricultural inputs, area treated with and quantity of chemical/mineral fertilizers used by total area of holding (Continued 1)

	To	otal							Maize						
			No. of		Seeds		Pesticides	Irrigated	and fertiliz	ers used	Unirriga	ated and fe	rtilizers	Area trea	
Total area of holding	No. of holdings	Area (ha)	No. of holdings	No. of	holdings u	ısing	No. of holdings	No. c	of holdings	using	No. o	of holdings	using	fertilizer an	d quantity
			reporting	Local seeds	Improved seeds	Hybrid seeds	using	Local fertilizers	Mineral/ chemical	Both	Local fertilizers	Mineral/ chemical	Both	Area (ha)	Quantity (Qtl.)
Holding without land	352	13.4	59	59							59				, ,
Holding with land	57,261	29,437.2	55,502	54,564	762	176	5,424	19,380	1,056	10,467	32,310	616	12,725	3,273.3	2,219
under 0.1 ha	3,987	239.2	3,430	3,372	59		117	410		147	2,609	29	528	25.2	41
0.1 ha and under 0.2 ha	7,037	1,071.9	6,509	6,392	117		293	1,407	147	792	3,870	59	1,554	152.3	144
0.2 ha and under 0.5 ha	23,368	8,151.9	22,840	22,547	205	88	1,759	7,887	469	3,987	13,458	264	5,219	1,055.9	838
0.5 ha and under 1 ha	17,152	11,879.1	17,035	16,683	293	59	2,434	7,066	410	4,163	9,089	176	4,017	1,354.8	832
1 ha and under 2 ha	5,307	6,855.8	5,278	5,219	59		733	2,492	29	1,202	3,079	88	1,261	550.0	265
2 ha and under 3 ha	293	683.8	293	264	29		88	117		88	147		117	89.5	50
3 ha and under 4 ha	88	314.6	88	59		29				59	29		29	19.0	23
4 ha and under 5 ha															
5 ha and under 10 ha	29	240.9	29	29						29	29			26.6	26
10 ha and over															
Total	57,613	29,450.6	55,561	54,622	762	176	5,424	19,380	1,056	10,467	32,369	616	12,725	3,273.3	2,219

Table 8. Number, area of holdings, number of holdings reporting, use of agricultural inputs, area treated with and quantity of chemical/mineral fertilizers used by total area of holding (Continued 2)

	To	otal							Wheat						
<del>-</del>			No. of		Seeds		Pesticide s	Irrigated	and fertiliz	ers used	Unirriga	ated and fe used	ertilizers	Area Trea mineral/ o	
Total area of holding	No. of holdings	Area (ha)	No. of holdings reporting	No. o	f holdings	using	No. of holdings	No. o	f holdings	using	No. o	of holdings	using	fertilizer an use	
			reporting	Local seeds	Improved seeds	Hybrid seeds	using	Local fertilizers	Mineral/ chemical	Both	Local fertilizers	Mineral/ chemical	Both	Area (ha)	Quantity (Qtl.)
Holding without land	352	13.4													
Holding with land	57,261	29,437.2	17,738	16,184	1,554		3,987	4,896	850	9,206	4,720	293	2,668	1,475.2	1,741
under 0.1 ha	3,987	239.2	147	147			29	59			147				
0.1 ha and under 0.2 ha	7,037	1,071.9	1,261	1,202	59		147	352	29	674	323	29	176	49.8	258
0.2 ha and under 0.5 ha	23,368	8,151.9	6,626	6,216	410		1,319	1,730	381	3,196	1,906	147	968	377.8	605
0.5 ha and under 1 ha	17,152	11,879.1	7,271	6,480	792		1,818	2,170	381	3,870	1,730	88	1,114	723.6	630
1 ha and under 2 ha	5,307	6,855.8	2,287	1,994	293		616	586	59	1,349	557	29	381	301.3	220
2 ha and under 3 ha	293	683.8	88	88			59			59	29		29	11.9	19
3 ha and under 4 ha	88	314.6	59	59						59	29			10.8	8
4 ha and under 5 ha															
5 ha and under 10 ha	29	240.9													
10 ha and over															
Total	57,613	29,450.6	17,738	16,184	1,554		3,987	4,896	850	9,206	4,720	293	2,668	1,475.2	1,741

Table 8. Number, area of holdings, number of holdings reporting, use of agricultural inputs, area treated with and quantity of chemical/mineral fertilizers used by total area of holding (Continued 3)

	To	otal							Potato						
					Seeds		Pesticides	Irrigated	and fertiliz	ers used	Unirriga	ated and fe used	rtilizers	Area trea mineral/ o	
Total area of holding	No. of	Area (ha)	No. of holdings	No. o	f holdings	using	No. of	No. o	f holdings	using	No. o	f holdings	using	fertilizer an	nd quantity
	holdings		reporting	Local seeds	Improved seeds	Hybrid seeds	holdings using	Local fertilizers	Mineral/ chemical fertilizers	Both	Local fertilizers	Mineral/ chemical fertilizers	Both	Area (ha)	Quantity (Qtl.)
Holding without land	352	13.4	29	29							29				
Holding with land	57,261	29,437.2	26,534	19,380	6,538	616	5,923	8,444	821	7,916	11,024	323	4,867	332.6	1,156
under 0.1 ha	3,987	239.2	1,554	1,202	352		176	147	59	176	821	59	410	11.8	33
0.1 ha and under 0.2 ha	7,037	1,071.9	2,228	1,906	323		176	586	88	352	1,173	29	352	12.9	25
0.2 ha and under 0.5 ha	23,368	8,151.9	10,350	7,125	3,049	176	2,023	3,079	235	3,137	4,017	117	2,082	120.0	308
0.5 ha and under 1 ha	17,152	11,879.1	9,382	6,890	2,140	352	2,727	3,401	410	3,284	3,577	88	1,554	144.1	542
1 ha and under 2 ha	5,307	6,855.8	2,756	1,994	674	88	792	1,114	29	938	1,290	29	440	42.3	233
2 ha and under 3 ha	293	683.8	176	176			29	88		29	117			0.7	15
3 ha and under 4 ha	88	314.6	88	88				29			29		29	0.7	1
4 ha and under 5 ha															
5 ha and under 10 ha	29	240.9													
10 ha and over															
Total	57,613	29,450.6	26,564	19,410	6,538	616	5,923	8,444	821	7,916	11,053	323	4,867	332.6	1,156

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Table8. Number, area of holdings, number of holdings reporting, use of agricultural inputs, area treated with and quantity of chemical/mineral fertilizers used by total area of holding (Continued 4)

	To	tal						Suga	arcane						
					Seeds		Pesticides	Irrigated ar	nd fertilizers	s used	Unirrigat	ed and ferti used	lizers	Area trea	
Total area of holding	No. of holdings	Area (ha)	No. of holdings	No. o	of holdings	using	No. of holdings	No. of h	noldings us	ing	No. of	holdings us	sing	fertilizer ar us	nd quantity ed
			reporting	Local seeds	Improved seeds	Hybrid seeds	using	Local fertilizers	Mineral/ chemical	Both	Local fertilizers	Mineral/ chemical	Both	Area (ha)	Quantity (Qtl.)
Holding without land	352	13.4													
Holding with land	57,261	29,437.2	909	909			205	586		29	704		29	0.4	1
under 0.1 ha	3,987	239.2													
0.1 ha and under 0.2 ha	7,037	1,071.9	117	117							117				
0.2 ha and under 0.5 ha	23,368	8,151.9	381	381			88	293			293				
0.5 ha and under 1 ha	17,152	11,879.1	323	323			117	235		29	235		29	0.4	1
1 ha and under 2 ha	5,307	6,855.8	88	88				59			59				
2 ha and under 3 ha	293	683.8													
3 ha and under 4 ha	88	314.6													
4 ha and under 5 ha															
5 ha and under 10 ha	29	240.9													
10 ha and over															
Total	57,613	29,450.6	909	909			205	586		29	704		29	0.4	1

Table 8. Number, area of holdings, number of holdings reporting, use of agricultural inputs, area treated with and quantity of chemical/mineral fertilizers used by total area of holding (Continued 5)

	То	otal						V	egetables						
					Seeds		Pesticides	Irrigated	and fertiliz	ers used	Unirriga	ated and fe used	rtilizers	Area trea	
Total area of holding	No. of	Area (ha)	No. of holdings	No. c	f holdings	using	No. of	No. o	f holdings	using	No. o	f holdings	using	fertilizer an	nd quantity
	holdings	, ,	reporting	Local seeds	Improved seeds	Hybrid seeds	holdings using	Local fertilizers	Mineral/ chemical fertilizers	Both	Local fertilizers	Mineral/ chemical fertilizers	Both	Area (ha)	Quantity (Qtl.)
Holding without land	352	13.4	176	176							176				
Holding with land	57,261	29,437.2	43,628	39,640	3,196	792	5,072	22,078	205	2,932	30,111	117	2,140	180.4	380
under 0.1 ha	3,987	239.2	2,961	2,815	147		147	469		147	2,375		147	4.2	10
0.1 ha and under 0.2 ha	7,037	1,071.9	5,219	4,896	235	88	323	1,935	29	205	3,636		323	7.5	23
0.2 ha and under 0.5 ha	23,368	8,151.9	16,800	15,100	1,407	293	1,935	8,532	117	1,114	11,611	29	733	52.1	133
0.5 ha and under 1 ha	17,152	11,879.1	13,810	12,578	968	264	2,023	8,327	59	968	9,265	88	704	73.6	152
1 ha and under 2 ha	5,307	6,855.8	4,486	3,900	440	147	616	2,668		410	2,991		176	31.4	52
2 ha and under 3 ha	293	683.8	235	235			29	88		59	147		59	10.8	9
3 ha and under 4 ha	88	314.6	88	88				29		29	59			0.8	1
4 ha and under 5 ha															
5 ha and under 10 ha	29	240.9	29	29				29			29				
10 ha and over															
Total	57,613	29,450.6	43,803	39,816	3,196	792	5,072	22,078	205	2,932	30,287	117	2,140	180.4	380

Table 8. Number, area of holdings, number of holdings reporting, use of agricultural inputs, area treated with and quantity of chemical/mineral fertilizers used by total area of holding (Continued 6)

	To	tal						0	ther crops						
					Seeds		Pesticides	Irrigated	and fertiliz	ers used	Unirrigate	d and fertili	zers used		ated with chemical
Total area of holding	No. of	Area (ha)	No. of holdings	No. o	f holdings (	using	No. of	No. o	of holdings	using	No. c	of holdings (	using	fertiliz	er and ty used
	holdings	7.100 (1.0)	reporting	Local seeds	Improved seeds	Hybrid seeds	holdings using	Local fertilizers	Mineral/ chemical fertilizers	Both	Local fertilizers	Mineral/ chemical fertilizers	Both	Area (ha)	Quantity (Qtl.)
Holding without land	352	13.4	117	117							117				
Holding with land	57,261	29,437.2	54,300	54,007	235	59	3,460	28,763		59	44,331	147	88	5.9	6
under 0.1 ha	3,987	239.2	3,254	3,225	29		147	440			3,020				
0.1 ha and under 0.2 ha	7,037	1,071.9	6,333	6,333			235	2,140			5,336	29		0.4	C
0.2 ha and under 0.5 ha	23,368	8,151.9	22,224	22,107	117		1,143	11,405			18,354	59		0.6	1
0.5 ha and under 1 ha	17,152	11,879.1	16,800	16,654	88	59	1,378	11,112		59	12,989	59	88	4.9	5
1 ha and under 2 ha	5,307	6,855.8	5,278	5,278			528	3,460			4,281				
2 ha and under 3 ha	293	683.8	293	293			29	176			264				
3 ha and under 4 ha	88	314.6	88	88				29			59				
4 ha and under 5 ha															
5 ha and under 10 ha	29	240.9	29	29							29				
10 ha and over															
Total	57,613	29,450.6	54,417	54,124	235	59	3,460	28,763		59	44,449	147	88	5.9	6

Table 9. Number of holdings reporting different type of livestocks by area of holding

						Live	stock					
Total area of holding	Tot	tal	Cat	ttle	Yak/Na	k/Chauri	Buff	alo	Go	at	She	ер
	No. of holdings	No. of heads										
Holding without land	259	625	61	64			198	231	90	329		
Holding with land	52,844	321,448	23,667	48,210			47,591	93,780	38,117	163,843	599	3,324
Under 0.1 ha	2,822	9,063	424	707			2,040	2,648	1,734	5,269		
0.1 ha and under 0.2 ha	6,048	24,781	1,606	2,571			4,957	7,764	3,916	13,082	75	322
0.2 ha and under 0.5 ha	21,973	114,394	8,940	16,263			20,084	36,761	14,679	55,832	150	1,555
0.5 ha and under 1 ha	16,443	120,271	9,000	18,673			15,269	33,805	13,065	62,717	150	483
1 ha and under 2 ha	5,155	48,370	3,424	9,224			4,844	11,825	4,335	24,159	225	965
2 ha and under 3 ha	288	3,427	212	643			283	771	299	1,976		
3 ha and under 4 ha	86	757	30	64			85	154	60	539		
4 ha and under 5 ha												
5 ha and under 10 ha	29	385	30	64			28	51	30	269		
10 ha and over												
Total	53,103	322,073	23,728	48,274			47,789	94,011	38,207	164,172	599	3,324

Table 9. Number of holdings reporting different type of livestocks by area of holding (Continued)

					Lives	stock				
Total area of holding	Р	ig	Но	rse	Mules ar	nd Asses	Rat	bbit	Otl	her
	No. of holdings	No. of heads								
Holding without land										
Holding with land	7,665	12,175							59	117
Under 0.1 ha	251	410							29	29
0.1 ha and under 0.2 ha	716	1,043								
0.2 ha and under 0.5 ha	2,686	3,984								
0.5 ha and under 1 ha	2,722	4,505							29	88
1 ha and under 2 ha	1,254	2,197								
2 ha and under 3 ha	36	37								
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	7,665	12,175							59	117

Table 9a. Number of holdings reporting livestock according to age, sex and breed by total area of holding

							Cattle						
		A.II						U	nder one yea	ar			
Total area of holding		All a	iges			Total			Male			Female	
	No. of	Νι	ımber of hea	ds	Nι	ımber of hea	ds	Nι	ımber of hea	ds	Nu	ımber of hea	ıds
	holdings	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	61 64 64 23.667 48.210 47.888 32												
Holding with land	23,667	48,210	47,888	321	2,668	2,635	32	1,189	1,189		1,478	1,446	32
under 0.1 ha	424	707	707		64	64		64	64				
0.1 ha and under 0.2 ha	1,606	2,571	2,571		32	32		32	32				
0.2 ha and under 0.5 ha	8,940	16,263	16,038	225	1,093	1,061	32	450	450		643	611	32
0.5 ha and under 1 ha	9,000	18,673	18,673		1,061	1,061		482	482		579	579	
1 ha and under 2 ha	3,424	9,224	9,128	96	418	418		161	161		257	257	
2 ha and under 3 ha	212	643	643										
3 ha and under 4 ha	30	64	64										
4 ha and under 5 ha													
5 ha and under 10 ha	30	64	64										
10 ha and over													
Total	23,728	48,274	47,953	321	2,668	2,635	32	1,189	1,189		1,478	1,446	32

Table 9a. Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)

					Cattle				
					One to three years				
Total area of holding		Total			Male			Female	
		Number of heads			Number of heads			Number of heads	
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	32 32 5.946 5.849						32	32	
Holding with land	5,946	5,849	96	2,989	2,957	32	2,957	2,893	64
under 0.1 ha	96	96		32	32		64	64	
0.1 ha and under 0.2 ha	514	514		289	289		225	225	
0.2 ha and under 0.5 ha	2,186	2,153	32	1,189	1,157	32	996	996	
0.5 ha and under 1 ha	2,314	2,314		964	964		1,350	1,350	
1 ha and under 2 ha	803	739	64	514	514		289	225	64
2 ha and under 3 ha	32	32					32	32	
3 ha and under 4 ha									
4 ha and under 5 ha									
5 ha and under 10 ha									
10 ha and over									
Total	5,978	5,882	96	2,989	2,957	32	2,989	2,925	64

Table 9a. Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)

						Ca	ttle					
						Three year	s and over					
Total and a of halding		Total			Male				Fen	nale		
Total area of holding	N		la.	N		l-		Cows			Cows in milk	
	IN	umber of head	ıs	IN	umber of head	ıs	N	umber of head	ds	N	umber of head	ls
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	32 32 39,596 39,403 193									32	32	
Holding with land	39,596	39,403	193	27,608	27,544	64	3,535	3,471	64	8,453	8,388	64
Under 0.1 ha	546	546		129	129		161	161		257	257	
0.1 ha and Under 0.2 ha	2,025	2,025		1,253	1,253		129	129		643	643	
0.2 ha and Under 0.5 ha	12,984	12,824	161	8,774	8,742	32	1,221	1,157	64	2,989	2,925	64
0.5 ha and Under 1 ha	15,299	15,299		11,313	11,313		1,253	1,253		2,732	2,732	
1 ha and Under 2 ha	8,003	7,971	32	5,592	5,560	32	771	771		1,639	1,639	
2 ha and Under 3 ha	611	611		418	418					193	193	
3 ha and Under 4 ha	64	64		64	64							
4 ha and Under 5 ha												
5 ha and Under 10 ha	64	64		64	64							
10 ha and over												
Total	39,628	39,436	193	27,608	27,544	64	3,535	3,471	64	8,485	8,421	64

Table 9b. Number of holdings reporting livestock according to age, sex and breed by total area of holding

						Yak/Nak	/Chaunri					
			ι	Jnder one yea	ar	0	ne to three ye	ear		Three yea	irs and over	
Total area of holding	All a	ages	Total	Male	Female	Total	Male	Female	Total	Male	Fen	male
	No. of	No. of	No. of	No. of	No. of	No. of	No. of	No. of	No. of	No. of	Nak/Chaunri	Nak/Chaunri in milk
	holdings	heads	heads	heads	heads	heads	heads	heads	heads	heads	No. of heads	No. of heads
Holding without land												
Holding with land												
under 0.1 ha												
0.1 ha and under 0.2 ha												
0.2 ha and under 0.5 ha												
0.5 ha and under 1 ha												
1 ha and under 2 ha												
2 ha and under 3 ha												
3 ha and under 4 ha												
4 ha and under 5 ha												
5 ha and under 10 ha												
10 ha and over												
Total												

Table 9c. Number of holdings reporting livestock according to age, sex and breed by total area of holding

							Buffalo						
		A.II						U	nder one yea	ar			
Total area of holding		All a	ges	-		Total			Male			Female	
	No. of	Nu	mber of hea	ds	Nu	mber of hea	ds	Nu	mber of hea	ds	Nu	mber of hea	ıds
	holdings	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	198	231	231		51	51					51	51	
Holding with land	47,591	93,780	93,240	540	18,818	18,612	206	6,273	6,195	77	12,545	12,417	129
under 0.1 ha	2,040	2,648	2,596	51	463	411	51	154	129	26	308	283	26
0.1 ha and under 0.2 ha	4,957	7,764	7,764		1,157	1,157		386	386		771	771	
0.2 ha and under 0.5 ha	20,084	36,761	36,556	206	7,069	6,992	77	2,262	2,211	51	4,807	4,782	26
0.5 ha and under 1 ha	15,269	33,805	33,548	257	7,404	7,327	77	2,468	2,468		4,936	4,859	77
1 ha and under 2 ha	4,844	11,825	11,800	26	2,468	2,468		900	900		1,568	1,568	
2 ha and under 3 ha	283	771	771		257	257		103	103		154	154	
3 ha and under 4 ha	85	154	154										
4 ha and under 5 ha													
5 ha and under 10 ha	28	51	51										
10 ha and over													
Total	47,789	94,011	93,471	540	18,869	18,663	206	6,273	6,195	77	12,596	12,468	129

Table 9c. Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)

					Buffalo				
				(	One to three years				
Total area of holding		Total			Male			Female	
	1	Number of heads			Number of heads			Number of heads	
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	26 26 17 584 17 481						26	26	
Holding with land	17,584	17,481	103	4,139	4,113	26	13,445	13,368	77
under 0.1 ha	591	591		129	129		463	463	
0.1 ha and under 0.2 ha	1,671	1,671		283	283		1,388	1,388	
0.2 ha and under 0.5 ha	6,890	6,838	51	1,440	1,440		5,450	5,398	51
0.5 ha and under 1 ha	6,170	6,118	51	1,799	1,774	26	4,370	4,345	26
1 ha and under 2 ha	2,185	2,185		488	488		1,697	1,697	
2 ha and under 3 ha	77	77					77	77	
3 ha and under 4 ha									
4 ha and under 5 ha									
5 ha and under 10 ha									
10 ha and over									
Total	17,609	17,507	103	4,139	4,113	26	13,471	13,393	77

Table 9c. Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)

						Buf	falo					
						Three year	rs and over					
Total ages of helders		Total			Male				Fem	nale		
Total area of holding	N	umber of head	ds	N	umber of head	ds		Buffalo		ſ	Buffalo in milk	
	Total	Local	Improved	Total	Local	Improved	N	umber of hea	d	N	lumber of head	d
	Total	Local	improved	Total			Total	Local	Improved	Total	Local	Improved
Holding without land	154	154					129	129		26	26	
Holding with land	57,378	57,147	231	1,260	1,260		34,473	34,293	180	21,645	21,594	51
Under 0.1 ha	1,594	1,594		26	26		977	977		591	591	
0.1 ha and Under 0.2 ha	4,936	4,936		77	77		2,828	2,828		2,031	2,031	
0.2 ha and Under 0.5 ha	22,802	22,725	77	386	386		13,471	13,393	77	8,946	8,946	
0.5 ha and Under 1 ha	20,232	20,103	129	514	514		12,365	12,262	103	7,352	7,327	26
1 ha and Under 2 ha	7,172	7,147	26	257	257		4,396	4,396		2,519	2,494	26
2 ha and Under 3 ha	437	437					308	308		129	129	
3 ha and Under 4 ha	154	154					103	103		51	51	
4 ha and Under 5 ha												
5 ha and Under 10 ha	51	51					26	26		26	26	
10 ha and over												
Total	57,533	57,301	231	1,260	1,260		34,602	34,422	180	21,671	21,620	51

Table 9d. Number of holdings reporting livestock according to age, sex and breed by total area of holding

							Goat						
		A.II. o						Un	der six mont	hs			
Total area of holding		All a	ges			Total			Male			Female	
	No. of	1	No. of heads			No. of heads	1		No. of heads	;		No. of heads	
	holdings	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	90 329 329 38,117 163,843 163,304 539				120	120		120	120				
Holding with land	38,117	163,843	163,304	539	69,213	68,854	359	33,649	33,559	90	35,565	35,295	269
Under 0.1 ha	1,734	5,269	5,269		2,485	2,485		1,347	1,347		1,138	1,138	
0.1 ha and Under 0.2 ha	3,916	13,082	13,022	60	5,808	5,748	60	2,724	2,694	30	3,083	3,054	30
0.2 ha and Under 0.5 ha	14,679	55,832	55,682	150	23,560	23,500	60	11,406	11,376	30	12,154	12,124	30
0.5 ha and Under 1 ha	13,065	62,717	62,388	329	26,793	26,554	239	12,813	12,783	30	13,980	13,771	210
1 ha and Under 2 ha	4,335	24,159	24,159		9,520	9,520		4,760	4,760		4,760	4,760	
2 ha and Under 3 ha	299	1,976	1,976		659	659		329	329		329	329	
3 ha and Under 4 ha	60	539	539		269	269		180	180		90	90	
4 ha and Under 5 ha													
5 ha and Under 10 ha	30	269	269		120	120		90	90		30	30	
10 ha and over													
Total	38,207	164,172	163,633	539	69,333	68,974	359	33,768	33,679	90	35,565	35,295	269

Table 9d. Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)

					Goat				
				5	Six months and ove	er			
Total area of holding		Total			Male			Female	
		No. of heads			No. of heads			No. of heads	
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	210 210			90	90		120	120	
Holding with land	94,629	94,450	180	18,950	18,920	30	75,680	75,530	150
Under 0.1 ha	2,784	2,784		629	629		2,155	2,155	
0.1 ha and Under 0.2 ha	7,275	7,275		898	898		6,376	6,376	
0.2 ha and Under 0.5 ha	32,272	32,182	90	6,257	6,227	30	26,015	25,955	60
0.5 ha and Under 1 ha	35,924	35,834	90	7,185	7,185		28,739	28,649	90
1 ha and Under 2 ha	14,639	14,639		3,413	3,413		11,226	11,226	
2 ha and Under 3 ha	1,317	1,317		419	419		898	898	
3 ha and Under 4 ha	269	269		120	120		150	150	
4 ha and Under 5 ha									
5 ha and Under 10 ha	150	150		30	30		120	120	
10 ha and over									
Total	94,839	94,659	180	19,040	19,010	30	75,799	75,650	150

Table 9e. Number of holdings reporting livestock according to age, sex and breed by total area of holding

							Sheep						
		A.II						Un	der six mon	ths			
Total area of holding		All a	iges			Total			Male			Female	
	No. of	ı	No. of heads	;	-	No. of heads	<b>;</b>	1	No. of heads	;	-	No. of heads	;
	holdings	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land													
Holding with land	599	3,324	3,110	214	1,126	1,126		536	536		590	590	
Under 0.1 ha													
0.1 ha and Under 0.2 ha	75	322	322										
0.2 ha and Under 0.5 ha	150	1,555	1,555		536	536		268	268		268	268	
0.5 ha and Under 1 ha	150	483	483		214	214		54	54		161	161	
1 ha and Under 2 ha	225	965	751	214	375	375		214	214		161	161	
2 ha and Under 3 ha													
3 ha and Under 4 ha													
4 ha and Under 5 ha													
5 ha and Under 10 ha													
10 ha and over													
Total	599	599 3,324 3,110 21			1,126	1,126		536	536		590	590	

Table 9e. Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)

					Sheep					
				S	Six months and over	er				
Total area of holding		Total			Male			Female		
		No. of heads			No. of heads		No. of heads			
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	
Holding without land										
Holding with land	2,198	1,984	214	161	161		2,037	1,823	214	
Under 0.1 ha										
0.1 ha and Under 0.2 ha	322	322					322	322		
0.2 ha and Under 0.5 ha	1,019	1,019		107	107		911	911		
0.5 ha and Under 1 ha	268	268					268	268		
1 ha and Under 2 ha	590	375	214	54	54		536	322	214	
2 ha and Under 3 ha										
3 ha and Under 4 ha										
4 ha and Under 5 ha										
5 ha and Under 10 ha										
10 ha and over										
Total	2,198	1,984	214	161	161		2,037	1,823	214	

Table 9f. Number of holdings reporting livestock according to age, sex and breed by total area of holding

					Р	ig				
Total area of holding		То	tal		1	Under six months	3	s	ix months and ov	er
Total area of holding	No. of boldings		Number of heads	i		Number of heads	3		Number of heads	3
	No. of holdings	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land										
Holding with land	7,665	12,175	11,468	707	5,585	5,361	223	6,590	6,106	484
Under 0.1 ha	251	410	410		223	223		186	186	
0.1 ha and Under 0.2 ha	716	1,043	782	261	335	335		707	447	261
0.2 ha and Under 0.5 ha	2,686	3,984	3,835	149	1,862	1,713	149	2,122	2,122	
0.5 ha and Under 1 ha	2,722	4,505	4,393	112	2,159	2,085	74	2,346	2,308	37
1 ha and Under 2 ha	1,254	2,197	2,011	186	1,005	1,005		1,191	1,005	186
2 ha and Under 3 ha	36	37	37					37	37	
3 ha and Under 4 ha										
4 ha and Under 5 ha										
5 ha and Under 10 ha										
10 ha and over										
Total	7,665	12,175	11,468	707	5,585	5,361	223	6,590	6,106	484

Table 10. Number of holdings reporting different type of birds by area of holding

						Pou	ıltry (Chick	en)					
	To	otal			Loc	cal					Improved		
Total area of holding					Nι	ımber of bird	s			Number of birds			
	No. of holdings	Number of birds	No. of holdings				He	ns	No. of holdings				
	riolalitys	bilds	nolalings	Total	Chicks	Cocks	Laying eggs	Not laying eggs	Holdings	Total	Broiler	Layers	Giriraj
Holding without land	235	9,265	205	1,935	586	235	850	264	29	7,330	7,330		
Holding with land	31,401	360,690	30,844	308,970	181,518	35,242	50,195	42,015	1,788	51,720	48,231	1,378	2,111
Under 0.1 ha	2,287	23,221	2,258	17,123	8,591	1,613	3,753	3,167	117	6,098	6,069	29	
0.1 ha and Under 0.2 ha	3,900	29,671	3,870	24,863	14,279	2,844	5,424	2,316	176	4,808	4,632	88	88
0.2 ha and Under 0.5 ha	12,754	130,531	12,549	118,217	70,807	13,722	18,706	14,982	557	12,314	11,523	29	762
0.5 ha and Under 1 ha	9,236	121,970	9,030	103,557	62,040	12,959	15,715	12,842	674	18,413	16,976	469	968
1 ha and Under 2 ha	3,049	52,306	2,961	42,220	24,482	3,665	5,805	8,268	264	10,086	9,030	762	293
2 ha and Under 3 ha	176	2,991	176	2,991	1,319	440	792	440					
3 ha and Under 4 ha													
4 ha and Under 5 ha													
5 ha and Under 10 ha													
10 ha and over													
Total	31,636	369,955	31,049	310,905	182,104	35,477	51,045	42,279	1,818	59,050	55,561	1,378	2,111

Table 11. Number of holdings reporting different type of birds by area of holding

			Other	birds		
Total area of holding	Duo	ck	Pig	eon	Oth	ners
	No. of holdings	No. of birds	No. of holdings	No. of birds	No. of holdings	No. of birds
Holding without land	29	440				
Holding with land	323	733	1,143	4,955	88	205
Under 0.1 ha						
0.1 ha and Under 0.2 ha	59	117	117	352	29	88
0.2 ha and Under 0.5 ha	205	440	498	2,434		
0.5 ha and Under 1 ha	29	59	410	1,818	59	117
1 ha and Under 2 ha	29	117	117	352		
2 ha and Under 3 ha						
3 ha and Under 4 ha						
4 ha and Under 5 ha						
5 ha and Under 10 ha						
10 ha and over						
Total	352	1,173	1,143	4,955	88	205

Table 12. Number, area of holdings, number of holdings reporting use of implements and other facilities by total area of holding

To	otal					No. of holding	gs reporting	the use of				
No. of holdings	Area (ha)	Iron ploughs	Power tillers	Shallow tube well	Deep tube well	Rower pump/Dhiki	Tractor	Thresher	Pumping set/ Motor	Animal drawn cart	Sprayer	Other equipments
352	13.4											
57,261	29,437.2	381					2,932	88	616		2,639	2,434
3,987	239.2	29					88				88	88
7,037	1,071.9	59					293					205
23,368	8,151.9	205					1,143	29	176		1,026	645
17,152	11,879.1	59					938	29	293		938	1,026
5,307	6,855.8	29					440	29	147		557	469
293	683.8						29				29	
88	314.6											
29	240.9											
57,613	29,450.6	381					2,932	88	616		2,639	2,434
	No. of holdings  352  57,261  3,987  7,037  23,368  17,152  5,307  293  88	holdings         Area (ha)           352         13.4           57,261         29,437.2           3,987         239.2           7,037         1,071.9           23,368         8,151.9           17,152         11,879.1           5,307         6,855.8           293         683.8           88         314.6           29         240.9	No. of holdings         Area (ha)         Iron ploughs           352         13.4           57,261         29,437.2         381           3,987         239.2         29           7,037         1,071.9         59           23,368         8,151.9         205           17,152         11,879.1         59           5,307         6,855.8         29           293         683.8           88         314.6           29         240.9	No. of holdings         Area (ha)         Iron ploughs         Power tillers           352         13.4	No. of holdings         Area (ha)         Iron ploughs         Power tillers         Shallow tube well           352         13.4	No. of holdings         Area (ha)         Iron ploughs         Power tillers         Shallow tube well         Deep tube well           352         13.4	No. of holdings         Area (ha)         Iron ploughs         Power tillers         Shallow tube well         Deep tube well         Rower pump/Dhiki           352         13.4         381         3987         29437.2         381         3987         239.2         29         399	No. of holdings         Area (ha)         Iron ploughs         Power tillers         Shallow tube well         Deep tube well         Rower pump/Dhiki         Tractor           352         13.4         29,437.2         381         2,932           3,987         239.2         29         88           7,037         1,071.9         59         293           23,368         8,151.9         205         1,143           17,152         11,879.1         59         938           5,307         6,855.8         29         440           293         683.8         29         29           88         314.6         29         240.9         29	No. of holdings         Area (ha)         Iron ploughs         Power tillers         Shallow tube well         Deep tube well         Rower pump/Dhiki         Tractor         Thresher           352         13.4         29,437.2         381         2,932         88           3,987         239.2         29         88         88           7,037         1,071.9         59         293         1,143         29           17,152         11,879.1         59         938         29           5,307         6,855.8         29         440         29           293         683.8         29         29         4440         29           293         240.9         29         240.9         29         240.9         29         240.9         29         240.9         29         240.9         240.9         29         240.9	No. of holdings         Area (ha)         Iron ploughs         Power tillers         Shallow tube well         Deep tube well         Rower pump/Dhiki         Tractor         Thresher         Pumping set/ Motor           57,261         29,437.2         381         2,932         88         616           3,987         239.2         29         88         616           7,037         1,071.9         59         293         293           23,368         8,151.9         205         1,143         29         176           17,152         11,879.1         59         938         29         293           5,307         6,855.8         29         440         29         147           293         683.8         29         240.9         440         29         147           29         240.9         440	No. of holdings   Area (ha)   Iron ploughs   Tillers   Tillers	No. of holdings

Table 13. Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding

	То	tal					Number by	source (On	the day of e	numeration	)			
Total area of holding	No. of				Iron pl	loughs						Power tillers	6	
	holdings	Area (ha)	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/Ot hers	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others
Holding without land	352	13.4												
Holding with land	57,261	29,437.2	59	88	29	59								
Under 0.1 ha	3,987	239.2												
0.1 ha and Under 0.2 ha	7,037	1,071.9												
0.2 ha and Under 0.5 ha	23,368	8,151.9	29	59		59								
0.5 ha and Under 1 ha	17,152	11,879.1												
1 ha and Under 2 ha	5,307	6,855.8	29	29	29									
2 ha and Under 3 ha	293	683.8												
3 ha and Under 4 ha	88	314.6												
4 ha and Under 5 ha														
5 ha and Under 10 ha	29	240.9												
10 ha and over														
Total	57,613	29,450.6	59	88	29	59								

Table 13. Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding (Continued)

					Number b	y source (On	the day of enu	umeration)				
Total area of holding			Shallow	tube well					Deep to	ube well		
	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others
Holding without land												
Holding with land												
Under 0.1 ha												
0.1 ha and Under 0.2 ha												
0.2 ha and Under 0.5 ha												
0.5 ha and Under 1 ha												
1 ha and Under 2 ha												
2 ha and Under 3 ha												
3 ha and Under 4 ha												
4 ha and Under 5 ha												
5 ha and Under 10 ha												
10 ha and over												
Total												

Table 13. Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding (Continued)

					Number b	y source (On	the day of enu	umeration)				-
Total area of holding			Rower pum	p/Dhiki pump			I I I I I I I I I I I I I I I I I I I					
	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others		Total			Land owner's	Rented/ Others
Holding without land												
Holding with land							88	88	88			
Under 0.1 ha												
0.1 ha and Under 0.2 ha												
0.2 ha and Under 0.5 ha							59	59	59			
0.5 ha and Under 1 ha							29	29	29			
1 ha and Under 2 ha												
2 ha and Under 3 ha												
3 ha and Under 4 ha												
4 ha and Under 5 ha												
5 ha and Under 10 ha												
10 ha and over												
Total							88	88	88			

Table 13. Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding (Continued)

					Number I	oy source (On	the day of enu	meration)				
Total area of holding			Thre	sher					Pumping	set/ Motor		
	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others
Holding without land												
Holding with land	29	29	29				323	352	323	29		
Under 0.1 ha												
0.1 ha and Under 0.2 ha												
0.2 ha and Under 0.5 ha	29	29	29				117	117	117			
0.5 ha and Under 1 ha							147	176	147	29		
1 ha and Under 2 ha							59	59	59			
2 ha and Under 3 ha												
3 ha and Under 4 ha												
4 ha and Under 5 ha												
5 ha and Under 10 ha												
10 ha and over												
Total	29	29	29				323	352	323	29		

Table 13. Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding (Continued)

					Number b	y source (On	the day of enu	ımeration)				
Total area of holding			Animal d	lrawn cart					Spra	ayer		
	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others
Holding without land												
Holding with land							1,701	1,788	1,554	147		88
Under 0.1 ha							59	59	59			
0.1 ha and Under 0.2 ha												
0.2 ha and Under 0.5 ha							674	733	645	29		59
0.5 ha and Under 1 ha							440	469	410	59		
1 ha and Under 2 ha							469	469	381	59		29
2 ha and Under 3 ha							59	59	59			
3 ha and Under 4 ha												
4 ha and Under 5 ha												
5 ha and Under 10 ha												
10 ha and over												
Total							1,701	1,788	1,554	147		88

Table 13. Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding (Continued)

	Number by source (On the day of enumeration)												
Total area of holding			Other ed	quipment									
	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others							
Holding without land													
Holding with land	205	205	205										
Under 0.1 ha	29	29	29										
0.1 ha and Under 0.2 ha													
0.2 ha and Under 0.5 ha	147	147	147										
0.5 ha and Under 1 ha													
1 ha and Under 2 ha	29	29	29										
2 ha and Under 3 ha													
3 ha and Under 4 ha													
4 ha and Under 5 ha													
5 ha and Under 10 ha													
10 ha and over													
Total	205	205	205										

Table 14. Number of holdings, use of non-residential buildings according to source by total area of holding

		For	r keeping livesto	ck			F	or keeping poult	ry	
Total area of holding	No. of holdings		Number b	y source		No. of holdings		Number I	oy source	
	reporting the use	Total	Owned	Rented	Others	reporting the use	Total	Owned	Rented	Others
Holding without land	176	176	176			88	88	88		
Holding with land	52,248	59,108	58,669	147	293	12,695	12,959	12,901	29	29
Under 0.1 ha	2,346	2,375	2,346		29	528	528	528		
0.1 ha and Under 0.2 ha	5,688	6,069	5,981	59	29	880	880	880		
0.2 ha and Under 0.5 ha	22,048	23,808	23,661	29	117	5,014	5,014	5,014		
0.5 ha and Under 1 ha	16,536	19,468	19,380	29	59	4,427	4,515	4,486	29	
1 ha and Under 2 ha	5,219	6,890	6,802	29	59	1,759	1,935	1,906		29
2 ha and Under 3 ha	293	323	323			88	88	88		
3 ha and Under 4 ha	88	117	117							
4 ha and Under 5 ha										
5 ha and Under 10 ha	29	59	59							
10 ha and over										
Total	52,423	59,284	58,844	147	293	12,783	13,047	12,989	29	29

Table 14. Number of holdings, use of non-residential buildings according to source by total area of holding (Continued)

		For stor	ing agricultural p	roducts			For m	iscellaneous pur	poses	
Total area of holding	No. of holdings		Number b	y source		No. of holdings		Number I	oy source	
	reporting the use	Total	Owned	Rented	Others	reporting the use	Total	Owned	Rented	Others
Holding without land	29	29	29							
Holding with land	6,597	6,714	6,685	29		2,111	2,697	2,668		29
Under 0.1 ha	205	205	205			29	29	29		
0.1 ha and Under 0.2 ha	323	352	323	29		59	147	147		
0.2 ha and Under 0.5 ha	2,697	2,697	2,697			586	938	938		
0.5 ha and Under 1 ha	2,258	2,287	2,287			968	1,114	1,114		
1 ha and Under 2 ha	997	1,056	1,056			440	440	410		29
2 ha and Under 3 ha	88	88	88			29	29	29		
3 ha and Under 4 ha										
4 ha and Under 5 ha										
5 ha and Under 10 ha	29	29	29							
10 ha and over										
Total	6,626	6,744	6,714	29		2,111	2,697	2,668		29

Table 15. Number, area of holdings and number of holdings reporting forest trees by total area of holding

	To	otal			Forest Trees		
Total area of holding	No. of holdings	Area (ha)	No. of holdings		Compact Plantation		Number of scattered
	No. of Holdings	Alea (lia)	reporting	No. of holdings	Area (ha)	No. of trees	trees
Holding without land	352	13.4	88				909
Holding with land	57,261	29,437.2	40,080	18,501	1,970.7	2,942,397	1,303,373
Under 0.1 ha	3,987	239.2	1,202	117	0.8	1,407	13,018
0.1 ha and Under 0.2 ha	7,037	1,071.9	3,665	645	22.0	35,623	56,000
0.2 ha and Under 0.5 ha	23,368	8,151.9	16,536	6,568	321.7	420,648	373,795
0.5 ha and Under 1 ha	17,152	11,879.1	13,546	7,535	823.0	1,217,760	565,077
1 ha and Under 2 ha	5,307	6,855.8	4,779	3,342	657.0	1,057,323	286,746
2 ha and Under 3 ha	293	683.8	235	205	77.6	74,472	7,476
3 ha and Under 4 ha	88	314.6	88	88	68.6	135,163	938
4 ha and Under 5 ha							
5 ha and Under 10 ha	29	240.9	29				323
10 ha and over							
Total	57,613	29,450.6	40,168	18,501	1,970.7	2,942,397	1,304,282

Table 15. Number, area of holdings and number of holding reporting use of forest trees by total area of holding (continued)

	То	tal		No. of hole	ding reporting use of fo	rest trees	
Total area of holding	No. of holdings	Area (ha)	Total holding	For wood production	For herbal plants production	For soil and water conservation	Other
Holding without land	352	13.4	88	88			
Holding with land	57,261	29,437.2	40,080	39,581	147	117	235
Under 0.1 ha	3,987	239.2	1,202	1,202			
0.1 ha and Under 0.2 ha	7,037	1,071.9	3,665	3,636			29
0.2 ha and Under 0.5 ha	23,368	8,151.9	16,536	16,243	88	88	117
0.5 ha and Under 1 ha	17,152	11,879.1	13,546	13,458	29		59
1 ha and Under 2 ha	5,307	6,855.8	4,779	4,691	29	29	29
2 ha and Under 3 ha	293	683.8	235	235			
3 ha and Under 4 ha	88	314.6	88	88			
4 ha and Under 5 ha							
5 ha and Under 10 ha	29	240.9	29	29			
10 ha and over							
Total	57,613	29,450.6	40,168	39,669	147	117	235

Table 16. Number, area of holdings and number of holdings reporting ancillary agriculture activity on holding by total area of holding

Total area of helding	То	tal	Numbe	er of holding reporting anci	llary agriculture activity on h	nolding
Total area of holding	Number of Holdings	Area (ha)	Mushroom farming	Sericulture	Bee-keeping	Fishery
Holding without land	352	13.4			29	
Holding with land	57,261	29,437.2	205		4,632	205
Under 0.1 ha	3,987	239.2			88	
0.1 ha and Under 0.2 ha	7,037	1,071.9			176	
0.2 ha and Under 0.5 ha	23,368	8,151.9	29		1,818	59
0.5 ha and Under 1 ha	17,152	11,879.1	117		1,818	117
1 ha and Under 2 ha	5,307	6,855.8	59		704	29
2 ha and Under 3 ha	293	683.8				
3 ha and Under 4 ha	88	314.6			29	
4 ha and Under 5 ha						
5 ha and Under 10 ha	29	240.9				
10 ha and over						
Total	57,613	29,450.6	205		4,662	205

Table 16a. Number, area of holdings, number of holdings reporting fishery and number and area of fish pond by total area of holding

	То	tal			Fish	nery		
Total area of holding	Number of	Area (ha)	Number of holding		Pond		Rice field	Other
	Holdings	Alea (lla)	reporting	No of holdings	No. of pond	Area (ha)	No of holdings	No of holdings
Holding without land	352	13.4						
Holding with land	57,261	29,437.2	205	205	323	6.8	59	29
Under 0.1 ha	3,987	239.2						
0.1 ha and Under 0.2 ha	7,037	1,071.9						
0.2 ha and Under 0.5 ha	23,368	8,151.9	59	59	59	0.3		
0.5 ha and Under 1 ha	17,152	11,879.1	117	117	205	5.0	29	29
1 ha and Under 2 ha	5,307	6,855.8	29	29	59	1.5	29	
2 ha and Under 3 ha	293	683.8						
3 ha and Under 4 ha	88	314.6						
4 ha and Under 5 ha								
5 ha and Under 10 ha	29	240.9						
10 ha and over								
Total	57,613	29,450.6	205	205	323	6.8	59	29

Table 17. Number, area of holdings and number of holdings reporting agricultural credit by total area of holding

	То	tal	No. of holdings			Number	of holdings wit	h credit by mai	n source		
Total area of holding	No. of holdings	Area (ha)	without agricultural credit	Total	Cooperatives	ADB/N	Commercial Bank/financia I institution	Farmer's group	Women's group	Relatives	Other
Holding without land	352	13.4	293	59	29	29					
Holding with land	57,261	29,437.2	52,189	5,072	1,466	997	586	469	850	645	59
Under 0.1 ha	3,987	239.2	3,724	264	59	59	29	88	29		
0.1 ha and Under 0.2 ha	7,037	1,071.9	6,450	586	59	147	88	88	88	117	
0.2 ha and Under 0.5 ha	23,368	8,151.9	21,315	2,052	704	381	264	59	440	176	29
0.5 ha and Under 1 ha	17,152	11,879.1	15,627	1,525	410	293	117	176	205	293	29
1 ha and Under 2 ha	5,307	6,855.8	4,662	645	235	117	88	59	88	59	
2 ha and Under 3 ha	293	683.8	293								
3 ha and Under 4 ha	88	314.6	88								
4 ha and Under 5 ha											
5 ha and Under 10 ha	29	240.9	29								
10 ha and over											
Total	57,613	29,450.6	52,482	5,131	1,495	1,026	586	469	850	645	59

Table 18. Number, area of holdings, number of holdings reporting need for agricultural loan and purpose of loan by total area of holding

Total Anna of Holding	То	tal	No of holdings reporting need			Main purpose of	agricultural loan		
Total Area of Holding	Number of holdings	Area (ha)	for agricultural	Agricultural Inputs	Irrigation	Agricultural implements	Livestock/poultry farming	Fishery	Other
Holding without land	352	13.4	205	59	29		117		
Holding with land	57,261	29,437.2	14,982	2,287	2,903	792	7,506	323	1,173
Under 0.1 ha	3,987	239.2	1,056	293	59	29	616		59
0.1 ha and Under 0.2 ha	7,037	1,071.9	1,554	264	352		762	29	147
0.2 ha and Under 0.5 ha	23,368	8,151.9	6,216	850	1,290	352	3,313	88	323
0.5 ha and Under 1 ha	17,152	11,879.1	4,281	674	821	117	2,111	147	410
1 ha and Under 2 ha	5,307	6,855.8	1,701	176	352	205	674	59	235
2 ha and Under 3 ha	293	683.8	117	29		88			
3 ha and Under 4 ha	88	314.6	29		29				
4 ha and Under 5 ha									
5 ha and Under 10 ha	29	240.9	29				29		
10 ha and over									
Total	57,613	29,450.6	15,188	2,346	2,932	792	7,623	323	1,173

Table 19. Number, area of holdings, number of holdings reporting main source of income and sufficiency of income by total area of holding

	То	otal		Average	Main source of house		Sufficiency of ag	riculture produce
Total area of holding	Number of holdings	Area (ha)	Farm population	household size	Agriculture	Non-agriculture	Sufficient for household consumption	Insufficient for household consumption
Holding without land	352	13.4	1,583	4.5	117	235	29	323
Holding with land	57,261	29,437.2	251,679	4.4	50,019	7,242	13,927	43,334
Under 0.1 ha	3,987	239.2	15,803	4.0	2,521	1,466	88	3,900
0.1 ha and Under 0.2 ha	7,037	1,071.9	28,030	4.0	5,805	1,231	440	6,597
0.2 ha and Under 0.5 ha	23,368	8,151.9	97,986	4.2	21,051	2,316	4,398	18,970
0.5 ha and Under 1 ha	17,152	11,879.1	78,782	4.6	15,451	1,701	6,069	11,083
1 ha and Under 2 ha	5,307	6,855.8	28,411	5.4	4,779	528	2,639	2,668
2 ha and Under 3 ha	293	683.8	1,906	6.5	293		205	88
3 ha and Under 4 ha	88	314.6	704	8.0	88		59	29
4 ha and Under 5 ha								
5 ha and Under 10 ha	29	240.9	59	2.0	29		29	
10 ha and over								
Total	57,613	29,450.6	253,263	4.4	50,137	7,476	13,956	43,657

Table 19a. Number of holdings reporting whether agricultural / livestock produce is sufficient, period of insufficiency and income sources for insufficiency by total area of holding

		Total number of		Period of in	nsufficiency				Income sour	ces for insuf	ficiency		
Total area of holding	Total number of holdings	holdings reporting insufficiancy of own produce for household consumption	1 to 3 Months	4 to 6 Months	7 to 9 Months	10 to 12 Months	Own non- agricultural business	Wage earnings (within the district)	Wage earnings (outside the district)	Wage earnings (outside the	Pension	Borrowing	Other
Holding without land	352	323			29	293		147		59	88	29	
Holding with land	57,261	43,334	5,453	17,885	13,985	6,011	1,261	16,595	2,492	14,396	5,952	2,199	440
Under 0.1 ha	3,987	3,900	29	293	1,319	2,258	147	1,788	205	1,261	235	235	29
0.1 ha and Under 0.2 ha	7,037	6,597	264	1,437	3,489	1,407	147	2,668	293	2,492	557	323	117
0.2 ha and Under 0.5 ha	23,368	18,970	2,052	8,591	6,714	1,613	469	6,978	1,114	6,949	2,228	997	235
0.5 ha and Under 1 ha	17,152	11,083	2,434	5,805	2,140	704	352	4,046	762	3,079	2,404	410	29
1 ha and Under 2 ha	5,307	2,668	645	1,701	293	29	147	1,056	117	616	498	235	
2 ha and Under 3 ha	293	88		59	29			29			29		29
3 ha and Under 4 ha	88	29	29					29					
4 ha and Under 5 ha													
5 ha and Under 10 ha	29												
10 ha and over													
Total	57,613	43,657	5,453	17,885	14,015	6,304	1,261	16,741	2,492	14,455	6,040	2,228	440

Table 20. Number of holdings reporting one way travel time to the nearest agriculture market

T	То	tal		No. of hold	lings reporting acces	s to nearest agricult	ure market	
Total area of holding	Number of Holdings	Area (ha)	Nearby household	10 -30 minutes	30 minutes to 1 hour	1 -2 hours	2 - 3 hours	3 hours and more
Holding without land	352	13.4	205	59	59	29		
Holding with land	57,261	29,437.2	9,998	8,825	9,822	17,680	7,946	2,991
Under 0.1 ha	3,987	239.2	1,143	645	645	1,202	205	147
0.1 ha and Under 0.2 ha	7,037	1,071.9	1,202	938	1,202	2,434	968	293
0.2 ha and Under 0.5 ha	23,368	8,151.9	4,251	3,489	4,017	7,447	2,873	1,290
0.5 ha and Under 1 ha	17,152	11,879.1	2,434	3,108	2,991	4,955	2,873	792
1 ha and Under 2 ha	5,307	6,855.8	880	616	850	1,554	997	410
2 ha and Under 3 ha	293	683.8	59	29	88	59		59
3 ha and Under 4 ha	88	314.6	29		29	29		
4 ha and Under 5 ha								
5 ha and Under 10 ha	29	240.9					29	
10 ha and over								
Total	57,613	29,450.6	10,203	8,884	9,881	17,709	7,946	2,991

Table 20a. Number, area of holdings and number of holdings reporting mode of transport to reach the nearest agricultural market by total area of holding

	То	tal		1	No. of holdings report	ting mode of transpo	rt	
Total area of holding	Number of Holdings	Area (ha)	On foot (without load)	Bicycle / rickshaw	Motorcycle / tempo	Car/bus	Mixed (foot+vehicle)	Nearby household
Holding without land	352	13.4	117			29		205
Holding with land	57,261	29,437.2	23,426		29	9,910	13,897	9,998
Under 0.1 ha	3,987	239.2	1,642			674	528	1,143
0.1 ha and Under 0.2 ha	7,037	1,071.9	3,079		29	1,114	1,613	1,202
0.2 ha and Under 0.5 ha	23,368	8,151.9	9,441			3,958	5,717	4,251
0.5 ha and Under 1 ha	17,152	11,879.1	6,919			3,137	4,662	2,434
1 ha and Under 2 ha	5,307	6,855.8	2,170			909	1,349	880
2 ha and Under 3 ha	293	683.8	88			117	29	59
3 ha and Under 4 ha	88	314.6	59					29
4 ha and Under 5 ha								
5 ha and Under 10 ha	29	240.9	29					
10 ha and over								
Total	57,613	29,450.6	23,544		29	9,939	13,897	10,203

Table 21. Number, area of holdings, number of holdings reporting holder as head of the household and classification of household by total area of holding

	То	tal	Househ	old head	С	lassification of househo	ld
Total area of holding	Number of holdings	Area (ha)	Holdings with holder as household head	Holdings with other person as household head	Single-holding household	Multi-holding household	Partnership household
Holding without land	352	13.4	352		352		
Holding with land	57,261	29,437.2	53,860	3,401	56,000	997	264
Under 0.1 ha	3,987	239.2	3,665	323	3,958		29
0.1 ha and Under 0.2 ha	7,037	1,071.9	6,744	293	6,978		59
0.2 ha and Under 0.5 ha	23,368	8,151.9	22,078	1,290	22,723	586	59
0.5 ha and Under 1 ha	17,152	11,879.1	15,950	1,202	16,712	381	59
1 ha and Under 2 ha	5,307	6,855.8	5,043	264	5,248		59
2 ha and Under 3 ha	293	683.8	264	29	264	29	
3 ha and Under 4 ha	88	314.6	88		88		
4 ha and Under 5 ha							
5 ha and Under 10 ha	29	240.9	29		29		
10 ha and over							
Total	57,613	29,450.6	54,212	3,401	56,352	997	264

Table 22. Number, area of holdings, number of holdings reporting, main purpose of production and main production of the holding by total area of holding

	То	tal	Main por	•				Main producti	on of holdings	3		
Total area of holding	Number of holdings	Area (ha)	For household Consumptio	For sale	Cereals	Vegetables	Horticulture	Other crops	Livestock	Poultry	Fishery	Other
Holding without land	352	13.4	323	29	88	29			176	59		
Holding with land	57,261	29,437.2	56,587	674	55,737	968	176	59	264			59
Under 0.1 ha	3,987	239.2	3,987		3,489	323	29		147			
0.1 ha and Under 0.2 ha	7,037	1,071.9	7,007	29	6,802	176			29			29
0.2 ha and Under 0.5 ha	23,368	8,151.9	23,075	293	22,723	381	117	59	59			29
0.5 ha and Under 1 ha	17,152	11,879.1	16,947	205	17,093	59						
1 ha and Under 2 ha	5,307	6,855.8	5,190	117	5,219	29	29		29			
2 ha and Under 3 ha	293	683.8	264	29	293							
3 ha and Under 4 ha	88	314.6	88		88							
4 ha and Under 5 ha												
5 ha and Under 10 ha	29	240.9	29		29							
10 ha and over												
Total	57,613	29,450.6	56,909	704	55,825	997	176	59	440	59		59

Table 23. Number, area of holdings, number of holdings reporting other economic production activity by total area of holding

	T	otal				0	ther main e	conomic pro	oduction avti	vity of holding				
Total area of holding	Number of holdings	Area (ha)	Mining and quarrying	Manufac turing	Electricity, gas and water	Construction	Wholesale and retail trade	Hotel and restaurant s	Transport, communic ation and storage	Financial intermediatio n	Real state/profe ssional services	Education	Health	Community social and personal services
Holding without land	352	13.4		29										
Holding with land	57,261	29,437.2	59	498	205	792	1,847	1,378	323	117	88	762	117	352
Under 0.1 ha	3,987	239.2		29		205	205	176	59					29
0.1 ha and Under 0.2 ha	7,037	1,071.9		29	29	88	176	88	88	29		59	29	29
0.2 ha and Under 0.5 ha	23,368	8,151.9	59	147	29	176	792	498	88	29		264	29	117
0.5 ha and Under 1 ha	17,152	11,879.1		205	147	293	440	469	59	29	29	352	59	147
1 ha and Under 2 ha	5,307	6,855.8		88		29	235	147	29	29	59	59		29
2 ha and Under 3 ha	293	683.8										29		
3 ha and Under 4 ha	88	314.6												
4 ha and Under 5 ha														
5 ha and Under 10 ha	29	240.9												
10 ha and over														
Total	57,613	29,450.6	59	528	205	792	1,847	1,378	323	117	88	762	117	352

Table 24. Number, area of holdings, number of holdings reporting and area of land made uncultivable due to soil degradation by total area of holding

	То	tal			Types of soil	degradation		
Total area of holding			Soil e	rosion	Chemical o	legradation	Physical de	egradation
	Number of holdings	Area (ha)	No. of holdings reporting	Area (ha)	No. of holdings reporting	Area (ha)	No. of holdings reporting	Area (ha)
Holding without land	352	13.4						
Holding with land	57,261	29,437.2	2,873	300.3	29	4.5	3,665	402.8
Under 0.1 ha	3,987	239.2	59	3.4			88	5.7
0.1 ha and Under 0.2 ha	7,037	1,071.9	205	22.0			176	13.1
0.2 ha and Under 0.5 ha	23,368	8,151.9	1,085	102.3	29	4.5	1,319	127.7
0.5 ha and Under 1 ha	17,152	11,879.1	1,026	118.2			1,583	193.8
1 ha and Under 2 ha	5,307	6,855.8	498	54.4			469	58.1
2 ha and Under 3 ha	293	683.8					29	4.5
3 ha and Under 4 ha	88	314.6						
4 ha and Under 5 ha								
5 ha and Under 10 ha	29	240.9						
10 ha and over								
Total	57,613	29,450.6	2,873	300.3	29	4.5	3,665	402.8

Table 25. Number of holdings by type of employment of agricultural workers and number of permanent agricultural workers by sex and by total area of holding

			Permane	ent basis			Occasi	onal basis			Exchange of	f labour basi	<u> </u>
Total area of holding	Total no. of holdings	No. of holdings	No . of	agriculture	workers	No. of holdings	No. of agric	culture workers	s (man days)	No. of holdings	No. of ag	riculture wor days)	kers (man
		reporting	Total	Male	Female	reporting	Total	Male	Female	reporting	Total	Male	Female
Holding without land	352					29	147		147	59	469		469
Holding with land	57,261	293	704	498	205	30,786	1,173,956	480,724	693,232	40,226	1,650,634	556,896	1,093,738
Under 0.1 ha	3,987					880	18,032	6,538	11,493	1,730	34,949	11,376	23,573
0.1 ha and Under 0.2 ha	7,037					3,020	69,751	27,297	42,455	4,867	141,262	38,086	103,176
0.2 ha and Under 0.5 ha	23,368	88	235	176	59	13,077	442,814	180,755	262,059	17,240	620,051	203,830	416,221
0.5 ha and Under 1 ha	17,152	88	176	117	59	10,262	428,330	177,149	251,181	12,256	607,766	212,479	395,287
1 ha and Under 2 ha	5,307	88	205	147	59	3,254	193,480	80,189	113,291	3,812	215,499	78,371	137,128
2 ha and Under 3 ha	293					205	13,106	4,691	8,415	235	20,964	8,209	12,754
3 ha and Under 4 ha	88	29	88	59	29	59	7,799	3,812	3,987	59	5,453	2,199	3,254
4 ha and Under 5 ha													
5 ha and Under 10 ha	29					29	645	293	352	29	4,691	2,346	2,346
10 ha and over													
Total	57,613	293	704	498	205	30,815	1,174,103	480,724	693,379	40,285	1,651,104	556,896	1,094,207

Table 26. Number of holdings reporting by holder's age, sex and total area of holding

			Number of holdings by holder's age and sex							
Total area of holding	Total no. of holdings	All a	iges	Under	15 years	15 - 24	1 years	25 - 34	l years	
	· ·	Male	Female	Male	Female	Male	Female	Male	Female	
Holding without land	352	176	176					29	29	
Holding with land	57,261	36,092	21,169			381	821	1,935	4,955	
Under 0.1 ha	3,987	2,082	1,906			59	205	235	528	
0.1 ha and Under 0.2 ha	7,037	3,724	3,313				176	235	880	
0.2 ha and Under 0.5 ha	23,368	13,282	10,086			147	323	968	2,316	
0.5 ha and Under 1 ha	17,152	12,256	4,896			176	117	381	1,085	
1 ha and Under 2 ha	5,307	4,339	968					117	147	
2 ha and Under 3 ha	293	293								
3 ha and Under 4 ha	88	88								
4 ha and Under 5 ha										
5 ha and Under 10 ha	29	29								
10 ha and over										
Total	57,613	36,268	21,345			381	821	1,964	4,984	

Table 26. Number of holdings reporting by holder's age, sex and total area of holding (Continued)

			N	umber of holdings by	y holder's age and se	эх		
Total area of holding	35 - 44	l years	45 - 54	l years	55 - 64	years	65 years	and over
	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	59	59	29	29	59	29		29
Holding with land	6,509 5,600		9,353	4,515	9,294	3,254	8,620	2,023
Under 0.1 ha	704	264	469	498	205	235	410	176
0.1 ha and Under 0.2 ha	792	821	1,231	616	733	528	733	293
0.2 ha and Under 0.5 ha	2,463	2,756	3,782	2,111	3,137	1,671	2,785	909
0.5 ha and Under 1 ha	1,613	1,554	2,844	997	4,105	616	3,137	528
1 ha and Under 2 ha	880	205	909	293	1,026	205	1,407	117
2 ha and Under 3 ha	29		88		29		147	
3 ha and Under 4 ha	29				59			
4 ha and Under 5 ha								
5 ha and Under 10 ha			29					
10 ha and over								
Total	6,568	5,659	9,382	4,545	9,353	3,284	8,620	2,052

Table 27. Area of holdings reporting by holder's age, sex and total area of holding

				Are	a (ha) of holdings	by holder's age and	sex			
Total area of holding	Total area of holdings (ha)	All a	ges	Under '	15 Years	15 - 24	Years	25 - 34	Years	
	<b>3</b> \ , ,	Male	Female	Male	Female	Male	Female	Male	Female	
Holding without land	13.4	2.1	11.3					0.4	0.0	
Holding with land	29,437.2	20,820.9	8,616.2			169.0	240.1	802.6	1,870.7	
Under 0.1 ha	239.2	121.0	118.2			1.0	14.6	13.1	31.9	
0.1 ha and Under 0.2 ha	1,071.9	555.2	516.7				28.7	34.9	135.2	
0.2 ha and Under 0.5 ha	8,151.9	4,736.2	3,415.7			56.2	112.7	343.1	769.9	
0.5 ha and Under 1 ha	11,879.1	8,539.3	3,339.8			111.8	84.1	249.7	730.4	
1 ha and Under 2 ha	6,855.8	5,629.9	1,225.9					161.8	203.3	
2 ha and Under 3 ha	683.8	683.8								
3 ha and Under 4 ha	314.6	314.6								
4 ha and Under 5 ha										
5 ha and Under 10 ha	240.9	240.9								
10 ha and over										
Total	29,450.6	20,823.0	8,627.6			169.0	240.1	802.9	1,870.7	

Table 27. Area of holdings reporting by holder's age, sex and total area of holding (Continued)

			Ar	ea (ha) of holdings b	y holder's age and s	ex			
Total area of holding	35 - 44	Years	45 - 54	Years	55 - 64	Years	65 Years and over		
	Male	Female	Male	Female	Male	Female	Male	Female	
Holding without land	0.4	9.6	0.4	0.0	0.9	1.0		0.7	
Holding with land	3,497.3	2,392.5	5,068.7	1,930.7	5,752.2	1,370.3	5,531.1	812.0	
Under 0.1 ha	41.1	15.9	28.1	29.2	15.9	15.3	21.7	11.2	
0.1 ha and Under 0.2 ha	121.4	127.4	177.6	98.5	111.7	82.4	109.6	44.5	
0.2 ha and Under 0.5 ha	856.1	939.3	1,330.9	726.6	1,137.2	570.3	1,012.7	296.8	
0.5 ha and Under 1 ha	1,136.4	1,059.0	1,933.9	691.1	2,913.8	441.4	2,193.8	333.9	
1 ha and Under 2 ha	1,153.4	250.9	1,147.9	385.3	1,314.6	260.9	1,852.2	125.4	
2 ha and Under 3 ha	74.6		209.5		58.7		341.1		
3 ha and Under 4 ha	114.3				200.3				
4 ha and Under 5 ha									
5 ha and Under 10 ha			240.9						
10 ha and over									
Total	3,497.7	2,402.1	5,069.1	1,930.7	5,753.1	1,371.3	5,531.1	812.7	

Table 28. Farm population by age, sex and total area of holding

					Farm po	pulation			
Total area of holding	Total number of holdings	All A	ges	Under 1	5 Years	15 - 24	Years	25 - 34	Years
	Ü	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	352	733	850	293	176	88	205	88	117
Holding with land	57,261	112,089	139,591	37,705	36,532	22,371	28,587	8,591	19,410
Under 0.1 ha	3,987	7,183	8,620	2,668	2,727	1,349	1,466	762	1,407
0.1 ha and Under 0.2 ha	7,037	11,728	16,302	4,486	5,483	1,906	3,079	1,026	2,082
0.2 ha and Under 0.5 ha	23,368	43,452	54,534	15,686	14,103	8,767	11,171	3,167	7,770
0.5 ha and Under 1 ha	17,152	35,682	43,100	10,907	10,115	7,476	9,412	2,492	5,629
1 ha and Under 2 ha	5,307	12,666	15,745	3,489	3,841	2,609	3,049	997	2,287
2 ha and Under 3 ha	293	968	938	293	235	205	264	117	176
3 ha and Under 4 ha	88	381	323	176	29	59	147	29	59
4 ha and Under 5 ha									
5 ha and Under 10 ha	29	29	29						
10 ha and over									
Total	57,613	112,822	140,441	37,998	36,708	22,459	28,792	8,679	19,527

Table 28. Farm population by age, sex and total area of holding (Continued)

				Farm po	pulation			
Total area of holding	35 - 44	Years	45 - 54	Years	55 - 64	Years	65 Years	and over
	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	147	205	59	59	59	29		59
Holding with land	10,379	17,474	11,376	15,539	10,614	11,933	11,053	10,115
Under 0.1 ha	880	1,143	616	909	352	528	557	440
0.1 ha and Under 0.2 ha	1,202	2,111	1,319	1,642	821	1,085	968	821
0.2 ha and Under 0.5 ha	3,870	6,978	4,750	6,098	3,665	4,750	3,548	3,665
0.5 ha and Under 1 ha	2,903	5,424	3,460	5,043	4,427	4,075	4,017	3,401
1 ha and Under 2 ha	1,407	1,701	1,114	1,730	1,261	1,349	1,788	1,788
2 ha and Under 3 ha	88	88	88	88	29	88	147	
3 ha and Under 4 ha	29	29			59	59	29	
4 ha and Under 5 ha								
5 ha and Under 10 ha			29	29				
10 ha and over								
Total	10,526	17,680	11,435	15,598	10,672	11,962	11,053	10,174

Table 29. Educational level of holders

	То	tal				Level of e	education			
Total area of hoding	10	lai	Upto 5	class	6 - 10	class	SI	_C	Intermediate	level / 10+2
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	176	176 176		29	88					
Holding with land	36,092	36,092 21,169		2,170	7,946	4,310	2,287	704	1,173	293
Under 0.1 ha	2,082	1,906	176	293	352	293	147	88	29	29
0.1 ha and Under 0.2 ha	3,724	3,313	498	469	821	586	176	117	117	29
0.2 ha and Under 0.5 ha	13,282	10,086	1,613	821	3,254	2,052	704	235	469	176
0.5 ha and Under 1 ha	12,256	4,896	1,701	528	2,521	1,143	762	235	293	59
1 ha and Under 2 ha	4,339	968	469	59	968	235	440	29	264	
2 ha and Under 3 ha	293		88		29		29			
3 ha and Under 4 ha	88						29			
4 ha and Under 5 ha										
5 ha and Under 10 ha	29		29							
10 ha and over										
Total	36,268	21,345	4,603	2,199	8,034	4,310	2,287	704	1,173	293

Table 29. Educational level of holder (Continued)

					Level of e	education					
Total area of holding	Bachelor's level		Master'	Master's level		al Degree	Literate (non-for	rmal education)	Illiterate		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Holding without land							29	29	29	117	
Holding with land	557		176		117		10,643	4,808	8,620	8,884	
Under 0.1 ha	29		59				821	381	469	821	
0.1 ha and Under 0.2 ha	29				29		1,026	880	1,026	1,231	
0.2 ha and Under 0.5 ha	147		29				3,460	2,199	3,606	4,603	
0.5 ha and Under 1 ha	293		88		59		3,724	1,114	2,815	1,818	
1 ha and Under 2 ha	59				29		1,437	235	674	410	
2 ha and Under 3 ha							117		29		
3 ha and Under 4 ha							59				
4 ha and Under 5 ha											
5 ha and Under 10 ha											
10 ha and over											
Total	557		176		117		10,672	4,838	8,649	9,001	

Table 30. Educational level of farm population other than holder

Total	67,259	111,033	23,485	26,886	25,039	34,275	5,483	5,307	5,571	6,978	
10 ha and over											
5 ha and Under 10 ha		29									
4 ha and Under 5 ha											
3 ha and Under 4 ha	235	323	88	59	29	176			88	29	
2 ha and Under 3 ha	645	909	235	235	264	381	59		59	88	
1 ha and Under 2 ha	7,183	13,751	1,906	2,463	2,756	4,163	674	704	792	792	
0.5 ha and Under 1 ha	20,318	35,565	6,421	6,978	7,564	11,112	1,613	1,935	2,228	2,521	
0.2 ha and Under 0.5 ha	26,886	41,663	9,588	10,526	10,320	13,194	2,404	1,876	1,906	2,639	
0.1 ha and Under 0.2 ha	6,919	12,138	3,167	4,603	2,609	3,460	469	528	147	528	
Under 0.1 ha	4,574	5,981	1,906	1,818	1,290	1,554	235	264	293	293	
Holding with land	66,761	110,359	23,309	26,681	24,834	34,040	5,453	5,307	5,512	6,890	
Holding without land	498	674	176	205	205	235	29		59	88	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Total area of hoding	10	itai	Upto 5	class	6 - 10	class	SI	_C	Intermediate level / 10+2		
	То	tal				Level of	education				

Table 30. Educational level of farm population other than holder (Continued)

					Level of e	education					
Total area of holding	Bachelo	r's level	Master	's level	Profession	nal Degree	Literate (non-fo	rmal education)	Illiterate		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Holding without land		29					29	59		59	
Holding with land	1,466	1,759	557	235	59		3,049	12,197	2,521	23,250	
Under 0.1 ha	59	29	29		29		293	880	440	1,143	
0.1 ha and Under 0.2 ha	117	29	29				147	1,056	235	1,935	
0.2 ha and Under 0.5 ha	352	733	176	88			1,173	4,251	968	8,356	
0.5 ha and Under 1 ha	586	616	176	147	29		1,085	4,105	616	8,151	
1 ha and Under 2 ha	323	323	147				352	1,788	235	3,518	
2 ha and Under 3 ha	29	29						88		88	
3 ha and Under 4 ha								29	29	29	
4 ha and Under 5 ha											
5 ha and Under 10 ha										29	
10 ha and over											
Total	1,466	1,788	557	235	59		3,079	12,256	2,521	23,309	

Table 31. Occupational distribution of holder

	_							Main oc	cupation					
Total area of hoding	Total		Armed	forces	Mana	agers	Profes	sionals	Technicians and associate		Clerical support workers		Service and sales workers	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	176	176												
Holding with land	36,092	21,169	29		88	29	235	29	205		147	29	323	59
Under 0.1 ha	2,082	1,906			29		29		29				59	
0.1 ha and Under 0.2 ha	3,724	3,313									59		88	
0.2 ha and Under 0.5 ha	13,282	10,086			29		29		29		59	29	88	59
0.5 ha and Under 1 ha	12,256	4,896	29			29	117	29	88		29		59	
1 ha and Under 2 ha	4,339	968			29		59		59				29	
2 ha and Under 3 ha	293													
3 ha and Under 4 ha	88													
4 ha and Under 5 ha														
5 ha and Under 10 ha	29													
10 ha and over														
Total	36,268	21,345	29		88	29	235	29	205		147	29	323	59

Table 31. Occupational distribution of holder (Continued)

							Main oc	cupation							
Total area of holding	, , ,					d machine ors and		worker at entary	Household chores		Student		Not wo	Not working	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Holding without land	117	147	29						29	29					
Holding with land	32,252	20,113	880		352	29	235		557	733	59		733	147	
Under 0.1 ha	1,642	1,818	117		29		29		59	29	29		29	59	
0.1 ha and Under 0.2 ha	3,167	3,196	205		29		88		59	117			29		
0.2 ha and Under 0.5 ha	12,080	9,470	323		176		59		176	498			235	29	
0.5 ha and Under 1 ha	11,083	4,750	176		117		59		205	88	29		264		
1 ha and Under 2 ha	3,900	880	59			29			59				147	59	
2 ha and Under 3 ha	264												29		
3 ha and Under 4 ha	88														
4 ha and Under 5 ha															
5 ha and Under 10 ha	29														
10 ha and over															
Total	32,369	20,260	909		352	29	235		586	762	59		733	147	

Table 32. Occupational distribution of farm population other than holder

								Main oc	cupation					
Total area of hoding	Total		Armed	forces	Mana	agers	Profes	sionals	Technicians and associate		Clerical support workers		Service and sales workers	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	410	616												
Holding with land	55,209	97,927	293	117	205	381	293	293	557	205	205	117	440	205
Under 0.1 ha	3,606	5,131			29			29		29				
0.1 ha and Under 0.2 ha	5,453	9,881		59	29	59	29		88			29	29	
0.2 ha and Under 0.5 ha	22,195	36,708	205	29	88	117	176	147	176	88	59	29	88	88
0.5 ha and Under 1 ha	17,064	32,691	88		29	117	88	88	176	59	88	59	264	117
1 ha and Under 2 ha	6,245	12,402		29	29	59		29	117	29	59		59	
2 ha and Under 3 ha	469	792				29								
3 ha and Under 4 ha	176	293												
4 ha and Under 5 ha														
5 ha and Under 10 ha		29												
10 ha and over														
Total	55,619	98,543	293	117	205	381	293	293	557	205	205	117	440	205

Table 32. Occupational distribution of farm population other than holder (Continued)

							Main oc	cupation						
Total area of holding	torestry and tishery			nd related oper		d machine ors and nblers	eleme	Unskilled worker at elementary occupation		ld chores	Student		Not working	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	117	176	29	29			29			176	235	235		
Holding with land	12,519	42,191	2,023	557	440	117	968	235	850	16,507	33,981	34,099	2,434	2,903
Under 0.1 ha	704	1,759	498	147	29	88	59	88	88	1,026	2,052	1,906	147	59
0.1 ha and Under 0.2 ha	1,231	3,577	264	88			117		59	1,495	3,313	4,369	293	205
0.2 ha and Under 0.5 ha	4,545	15,745	704	235	176		323	59	323	5,659	14,601	13,487	733	1,026
0.5 ha and Under 1 ha	4,075	15,070	352	59	147	29	381		205	5,395	10,233	10,702	938	997
1 ha and Under 2 ha	1,730	5,512	205	29	88		88	88	88	2,756	3,460	3,254	323	616
2 ha and Under 3 ha	176	352							59	117	235	293		
3 ha and Under 4 ha	59	147							29	59	88	88		
4 ha and Under 5 ha														
5 ha and Under 10 ha		29												
10 ha and over														
Total	12,637	42,367	2,052	586	440	117	997	235	850	16,683	34,216	34,333	2,434	2,903

## **TECHNICAL NOTES**

#### 1. METHODOLOGY

#### Scope and coverage

The Agricultural Census covers the whole of Nepal, including all the urban areas. Only agricultural holdings operated by households are included. Agricultural activities undertaken by government organizations, businesses, etc. are excluded.

The main statistical unit in the Agricultural Census is the agricultural holding (see definition below).

#### Sampling frames

There are two types of sampling frames used in the sampling design:

- 1. The frame for selection of enumeration areas (EAs), and,
- 2. The frame for selection of holdings.

The sampling frame was prepared from the list of enumeration areas (EAs) from the 2011 Population Census. The frame contained a listing of wards and blocks, along with the number of houses, households and agricultural households (holdings).

In order to prepare a frame for the agricultural holdings, a stratified list of agricultural households was carried out in each selected EA from the agriculture census listing.

### Sample design and selection

The basic sampling methodology used was a two-stage area sampling, as follows:

- The first stage: selection of a stratified sample of enumeration areas (EAs) with probability proportional to the expected number of holdings (stratified PPS sampling);
- The second stage: within selected EAs, the selection of a sample agricultural holding using stratified systematic random sampling.

Enumeration areas were defined as wards or, in cases where wards contained less than 25 holdings, combinations of wards. In cases of very large wards, smaller segments were prepared for making sizable EAs. For such wards, the block maps prepared during the 2011 population census were used.

The number of EAs allocated for each district was determined on the basis of the total area under the nine major crops in the district ( $X_d$ ). The average area of the nine major crops (for the last three years) published by the Ministry of Agriculture Development (MoAD) was the measure of size for the allocation. The number of EAs ( $n_d$ ) selected from a district was based on the following "compromise power" allocation:

$$n_d \propto (X_d)^{0.4}$$

However, the districts having less than 50 EAs were assigned to 50 EAs for better estimation. Thus, districts varied from 50 to 107 EAs according to their agricultural importance.

Between 20 and 30 holdings were selected in each selected EA. To select the sample, holdings were divided into four strata (based on the size of the holding) and systematic random sampling was applied in each stratum. Holdings were identified on the basis of the place of residence of the person operating the holding.

The sample selection was done in such a way that all holdings in a given district had the same chance of selection in the sample. Manang District was completely enumerated because it had only a small number of holdings.

Altogether, 5,200 EAs were selected. The final sample of the holdings for the country was 1,24,144.

#### Census content

Census concepts, questionnaires and procedures were developed in accordance with FAO guidelines as set out in the document <u>FAO Statistical Development Series 11 – A system of integrated agricultural censuses and surveys; Volume 1, World Programme for the Census of Agriculture 2010.</u> The guidelines provide detailed recommendations to countries on topics to be covered, statistical concepts and definitions, classifications and output.

The primary reference period for the data collected in the census was the calendar year 2011. Land area and livestock were collected in respect of the day of enumeration.

### 2. DEFINITIONS OF TERMS USED

**Holding:** An agricultural holding is an economic unit of agricultural production under single management comprising all livestock and poultry kept, and all land used wholly or partly for agricultural production purposes.

Small agricultural operations were excluded from the census. A holding was considered to be an agricultural unit satisfying any one of the following conditions:

- having area under crops greater than or equal to a quarter of a ropani (or four anna) in the hill or mountain district (0.01272 hectares), or greater than or equal to eight dhur (0.01355 hectares) in the Terai; or
- keeping one or more head of cattle or buffaloes; or
- keeping five or more head of sheep or goats; or
- keeping 20 or more poultry.

A household with livestock but no land was not considered a holding if the household did not use the livestock for agricultural purposes (e.g. a livestock trader).

The holding includes all land operated, whether or not it is owned by the holding. The holding's land may consist of one or more parcels located in one or more separate areas within a district. The holding is generally the same as a household (see definition of household).

Public grazing land is excluded. Land owned jointly by more than one person for grazing or for other purposes is included.

Holdings are defined in terms of their land and livestock holdings on the day of the census enumeration.

The Nepali word for the term holding used in the census was "chalan (which means being used)" or "chalan gareko jagga".

**Parcel:** Land operated by a holding consists of one or more parcels. A parcel is a piece of land entirely surrounded by land operated by someone else or not operated at all. A parcel may consist of one or more adjacent fields. The Agricultural Census parcel may be different from the parcel used in cadastral work.

**Holdings without land** are holdings keeping livestock but having an area under crops of less than 0.01272 hectares in the hill or mountain districts, or 0.01355 hectares in the Terai (see definition of holding). Holdings without land are shown in the tables as having a small area of land.

**Holder:** The holder is the person in the holding who exercises the management control over the operations of the holding. There is only one holder in each holding. The holder may or may not be the same person as the household head.

**Household:** A household is a group of persons who live in the same dwelling and make common arrangements for the provision of food and other essentials of daily living. A household may comprise one or more persons and may include unrelated persons. More than one household may live in a single house.

**Head of the household:** The head of the household is the person in the household acknowledged as head by the other members. The head has primary authority and responsibility for household affairs. The head of the household may or may not be the same person as the holder.

**Wet land** refers to low land where water remains on the surface or on the upper soil layer, making the land suitable for main paddy cultivation.

**Dry land** refers to any land other than the wet land, i.e., land which is not suitable for main paddy.

Land tenure refers to arrangements or rights under which the holder operates the land of a holding. A holding may be operated under one or more tenure forms. For the purposes of the Agricultural Census, there are three forms of land tenure – land owned by the holding, land rented from others and other tenure forms.

**Land owned** is the land area operated by the holding for which the holder possesses title of ownership. Land owned also includes land which the holder can reasonably expect to eventually possess title of ownership (e.g. inherited land) and land which has been operated for many years by the same holder without any other claims being made on the land.

For the purposes of measuring land operated by holdings, land owned does not include land owned but rented to others.

**Land rented from others** is the land rented or leased by the holder from other persons. Land rented is divided into a number of categories according to the basis on which the land was rented:

- rented for a fixed amount of money;
- rented for a fixed quantity of the produce;
- rented for a fixed share of the produce;
- rented in exchange for services provided (e.g. labor);
- rented as part of a mortgage arrangement; and
- other rental arrangements (e.g. rented for no payment).

**Other tenure forms** refer to land operated under tenure conditions other than ownership or renting from others. This includes squatter land and land under dispute.

**Land rented out** refers to land owned by the holder but rented to other persons, usually for a limited time period.

**Land use** refers to the major classes of land use on the holding. For the purposes of the Agricultural Census, land operated by the holding is classified according to the land use categories given below:

- (a) Agricultural land
  - Crop land
    - Arable land
    - Land under permanent crops
    - Land under permanent pastures
  - Forest and other wooded land
- (b) Ponds
- (c) All other land

Arable land is further subdivided into land under temporary crops, land under temporary meadows and land under temporary fallow. Detailed descriptions of the various land use categories are given below.

**Arable land** refers to all land generally under cultivation and is divided into four categories:

- land under temporary crops,
- land under temporary meadows, and
- land left temporarily fallow.

A description of each of these categories is given below. Arable land excludes land under permanent crops.

Land under temporary crops refers to land used during the reference year for crops with an under-one-year growing cycle; i.e., crops, which must be newly sown or planted for further production after the harvest. Land under temporary crops shown in Table 3 refers to the use of the land, not to the area of temporary crops shown; land used for double cropping will be counted only once. By contrast, Tables 5 and 6 show the area of all crops sown – a double-cropped piece of land will be counted twice in these tables.

**Land under temporary meadows** refers to land, which has been cultivated with forage crops for mowing or pasture for less than five years.

**Fallow land** refers to land which the holder chose not to cultivate during the reference year, with the intention of cultivating it at a later date. Land which had been left idle for five years or more was included under another land use category (such as permanent meadows and pastures).

**Land under permanent crops** refers to land cultivated with long-term crops which do not have to be replanted for several years after each harvest.

**Permanent meadows and pastures** refer to land which have been used for five years or more for growing forage crops.

**Woodland or forest** refers to wood lots or timber tracts, natural or planted, constituting part of the holding which have or will have value as wood, timber, other forest products or for protection.

**Ponds** refer to land under permanent standing water. The ponds may be natural or man-made and may be used for fishing, watering livestock, irrigation or any other purpose.

**Other lands** refers to land which is not being cultivated and which would require some development before it could be brought into crop production and land occupied by buildings, roads, ornamental gardens and other open spaces on the holding.

**Irrigation** refers to purposively providing land with water, other than rain, for improving pastures or crop production. Natural flooding of land by rainfall or overflow of rivers is not considered as irrigation. Rainwater or uncontrolled flooding, which is collected and later used on the holding, is considered irrigation.

Land under irrigation is shown in the tables according to the source of irrigation water. The sources given are river/lake/pond (by gravity), river/lake/pond (by pumping), dam/reservoir, tube well/boring, other and mixed. "Others" includes taking the irrigation water from wells and springs. Mixed sources refer to a combination of the above sources (combination of two or more source).

**Area under temporary crops** refers to the area of temporary crops sown for harvest during the reference year 2011 (see under "Land under temporary crops" for definition of a temporary crop). Crops sown in 2010 for harvest during 2011 are included. Crops sown in 2011 for harvest in 2012 are excluded. Crops sown but not harvested (e.g. because of damage or weather conditions) are included.

The crop area data shown in Tables 5 and 6 refer to the area of all crops sown. This is greater than the land under temporary crops (as shown under land use in Table 3), because land may be used for cultivating crops in more than one season (double cropping).

**Crops under pure stand:** This refers to a single crop cultivated alone in a field (as opposed to a "mixed crop"). A pure stand crop may be either temporary or permanent. Crops cultivated on the same piece of land in two seasons (double cropping) are pure stand crops.

**Mixed crops** are two or more different temporary or permanent crops grown simultaneously in the same field or plot (as opposed to "pure stand" crops). Temporary and permanent crops cultivated together are called "associated crops".

Mixed crops include inter-planted crops and crops planted unsystematically as a mixture in a field. The area of mixed crops was estimated using whatever convenient method was appropriate. In some cases, the mixed cropland was divided according to estimates of the area under each crop. In other cases, this was not possible and an estimate based on seeding rates was made. In all cases, the total of the crop areas for the mixed cropland was the same as the area of the land itself.

**Associated crops** are temporary and permanent crops cultivated simultaneously in the same field. The area of each individual crop in associated crop land was determined using similar methods to that for mixed crops, and was done in such a way that the total of the individual associated crop areas was equal to the area of the associated crop land itself.

**Compact plantation:** A compact plantation of permanent crops refers to plants, trees and shrubs planted in a regular and systematic manner. Plants, trees or shrubs planted in sufficient density to permit measurement of the area planted, are also considered compact plantations. Permanent crops not forming a compact plantation are considered "scattered trees".

**Permanent crops of non-productive age** are permanent crops which are not bearing fruit or which are below the fruit bearing age.

**Permanent crops of productive age** are permanent crops which are already bearing fruit or are otherwise productive.

**Scattered trees** refer to plants or trees planted in a scattered or isolated manner throughout the holding. For scattered trees, it was only possible to collect data on the number of trees (not area of trees as for compact plantations).

**Fertilizers** refer to anything added to the soil to increase the amount of plant nutrients to promote crop growth. For census purposes, there are two types of fertilizers – local/organic and minerals/chemical.

Local/organic fertilizers are organic substances such as farmyard manures, compost, etc.

**Minerals/chemical fertilizers** are those fertilizers that are manufactured usually through an industrial process.

**Pesticides/insecticides** refer mainly to insecticides but also include fungicides, fumigants, herbicides, rodenticides and other materials.

**Local/improved/hybrid seeds:** This refers to whether or not the holding used high yield variety seeds on the holding during the reference year.

**Livestock:** Livestock data refer to numbers of animals kept by the holding on the day of enumeration. This includes livestock owned by the holding and livestock being leased in by the holding. The livestock counts include livestock present on the holding on the day of enumeration as well as livestock which are temporarily absent from the holding (e.g. being grazed off the holding). Livestock includes poultry.

Livestock data are shown in the tables for cattle, chaunri (including yaks), buffaloes, goats, sheep, pigs, horses, mules/asses, rabbits, other animals, chickens, ducks, pigeons, and other poultry.

**Agricultural implements:** Use of specified items of agricultural equipment refers to the use of the equipment for agricultural purpose on the holding during the reference year, regardless of whether the equipment was owned by the holding. Equipment not used for agricultural purposes is excluded. The number of items of the equipment used, as given in Table 12 and 13, refers to the number on the holding on the day of enumeration. Items used are shown according to ownership – either owned solely by the holding or owned by the landowner. The latter category includes any equipment not owned by the holding.

**Non-residential buildings:** This refers to the use of non-residential buildings on the holding for agricultural purposes during the reference year. Buildings are shown by different tenure and use. A building used for both residential and non-residential purposes is considered residential and therefore excluded.

**Forest trees on holding** refer to any trees present on the holding on the day of enumeration apart from fruit trees and any other trees categorized as permanent crops.

**Agricultural credit** refers to whether, on the day of enumeration, the holding owed money on any loan which had been received for agricultural purposes, regardless of when the loan had been taken out. The figures shown in the tables do not refer to the number of loans received during the reference year.

**Permanent agricultural workers** are workers employed permanently by the holding during the reference year. By permanent is meant that the person worked on the holding for six months or more during the reference year. In mountain areas, a permanent worker was anyone considered permanent by the holder.

Permanent workers exclude any members of the holder's household (even if the person is unrelated and being paid for work on the holding). The number of permanent workers was counted on the day of enumeration.

**Occasional agricultural workers** are workers employed by the holding who are not considered to be permanent. Occasional workers include only those who work for payment in cash or in goods on a daily basis. Work done in exchange for labor is not included.

An occasional worker who works around 8 hours a day is considered to be a man-day. The number of man-days workers was counted during the reference period.

**Exchange of labour (Parma) workers** includes only those who work without taking any kind of payments (cash or goods). In addition, holders exchange their family member as an agriculture worker within their community.

### 3. QUALITY CONTROL

The Agriculture Census 2011/12 was very much concerned about the quality control of data by initiating various mechanism to reduce the non-sampling error as far as possible. Sampling error was minimized through the modification of designs of the previous agriculture sample census. Training, supervision, completeness check, verification of data entry and consistency check were the quality control mechanisms for the data.

#### 4. INTERPRETATION OF DATA

Census estimates given in the tables are subject to sampling errors, i.e., errors arising because the data are based on a sample of holdings and not all holdings. The size of the sampling errors can be estimated from the sample estimates. Sampling errors for some census estimates have been calculated and will be presented in a technical report on the census, which will be prepared later.

Estimates are shown in the tables to the last digit. No statistical collection (sample survey or otherwise) can give fully accurate data to that level of precision. Therefore, in interpreting the tables, the figures should be suitably rounded off.

### 5. DISSEMINATION OF CENSUS DATA

A number of other census publications will be issued. In addition to the report presenting tables at the national level and the report showing comparisons between districts, reports will also be issued for each district (75 reports), each ecological belt (3 reports) and each development region (5 reports). Other census data may be made available on request to the CBS.

A technical report on the census will also be issued. The report will contain a technical description of the census methodology, a presentation of the sampling errors and an assessment of the data quality.

The CBS plans to issue a number of analytical reports as well.