# **National Sample Census of Agriculture**

**Nepal** 

2011/12

## **Dhanusa**

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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#### **DHANUSA**

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

		Holo	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	8,431	19.1	123.0	142.1	8,646	1.0	8,216	215						
Holding with land	87,575	67,192.9	4,972.2	72,165.1	368,453	4.2	2,065	42,884	22,926	15,528	4,172			
Under 0.1 ha	7,097	303.3	137.0	440.3	12,904	1.8	1,721	5,334	43					
0.1 ha and Under 0.2 ha	8,474	1,099.9	199.0	1,298.9	19,700	2.3	344	7,484	602	43				
0.2 ha and Under 0.5 ha	25,679	8,148.1	747.6	8,895.8	84,091	3.3		17,377	6,151	2,108	43			
0.5 ha and Under 1 ha	22,367	15,339.5	1,157.3	16,496.7	103,232	4.6		9,162	6,710	5,592	903			
1 ha and Under 2 ha	16,861	22,149.3	1,601.4	23,750.7	100,006	5.9		3,054	6,366	5,463	1,979			
2 ha and Under 3 ha	4,774	10,683.8	692.0	11,375.8	31,744	6.6		430	1,979	1,635	731			
3 ha and Under 4 ha	1,635	5,469.1	183.8	5,652.9	10,796	6.6			946	430	258			
4 ha and Under 5 ha	344	1,379.5	104.5	1,484.0	2,968	8.6			86	129	129			
5 ha and Under 10 ha	258	1,641.8	127.7	1,769.5	1,850	7.2		43	43	129	43			
10 ha and over	86	978.5	22.0	1,000.5	1,161	13.5					86			
Total	96,006	67,212.0	5,095.2	72,307.2	377,099	3.9	10,280	43,099	22,926	15,528	4,172			

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

							Tenur	e forms				
	Holdings				One ten	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	(ha)		Owned	Rented	Other tenure
Holding without land	8,431	142.1	8,431	142.1								
Holding with land	87,575	72,165.1	78,758	64,092.1					8,818	3,133.3	4,916.0	23.7
Under 0.1 ha	7,097	440.3	6,925	427.4					172	2.0	10.9	
0.1 ha and under 0.2 ha	8,474	1,298.9	7,957	1,216.5					516	5.5	76.9	
0.2 ha and under 0.5 ha	25,679	8,895.8	23,098	8,012.7					2,581	273.8	600.3	9.0
0.5 ha and under 1 ha	22,367	16,496.7	19,614	14,403.2					2,753	629.1	1,449.7	14.8
1 ha and under 2 ha	16,861	23,750.7	14,840	20,923.1					2,022	1,253.3	1,574.3	
2 ha and under 3 ha	4,774	11,375.8	4,215	10,097.9					559	556.4	721.5	
3 ha and under 4 ha	1,635	5,652.9	1,462	5,113.6					172	259.6	279.6	
4 ha and under 5 ha	344	1,484.0	344	1,484.0								
5 ha and under 10 ha	258 1,769.5		215	1,413.1					43	153.6	202.7	
10 ha and over	10 ha and over 86 1		86	1,000.5								
Total	96,006	72,307.2	87,188	64,234.2					8,818	3,133.3	4,916.0	23.7

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

	Number of holdings						Under one	tenure forr	m - rented	from others	3				
Total area of holding		Total		Rented for fixed amount of money			Rented for fixed quantity of		Rented for share of production		exchange rvices	Rented for mortgage		Other rental arrangements	
		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	8,431														
Holding with land	87,575														
Under 0.1 ha	7,097														
0.1 ha and under 0.2 ha	8,474														
0.2 ha and under 0.5 ha	25,679														
0.5 ha and under 1 ha	22,367														
1 ha and under 2 ha	16,861														
2 ha and under 3 ha	4,774														
3 ha and under 4 ha	1,635														
4 ha and under 5 ha	344														
5 ha and under 10 ha	258														
10 ha and over	86														
Total	96,006														

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

		Under more than one tenure forms rented from others													
Total area of holding	g No. of holdings	Total		Rented for fixed amount of money		Rented for fixed quantity of		Rented for share of production		Rent exchar		-	Rented for mortgage		rental ements
		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	8,431														Ì
Holding with land	87,575	8,689	4,916.0	774	178.7	1,247	533.9	6,968	4,180.2	86	15.2	43	5.1	43	2.9
Under 0.1 ha	7,097	172	10.9	43	3.4	43	3.4	86	4.1						
0.1 ha and under 0.2 ha	8,474	516	76.9			43	6.8	430	63.4	43	6.8				
0.2 ha and under 0.5 ha	25,679	2,495	600.3	387	84.5	344	54.9	1,764	452.5	43	8.4				
0.5 ha and under 1 ha	22,367	2,710	1,449.7	215	42.2	258	126.7	2,366	1,275.6			43	5.1		
1 ha and under 2 ha	16,861	2,022	1,574.3	129	48.6	344	129.7	1,678	1,396.0						
2 ha and under 3 ha	4,774	559	721.5			172	161.7	430	557.0					43	2.9
3 ha and under 4 ha	1,635	172	279.6					172	279.6						
4 ha and under 5 ha	344														
5 ha and under 10 ha	258	43	202.7			43	50.7	43	152.1						
10 ha and over	86														
Total	96,006	8,689	4,916.0	774	178.7	1,247	533.9	6,968	4,180.2	86	15.2	43	5.1	43	2.9

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

	То	tal	Agricultural land											
					land									
Total area of holding			Arable land											
	No. of holdings	Area (ha)	Land under ter	mporary crops	Area under temporary meadows		Land under ter	mporary fallow	Total arable land					
			No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)				
Holding without land	8,431	142.1	387	3.5	43	4.4			430	7.8				
Holding with land	87,575	72,165.1	87,317	66,256.7	473	49.7	3,484	559.4	87,360	66,865.8				
Under 0.1 ha	7,097	440.3	6,925	320.0	43	0.4	43	0.3	6,925	320.7				
0.1 ha and under 0.2 ha	8,474	1,298.9	8,388	1,101.5	43	4.4	129	6.9	8,431	1,112.8				
0.2 ha and under 0.5 ha	25,679	8,895.8	25,679	8,115.6	43	5.6	387	32.8	25,679	8,154.0				
0.5 ha and under 1 ha	22,367	16,496.7	22,367	15,264.1	43	17.5	817	112.1	22,367	15,393.6				
1 ha and under 2 ha	16,861	23,750.7	16,861	21,813.6	215	18.2	1,419	261.0	16,861	22,092.8				
2 ha and under 3 ha	4,774	11,375.8	4,774	10,575.0	86	3.6	516	98.2	4,774	10,676.9				
3 ha and under 4 ha	1,635	5,652.9	1,635	5,339.7			86	4.4	1,635	5,344.1				
4 ha and under 5 ha	344	1,484.0	344	1,337.3					344	1,337.3				
5 ha and under 10 ha	258	1,769.5	258	1,448.8			86	43.7	258	1,492.5				
10 ha and over	86	1,000.5	86	941.1					86	941.1				
Total	96,006	72,307.2	87,704	66,260.2	516	54.0	3,484	559.4	87,790	66,873.6				

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

			Agricultu								
T	Crop	land	Permanent n	neadows and	Forest and oth	hor Woodland	Po	nds	All other land		
Total area of holding	Land under pe	rmanent crops	pas	ture	r orest and ou	nei 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	86	0.5	86	6.7	43	0.1			8,431	126.9	
Holding with land	20,819	2,523.9	860	177.0	3,828	284.4	387	115.1	87,360	2,198.9	
Under 0.1 ha	301	12.9							7,097	106.7	
0.1 ha and under 0.2 ha	817	39.9	43	1.1	86	6.3			8,388	138.8	
0.2 ha and under 0.5 ha	3,398	174.9	172	15.4	473	22.5	43	0.7	25,593	528.2	
0.5 ha and under 1 ha	5,764	484.8	172	31.9	860	26.4	129	29.9	22,367	530.2	
1 ha and under 2 ha	6,925	906.0	172	46.3	1,505	92.7	86	37.1	16,861	575.8	
2 ha and under 3 ha	2,323	416.0	172	45.2	473	32.7	86	18.2	4,731	186.9	
3 ha and under 4 ha	645	169.1	86	21.8	258	28.0			1,635	89.7	
4 ha and under 5 ha	301	113.3	43	15.3	43	2.9			344	15.2	
5 ha and under 10 ha	258	151.9			129	72.8	43	29.1	258	23.1	
10 ha and over	86	55.1							86	4.4	
Total	20,905	2,524.4	946	183.7	3,871	284.5	387	115.1	95,791	2,325.9	

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

	To	otal							Source	of irrigation	n					
Total and of holding			No. of			River/lak	e/pond		Dom/re	eservoir	Tubow	rell/boring	Oth	orc	M	lixed
Total area of holding	No. of holdings	Area (ha)	holdings	Area (ha)	Ву д	ravity	Pun	nping	Dannie	SSCIVOII	Tube w	eli/boririg	Out	615	IVI	lixeu
	95		reporting		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	8,431	142.1	172	2.6			129	1.0		,	-		43	1.7		
Holding with land	87,575	72,165.1	72,392	52,557.5	20,474	11,273.9	23,872	14,184.0	6,194	3,602.6	24,948	14,236.7	8,603	5,270.0	6,796	3,990.3
Under 0.1 ha	7,097	440.3	4,473	232.0	903	49.4	1,075	66.8	344	18.9	1,161	49.1	817	37.4	215	10.3
0.1 ha and under 0.2 ha	8,474	1,298.9	6,581	859.5	1,505	171.2	1,721	223.4	258	34.3	2,065	213.2	946	117.9	774	99.5
0.2 ha and under 0.5 ha	25,679	8,895.8	21,421	6,566.4	6,753	1,811.3	6,452	1,847.0	1,807	486.5	6,237	1,530.4	2,108	570.6	1,247	320.5
0.5 ha and under 1 ha	22,367	16,496.7	19,571	12,431.2	5,162	2,588.1	7,011	3,758.3	1,979	962.9	7,183	3,170.3	2,022	906.3	2,022	1,045.5
1 ha and under 2 ha	16,861	23,750.7	14,410	17,196.4	4,301	3,624.7	5,592	4,936.7	1,290	1,069.8	5,248	4,264.9	1,764	1,545.8	2,022	1,754.6
2 ha and under 3 ha	4,774	11,375.8	3,957	7,998.4	1,290	1,728.2	1,591	2,130.9	258	328.9	1,979	2,431.1	559	899.8	387	479.4
3 ha and under 4 ha	1,635	5,652.9	1,419	4,310.5	344	608.7	301	670.2	258	701.4	774	1,613.0	258	436.6	129	280.5
4 ha and under 5 ha	344	1,484.0	258	825.4	86	226.4	86	179.1			129	178.3	86	241.6		
5 ha and under 10 ha	258	1,769.5	215	1,156.2	129	465.9					129	690.3				
10 ha and over	86	1,000.5	86	981.6			43	371.7			43	96.1	43	513.9		,
Total	96,006	72,307.2	72,564	52,560.2	20,474	11,273.9	24,001	14,184.9	6,194	3,602.6	24,948	14,236.7	8,646	5,271.7	6,796	3,990.3

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				
T			No. of		Did not pa	y for water			Paid fo	r water		
Total area of holding	No. of holdings	Area (ha)	No. of holdings	Area (ha)	Did flot pa	y ioi watei	On are	a basis	On tim	e basis	Oth	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	8,431	142.1	172	2.6					172	2.6		
Holding with land	87,575	72,165.1	72,392	52,557.5	31,916	18,505.8	6,452	4,153.8	42,067	27,818.4	3,914	2,079.5
Under 0.1 ha	7,097	440.3	4,473	232.0	1,721	80.6	387	21.5	2,151	120.6	215	9.3
0.1 ha and under 0.2 ha	8,474	1,298.9	6,581	859.5	2,710	337.9	344	41.6	3,613	453.0	215	27.0
0.2 ha and under 0.5 ha	25,679	8,895.8	21,421	6,566.4	8,861	2,348.8	1,678	474.6	11,872	3,416.2	1,075	326.8
0.5 ha and under 1 ha	22,367	16,496.7	19,571	12,431.2	8,990	4,597.0	1,764	886.6	11,442	6,472.0	1,075	475.5
1 ha and under 2 ha	16,861	23,750.7	14,410	17,196.4	6,538	5,757.5	1,721	1,520.1	9,162	9,306.8	860	612.0
2 ha and under 3 ha	4,774	11,375.8	3,957	7,998.4	1,936	2,739.9	430	765.0	2,538	4,129.3	344	364.2
3 ha and under 4 ha	1,635	5,652.9	1,419	4,310.5	817	1,629.1	129	444.4	860	1,972.3	129	264.7
4 ha and under 5 ha	344	1,484.0	258	825.4	129	310.9			215	514.5		
5 ha and under 10 ha	258	1,769.5	215	1,156.2	172	700.9			129	455.3		
10 ha and over	86	1,000.5	86	981.6	43	3.1			86	978.5		
Total	96,006	72,307.2	72,564	52,560.2	31,916	18,505.8	6,452	4,153.8	42,239	27,821.1	3,914	2,079.5

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

	То	tal		Crops under	r pure stand			Crops under	mixed stand		Ai	
Total area of holding	No. of		Temp	orary	Perm	anent	Temp	orary	Perm	anent	ASSOCIA	ted 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	473	4.3	387	3.8	43	0.4			43	0.1		
Holding with land	87,575	126,513.8	87,274	121,811.4	20,603	2,505.6	6,108	2,178.5	258	18.3		
Under 0.1 ha	7,097	628.5	6,882	611.3	258	11.2	86	4.2	43	1.7		
0.1 ha and under 0.2 ha	8,474	2,190.1	8,388	2,128.3	817	39.9	215	22.0				
0.2 ha and under 0.5 ha	25,679	15,954.5	25,679	15,465.2	3,355	172.3	1,893	314.4	43	2.5		
0.5 ha and under 1 ha	22,367	29,884.7	22,367	28,950.8	5,678	482.6	1,764	449.2	86	2.2		
1 ha and under 2 ha	16,861	41,439.3	16,861	39,718.2	6,925	906.0	1,548	815.1				
2 ha and under 3 ha	4,774	19,735.0	4,774	18,998.8	2,280	413.4	430	320.2	43	2.5		
3 ha and under 4 ha	1,635	9,986.7	1,635	9,631.7	645	160.0	129	185.9	43	9.2		
4 ha and under 5 ha	344	2,261.6	344	2,148.3	301	113.3						
5 ha and under 10 ha	258	2,989.6	258	2,770.1	258	151.9	43	67.6				
10 ha and over	86	1,443.9	86	1,388.8	86	55.1						
Total	88,049	126,518.2	87,661	121,815.2	20,646	2,506.0	6,108	2,178.5	301	18.4		

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	Oil s	eeds	Cash	crops	Spi	ces	Vegeta	ables	Tempora cro	ary grass
Total area of Holding	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)								
Holding without land	86	1.1											301	2.7		
Holding with land	83,747	97,038.1	47,057	16,010.8	26,668	1,892.7	18,797	3,338.2	6,022	4,062.6	11,915	680.1	10,882	837.2	1,850	130.4
Under 0.1 ha	5,033	417.7	1,505	56.0	1,807	45.9	344	7.6			1,204	18.7	2,366	67.9	43	1.7
0.1 ha and Under 0.2 ha	7,871	1,715.9	2,753	256.7	1,419	53.1	645	36.1	172	14.4	946	26.3	774	42.8	86	5.1
0.2 ha and under 0.5 ha	24,991	12,666.6	12,689	2,049.5	5,291	246.5	4,172	283.0	1,161	275.0	1,979	101.5	2,237	136.0	301	21.5
0.5 ha and under 1 ha	22,023	23,097.0	13,936	3,838.0	8,302	540.4	5,549	756.0	1,721	741.7	3,699	193.9	2,151	193.3	559	39.5
1 ha and under 2 ha	16,732	31,811.6	11,442	5,424.5	6,753	543.2	5,506	1,149.4	1,591	1,130.3	2,710	178.2	2,194	249.7	645	46.5
2 ha and under 3 ha	4,774	15,022.3	3,441	2,625.8	2,323	257.5	1,678	549.8	817	656.8	903	102.9	817	87.9	215	16.1
3 ha and under 4 ha	1,635	7,886.2	946	1,040.5	645	81.1	645	317.2	301	413.1	430	36.7	301	42.7		
4 ha and under 5 ha	344	1,687.0	172	254.3	43	3.4	129	39.7	129	163.9						
5 ha and under 10 ha	258	1,787.6	172	465.5	43	118.3	129	199.4	86	228.1	43	22.0	43	16.9		
10 ha and over	86	946.2			43	3.4			43	439.3						
Total	83,833	97,039.2	47,057	16,010.8	26,668	1,892.7	18,797	3,338.2	6,022	4,062.6	11,915	680.1	11,183	839.9	1,850	130.4

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

	Early	paddy	Main	paddy	Upland	paddy	WI	neat	Ma	aize	M	lets	Barley/nak	ked 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			86	0.8			43	0.3					_					
Holding with land	4,172	1,295.5	79,575	58,171.0	2,280	768.3	70,370	35,563.9	3,699	1,106.7	688	124.2	86	0.9			129	7.6
Under 0.1 ha	172	8.0	4,387	236.0	129	6.3	2,538	147.8	344	13.5	86	5.1	86	0.9				
0.1 ha and Under 0.2 ha	473	42.2	7,140	953.3	301	29.7	5,162	640.7	387	47.3	43	1.7					43	0.8
0.2 ha and under 0.5 ha	1,032	207.6	23,872	7,251.4	602	111.9	20,603	4,886.1	989	172.3	258	33.8					43	3.4
0.5 ha and under 1 ha	1,118	185.4	21,378	13,795.9	473	126.5	20,087	8,774.8	860	187.3	129	27.0						
1 ha and under 2 ha	1,032	549.3	16,001	19,273.6	387	139.8	15,184	11,301.2	860	496.1	129	48.2					43	3.4
2 ha and under 3 ha	301	252.2	4,516	9,217.6	215	102.2	4,516	5,285.6	215	156.3	43	8.4						
3 ha and under 4 ha			1,591	4,711.1	86	96.3	1,635	3,078.8										
4 ha and under 5 ha	43	50.7	344	1,101.6			344	534.8										
5 ha and under 10 ha			258	1,132.0	86	155.4	258	466.3	43	33.8								
10 ha and over			86	498.4			43	447.7										
Total	4,172	1,295.5	79,661	58,171.8	2,280	768.3	70,413	35,564.2	3,699	1,106.7	688	124.2	86	0.9			129	7.6

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	bean	Black	gram	Red	gram	Gras	s pea	Le	ntil	Gran	n pea	Pe	ea	Gree	n gram	Horse	gram	Cow	pea	Other leg	
Total area of floiding	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)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land																						
Holding with land	129	7.6	86	8.4	7,699	414.9	18,754	3,676.8	36,949	9,429.6	645	53.0	1,118	104.5	8,517	1,943.9	1,979	268.8	129	5.9	1,118	97.4
Under 0.1 ha					129	0.4	172	7.0	731	32.4	43	0.2	86	0.2	172	8.4	129	5.9			301	1.4
0.1 ha and Under 0.2 ha					301	5.8	516	29.1	1,764	143.6			86	3.4	559	63.8	215	10.1			43	0.8
0.2 ha and under 0.5 ha	86	4.2	43	6.8	1,807	45.3	3,570	382.9	9,377	1,149.4	43	5.9			2,237	402.9	516	44.4			129	7.6
0.5 ha and under 1 ha					2,753	86.1	6,323	883.1	11,227	2,192.7	215	15.5	387	36.7	2,882	581.3	344	36.8			129	5.9
1 ha and under 2 ha	43	3.4	43	1.7	1,893	212.7	5,377	1,276.6	9,592	3,289.9	215	23.0	344	25.3	1,807	454.5	430	92.9	86	4.2	387	40.2
2 ha and under 3 ha					516	25.9	1,764	521.7	3,097	1,821.8	129	8.4	129	25.3	430	125.5	344	78.6	43	1.7	43	16.9
3 ha and under 4 ha					215	14.1	688	272.4	860	547.0			86	13.5	258	182.5					43	11.0
4 ha and under 5 ha							172	139.4	172	89.5					43	11.8					43	13.5
5 ha and under 10 ha					86	24.5	172	164.6	129	163.2					129	113.2						
10 ha and over																						
Total	129	7.6	86	8.4	7,699	414.9	18,754	3,676.8	36,949	9,429.6	645	53.0	1,118	104.5	8,517	1,943.9	1,979	268.8	129	5.9	1,118	97.4

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

i		1			I			
Total area of holding	Pot	tato	Sweet	potato	Colo	casia	Other tuber	s and bulbs
Total area of flolding	No. of holdings	Area (ha)						
Holding without land								
Holding with land	26,367	1,859.6	258	18.8	86	10.1	129	4.2
Under 0.1 ha	1,807	45.9						
0.1 ha and Under 0.2 ha	1,376	49.7	43	3.4				
0.2 ha and under 0.5 ha	5,248	241.4	86	2.5			43	2.5
0.5 ha and under 1 ha	8,130	516.6	129	12.8	86	10.1	43	0.8
1 ha and under 2 ha	6,710	542.4					43	0.8
2 ha and under 3 ha	2,323	257.5						
3 ha and under 4 ha	645	81.1						
4 ha and under 5 ha	43	3.4						
5 ha and under 10 ha	43	118.3						
10 ha and over	43	3.4						
Total	26,367	1,859.6	258	18.8	86	10.1	129	4.2

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 oilse	eed crops
Total area of holding	No. of holdings	Area (ha)										
Holding without land												
Holding with land	6,538	855.3	43	0.8	12,990	2,169.3	2,108	284.9	43	8.4	215	19.4
Under 0.1 ha	129	1.6	43	0.8	172	5.2						
0.1 ha and Under 0.2 ha	301	20.4			301	14.8					43	0.8
0.2 ha and under 0.5 ha	1,333	83.3			2,624	174.4	344	25.3				
0.5 ha and under 1 ha	1,247	116.3			4,258	519.4	774	105.1	43	8.4	86	6.8
1 ha and under 2 ha	2,366	332.8			3,785	706.8	688	103.1			43	6.8
2 ha and under 3 ha	688	178.3			1,247	343.8	172	22.6			43	5.1
3 ha and under 4 ha	387	99.7			430	188.8	129	28.7				
4 ha and under 5 ha	86	22.8			43	16.9						
5 ha and under 10 ha					129	199.4						
10 ha and over												
Total	6,538	855.3	43	0.8	12,990	2,169.3	2,108	284.9	43	8.4	215	19.4

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

i—————————————————————————————————————								
Total area of holding	Suga	rcane	Ju	te	Toba	acco	Other ca	sh crops
Total area of floiding	No. of holdings	Area (ha)						
Holding without land								
Holding with land	5,721	4,014.9	129	27.9	86	5.9	172	13.9
Under 0.1 ha								
0.1 ha and Under 0.2 ha	129	11.0					43	3.4
0.2 ha and under 0.5 ha	1,118	268.2					43	6.8
0.5 ha and under 1 ha	1,678	735.0			43	3.4	43	3.4
1 ha and under 2 ha	1,505	1,101.6	86	26.2	43	2.5		
2 ha and under 3 ha	731	654.7	43	1.7			43	0.4
3 ha and under 4 ha	301	413.1						
4 ha and under 5 ha	129	163.9						
5 ha and under 10 ha	86	228.1						
10 ha and over	43	439.3						
Total	5,721	4,014.9	129	27.9	86	5.9	172	13.9

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	ırlic	Gin	ger	Turn	neric	Coriano	ler seed	Other sp	ice crops
Total area of holding	No. of holdings	Area (ha)												
Holding without land														
Holding with land	2,581	72.1	9,936	442.6	3,011	69.8	43	1.4	172	12.5	2,237	81.7	43	0.1
Under 0.1 ha	43	0.2	817	14.4	473	2.7					301	1.4	43	0.1
0.1 ha and Under 0.2 ha	86	0.3	688	22.5	258	1.7					172	1.8		
0.2 ha and under 0.5 ha	516	12.2	1,591	74.4	473	8.9					258	6.0		
0.5 ha and under 1 ha	774	20.1	3,355	142.9	731	17.2	43	1.4	86	3.2	430	9.0		
1 ha and under 2 ha	688	16.2	2,323	105.2	645	24.5			86	9.3	602	23.0		
2 ha and under 3 ha	301	15.9	817	51.1	301	10.6					301	25.3		
3 ha and under 4 ha	129	3.8	301	15.2	86	2.5					172	15.2		
4 ha and under 5 ha														
5 ha and under 10 ha	43	3.4	43	16.9	43	1.7								
10 ha and over														
Total	2,581	72.1	9,936	442.6	3,011	69.8	43	1.4	172	12.5	2,237	81.7	43	0.1

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

Total annual file Idia a	Caulif	flower	Cabl	bage	Ton	nato	Oth	ers
Total area of holding	No. of holdings	Area (ha)						
Holding without land	86	0.6					215	2.1
Holding with land	5,764	360.7	1,204	40.5	1,893	93.5	6,323	342.5
Under 0.1 ha	1,376	26.7	344	5.0	688	6.5	1,591	29.7
0.1 ha and Under 0.2 ha	301	9.3	129	3.8	215	6.9	516	22.8
0.2 ha and under 0.5 ha	1,075	56.6	172	7.2	387	14.5	1,333	57.7
0.5 ha and under 1 ha	1,075	80.9	301	19.4	172	15.5	1,161	77.4
1 ha and under 2 ha	1,247	119.1	172	3.8	301	32.1	1,204	94.7
2 ha and under 3 ha	430	30.1	43	0.8	86	1.0	473	55.9
3 ha and under 4 ha	258	38.0	43	0.4			43	4.2
4 ha and under 5 ha								
5 ha and under 10 ha					43	16.9		
10 ha and over								
Total	5,850	361.3	1,204	40.5	1,893	93.5	6,538	344.6

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

	To	tol					Permane	ent crops				
	10	itai	No. of	0			Compact	plantation			Number of so	attered trees
Total area of holding	No. of		No. of 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	8,431	142.1	903	0.5	43	0.1	731	43	0.4	172	3,527	516
Holding with land	87,575	72,165.1	35,099	2,523.9	19,270	2,227.2	338,000	4,861	296.7	61,595	102,888	32,948
under 0.1 ha	7,097	440.3	2,495	12.9	387	9.4	2,452	129	3.6	215	8,603	1,032
0.1 ha and under 0.2 ha	8,474	1,298.9	2,624	39.9	817	29.2	6,366	172	10.7	2,065	5,979	1,893
0.2 ha and under 0.5 ha	25,679	8,895.8	7,441	174.9	3,054	146.1	27,959	1,032	28.8	5,936	17,636	5,334
0.5 ha and under 1 ha	22,367	16,496.7	8,861	484.8	5,248	427.5	67,488	1,247	57.3	10,667	22,969	6,237
1 ha and under 2 ha	16,861	23,750.7	9,119	906.0	6,452	830.1	127,406	1,204	75.9	21,292	24,647	12,388
2 ha and under 3 ha	4,774	11,375.8	2,796	416.0	2,065	338.3	45,809	817	77.7	11,442	5,119	3,613
3 ha and under 4 ha	1,635	5,652.9	1,118	169.1	645	140.6	17,463	172	28.5	8,603	4,301	559
4 ha and under 5 ha	344	1,484.0	301	113.3	258	103.1	15,442	43	10.2	602	1,721	1,075
5 ha and under 10 ha	258	1,769.5	258	151.9	258	147.8	19,356	43	4.1	774	6,022	817
10 ha and over	86	1,000.5	86	55.1	86	55.1	8,259				5,893	
Total	96,006	72,307.2	36,002	2,524.4	19,313	2,227.3	338,731	4,904	297.1	61,767	106,415	33,464

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

		Orange												
					Number of scattered trees									
Total area of holding	Total holdings reporting	Compact plantation area	Productive age			Non-productive age				Non-productive				
	тероппід	(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 7b. Plantation features and ages of junar by total area of holding

		Junar												
Total and of holding				Number of scattered trees										
Total area of holding	Total holdings reporting	piantation area	Productive age			Non-productive age			D 1 11	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														
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 7c. Plantation features and ages of lemon by total area of holding

					Ler	mon				
Total area of halding					Number of scattered trees					
Total area of holding	Total holdings reporting	piantation area	Productive age			N	on-productive a	ge	Decide discourse	Non-
	9	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	productive age
Holding without land	129								129	
Holding with land	1,376	1.0	43	1.0	301				2,108	129
under 0.1 ha	258								430	43
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	473								645	43
0.5 ha and under 1 ha	301								473	
1 ha and under 2 ha	172								215	43
2 ha and under 3 ha	129	1.0	43	1.0	301				301	
3 ha and under 4 ha	43								43	
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	1,505	1.0	43	1.0	301				2,237	129

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

		Lime											
Total area of holding				Compact plantation									
Total area of holding	Total holdings reporting	Compact plantation area	Productive age			Non-productive age			Due divetive ene	Non-			
	, ,	(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	473								817				
under 0.1 ha													
0.1 ha and under 0.2 ha	43								43				
0.2 ha and under 0.5 ha	43								86				
0.5 ha and under 1 ha	43								86				
1 ha and under 2 ha	129								258				
2 ha and under 3 ha	86								129				
3 ha and under 4 ha	129								215				
4 ha and under 5 ha													
5 ha and under 10 ha							·						
10 ha and over													
Total	473								817				

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

		Sweet orange												
Total and of holding		Compost		Compact plantation										
Total area of holding	Total holdings reporting	piantation area	Productive age			Non-productive age				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														
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 7f. Plantation features and ages of other citrus fruits by total area of holding

		Other citrus fruits												
Total area of holding		0			Number of scattered trees									
Total area of holding	Total holdings reporting	Compact plantation area	Productive age			N	on-productive a	ge	Due di cetti ce e e e	Non-productive				
	1,11,1	(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	215	0.2	43	0.2	43				215	43				
under 0.1 ha														
0.1 ha and under 0.2 ha	43								43					
0.2 ha and under 0.5 ha	43	0.2	43	0.2	43									
0.5 ha and under 1 ha	43								43					
1 ha and under 2 ha	86								129	43				
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	215	0.2	43	0.2	43				215	43				

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

					Ма	ngo				
T					Number of scattered trees					
	Total holdings reporting	Compact plantation area	Productive age			N	on-productive aç	је		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	473	0.4				43	0.4	172	946	172
Holding with land	29,894	2,428.9	18,324	2,199.3	329,483	3,183	229.6	48,347	61,423	20,431
under 0.1 ha	1,764	9.0	215	9.0	2,065				5,420	903
0.1 ha and under 0.2 ha	1,893	36.2	688	25.5	5,635	172	10.7	2,065	3,484	1,075
0.2 ha and under 0.5 ha	5,979	160.5	2,796	138.7	22,668	645	21.8	4,861	9,678	3,355
0.5 ha and under 1 ha	7,613	470.6	5,119	422.9	66,886	903	47.7	9,248	13,721	3,699
1 ha and under 2 ha	8,474	895.9	6,409	829.1	127,148	817	66.8	20,173	12,474	6,753
2 ha and under 3 ha	2,495	388.8	1,850	327.6	44,562	516	61.2	9,549	2,366	2,495
3 ha and under 4 ha	1,032	147.7	645	140.6	17,463	43	7.1	1,075	1,333	473
4 ha and under 5 ha	301	113.3	258	103.1	15,442	43	10.2	602	1,721	860
5 ha and under 10 ha	258	151.9	258	147.8	19,356	43	4.1	774	5,334	817
10 ha and over	86	55.1	86	55.1	8,259				5,893	
Total	30,367	2,429.3	18,324	2,199.3	329,483	3,226	230.0	48,519	62,369	20,603

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

					Bar	nana				
					Number of scattered trees					
Total area of holding	Total holdings reporting	piaritation area	Productive age			N	on-productive aç	де		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	129								215	215
Holding with land	2,280	2.9	86	2.5	4,215	86	0.3	473	9,377	3,742
under 0.1 ha	258								344	
0.1 ha and under 0.2 ha	86								344	
0.2 ha and under 0.5 ha	559	2.2	43	2.0	3,914	43	0.2	43	2,108	473
0.5 ha and under 1 ha	688	0.1				43	0.1	430	1,893	516
1 ha and under 2 ha	430								4,344	2,151
2 ha and under 3 ha	172	0.5	43	0.5	301				43	602
3 ha and under 4 ha	86								301	
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	2,409	2.9	86	2.5	4,215	86	0.3	473	9,592	3,957

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

					Gı	ıava				
		_			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
	reporting	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land	258								602	86
Holding with land	2,538								3,785	1,032
under 0.1 ha	344								516	
0.1 ha and under 0.2 ha	215								215	43
0.2 ha and under 0.5 ha	688								688	215
0.5 ha and under 1 ha	430								1,161	215
1 ha and under 2 ha	602								817	559
2 ha and under 3 ha	172								258	
3 ha and under 4 ha	86								129	
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	2,796								4,387	1,118

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

		Jackfruit									
		0			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	43								215		
Holding with land	2,323	8.8	258	8.8	1,247				3,785	1,118	
under 0.1 ha	129	0.1	43	0.1	43				172		
0.1 ha and under 0.2 ha	258	1.0	43	1.0	129				344	43	
0.2 ha and under 0.5 ha	473								688	86	
0.5 ha and under 1 ha	344	1.5	86	1.5	430				473	215	
1 ha and under 2 ha	602								989	602	
2 ha and under 3 ha	172	6.1	86	6.1	645				344	129	
3 ha and under 4 ha	344								774	43	
4 ha and under 5 ha											
5 ha and under 10 ha											
10 ha and over											
Total	2,366	8.8	258	8.8	1,247				4,000	1,118	

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

	Pineapple										
Total area of holding				Compact	plantation						
Total area of holding	Total holdings reporting	Compact plantation area (ha)	Produc	tive age	Non-prod	uctive age					
		( 17	No. of holdings	Area (ha)	No. of holdings	Area (ha)					
Holding without land											
Holding with land	86	5.1	86	5.1							
under 0.1 ha											
0.1 ha and under 0.2 ha	43	2.0	43	2.0							
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	43	3.1	43	3.1							
3 ha and under 4 ha											
4 ha and under 5 ha											
5 ha and under 10 ha											
10 ha and over											
Total	86	5.1	86	5.1							

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

		Lychee								
					Compact	plantation			Number of s	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	215								344	
Holding with land	3,097	3.1	43	3.1	172				5,377	1,333
under 0.1 ha	344								559	
0.1 ha and under 0.2 ha	215								258	473
0.2 ha and under 0.5 ha	602	3.1	43	3.1	172				903	301
0.5 ha and under 1 ha	516								774	172
1 ha and under 2 ha	817								1,548	344
2 ha and under 3 ha	215								430	
3 ha and under 4 ha	344								860	43
4 ha and under 5 ha										
5 ha and under 10 ha	43								43	
10 ha and over										
Total	3,312	3.1	43	3.1	172				5,721	1,333

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

					Aį	ople				
		_			Compact	plantation			Number of se	cattered trees
Total area of holding	Total holdings reporting	piantation area		Productive age		No	on-productive a	ge		Non-productive
	тероппід	(IIa)	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

					P	ear				
		_			Compact	plantation			Number of so	cattered trees
Total area of holding	Total holdings reporting	piantation area		Productive age		Non-productive age				Non-productive
	тероппід	(IIa)	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 7o. Plantation features and ages of peach by total area of holding

		Peach									
		_			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	
	reporting (		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	129								172	86	
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	43								86		
1 ha and under 2 ha	43									86	
2 ha and under 3 ha	43								86		
3 ha and under 4 ha											
4 ha and under 5 ha											
5 ha and under 10 ha											
10 ha and over											
Total	129								172	86	

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

					Pa	рауа				
					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
	reporting	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land	129								172	
Holding with land	3,871								6,581	860
under 0.1 ha	301								516	
0.1 ha and under 0.2 ha	516								688	
0.2 ha and under 0.5 ha	1,204								1,807	387
0.5 ha and under 1 ha	817								1,118	301
1 ha and under 2 ha	602								1,333	86
2 ha and under 3 ha	215								645	86
3 ha and under 4 ha	215								473	
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	4,000								6,753	860

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

		Pomegranate									
					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	
	reporting	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age	
Holding without land	43									43	
Holding with land	688	1.1	86	1.1	387				903	215	
under 0.1 ha	86	0.1	43	0.1	129				43		
0.1 ha and under 0.2 ha											
0.2 ha and under 0.5 ha	258								430	43	
0.5 ha and under 1 ha	129								172	129	
1 ha and under 2 ha	129	1.0	43	1.0	258				172	43	
2 ha and under 3 ha	86								86		
3 ha and under 4 ha											
4 ha and under 5 ha											
5 ha and under 10 ha											
10 ha and over											
Total	731	1.1	86	1.1	387				903	258	

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

		Coconut									
		_			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	
	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	1,290	0.1	43	0.1	43				1,635	602	
under 0.1 ha	129	0.1	43	0.1	43				129		
0.1 ha and under 0.2 ha											
0.2 ha and under 0.5 ha	258								215	258	
0.5 ha and under 1 ha	215								258	43	
1 ha and under 2 ha	473								688	301	
2 ha and under 3 ha	129								258		
3 ha and under 4 ha	43								43		
4 ha and under 5 ha											
5 ha and under 10 ha	43								43		
10 ha and over											
Total	1,290	0.1	43	0.1	43				1,635	602	

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

					Wa	alnut				
					Compact	plantation			Number of s	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 7t. Plantation features and ages of beetle nut by total area of holding

	Betel Nut									
					Compact	plantation			Number of se	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										
Holding with land	172	0.1	43	0.1	172				258	
under 0.1 ha	86	0.1	43	0.1	172				86	
0.1 ha and under 0.2 ha	43								86	
0.2 ha and under 0.5 ha										
0.5 ha and under 1 ha	43								86	
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	172	0.1	43	0.1	172				258	

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

					Other	fruits				
					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
	roporting	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land	43								258	
Holding with land	2,452	5.8	215	5.8	1,936				6,452	2,022
under 0.1 ha	258								387	
0.1 ha and under 0.2 ha	344	0.6	43	0.6	602				473	258
0.2 ha and under 0.5 ha	430	2.1	129	2.1	1,161				387	86
0.5 ha and under 1 ha	516	3.1	43	3.1	172				2,624	731
1 ha and under 2 ha	645								1,678	688
2 ha and under 3 ha	86								172	43
3 ha and under 4 ha	43								129	
4 ha and under 5 ha	43									215
5 ha and under 10 ha	86								602	
10 ha and over										
Total	2,495	5.8	215	5.8	1,936	_			6,710	2,022

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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	offee				
					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
	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 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-Grass	s (Amriso)	Tha	atch	Bam	boo
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					1,591	66.8
Under 0.1 ha					129	3.6
0.1 ha and under 0.2 ha						
0.2 ha and under 0.5 ha					344	6.7
0.5 ha and under 1 ha					301	9.5
1 ha and under 2 ha					387	9.1
2 ha and under 3 ha					301	16.5
3 ha and under 4 ha					129	21.4
4 ha and under 5 ha						
5 ha and under 10 ha						
10 ha and over						
Total					1,591	66.8

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	Araa (ba)
	Number of holdings	Area (ha)	Number of Trees	trees	Number of holdings	Area (ha)
Holding without land	43	0.1	731	645		
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	43	0.1	731	645		

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

	To	tal							Paddy						
Total and of holding			No. of		Seeds		Pesticide s	Irrigated	and fertiliz	ers used	Unirriga	ated and fe used	rtilizers	Area trea mineral/ o	
Total area of holding	No. of holdings	Area (ha)	holdings reporting	No. o	f holdings	using	No. of holdings	No. c	of holdings	using	No. o	f holdings	using	fertilize 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	8,431	142.1	86	86							86				
Holding with land	87,575	72,165.1	82,586	41,379	41,121	86	35,013	2,452	31,142	36,647	6,151	9,635	14,108	52,739.6	84,151
under 0.1 ha	7,097	440.3	4,688	2,409	2,280		1,290	172	1,635	2,022	215	301	903	239.3	667
0.1 ha and under 0.2 ha	8,474	1,298.9	7,699	3,699	4,000		2,882	258	2,151	3,828	559	946	1,075	887.0	1,789
0.2 ha and under 0.5 ha	25,679	8,895.8	24,690	12,689	12,001		9,076	559	9,334	11,011	1,635	2,753	3,656	6,766.6	13,239
0.5 ha and under 1 ha	22,367	16,496.7	21,765	11,227	10,495	43	10,237	731	9,119	9,334	1,505	2,581	3,183	12,553.6	23,325
1 ha and under 2 ha	16,861	23,750.7	16,689	7,914	8,732	43	7,914	559	6,280	7,355	1,591	2,108	3,699	17,006.4	24,854
2 ha and under 3 ha	4,774	11,375.8	4,731	2,538	2,194		2,194	43	2,065	1,807	344	817	903	8,416.5	11,259
3 ha and under 4 ha	1,635	5,652.9	1,635	559	1,075		1,032		473	946	301	86	473	4,983.2	6,373
4 ha and under 5 ha	344	1,484.0	344	215	129		172		86	172		43	129	857.2	1,548
5 ha and under 10 ha	258	1,769.5	258	43	215		215	43		172			86	1,029.8	1,096
10 ha and over	86	1,000.5	86	86				86							
Total	96,006	72,307.2	82,672	41,465	41,121	86	35,013	2,452	31,142	36,647	6,237	9,635	14,108	52,739.6	84,151

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						
Total and a of haldford			No. of		Seeds		Pesticides	Irrigated	and fertiliz	ers used	Unirriga	ated and fe used	rtilizers	Area trea mineral/ o	
Total area of holding	No. of holdings	Area (ha)	holdings	No. of	holdings u	sing	No. of holdings	No. c	of holdings	using	No. c	of holdings	using	fertilizer an	. ,
			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	8,431	142.1													
Holding with land	87,575	72,165.1	3,699	645	3,054		731	172	387	516	301	1,505	989	1,205.6	1,434
under 0.1 ha	7,097	440.3	344	43	301					43	43	258	43	10.2	63
0.1 ha and under 0.2 ha	8,474	1,298.9	387	86	301					43	43	215	86	37.9	45
0.2 ha and under 0.5 ha	25,679	8,895.8	989	215	774		129	129	43	129	129	387	258	356.9	282
0.5 ha and under 1 ha	22,367	16,496.7	860	86	774		215		86	129	86	344	215	149.4	173
1 ha and under 2 ha	16,861	23,750.7	860	172	688		301		172	172		258	301	493.3	652
2 ha and under 3 ha	4,774	11,375.8	215	43	172		86	43	86			43	43	128.9	155
3 ha and under 4 ha	1,635	5,652.9													
4 ha and under 5 ha	344	1,484.0													
5 ha and under 10 ha	258	1,769.5	43		43								43	29.1	65
10 ha and over	86	1,000.5													
Total	96,006	72,307.2	3,699	645	3,054		731	172	387	516	301	1,505	989	1,205.6	1,434

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)

	То	otal							Wheat						
			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. o	f holdings	using	No. of holdings	No. o	f holdings	using	No. o	f 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	8,431	142.1	43	43							43				
Holding with land	87,575	72,165.1	70,370	21,077	49,293		10,667	3,183	31,529	27,701	4,129	6,065	9,635	30,791.0	51,952
under 0.1 ha	7,097	440.3	2,538	559	1,979		215	86	989	1,161	129	129	430	126.4	314
0.1 ha and under 0.2 ha	8,474	1,298.9	5,162	1,505	3,656		817	258	1,807	2,581	344	387	602	526.0	1,149
0.2 ha and under 0.5 ha	25,679	8,895.8	20,603	5,893	14,711		3,054	860	9,162	8,345	860	1,936	2,194	4,307.8	8,102
0.5 ha and under 1 ha	22,367	16,496.7	20,087	5,936	14,151		2,882	1,075	9,463	7,570	989	1,376	2,624	7,750.3	14,042
1 ha and under 2 ha	16,861	23,750.7	15,184	4,861	10,323		2,581	731	7,140	5,506	1,118	1,678	2,409	10,004.7	14,894
2 ha and under 3 ha	4,774	11,375.8	4,516	1,635	2,882		645	86	2,194	1,548	258	473	817	4,365.7	7,227
3 ha and under 4 ha	1,635	5,652.9	1,635	473	1,161		344	43	559	731	387	43	387	2,464.1	4,638
4 ha and under 5 ha	344	1,484.0	344	129	215		43		172	86	43	43	86	458.1	705
5 ha and under 10 ha	258	1,769.5	258	86	172		86	43		172			86	402.0	452
10 ha and over	86	1,000.5	43		43				43					386.0	430
Total	96,006	72,307.2	70,413	21,120	49,293		10,667	3,183	31,529	27,701	4,172	6,065	9,635	30,791.0	51,952

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	ertilizers	Area trea	
Total area of holding	No. of	Area (ha)	No. of holdings	No. o	f holdings	using	No. of	No. o	f holdings	using	No. c	f holdings	using	fertilizer an	
	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	8,431	142.1													
Holding with land	87,575	72,165.1	26,367	11,743	14,496	129	15,915	4,043	8,431	9,377	2,366	1,807	4,258	1,630.7	8,378
under 0.1 ha	7,097	440.3	1,807	946	817	43	946	86	215	602	344	129	602	37.0	147
0.1 ha and under 0.2 ha	8,474	1,298.9	1,376	473	903		774	258	258	688	129		301	35.7	124
0.2 ha and under 0.5 ha	25,679	8,895.8	5,248	2,409	2,839		2,882	903	1,591	2,022	430	344	688	209.2	1,299
0.5 ha and under 1 ha	22,367	16,496.7	8,130	3,742	4,344	43	5,334	1,376	2,452	3,054	516	559	1,247	480.8	2,909
1 ha and under 2 ha	16,861	23,750.7	6,710	3,011	3,656	43	3,871	1,032	2,409	2,323	774	344	989	418.1	2,913
2 ha and under 3 ha	4,774	11,375.8	2,323	860	1,462		1,419	344	1,118	516	129	344	301	275.1	719
3 ha and under 4 ha	1,635	5,652.9	645	258	387		602		387	129		86	86	69.9	253
4 ha and under 5 ha	344	1,484.0	43	43			43						43	2.9	13
5 ha and under 10 ha	258	1,769.5	43		43		43			43				102.0	0
10 ha and over	86	1,000.5	43		43			43			43				
Total	96,006	72,307.2	26,367	11,743	14,496	129	15,915	4,043	8,431	9,377	2,366	1,807	4,258	1,630.7	8,378

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)

	То	tal						Sug	jarcane						
					Seeds		Pesticides	Irrigated a	and fertilize	rs used	Unirrigate	ed and ferti used	lizers	Area trea	ated with I/mineral
Total area of holding	No. of holdings	Area (ha)	No. of holdings	No. c	of holdings (	using	No. of holdings	No. of	holdings us	sing	No. of	holdings us	sing	fertilizer ar us	nd 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	8,431	142.1													
Holding with land	87,575	72,165.1	5,721	1,376	4,344		2,323	344	258	1,591		2,452	1,376	2,815.8	6,019
under 0.1 ha	7,097	440.3													
0.1 ha and under 0.2 ha	8,474	1,298.9	129	43	86		43						129	9.5	30
0.2 ha and under 0.5 ha	25,679	8,895.8	1,118	301	817		387	43	43	258		516	301	222.5	1,077
0.5 ha and under 1 ha	22,367	16,496.7	1,678	258	1,419		860		129	516		817	301	603.0	1,367
1 ha and under 2 ha	16,861	23,750.7	1,505	344	1,161		602	129	86	430		688	301	889.9	1,588
2 ha and under 3 ha	4,774	11,375.8	731	129	602		258			172		387	172	593.5	1,047
3 ha and under 4 ha	1,635	5,652.9	301	172	129		129	43		215			86	327.0	673
4 ha and under 5 ha	344	1,484.0	129	43	86			43				43	43	112.2	129
5 ha and under 10 ha	258	1,769.5	86	43	43		43	43					43	58.3	108
10 ha and over	86	1,000.5	43	43				43							
Total	96,006	72,307.2	5,721	1,376	4,344		2,323	344	258	1,591		2,452	1,376	2,815.8	6,019

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)

	To	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	. ,
	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	8,431	142.1	301	43	172	86	215	43		43	43	43	172	2.0	6
Holding with land	87,575	72,165.1	10,839	4,301	5,463	1,075	5,377	2,796	1,721	2,925	2,667	1,118	1,419	529.6	2,151
under 0.1 ha	7,097	440.3	2,366	688	1,204	473	946	258	215	559	602	344	473	44.6	197
0.1 ha and under 0.2 ha	8,474	1,298.9	774	473	258	43	258	258		172	344	43	129	18.1	53
0.2 ha and under 0.5 ha	25,679	8,895.8	2,237	860	1,247	129	1,161	688	301	774	473	172	172	123.7	268
0.5 ha and under 1 ha	22,367	16,496.7	2,108	817	1,247	43	1,204	688	344	817	387	172	129	113.2	911
1 ha and under 2 ha	16,861	23,750.7	2,194	1,075	946	172	1,075	516	473	516	602	301	344	168.8	503
2 ha and under 3 ha	4,774	11,375.8	817	301	430	86	516	344	258		215	86	86	35.6	57
3 ha and under 4 ha	1,635	5,652.9	301	86	86	129	172	43	129	86	43		43	24.0	140
4 ha and under 5 ha	344	1,484.0													
5 ha and under 10 ha	258	1,769.5	43		43		43						43	1.5	22
10 ha and over	86	1,000.5													
Total	96,006	72,307.2	11,140	4,344	5,635	1,161	5,592	2,839	1,721	2,968	2,710	1,161	1,591	531.6	2,157

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	Area trea	ated with
Total area of holding	No. of	Area (ha)	No. of holdings	No. o	f holdings ι	using	No. of	No. o	of holdings	using	No. c	of holdings (	using	fertiliz	er and ty used
	holdings	7 O. (1. a.)	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	8,431	142.1													
Holding with land	87,575	72,165.1	51,874	44,992	6,667	215	4,774	34,755	4,000	3,527	18,496	2,194	903	2,818.0	2,956
under 0.1 ha	7,097	440.3	2,624	2,194	344	86	344	1,419	43	215	1,118	86	86	14.1	21
0.1 ha and under 0.2 ha	8,474	1,298.9	3,527	3,140	387		301	2,237	129	258	1,118	43	43	32.0	132
0.2 ha and under 0.5 ha	25,679	8,895.8	13,979	12,603	1,333	43	1,204	9,420	1,032	860	4,129	774	172	679.1	470
0.5 ha and under 1 ha	22,367	16,496.7	14,797	12,732	2,065		1,247	10,538	1,118	903	4,861	645	301	728.3	461
1 ha and under 2 ha	16,861	23,750.7	12,130	10,409	1,635	86	1,204	8,259	903	989	5,248	473	129	723.6	985
2 ha and under 3 ha	4,774	11,375.8	3,441	2,839	602		258	2,151	602	129	1,462	172	129	511.2	690
3 ha and under 4 ha	1,635	5,652.9	989	731	258		215	430	172	129	430		43	122.3	155
4 ha and under 5 ha	344	1,484.0	215	172	43			172		43	86			7.3	43
5 ha and under 10 ha	258	1,769.5	172	172				129			43				
10 ha and over	86	1,000.5													
Total	96,006	72,307.2	51,874	44,992	6,667	215	4,774	34,755	4,000	3,527	18,496	2,194	903	2,818.0	2,956

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

						Live	stock					
Total area of holding	To	tal	Cat	tle	Yak/Na	k/Chauri	Buff	alo	Go	oat	She	ер
	No. of holdings	No. of heads										
Holding without land	8,102	28,141	5,116	8,800			2,615	3,755	3,934	13,291	116	492
Holding with land	70,732	253,559	48,493	91,134			30,424	47,690	41,505	113,314	407	1,259
Under 0.1 ha	4,589	14,067	2,029	3,885			1,154	1,562	2,940	8,538	116	82
0.1 ha and under 0.2 ha	6,077	20,285	3,298	5,550			1,692	2,426	4,194	12,282	58	27
0.2 ha and under 0.5 ha	20,463	68,823	11,880	20,772			8,500	12,230	12,970	35,794	58	27
0.5 ha and under 1 ha	19,140	70,101	14,332	25,806			8,692	13,792	11,414	30,284	58	55
1 ha and under 2 ha	14,221	53,491	11,669	23,586			6,615	10,867	7,263	18,928	58	109
2 ha and under 3 ha	4,341	19,062	3,509	7,770			2,462	4,320	2,162	6,015	58	958
3 ha and under 4 ha	1,323	4,981	1,184	2,418			846	1,595	432	967		
4 ha and under 5 ha	331	1,327	338	753			269	532	43	42		
5 ha and under 10 ha	165	1,198	169	436			154	299	86	463		
10 ha and over	83	225	85	159			38	66				
Total	78,834	281,700	53,609	99,934			33,039	51,445	45,439	126,605	523	1,751

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	obit	Otl	ner
	No. of holdings	No. of heads								
Holding without land	457	1,801								
Holding with land	228	164								
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	228	164								
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	685	1,965								

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

							Cattle						
								U	nder one yea	ar			
Total area of holding		All a	ges			Total			Male			Female	
	No. of	Nu	mber of hea	ds	Nι	ımber of hea	ds	Nu	ımber of hea	ds	Νι	ımber of hea	ds
	holdings	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	5,116				1,705	1,665	40	832	793	40	872	872	
Holding with land	48,493	91,134	84,474	6,660	6,779	6,303	476	3,449	3,132	317	3,330	3,171	159
under 0.1 ha	2,029	3,885	3,528	357	357	317	40	317	277	40	40	40	
0.1 ha and under 0.2 ha	3,298	5,550	5,034	515	714	674	40	238	198	40	476	476	
0.2 ha and under 0.5 ha	11,880	20,772	19,424	1,348	1,784	1,784		912	912		872	872	
0.5 ha and under 1 ha	14,332	25,806	23,824	1,982	1,982	1,823	159	1,031	951	79	951	872	79
1 ha and under 2 ha	11,669	23,586	21,842	1,744	1,308	1,110	198	714	555	159	595	555	40
2 ha and under 3 ha	3,509	7,770	7,334	436	436	396	40	198	198		238	198	40
3 ha and under 4 ha	1,184	2,418	2,141	277	119	119		40	40		79	79	
4 ha and under 5 ha	338	753	753		40	40					40	40	
5 ha and under 10 ha	169	436	436										
10 ha and over	85	159	159		40	40					40	40	
Total	53,609	99,934	92,997	6,937	8,483	7,968	515	4,281	3,924	357	4,202	4,043	159

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	2,497	2,378	119	1,110	1,070	40	1,387	1,308	79
Holding with land	13,121	12,804	317	6,422	6,342	79	6,699	6,461	238
under 0.1 ha	1,665	1,625	40	595	595		1,070	1,031	40
0.1 ha and under 0.2 ha	1,427	1,348	79	753	753		674	595	79
0.2 ha and under 0.5 ha	4,559	4,559		2,418	2,418		2,141	2,141	
0.5 ha and under 1 ha	2,141	2,141		912	912		1,229	1,229	
1 ha and under 2 ha	2,497	2,339	159	1,189	1,110	79	1,308	1,229	79
2 ha and under 3 ha	634	634		436	436		198	198	
3 ha and under 4 ha	119	79	40	79	79		40		40
4 ha and under 5 ha	79	79		40	40		40	40	
5 ha and under 10 ha									
10 ha and over									
Total	15,618	15,182	436	7,532	7,413	119	8,087	7,770	317

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 area of halding		Total			Male				Fen	nale		
Total area of holding	N	umber of head	do.	N	umber of head	lo.		Cows			Cows in milk	
	IN	umber of nead	ıs	IN	umber of nead	15	N	umber of head	ls	N	umber of head	ls
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	4,598	4,479	119	436	357	79	1,784	1,744	40	2,378	2,378	
Holding with land	71,234	65,367	5,867	51,533	46,340	5,193	9,316	8,800	515	10,386	10,227	159
Under 0.1 ha	1,863	1,586	277	476	238	238	515	476	40	872	872	
0.1 ha and Under 0.2 ha	3,409	3,013	396	1,427	1,110	317	872	793	79	1,110	1,110	
0.2 ha and Under 0.5 ha	14,429	13,081	1,348	8,681	7,334	1,348	2,220	2,220		3,528	3,528	
0.5 ha and Under 1 ha	21,683	19,860	1,823	15,896	14,350	1,546	2,973	2,814	159	2,814	2,696	119
1 ha and Under 2 ha	19,781	18,393	1,387	16,451	15,262	1,189	1,863	1,665	198	1,467	1,467	
2 ha and Under 3 ha	6,699	6,303	396	5,629	5,312	317	595	555	40	476	436	40
3 ha and Under 4 ha	2,180	1,942	238	1,903	1,665	238	238	238		40	40	
4 ha and Under 5 ha	634	634		595	595					40	40	
5 ha and Under 10 ha	436	436		396	396					40	40	
10 ha and over	119	119		79	79		40	40				
Total	75,833	69,847	5,986	51,969	46,697	5,272	11,099	10,544	555	12,764	12,606	159

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

						Yak/Nak	/Chaunri					_
	A.II. a		ι	Inder one yea	ar	0	ne to three ye	ear		Three yea	ars and over	
Total area of holding	All a	ages	Total	Male	Female	Total	Male	Female	Total	Male	Fer	nale
	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. o						U	nder one yea	ar			
Total area of holding		All a	iges	-		Total			Male			Female	
	No. of	Nu	mber of hea	ds	Nu	mber of hea	ds	Nu	mber of hea	ds	Nu	ımber of hea	ıds
	holdings	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	, , , ,			233	731	698	33	366	332	33	366	366	
Holding with land	30,424	47,690	40,578	7,112	11,399	9,471	1,928	4,387	4,054	332	7,012	5,417	1,595
under 0.1 ha	1,154	1,562	1,263	299	233	166	66	66	66		166	100	66
0.1 ha and under 0.2 ha	1,692	2,426	1,928	498	532	399	133	199	199		332	199	133
0.2 ha and under 0.5 ha	8,500	12,230	10,169	2,060	2,625	2,060	565	964	864	100	1,662	1,196	465
0.5 ha and under 1 ha	8,692	13,792	11,897	1,894	3,456	2,958	498	1,429	1,329	100	2,027	1,628	399
1 ha and under 2 ha	6,615	10,867	9,172	1,695	2,692	2,193	498	931	798	133	1,761	1,396	366
2 ha and under 3 ha	2,462	4,320	3,888	432	1,163	1,063	100	465	465		698	598	100
3 ha and under 4 ha	846	1,595	1,363	233	432	366	66	133	133		299	233	66
4 ha and under 5 ha	269	532	532		133	133		100	100		33	33	
5 ha and under 10 ha	154	299	299		133	133		100	100		33	33	
10 ha and over	38	66	66										
Total	33,039	51,445	44,100	7,345	12,130	10,169	1,961	4,752	4,387	366	7,378	5,783	1,595

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	
		Number of heads			Number of heads			Number of heads	
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	665	598	66	233	199	33	432	399	33
Holding with land	10,203	9,206	997	2,094	1,795	299	8,109	7,411	698
under 0.1 ha	299	266	33	66	33	33	233	233	
0.1 ha and under 0.2 ha	565	465	100	33	33		532	432	100
0.2 ha and under 0.5 ha	3,024	2,692	332	798	665	133	2,227	2,027	199
0.5 ha and under 1 ha	2,958	2,692	266	498	465	33	2,459	2,227	233
1 ha and under 2 ha	2,293	2,060	233	465	366	100	1,828	1,695	133
2 ha and under 3 ha	631	598	33	133	133		498	465	33
3 ha and under 4 ha	266	266		100	100		166	166	
4 ha and under 5 ha	133	133					133	133	
5 ha and under 10 ha									
10 ha and over	33	33					33	33	
Total	10,867	9,804	1,063	2,326	1,994	332	8,541	7,810	731

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

						Buf	falo					
						Three year	s and over					
Total and of holding		Total			Male				Fen	nale		
Total area of holding	N	umber of head	ds	N	umber of head	ds		Buffalo		I	Buffalo in milk	
	Total	Local	Improved	Total	Local	Improved	N	umber of hea	d	N	lumber of hea	d
	Total	Locai	improved	Total	Local	improved	Total	Local	Improved	Total	Local	Improved
Holding without land	2,360	2,227	133	133 66		66	1,429	1,363	66	798	798	
Holding with land	26,088	21,901	4,187	1,063	997	66	14,290	11,432	2,858	10,734	9,471	1,263
Under 0.1 ha	1,030	831	199	199	166	33	332	199	133	498	465	33
0.1 ha and Under 0.2 ha	1,329	1,063	266	66	66		631	399	233	631	598	33
0.2 ha and Under 0.5 ha	6,580	5,417	1,163	399	399		3,224	2,459	764	2,958	2,559	399
0.5 ha and Under 1 ha	7,378	6,248	1,130	66	33	33	4,420	3,656	764	2,891	2,559	332
1 ha and Under 2 ha	5,882	4,919	964	266	266		3,224	2,526	698	2,393	2,127	266
2 ha and Under 3 ha	2,526	2,227	299	66	66		1,695	1,529	166	764	631	133
3 ha and Under 4 ha	897	731	166				532	432	100	366	299	66
4 ha and Under 5 ha	266	266					133	133		133	133	
5 ha and Under 10 ha	166	166					100	100		66	66	
10 ha and over	33	33								33	33	
Total	28,448	24,127	4,320	1,196	1,063	133	15,719	12,795	2,925	11,532	10,269	1,263

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

							Goat						
		A.II						Un	der six mont	hs			
Total area of holding		All a	ges	-		Total			Male			Female	
	No. of	I	No. of heads			No. of heads		I	No. of heads	i		No. of heads	i
	holdings	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	3,934	·			3,786	3,491	294	1,388	1,346	42	2,398	2,145	252
Holding with land	41,505	113,314	104,859	8,454	34,070	31,083	2,986	16,488	15,100	1,388	17,582	15,983	1,598
Under 0.1 ha	2,940	8,538	7,108	1,430	2,860	2,229	631	1,346	1,094	252	1,514	1,136	379
0.1 ha and Under 0.2 ha	4,194	12,282	11,483	799	3,323	3,113	210	1,598	1,556	42	1,725	1,556	168
0.2 ha and Under 0.5 ha	12,970	35,794	33,060	2,734	10,936	10,053	883	5,047	4,585	463	5,889	5,468	421
0.5 ha and Under 1 ha	11,414	30,284	28,644	1,640	9,506	8,959	547	5,047	4,795	252	4,459	4,164	294
1 ha and Under 2 ha	7,263	18,928	17,287	1,640	5,089	4,374	715	2,061	1,682	379	3,028	2,692	336
2 ha and Under 3 ha	2,162	6,015	5,804	210	1,935	1,935		1,094	1,094		841	841	
3 ha and Under 4 ha	432	967	967		336	336		252	252		84	84	
4 ha and Under 5 ha	43	42	42										
5 ha and Under 10 ha	86	463	463		84	84		42	42		42	42	
10 ha and over													
Total	45,439	126,605	117,394	9,211	37,855	34,575	3,281	17,876	16,446	1,430	19,979	18,128	1,851

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	9,506	9,043	463	2,187	2,103	84	7,319	6,940	379
Holding with land	79,244	73,776	5,468	23,050	21,535	1,514	56,194	52,240	3,954
Under 0.1 ha	5,678	4,879	799	1,598	1,430	168	4,080	3,449	631
0.1 ha and Under 0.2 ha	8,959	8,370	589	2,818	2,650	168	6,141	5,720	421
0.2 ha and Under 0.5 ha	24,858	23,008	1,851	7,193	6,604	589	17,666	16,404	1,262
0.5 ha and Under 1 ha	20,778	19,685	1,094	5,552	5,216	336	15,226	14,469	757
1 ha and Under 2 ha	13,838	12,913	925	4,416	4,248	168	9,422	8,665	757
2 ha and Under 3 ha	4,080	3,870	210	1,052	967	84	3,028	2,902	126
3 ha and Under 4 ha	631	631		210	210		421	421	
4 ha and Under 5 ha	42	42		42	42				
5 ha and Under 10 ha	379	379		168	168		210	210	
10 ha and over									
Total	88,750	82,819	5,931	25,237	23,639	1,598	63,513	59,180	4,332

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	1	No. of heads	3		No. of heads	eads No. of heads			3	No. of heads		
	holdings	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	116	116 492 492			137	137		137	137				
Holding with land	407	1,259	1,067	192	629	492	137	274	192	82	356	301	55
Under 0.1 ha	116	82	27	55	55		55	27		27	27		27
0.1 ha and Under 0.2 ha	58	27		27	27		27	27		27			
0.2 ha and Under 0.5 ha	58	27	27		27	27					27	27	
0.5 ha and Under 1 ha	58	55	55		55	55					55	55	
1 ha and Under 2 ha	58	109		109	55		55	27		27	27		27
2 ha and Under 3 ha	58	958	958		410	410		192	192		219	219	
3 ha and Under 4 ha													
4 ha and Under 5 ha													
5 ha and Under 10 ha													
10 ha and over													
Total	523	1,751	1,559	192	766	629	137	410	328	82	356	301	55

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

					Sheep				
					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	356	356		164	164		192	192	
Holding with land	629	575	55	301	301		328	274	55
Under 0.1 ha	27	27		27	27				
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	55		55				55		55
2 ha and Under 3 ha	547	547		274	274		274	274	
3 ha and Under 4 ha									
4 ha and Under 5 ha									
5 ha and Under 10 ha									
10 ha and over									
Total	985	930	55	465	465		520	465	55

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

					P	'ig				
Total area of holding		То	tal			Under six months	3	Si	x months and ov	er
Total area of holding	No. of holdings	1	Number of heads			Number of heads	3	1	Number of heads	
	No. of holdings	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	457	1,801	1,801					1,801	1,801	
Holding with land	228	164	164					164	164	
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	228	164	164					164	164	
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	685	1,965	1,965					1,965	1,965	

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

						Pot	ıltry (Chick	en)					
	To	otal			Loc	cal					Improved		-
Total area of holding					Nu	umber of bird	ls				Number	of birds	
	No. of holdings	Number of birds	No. of holdings				He	ens	No. of holdings				
	riolalitys	bilds	rioldings	Total	Chicks	Cocks	Laying eggs	Not laying eggs	nolulings	Total	Broiler	Layers	Giriraj
Holding without land	688	9,248	688	9,076	2,796	2,882	2,796	602	43	172	172		
Holding with land	2,667	24,518	2,624	15,571	6,194	2,409	4,430	2,538	129	8,947	8,775		172
Under 0.1 ha	258	1,505	258	1,333	430	129	774		43	172	86		86
0.1 ha and Under 0.2 ha	215	1,635	215	1,635	774	344	301	215					
0.2 ha and Under 0.5 ha	989	6,839	989	6,839	2,108	989	2,237	1,505					
0.5 ha and Under 1 ha	774	12,259	731	3,484	1,591	645	559	688	86	8,775	8,689		86
1 ha and Under 2 ha	344	1,419	344	1,419	688	258	344	129					
2 ha and Under 3 ha	86	860	86	860	602	43	215						
3 ha and Under 4 ha													
4 ha and Under 5 ha													
5 ha and Under 10 ha													
10 ha and over													
Total	3,355	33,766	3,312	24,647	8,990	5,291	7,226	3,140	172	9,119	8,947		172

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

			Other	birds		
Total area of holding	Du	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	86	1,505				
Holding with land	258	3,140	817	13,721	43	43
Under 0.1 ha	86	731	129	946	43	43
0.1 ha and Under 0.2 ha			43	258		
0.2 ha and Under 0.5 ha	86	172	129	1,936		
0.5 ha and Under 1 ha	43	2,151	129	1,419		
1 ha and Under 2 ha	43	86	215	5,463		
2 ha and Under 3 ha			43	860		
3 ha and Under 4 ha			43	172		
4 ha and Under 5 ha						
5 ha and Under 10 ha			86	2,667		
10 ha and over						
Total	344	4,645	817	13,721	43	43

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 holdin	gs reporting	the use of				
Total area of holding	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
Holding without land	8,431	142.1	86		516						43		129
Holding with land	87,575	72,165.1	49,164	473	14,539	8,216	7,785	42,712	38,884	33,120	16,173	21,980	8,216
Under 0.1 ha	7,097	440.3	2,581		946	258	344	817	989	774	172	602	344
0.1 ha and Under 0.2 ha	8,474	1,298.9	4,516		1,376	516	473	2,366	2,796	1,936	172	1,161	559
0.2 ha and Under 0.5 ha	25,679	8,895.8	13,850	86	3,699	2,237	2,151	11,829	10,280	8,560	2,624	4,559	2,151
0.5 ha and Under 1 ha	22,367	16,496.7	13,033	86	3,699	2,495	2,022	12,001	11,442	8,732	4,086	6,194	2,538
1 ha and Under 2 ha	16,861	23,750.7	10,624	129	3,097	1,505	1,678	10,151	8,818	8,431	5,377	5,850	1,893
2 ha and Under 3 ha	4,774	11,375.8	3,097		1,161	602	774	3,570	2,710	2,796	2,237	2,065	430
3 ha and Under 4 ha	1,635	5,652.9	1,032	172	258	387	258	1,419	1,290	1,333	1,032	1,032	129
4 ha and Under 5 ha	344	1,484.0	258		172	43	86	215	215	258	172	215	129
5 ha and Under 10 ha	258	1,769.5	129		129	172		258	258	215	215	258	43
10 ha and over	86	1,000.5	43					86	86	86	86	43	
Total	96,006	72,307.2	49,250	473	15,055	8,216	7,785	42,712	38,884	33,120	16,216	21,980	8,345

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	oughs					- 1	Power tillers	3	
	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	8,431	142.1	43	43	43									
Holding with land	87,575	72,165.1	30,841	32,948	32,260	688			344	344	344			
Under 0.1 ha	7,097	440.3	817	817	817									
0.1 ha and Under 0.2 ha	8,474	1,298.9	1,807	1,893	1,764	129								
0.2 ha and Under 0.5 ha	25,679	8,895.8	7,398	7,613	7,484	129			86	86	86			
0.5 ha and Under 1 ha	22,367	16,496.7	9,291	9,850	9,506	344								
1 ha and Under 2 ha	16,861	23,750.7	7,785	8,431	8,345	86			129	129	129			
2 ha and Under 3 ha	4,774	11,375.8	2,538	2,710	2,710									
3 ha and Under 4 ha	1,635	5,652.9	860	989	989				129	129	129			
4 ha and Under 5 ha	344	1,484.0	215	258	258									
5 ha and Under 10 ha	258	1,769.5	86	172	172									
10 ha and over	86	1,000.5	43	215	215									
Total	96,006	72,307.2	30,884	32,991	32,303	688			344	344	344			

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	meration)				
Total area of holding			Shallow	tube well					Deep tu	ibe 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	645	645	645									
Holding with land	6,280	6,667	6,624		43		1,161	1,419	1,419			
Under 0.1 ha	430	430	430									
0.1 ha and Under 0.2 ha	688	688	688									
0.2 ha and Under 0.5 ha	1,678	1,807	1,807				43	43	43			
0.5 ha and Under 1 ha	1,419	1,505	1,462		43		43	43	43			
1 ha and Under 2 ha	1,204	1,247	1,247				559	645	645			
2 ha and Under 3 ha	473	516	516				129	129	129			
3 ha and Under 4 ha	172	215	215				215	215	215			
4 ha and Under 5 ha	86	86	86				43	43	43			
5 ha and Under 10 ha	129	172	172				129	301	301			
10 ha and over												
Total	6,925	7,312	7,269		43		1,161	1,419	1,419			

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 pump	/Dhiki pump					Tra	ctor		
	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	4,861	5,205	5,162	43			1,936	1,979	1,893	86		
Under 0.1 ha	258	258	258									
0.1 ha and Under 0.2 ha	258	301	301				43	43	43			
0.2 ha and Under 0.5 ha	1,290	1,290	1,290				86	86	86			
0.5 ha and Under 1 ha	1,204	1,333	1,290	43			258	301	215	86		
1 ha and Under 2 ha	1,118	1,247	1,247				516	516	516			
2 ha and Under 3 ha	559	602	602				344	344	344			
3 ha and Under 4 ha	129	129	129				559	559	559			
4 ha and Under 5 ha	43	43	43				43	43	43			
5 ha and Under 10 ha							43	43	43			
10 ha and over							43	43	43			
Total	4,861	5,205	5,162	43			1,936	1,979	1,893	86		

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	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	1,936	1,979	1,936		43		5,592	5,850	5,635		215	
Under 0.1 ha	43	43	43									
0.1 ha and Under 0.2 ha							86	86	86			
0.2 ha and Under 0.5 ha	301	301	301				430	430	430			
0.5 ha and Under 1 ha	387	430	387		43		774	774	688		86	
1 ha and Under 2 ha	516	516	516				2,237	2,452	2,323		129	
2 ha and Under 3 ha	129	129	129				1,075	1,075	1,075			
3 ha and Under 4 ha	430	430	430				645	688	688			
4 ha and Under 5 ha	43	43	43				172	172	172			
5 ha and Under 10 ha	43	43	43				129	129	129			
10 ha and over	43	43	43				43	43	43			
Total	1,936	1,979	1,936		43		5,592	5,850	5,635		215	

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	meration)				
Total area of holding			Animal dr	awn 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	7,957	8,000	7,957	43			8,689	8,689	8,259			430
Under 0.1 ha	129	129	129				172	172	129			43
0.1 ha and Under 0.2 ha	86	86	86				301	301	301			
0.2 ha and Under 0.5 ha	989	989	946	43			1,204	1,204	1,118			86
0.5 ha and Under 1 ha	1,376	1,376	1,376				2,366	2,366	2,323			43
1 ha and Under 2 ha	3,011	3,054	3,054				2,667	2,667	2,581			86
2 ha and Under 3 ha	1,505	1,505	1,505				1,075	1,075	989			86
3 ha and Under 4 ha	516	516	516				602	602	516			86
4 ha and Under 5 ha	129	129	129				129	129	129			
5 ha and Under 10 ha	172	172	172				172	172	172			
10 ha and over	43	43	43									
Total	7,957	8,000	7,957	43			8,689	8,689	8,259			430

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

<b> </b>						
			Number by source (On	the day of enumeration)		
Total area of holding			Other ed	uipment		
	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others
Holding without land	86	86	86			
Holding with land	1,505	1,505	1,505			
Under 0.1 ha	86	86	86			
0.1 ha and Under 0.2 ha	43	43	43			
0.2 ha and Under 0.5 ha	344	344	344			
0.5 ha and Under 1 ha	516	516	516			
1 ha and Under 2 ha	387	387	387			
2 ha and Under 3 ha	86	86	86			
3 ha and Under 4 ha						
4 ha and Under 5 ha	43	43	43			
5 ha and Under 10 ha						
10 ha and over						
Total	1,591	1,591	1,591			

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

		Fo	r keeping livesto	ock			F	or keeping poult	ry	
Total area of holding	No. of holdings		Number b	by source		No. of holdings		Number t	by source	
	reporting the use	Total	Owned	Rented	Others	reporting the use	Total	Owned	Rented	Others
Holding without land	1,204	1,204	1,204							
Holding with land	14,969	16,431	15,786	645		172	172	172		
Under 0.1 ha	645	688	645	43						
0.1 ha and Under 0.2 ha	731	774	731	43						
0.2 ha and Under 0.5 ha	3,484	3,828	3,570	258		43	43	43		
0.5 ha and Under 1 ha	4,516	5,076	4,947	129		43	43	43		
1 ha and Under 2 ha	3,785	3,957	3,828	129						
2 ha and Under 3 ha	1,204	1,290	1,247	43		43	43	43		
3 ha and Under 4 ha	473	688	688			43	43	43		
4 ha and Under 5 ha	43	43	43							
5 ha and Under 10 ha	43	43	43							
10 ha and over	43	43	43							
Total	16,173	17,636	16,990	645		172	172	172		

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 miscellaneous purposes				
Total area of holding	No. of holdings		Number t			No. of holdings		Number t		
	reporting the use	Total	Owned	Rented	Others	reporting the use	Total	Owned	Rented	Others
Holding without land										
Holding with land	1,161	1,204	1,118	86		1,032	1,032	1,032		
Under 0.1 ha										
0.1 ha and Under 0.2 ha						86	86	86		
0.2 ha and Under 0.5 ha						86	86	86		
0.5 ha and Under 1 ha	344	387	301	86		172	172	172		
1 ha and Under 2 ha	516	516	516			559	559	559		
2 ha and Under 3 ha	172	172	172			86	86	86		
3 ha and Under 4 ha	86	86	86			43	43	43		
4 ha and Under 5 ha										
5 ha and Under 10 ha										
10 ha and over	43	43	43							
Total	1,161	1,204	1,118	86		1,032	1,032	1,032		

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

	То	tal			Forest Trees		
Total area of holding	No. of holdings	Aron (ho)	No. of holdings		Compact Plantation		Number of scattered
	No. of holdings	Area (ha)	reporting	No. of holdings	Area (ha)	No. of trees	trees
Holding without land	8,431	142.1	645	43	0.1	516	2,065
Holding with land	87,575	72,165.1	23,485	3,828	284.4	333,010	358,087
Under 0.1 ha	7,097	440.3	989				3,269
0.1 ha and Under 0.2 ha	8,474	1,298.9	1,376	86	6.3	1,936	7,914
0.2 ha and Under 0.5 ha	25,679	8,895.8	5,033	473	22.5	20,431	49,121
0.5 ha and Under 1 ha	22,367	16,496.7	6,968	860	26.4	31,185	110,631
1 ha and Under 2 ha	16,861	23,750.7	6,237	1,505	92.7	72,177	97,511
2 ha and Under 3 ha	4,774	11,375.8	1,721	473	32.7	46,024	56,649
3 ha and Under 4 ha	1,635	5,652.9	817	258	28.0	6,624	12,216
4 ha and Under 5 ha	344	1,484.0	172	43	2.9	3,871	14,711
5 ha and Under 10 ha	258	1,769.5	172	129	72.8	150,762	6,065
10 ha and over	86	1,000.5					
Total	96,006	72,307.2	24,131	3,871	284.5	333,526	360,152

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	8,431	142.1	645	645			
Holding with land	87,575	72,165.1	23,485	23,313	86		86
Under 0.1 ha	7,097	440.3	989	989			
0.1 ha and Under 0.2 ha	8,474	1,298.9	1,376	1,376			
0.2 ha and Under 0.5 ha	25,679	8,895.8	5,033	4,990			43
0.5 ha and Under 1 ha	22,367	16,496.7	6,968	6,925	43		
1 ha and Under 2 ha	16,861	23,750.7	6,237	6,237			
2 ha and Under 3 ha	4,774	11,375.8	1,721	1,721			
3 ha and Under 4 ha	1,635	5,652.9	817	817			
4 ha and Under 5 ha	344	1,484.0	172	129			43
5 ha and Under 10 ha	258	1,769.5	172	129	43		
10 ha and over	86	1,000.5					
Total	96,006	72,307.2	24,131	23,958	86		86

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

Total area of holding	То	tal	Numbe	er of holding reporting and	illary agriculture activity on h	nolding
Total area of holding	Number of Holdings	Area (ha)	Mushroom farming	Sericulture	Bee-keeping	Fishery
Holding without land	8,431	142.1				
Holding with land	87,575	72,165.1	43		172	215
Under 0.1 ha	7,097	440.3			86	
0.1 ha and Under 0.2 ha	8,474	1,298.9				
0.2 ha and Under 0.5 ha	25,679	8,895.8	43			43
0.5 ha and Under 1 ha	22,367	16,496.7				86
1 ha and Under 2 ha	16,861	23,750.7			43	43
2 ha and Under 3 ha	4,774	11,375.8			43	
3 ha and Under 4 ha	1,635	5,652.9				
4 ha and Under 5 ha	344	1,484.0				
5 ha and Under 10 ha	258	1,769.5				43
10 ha and over	86	1,000.5				
Total	96,006	72,307.2	43		172	215

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	8,431	142.1						
Holding with land	87,575	72,165.1	215	215	258	61.9	43	
Under 0.1 ha	7,097	440.3						
0.1 ha and Under 0.2 ha	8,474	1,298.9						
0.2 ha and Under 0.5 ha	25,679	8,895.8	43	43	43	0.7		
0.5 ha and Under 1 ha	22,367	16,496.7	86	86	129	25.5	43	
1 ha and Under 2 ha	16,861	23,750.7	43	43	43	6.6		
2 ha and Under 3 ha	4,774	11,375.8						
3 ha and Under 4 ha	1,635	5,652.9						
4 ha and Under 5 ha	344	1,484.0						
5 ha and Under 10 ha	258	1,769.5	43	43	43	29.1		
10 ha and over	86	1,000.5						
Total	96,006	72,307.2	215	215	258	61.9	43	

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	8,431	142.1	6,366	2,065		86	129		43	1,635	172
Holding with land	87,575	72,165.1	62,886	24,690	1,118	6,280	645	817	301	13,205	2,323
Under 0.1 ha	7,097	440.3	5,936	1,161	43	43	43	43	43	860	86
0.1 ha and Under 0.2 ha	8,474	1,298.9	6,194	2,280	43	258	86	129		1,548	215
0.2 ha and Under 0.5 ha	25,679	8,895.8	18,410	7,269	258	1,247	129	473	86	4,258	817
0.5 ha and Under 1 ha	22,367	16,496.7	14,926	7,441	559	1,850	215	129	172	3,785	731
1 ha and Under 2 ha	16,861	23,750.7	12,345	4,516	86	1,635	129	43		2,280	344
2 ha and Under 3 ha	4,774	11,375.8	3,613	1,161	86	688				301	86
3 ha and Under 4 ha	1,635	5,652.9	1,032	602	43	344	43			129	43
4 ha and Under 5 ha	344	1,484.0	258	86		86					
5 ha and Under 10 ha	258	1,769.5	86	172		129				43	
10 ha and over	86	1,000.5	86								
Total	96,006	72,307.2	69,252	26,754	1,118	6,366	774	817	344	14,840	2,495

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

T	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	8,431	142.1	2,581	86		43	2,151		301
Holding with land	87,575	72,165.1	28,948	6,280	7,656	2,366	11,528	172	946
Under 0.1 ha	7,097	440.3	1,161	86	43	86	731	43	172
0.1 ha and Under 0.2 ha	8,474	1,298.9	2,194	344	172		1,548		129
0.2 ha and Under 0.5 ha	25,679	8,895.8	8,388	1,807	1,247	172	4,861		301
0.5 ha and Under 1 ha	22,367	16,496.7	7,656	1,936	2,323	516	2,624	86	172
1 ha and Under 2 ha	16,861	23,750.7	6,753	1,548	2,624	903	1,548		129
2 ha and Under 3 ha	4,774	11,375.8	1,893	430	946	301	172	43	
3 ha and Under 4 ha	1,635	5,652.9	602	43	215	301			43
4 ha and Under 5 ha	344	1,484.0	215		86	86	43		
5 ha and Under 10 ha	258	1,769.5	86	86					
10 ha and over	86	1,000.5							
Total	96,006	72,307.2	31,529	6,366	7,656	2,409	13,678	172	1,247

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

	То	tal		Average	Main source of house		Sufficiency of agriculture 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	8,431	142.1	43,444	5.2	2,753	5,678	301	8,130	
Holding with land	87,575	72,165.1	528,248	6.0	71,875	15,700	42,712	44,863	
Under 0.1 ha	7,097	440.3	33,507	4.7	3,140	3,957	215	6,882	
0.1 ha and Under 0.2 ha	8,474	1,298.9	44,304	5.2	5,334	3,140	602	7,871	
0.2 ha and Under 0.5 ha	25,679	8,895.8	148,525	5.8	20,646	5,033	6,538	19,141	
0.5 ha and Under 1 ha	22,367	16,496.7	138,331	6.2	20,173	2,194	14,065	8,302	
1 ha and Under 2 ha	16,861	23,750.7	108,953	6.5	15,657	1,204	14,366	2,495	
2 ha and Under 3 ha	4,774	11,375.8	35,959	7.5	4,688	86	4,645	129	
3 ha and Under 4 ha	1,635	5,652.9	13,506	8.3	1,548	86	1,591	43	
4 ha and Under 5 ha	344	1,484.0	2,710	7.9	344		344		
5 ha and Under 10 ha	258	1,769.5	2,194	8.5	258		258		
10 ha and over	86	1,000.5	258	3.0	86		86		
Total	96,006	72,307.2	571,692	6.0	74,628	21,378	43,013	52,993	

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	8,431	8,130	129	688	1,893	5,420	430	4,947	301	2,108		215	129
Holding with land	87,575	44,863	5,033	19,098	15,485	5,248	2,065	28,862	1,118	10,366	430	1,893	129
Under 0.1 ha	7,097	6,882	172	1,161	2,667	2,882	258	4,990	172	1,032	215	172	43
0.1 ha and Under 0.2 ha	8,474	7,871	344	2,710	3,742	1,075	344	5,635	129	1,505	43	172	43
0.2 ha and Under 0.5 ha	25,679	19,141	2,108	8,990	7,097	946	688	12,775	516	4,258	43	817	43
0.5 ha and Under 1 ha	22,367	8,302	1,979	4,430	1,635	258	516	4,559	215	2,581		430	
1 ha and Under 2 ha	16,861	2,495	387	1,721	301	86	258	860	86	989	129	172	
2 ha and Under 3 ha	4,774	129		86	43			43				86	
3 ha and Under 4 ha	1,635	43	43									43	
4 ha and Under 5 ha	344												
5 ha and Under 10 ha	258												
10 ha and over	86												
Total	96,006	52,993	5,162	19,786	17,377	10,667	2,495	33,809	1,419	12,474	430	2,108	258

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

	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	8,431	142.1	1,419	3,785	1,807	1,376	43	
Holding with land	87,575	72,165.1	7,312	31,314	26,582	20,905	774	688
Under 0.1 ha	7,097	440.3	774	3,226	1,893	1,075	43	86
0.1 ha and Under 0.2 ha	8,474	1,298.9	516	2,882	2,495	2,452	43	86
0.2 ha and Under 0.5 ha	25,679	8,895.8	2,495	8,990	7,914	5,850	215	215
0.5 ha and Under 1 ha	22,367	16,496.7	1,591	7,871	6,667	5,850	215	172
1 ha and Under 2 ha	16,861	23,750.7	1,462	6,022	5,291	3,871	129	86
2 ha and Under 3 ha	4,774	11,375.8	430	1,591	1,591	1,118	43	
3 ha and Under 4 ha	1,635	5,652.9		430	516	602	86	
4 ha and Under 5 ha	344	1,484.0	43	172	86	43		
5 ha and Under 10 ha	258	1,769.5		86	86	43		43
10 ha and over	86	1,000.5		43	43			
Total	96,006	72,307.2	8,732	35,099	28,389	22,281	817	688

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	ing 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	8,431	142.1	4,602	1,764			645	1,419
Holding with land	87,575	72,165.1	41,723	27,228	2,280	129	8,904	7,312
Under 0.1 ha	7,097	440.3	4,430	1,462	86		344	774
0.1 ha and Under 0.2 ha	8,474	1,298.9	5,205	2,194			559	516
0.2 ha and Under 0.5 ha	25,679	8,895.8	12,732	8,130	172	129	2,022	2,495
0.5 ha and Under 1 ha	22,367	16,496.7	10,194	7,484	301		2,796	1,591
1 ha and Under 2 ha	16,861	23,750.7	6,624	5,936	1,032		1,807	1,462
2 ha and Under 3 ha	4,774	11,375.8	1,721	1,376	344		903	430
3 ha and Under 4 ha	1,635	5,652.9	559	516	258		301	
4 ha and Under 5 ha	344	1,484.0	129	86	43		43	43
5 ha and Under 10 ha	258	1,769.5	43	43	43		129	
10 ha and over	86	1,000.5	86					
Total	96,006	72,307.2	46,325	28,991	2,280	129	9,549	8,732

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

	To	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	8,431	142.1	8,345	86	8,431		
Holding with land	87,575	72,165.1	86,285	1,290	86,887	516	172
Under 0.1 ha	7,097	440.3	6,968	129	7,054	43	
0.1 ha and Under 0.2 ha	8,474	1,298.9	8,345	129	8,302	129	43
0.2 ha and Under 0.5 ha	25,679	8,895.8	25,292	387	25,636		43
0.5 ha and Under 1 ha	22,367	16,496.7	22,066	301	22,152	172	43
1 ha and Under 2 ha	16,861	23,750.7	16,646	215	16,689	129	43
2 ha and Under 3 ha	4,774	11,375.8	4,688	86	4,731	43	
3 ha and Under 4 ha	1,635	5,652.9	1,635		1,635		
4 ha and Under 5 ha	344	1,484.0	344		344		
5 ha and Under 10 ha	258	1,769.5	215	43	258		
10 ha and over	86	1,000.5	86		86		
Total	96,006	72,307.2	94,630	1,376	95,318	516	172

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 poi produ					Main producti	on of holdings	i		
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	8,431	142.1	6,753	1,678	86				8,345			
Holding with land	87,575	72,165.1	86,715	860	82,930	1,635	215	1,075	1,635			86
Under 0.1 ha	7,097	440.3	6,839	258	4,559	1,419	129	43	903			43
0.1 ha and Under 0.2 ha	8,474	1,298.9	8,431	43	7,742	215	43	129	344			
0.2 ha and Under 0.5 ha	25,679	8,895.8	25,507	172	24,819		43	516	258			43
0.5 ha and Under 1 ha	22,367	16,496.7	22,367		21,980			301	86			
1 ha and Under 2 ha	16,861	23,750.7	16,646	215	16,732			86	43			
2 ha and Under 3 ha	4,774	11,375.8	4,731	43	4,774							
3 ha and Under 4 ha	1,635	5,652.9	1,548	86	1,635							
4 ha and Under 5 ha	344	1,484.0	344		344							
5 ha and Under 10 ha	258	1,769.5	215	43	258							
10 ha and over	86	1,000.5	86		86							
Total	96,006	72,307.2	93,468	2,538	83,016	1,635	215	1,075	9,979			86

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

	Т	otal				0	ther main e	conomic pro	duction avti	ivity 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 intermediation	Real state/profe ssional services	Education	Health	Community social and personal services
Holding without land	8,431	142.1		172	43	301	430	86						215
Holding with land	87,575	72,165.1	129	1,678	129	1,462	3,699	344	43	86	129	430	172	516
Under 0.1 ha	7,097	440.3	43	86		215	301				43	86		86
0.1 ha and Under 0.2 ha	8,474	1,298.9		129		387	344	43				43		43
0.2 ha and Under 0.5 ha	25,679	8,895.8		559	43	430	1,247	172			43	86		258
0.5 ha and Under 1 ha	22,367	16,496.7	86	516	43	258	946	129	43	43	43	43	43	129
1 ha and Under 2 ha	16,861	23,750.7		215	43	129	731			43		86	86	
2 ha and Under 3 ha	4,774	11,375.8		129		43	129						43	
3 ha and Under 4 ha	1,635	5,652.9		43								43		
4 ha and Under 5 ha	344	1,484.0										43		
5 ha and Under 10 ha	258	1,769.5												
10 ha and over	86	1,000.5												
Total	96,006	72,307.2	129	1,850	172	1,764	4,129	430	43	86	129	430	172	731

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 d	egradation	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	8,431	142.1	86	26.2			129	29.1
Holding with land	87,575	72,165.1	2,495	1,857.5	86	11.7	4,129	1,594.8
Under 0.1 ha	7,097	440.3					86	1.7
0.1 ha and Under 0.2 ha	8,474	1,298.9	129	20.4			344	150.8
0.2 ha and Under 0.5 ha	25,679	8,895.8	473	94.0			1,505	339.4
0.5 ha and Under 1 ha	22,367	16,496.7	688	246.5			903	226.9
1 ha and Under 2 ha	16,861	23,750.7	860	1,329.1	43	10.2	946	500.3
2 ha and Under 3 ha	4,774	11,375.8	86	43.7			258	259.3
3 ha and Under 4 ha	1,635	5,652.9	129	68.5	43	1.5		
4 ha and Under 5 ha	344	1,484.0	43	8.7				
5 ha and Under 10 ha	258	1,769.5	86	46.6			86	116.5
10 ha and over	86	1,000.5						
Total	96,006	72,307.2	2,581	1,883.7	86	11.7	4,258	1,623.9

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 basis	3
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 worl days)	kers (man
		reporting	Total	Male	Female	reporting	Total	Male	Female	reporting	Total	Male	Female
Holding without land	8,431					43	1,290	645	645	43	516	215	301
Holding with land	87,575	989	1,290	1,118	172	49,810	2,788,561	1,294,619	1,493,943	10,882	180,958	86,500	94,458
Under 0.1 ha	7,097					516	3,226	2,280	946	774	3,871	1,635	2,237
0.1 ha and Under 0.2 ha	8,474					2,022	31,400	14,539	16,861	1,850	14,323	6,753	7,570
0.2 ha and Under 0.5 ha	25,679	43	43	43		11,872	265,221	120,481	144,740	4,904	52,390	26,539	25,851
0.5 ha and Under 1 ha	22,367	172	387	258	129	15,829	667,999	314,600	353,398	2,237	43,229	25,421	17,808
1 ha and Under 2 ha	16,861	387	430	430		13,635	967,243	445,576	521,667	860	29,077	12,646	16,431
2 ha and Under 3 ha	4,774	301	344	301	43	4,000	458,351	210,852	247,499	172	12,259	4,904	7,355
3 ha and Under 4 ha	1,635	43	43	43		1,290	186,850	95,232	91,619	86	25,808	8,603	17,205
4 ha and Under 5 ha	344					301	48,605	18,281	30,324				
5 ha and Under 10 ha	258					258	86,543	34,067	52,476				
10 ha and over	86	43	43	43		86	73,123	38,712	34,411				
Total	96,006	989	1,290	1,118	172	49,853	2,789,852	1,295,264	1,494,588	10,925	181,474	86,715	94,759

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

				Nur	mber of holdings b	y 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	years
	S	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	8,431	7,269	1,161			258	43	1,118	301
Holding with land	87,575	81,166	6,409			1,161	86	8,861	1,505
Under 0.1 ha	7,097	6,022	1,075			301		774	258
0.1 ha and Under 0.2 ha	8,474	7,398	1,075			86		1,204	215
0.2 ha and Under 0.5 ha	25,679	23,356	2,323			387	43	3,183	645
0.5 ha and Under 1 ha	22,367	21,335	1,032			129		1,979	301
1 ha and Under 2 ha	16,861	16,087	774			172	43	1,204	86
2 ha and Under 3 ha	4,774	4,645	129			86		344	
3 ha and Under 4 ha	1,635	1,635						129	
4 ha and Under 5 ha	344	344							
5 ha and Under 10 ha	258	258						43	
10 ha and over	86	86							
Total	96,006	88,436	7,570			1,419	129	9,979	1,807

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

		Number of holdings by holder's age and sex								
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	2,538 430		1,548	258	1,505	129	301			
Holding with land	21,378			946	16,216	817	10,538	559		
Under 0.1 ha	1,850	387	1,591	301	1,161	129	344			
0.1 ha and Under 0.2 ha	2,366	473	1,893	129	1,118	86	731	172		
0.2 ha and Under 0.5 ha	6,409	903	6,538	301	4,301	215	2,538	215		
0.5 ha and Under 1 ha	6,022	387	6,151	86	4,301	129	2,753	129		
1 ha and Under 2 ha	3,484	301	4,818	86	3,613	215	2,796	43		
2 ha and Under 3 ha	774	43	1,462	43	1,075	43	903			
3 ha and Under 4 ha	344		344		430		387			
4 ha and Under 5 ha	86		43		172		43			
5 ha and Under 10 ha	43		129				43			
10 ha and over			43		43					
Total	23,915	2,925	24,561	1,204	17,722	946	10,839	559		

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

		Area (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	
	3. (3,	Male	Female	Male	Female	Male	Female	Male	Female	
Holding without land	142.1	121.3	20.8			2.8	0.7	15.6	4.0	
Holding with land	72,165.1	69,054.3	3,110.8			708.6	74.3	6,030.7	591.4	
Under 0.1 ha	440.3	383.7	56.6			17.2		56.6	12.3	
0.1 ha and Under 0.2 ha	1,298.9	1,135.3	163.7			13.5		180.1	36.1	
0.2 ha and Under 0.5 ha	8,895.8	8,140.3	755.4			127.3	19.9	1,119.6	214.1	
0.5 ha and Under 1 ha	16,496.7	15,781.3	715.4			104.8		1,400.9	210.3	
1 ha and Under 2 ha	23,750.7	22,662.6	1,088.1			236.8	54.4	1,673.4	118.6	
2 ha and Under 3 ha	11,375.8	11,044.2	331.5			208.8		832.4		
3 ha and Under 4 ha	5,652.9	5,652.9						490.4		
4 ha and Under 5 ha	1,484.0	1,484.0								
5 ha and Under 10 ha	1,769.5	1,769.5						277.4		
10 ha and over	1,000.5	1,000.5								
Total	72,307.2	69,175.6	3,131.6			711.4	75.0	6,046.3	595.4	

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

		Area (ha) of holdings by holder's age and sex								
Total area of holding	35 - 44	Years	45 - 54	l Years	55 - 64	Years	65 Years	and over		
	Male	Female	Male	Female	Male	Female	Male	Female		
Holding without land	41.7	6.7	32.1	32.1 8.2		1.2	4.5			
Holding with land	15,877.9	1,159.4	20,094.3	418.6	15,425.5	611.6	10,917.3	255.5		
Under 0.1 ha	115.3	22.1	97.5	17.2	73.7	5.0	23.3			
0.1 ha and Under 0.2 ha	379.7	70.3	281.8	19.3	169.4	12.8	110.7	25.1		
0.2 ha and Under 0.5 ha	2,233.3	281.5	2,291.6	104.8	1,487.1	75.3	881.4	59.8		
0.5 ha and Under 1 ha	4,361.4	246.8	4,576.9	65.4	3,306.6	92.1	2,030.7	100.8		
1 ha and Under 2 ha	4,988.7	436.2	6,710.7	103.9	5,041.0	305.2	4,012.0	69.8		
2 ha and Under 3 ha	1,910.7	102.3	3,395.5	108.0	2,566.7	121.2	2,130.1			
3 ha and Under 4 ha	1,182.0		1,213.3		1,487.6		1,279.5			
4 ha and Under 5 ha	350.4		182.3		778.0		173.3			
5 ha and Under 10 ha	356.3		859.5				276.2			
10 ha and over			485.2		515.3					
Total	15,919.7	1,166.1	20,126.4	426.8	15,450.1	612.8	10,921.8	255.5		

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

			Farm population							
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	8,431 87,575	22,711	20,732	9,420	8,302	3,871	2,796	2,280	3,441	
Holding with land	87,575	279,243	249,005	99,146	89,984	53,767	40,820	36,002	38,970	
Under 0.1 ha	7,097	17,248	16,259	5,592	6,022	4,000	2,538	1,936	2,323	
0.1 ha and Under 0.2 ha	8,474	22,367	21,937	8,474	8,646	3,957	3,269	2,753	3,441	
0.2 ha and Under 0.5 ha	25,679	78,844	69,682	28,776	25,679	14,797	10,624	10,452	11,011	
0.5 ha and Under 1 ha	22,367	72,822	65,509	25,937	24,432	14,151	10,882	8,732	9,850	
1 ha and Under 2 ha	16,861	57,853	51,100	20,130	17,463	10,796	9,076	7,570	7,828	
2 ha and Under 3 ha	4,774	19,743	16,216	6,796	4,947	4,086	3,011	2,667	2,968	
3 ha and Under 4 ha	1,635	7,527	5,979	2,538	1,893	1,376	1,032	1,505	1,247	
4 ha and Under 5 ha	344	1,419	1,290	430	645	301	172	301	172	
5 ha and Under 10 ha	258	1,290	903	430	215	301	215	86	129	
10 ha and over	86	129	129	43	43					
Total	96,006	301,954	269,737	108,566	98,286	57,638	43,616	38,282	42,411	

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

	Farm population									
Total area of holding	35 - 44	Years	45 - 54	Years	55 - 64	Years	65 Years	and over		
	Male	Female	Male	Male Female		Female	Male	Female		
Holding without land	3,269	2,925	1,721	1,807	1,635	860	516	602		
Holding with land	33,378	32,561	25,722	22,625	17,420	15,614	13,807	8,431		
Under 0.1 ha	2,366	2,194	1,678	1,807	1,247	860	430	516		
0.1 ha and Under 0.2 ha	3,097	3,054	2,065	1,678	1,161	1,161	860	688		
0.2 ha and Under 0.5 ha	9,420	9,721	7,269	6,022	4,688	4,602	3,441	2,022		
0.5 ha and Under 1 ha	8,818	8,345	6,925	5,893	4,731	3,785	3,527	2,323		
1 ha and Under 2 ha	6,581	6,538	5,334	4,818	3,656	3,613	3,785	1,764		
2 ha and Under 3 ha	1,979	1,850	1,764	1,548	1,290	1,204	1,161	688		
3 ha and Under 4 ha	774	559	473	602	430	301	430	344		
4 ha and Under 5 ha	129	129	43	129	172	43	43			
5 ha and Under 10 ha	215	172	129	86			129	86		
10 ha and over			43	43	43	43				
Total	36,647	35,486	27,443	24,432	19,055	16,474	14,323	9,033		

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	7,269	7,269 1,161		43	688	43	387		129	
Holding with land	81,166	6,409	4,559	258	11,700	215	4,559	215	2,624	43
Under 0.1 ha	6,022	1,075	172		645	43	172	129	172	43
0.1 ha and Under 0.2 ha	7,398	1,075	215		774	43	215		172	
0.2 ha and Under 0.5 ha	23,356	2,323	1,247	86	2,624	43	688		387	
0.5 ha and Under 1 ha	21,335	1,032	1,161	86	3,570	86	1,075	43	731	
1 ha and Under 2 ha	16,087	774	1,419	43	2,538		1,548	43	645	
2 ha and Under 3 ha	4,645	129	172	43	989		602		258	
3 ha and Under 4 ha	1,635		129		344		258		172	
4 ha and Under 5 ha	344		43		86					
5 ha and Under 10 ha	258				129				86	
10 ha and over	86									
Total	88,436	7,570	5,033	301	12,388	258	4,947	215	2,753	43

Table 29. Educational level of holder (Continued)

					Level of e	education				
Total area of holding	Bachelor's level		Master'	s level	Profession	nal Degree	Literate (non-for	rmal education)	Illiterate	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	43						1,204	129	4,344	946
Holding with land	1,247		860		86		21,421	774	34,110	4,904
Under 0.1 ha	258		301				1,721	86	2,581	774
0.1 ha and Under 0.2 ha	43		43				1,678	258	4,258	774
0.2 ha and Under 0.5 ha	129		86				6,624	258	11,571	1,936
0.5 ha and Under 1 ha	215		172				5,377	43	9,033	774
1 ha and Under 2 ha	258		215				4,430	129	5,033	559
2 ha and Under 3 ha	258				43		1,204		1,118	86
3 ha and Under 4 ha	43						258		430	
4 ha and Under 5 ha			43				86		86	
5 ha and Under 10 ha							43			
10 ha and over	43				43					
Total	1,290		860		86	_	22,625	903	38,454	5,850

Table 30. Educational level of farm population other than holder

	To	to!				Level of	education				
Total area of hoding	10	ıldı	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	13,076	17,420	5,420	3,957	2,280	1,376	602	172	301	129	
Holding with land	172,699	219,153	60,219	51,100	43,745	32,475	13,291	6,022	8,775	3,742	
Under 0.1 ha	10,194	13,721	3,226	2,882	2,108	1,979	731	516	430	301	
0.1 ha and Under 0.2 ha	13,033	18,883	5,076	4,947	2,452	1,548	559	344	559	344	
0.2 ha and Under 0.5 ha	48,218	61,552	16,904	14,496	11,485	8,173	2,968	946	2,022	559	
0.5 ha and Under 1 ha	45,121	57,638	16,646	13,334	12,732	8,818	3,226	1,290	1,850	516	
1 ha and Under 2 ha	35,873	45,422	11,915	10,538	9,334	7,355	3,785	1,419	2,452	1,161	
2 ha and Under 3 ha	12,904	14,323	4,000	2,710	4,215	3,183	1,161	1,075	860	387	
3 ha and Under 4 ha	5,377	5,506	1,678	1,505	1,118	946	645	387	430	215	
4 ha and Under 5 ha	903	1,161	301	473	215	344	86			129	
5 ha and Under 10 ha	1,032	817	430	172	86	129	129	43	172	86	
10 ha and over	43	129	43	43						43	
Total	185,775	236,574	65,639	55,057	46,024	33,852	13,893	6,194	9,076	3,871	

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-for	rmal education)	Illiterate		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Holding without land			43	43			860	1,204	3,570	10,538	
Holding with land	2,753	946	1,936	731	86		17,205	22,582	24,690	101,555	
Under 0.1 ha	215	129	258	43	43		1,419	1,333	1,764	6,538	
0.1 ha and Under 0.2 ha	43		43				1,505	1,850	2,796	9,850	
0.2 ha and Under 0.5 ha	86	43	86	129			5,764	6,624	8,904	30,583	
0.5 ha and Under 1 ha	430	344	430	86			3,914	5,076	5,893	28,174	
1 ha and Under 2 ha	860	172	430	215	43		3,183	5,420	3,871	19,141	
2 ha and Under 3 ha	473	172	387	172			774	1,462	1,032	5,162	
3 ha and Under 4 ha	473		172	86			559	688	301	1,678	
4 ha and Under 5 ha	129		86				43	43	43	172	
5 ha and Under 10 ha	43	86	43				43	43	86	258	
10 ha and over								43			
Total	2,753	946	1,979	774	86		18,066	23,786	28,260	112,093	

Table 31. Occupational distribution of holder

	_							Main oc	cupation					
Total area of hoding	Total		Armed forces		Mana	Managers		Professionals		ians and ciate	Clerical support workers		Service and sales workers	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	7,269	1,161			86				129		43			
Holding with land	81,166	6,409			172		731	43	817		258		258	86
Under 0.1 ha	6,022	1,075			43		215		301		43			43
0.1 ha and Under 0.2 ha	7,398	1,075					129		43					
0.2 ha and Under 0.5 ha	23,356	2,323			86		129	43	172		43		43	43
0.5 ha and Under 1 ha	21,335	1,032					43		86		129		86	
1 ha and Under 2 ha	16,087	774					129		129				86	
2 ha and Under 3 ha	4,645	129			43		43		86				43	
3 ha and Under 4 ha	1,635										43			
4 ha and Under 5 ha	344													
5 ha and Under 10 ha	258													
10 ha and over	86						43							
Total	88,436	7,570			258		731	43	946		301		258	86

Table 31. Occupational distribution of holder (Continued)

							Main oc	cupation						
Total area of holding	, , ,			d related Plants and operate					Household chores		Student		Not working	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	4,301	602	1,204	43	86		946	43	258	473	43		172	
Holding with land	69,811	4,387	3,097		559		1,204		2,753	1,807	86		1,419	86
Under 0.1 ha	4,215	731	688				215		258	301			43	
0.1 ha and Under 0.2 ha	5,893	817	516		43		430		215	258			129	
0.2 ha and Under 0.5 ha	20,044	1,419	946		344		215		989	774			344	43
0.5 ha and Under 1 ha	18,969	645	645		86		258		473	387			559	
1 ha and Under 2 ha	14,668	645	258		86		43		430	86			258	43
2 ha and Under 3 ha	4,129	129	43				43		43		86		86	
3 ha and Under 4 ha	1,290								301					
4 ha and Under 5 ha	344													
5 ha and Under 10 ha	215								43					
10 ha and over	43													
Total	74,112	4,990	4,301	43	645		2,151	43	3,011	2,280	129	_	1,591	86

Table 32. Occupational distribution of farm population other than holder

								Main oc	cupation					
Total area of hoding	To	Total		forces	Mana	agers	Profes	sionals	Technicians and associate		Clerical support workers		Service a	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	9,592	14,496	86	43		43			86		43		43	86
Holding with land	136,912	188,012	473	172	258	473	688	301	903	344	946	172	602	43
Under 0.1 ha	8,302	11,872				43			129	86	86			
0.1 ha and Under 0.2 ha	10,194	15,614	43			43			86	43			129	]
0.2 ha and Under 0.5 ha	38,497	51,530	129	43	86	129	43	129	129	43	387	86	86	
0.5 ha and Under 1 ha	34,970	50,197		86	43	129	129	43	172	43	129		86	
1 ha and Under 2 ha	28,475	39,744	129		43	43	387	86	258	86	258		301	43
2 ha and Under 3 ha	10,409	12,732	86			43	86	43			43	43		]
3 ha and Under 4 ha	4,430	4,688		43	43				129		43	43		]
4 ha and Under 5 ha	774	817	86		43	43	43			43				]
5 ha and Under 10 ha	817	688												]
10 ha and over	43	129												
Total	146,504	202,507	559	215	258	516	688	301	989	344	989	172	645	129

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

							Main oc	cupation						
Total area of holding	I forestry and fishery I			d related vorkers Plants and operato assem		ors and eleme		entary Househo		ld chores	Student		Not working	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	1,419	774	774	86	516	43	473	215	1,118	9,807	4,172	2,710	860	688
Holding with land	30,281	24,131	9,549	774	3,312	43	6,495	989	9,162	110,114	67,359	44,433	6,882	6,022
Under 0.1 ha	1,462	688	731		172		473	43	731	7,484	4,215	3,183	301	344
0.1 ha and Under 0.2 ha	2,022	1,635	602	129	344		473	215	989	9,377	5,162	3,441	344	731
0.2 ha and Under 0.5 ha	8,560	6,194	2,796	215	1,204	43	1,979	559	2,237	31,099	18,410	11,700	2,452	1,290
0.5 ha and Under 1 ha	7,914	6,753	2,323	258	860		1,678	172	2,366	28,733	17,851	12,302	1,419	1,678
1 ha and Under 2 ha	6,495	5,033	2,065	129	516		1,376		1,419	23,485	13,334	9,420	1,893	1,419
2 ha and Under 3 ha	2,882	2,710	731	43	172		301		817	6,753	5,033	2,753	258	344
3 ha and Under 4 ha	731	903	258		43		172		516	2,366	2,323	1,161	172	172
4 ha and Under 5 ha	86	129					43		43	344	387	215	43	43
5 ha and Under 10 ha	129	86	43						43	387	602	215		
10 ha and over										86	43	43		
Total	31,701	24,905	10,323	860	3,828	86	6,968	1,204	10,280	119,921	71,531	47,143	7,742	6,710

## **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.