

National Sample Census of Agriculture

Nepal

2011/12

Banke

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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NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	Holdings				Fragmentation							
	Number	Area (ha)			Total no. of parcels	Average no. of parcels	Number of holdings consisting of parcels					
		Wet	Dry	Total			1	2-3	4-5	6-9	10 and over	
Holding without land	1,322	92.7	9.8	102.5	1,384	1.0	1,261	61				
Holding with land	60,111	38,964.9	5,052.8	44,017.6	177,658	3.0	14,113	29,148	10,885	5,012	953	
Under 0.1 ha	9,163	337.5	154.5	492.0	12,299	1.3	6,334	2,829				
0.1 ha and Under 0.2 ha	7,010	864.2	226.3	1,090.6	12,883	1.8	2,798	3,874	338			
0.2 ha and Under 0.5 ha	14,666	4,518.3	649.3	5,167.7	34,990	2.4	3,044	9,747	1,599	277		
0.5 ha and Under 1 ha	14,359	9,422.5	1,079.3	10,501.8	49,503	3.4	1,537	7,103	3,966	1,537	215	
1 ha and Under 2 ha	10,731	13,572.9	1,641.4	15,214.4	45,444	4.2	277	4,612	3,505	1,999	338	
2 ha and Under 3 ha	3,075	6,120.4	1,138.8	7,259.2	15,681	5.1	92	769	1,138	892	184	
3 ha and Under 4 ha	769	2,472.2	115.7	2,587.9	4,489	5.8		184	277	215	92	
4 ha and Under 5 ha	215	884.1	41.1	925.2	1,568	7.3		31	31	92	61	
5 ha and Under 10 ha	123	772.6	6.2	778.8	799	6.5	31		31		61	
10 ha and over												
Total	61,433	39,057.5	5,062.6	44,120.1	179,041	2.9	15,374	29,210	10,885	5,012	953	

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.

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	Holdings		Tenure forms									
			One tenure forms						More than one tenure forms			
	Owned		Rented from others		Other tenure forms		No. of holdings	Area (ha)				
	Number	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)		No. of holdings	Area (ha)	Owned	Rented	Other tenure
Holding without land	1,322	103	1,291	102			31	0				
Holding with land	60,111	44,018	45,414	26,320	338	310	92	11	14,267	6,849	10,331.8	196
Under 0.1 ha	9163	492.0	8,978	482.2	61	2.2	31	1.1	92	1.2	5.3	
0.1 ha and under 0.2 ha	7010	1090.6	6,795	1057.7			31	3.2	184	6.1	23.6	
0.2 ha and under 0.5 ha	14666	5167.7	12,606	4405.8	61	20.0	31	6.4	1,968	244.3	475.9	15.2
0.5 ha and under 1 ha	14359	10501.8	9,409	6826.1	92	75.1			4,858	1365.7	2177.5	57.5
1 ha and under 2 ha	10731	15214.4	5,596	7894.8	92	141.8			5,043	2839.6	4265.7	72.4
2 ha and under 3 ha	3075	7259.2	1,445	3349.3	31	71.1			1,599	1612.5	2193.1	33.2
3 ha and under 4 ha	769	2587.9	369	1264.5					400	478.3	841.7	3.4
4 ha and under 5 ha	215	925.2	154	652.3					61	112.7	146.0	14.2
5 ha and under 10 ha	123	778.8	61	387.6					61	188.2	203.0	
10 ha and over												
Total	61,433	44,120	46,705	26,422	338	310	123	11	14,267	6,849	10,331.8	196

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	Number of holdings	Under one tenure form - rented from others													
		Total		Rented for fixed amount of money		Rented for fixed quantity of		Rented for share of production		Rented in exchange for services		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	1,322														
Holding with land	60,111	338	310.3	61	2.2			277	302.3					31	5.8
Under 0.1 ha	9163	61	2.2	61	2.2										
0.1 ha and under 0.2 ha	7010														
0.2 ha and under 0.5 ha	14666	61	20.0					61	20.0						
0.5 ha and under 1 ha	14359	92	75.1					92	69.3					31	5.8
1 ha and under 2 ha	10731	92	141.8					92	141.8						
2 ha and under 3 ha	3075	31	71.1					31	71.1						
3 ha and under 4 ha	769														
4 ha and under 5 ha	215														
5 ha and under 10 ha	123														
10 ha and over															
Total	61,433	338	310.3	61	2.2			277	302.3					31	5.8

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	No. of holdings	Under more than one tenure forms --- rented from others													
		Total		Rented for fixed amount of money		Rented for fixed quantity of		Rented for share of production		Rented in exchange for		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	1,322														
Holding with land	60,111	13,806	10,331.8	738	159.2	461	299.1	12,729	9,802.9	61	9.5	123	39.7	154	21.5
Under 0.1 ha	9163	92	5.3					31	2.5	31	2.4			31	.4
0.1 ha and under 0.2 ha	7010	184	23.6	61	3.5			92	11.0			31	4.3	31	4.7
0.2 ha and under 0.5 ha	14666	1876	475.9	154	18.6	61	15.4	1691	434.8	31	7.1				
0.5 ha and under 1 ha	14359	4704	2177.5	338	48.3	61	34.4	4397	2056.9			92	35.4	31	2.4
1 ha and under 2 ha	10731	4858	4265.7	154	41.3	246	117.5	4581	4107.0						
2 ha and under 3 ha	3075	1599	2193.1	31	47.5	61	72.4	1476	2059.3					61	13.9
3 ha and under 4 ha	769	369	841.7					31	59.3	338	782.4				
4 ha and under 5 ha	215	61	146.0							61	146.0				
5 ha and under 10 ha	123	61	203.0							61	203.0				
10 ha and over															
Total	61,433	13,806	10,331.8	738	159.2	461	299.1	12,729	9,802.9	61	9.5	123	39.7	154	21.5

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	Total		Agricultural land							
	No. of holdings	Area (ha)	Crop land							
			Arable land							
			Land under temporary crops		Area under temporary meadows		Land under temporary 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	1,322	102.5	400	3.9			31	0.1	400	4.0
Holding with land	60,111	44,017.6	60,049	41,271.8	184	27.1	2,091	349.6	60,049	41,648.5
Under 0.1 ha	9163	492.0	9163	332.6	31	1.0	400	2.3	9163	336.0
0.1 ha and under 0.2 ha	7010	1090.6	6980	901.2			215	4.3	6980	905.5
0.2 ha and under 0.5 ha	14666	5167.7	14666	4722.8			277	24.4	14666	4747.2
0.5 ha and under 1 ha	14359	10501.8	14359	9872.5	123	6.2	400	43.6	14359	9922.3
1 ha and under 2 ha	10731	15214.4	10731	14520.0			338	118.5	10731	14638.5
2 ha and under 3 ha	3075	7259.2	3044	6875.3	31	19.8	338	116.5	3044	7011.6
3 ha and under 4 ha	769	2587.9	769	2475.2			92	35.8	769	2510.9
4 ha and under 5 ha	215	925.2	215	873.7			31	4.2	215	877.9
5 ha and under 10 ha	123	778.8	123	698.6					123	698.6
10 ha and over										
Total	61,433	44,120.1	60,449	41,275.6	184	27.1	2,122	349.7	60,449	41,652.4

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	Agricultural land				Forest and other Woodland		Ponds		All other land	
	Crop land		Permanent meadows and pasture							
	Land under permanent crops									
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land									1,322	98.5
Holding with land	4,305	299.3	246	34.7	1,045	60.9	738	31.8	58,881	1,942.4
Under 0.1 ha	184	.5	31	.1	31	1.0	31	.3	9040	154.1
0.1 ha and under 0.2 ha	307	9.0	31	.1	61	2.1	92	3.1	6949	170.9
0.2 ha and under 0.5 ha	646	15.3	61	.1	123	8.7	154	3.9	14482	392.5
0.5 ha and under 1 ha	1168	74.8	31	.1	430	25.8	215	9.7	13929	469.2
1 ha and under 2 ha	1199	93.8	31	10.4	246	18.1	215	14.2	10393	439.4
2 ha and under 3 ha	553	67.8	31	1.0	92	3.1	31	.5	3044	175.1
3 ha and under 4 ha	123	7.0	31	22.9	31	1.0			738	46.0
4 ha and under 5 ha	92	28.1			31	1.0			184	18.2
5 ha and under 10 ha	31	3.1							123	77.0
10 ha and over										
Total	4,305	299.3	246	34.7	1,045	60.9	738	31.8	60,203	2,041.0

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	Total		Source of irrigation															
	No. of holdings	Area (ha)	No. of holdings reporting	Area (ha)	River/lake/pond				Dam/reservoir		Tube well/boring		Others		Mixed			
					By gravity		Pumping		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	1,322	102.5	277	3.4							277	3.4						
Holding with land	60,111	44,017.6	40,371	22,401.5	3,997	2,012.8	9,532	4,757.2	1,015	361.1	28,164	14,239.3	2,368	832.0	277	199.2		
Under 0.1 ha	9,163	492.0	6,211	222.6	400	19.6	769	27.7	123	2.8	4,366	154.8	584	17.7				
0.1 ha and under 0.2 ha	7,010	1,090.6	4,120	521.7	307	39.3	1,045	129.2	154	18.9	2,675	317.4	154	11.0	31	5.8		
0.2 ha and under 0.5 ha	14,666	5,167.7	8,886	2,500.5	953	202.1	2,306	635.8	123	38.5	5,811	1,532.3	492	83.8	31	8.0		
0.5 ha and under 1 ha	14,359	10,501.8	10,669	5,834.8	892	549.3	2,552	1,212.4	277	52.1	7,687	3,851.3	523	123.4	123	46.3		
1 ha and under 2 ha	10,731	15,214.4	7,318	7,106.6	1,076	735.7	1,783	1,509.2	215	109.5	5,227	4,338.4	430	328.0	61	85.8		
2 ha and under 3 ha	3,075	7,259.2	2,245	3,802.6	277	356.0	830	923.8	61	31.3	1,660	2,338.2	123	100.1	31	53.3		
3 ha and under 4 ha	769	2,587.9	615	1,513.7	61	75.2	154	269.7	61	108.0	430	1,060.8						
4 ha and under 5 ha	215	925.2	215	633.8	31	35.6	61	22.6			215	554.3	31	21.4				
5 ha and under 10 ha	123	778.8	92	265.3			31	26.9			92	91.8	31	146.6				
10 ha and over																		
Total	61,433	44,120.1	40,648	22,404.9	3,997	2,012.8	9,532	4,757.2	1,015	361.1	28,441	14,242.6	2,368	832.0	277	199.2		

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

Total area of holding	Total		Payment terms for Irrigation									
	No. of holdings	Area (ha)	No. of holdings reporting	Area (ha)	Did not pay for water		Paid for water					
							On area basis		On time basis		Other	
					No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	1,322	102.5	277	3.4	61	0.6			154	2.2	61	0.5
Holding with land	60,111	44,017.6	40,371	22,401.5	10,208	4,219.5	1,261	823.3	28,841	15,672.9	3,720	1,685.8
Under 0.1 ha	9,163	492.0	6,211	222.6	1,753	55.6	61	2.4	3,690	144.1	707	20.5
0.1 ha and under 0.2 ha	7,010	1,090.6	4,120	521.7	922	104.8	92	11.5	2,890	374.4	307	31.0
0.2 ha and under 0.5 ha	14,666	5,167.7	8,886	2,500.5	2,337	482.3	123	43.8	6,426	1,836.6	646	137.8
0.5 ha and under 1 ha	14,359	10,501.8	10,669	5,834.8	2,460	1,037.9	430	129.6	8,025	4,218.9	1,015	448.4
1 ha and under 2 ha	10,731	15,214.4	7,318	7,106.6	1,814	1,168.7	430	318.3	5,504	5,040.0	738	579.7
2 ha and under 3 ha	3,075	7,259.2	2,245	3,802.6	523	527.9	92	171.1	1,783	2,798.3	246	305.4
3 ha and under 4 ha	769	2,587.9	615	1,513.7	246	436.9			369	1,017.4	31	59.3
4 ha and under 5 ha	215	925.2	215	633.8	92	340.9			92	189.2	31	103.7
5 ha and under 10 ha	123	778.8	92	265.3	61	64.5	31	146.6	61	54.2		
10 ha and over												
Total	61,433	44,120.1	40,648	22,404.9	10,270	4,220.1	1,261	823.3	28,995	15,675.2	3,782	1,686.3

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

Total area of holding	Total		Crops under pure stand				Crops under mixed stand				Associated crops	
	No. of holdings	Area (ha)	Temporary		Permanent		Temporary		Permanent			
			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	400	8.1	400	8.1								
Holding with land	60,111	74,200.5	59,926	68,702.1	3,720	250.8	14,943	5,199.1	584	48.6		
Under 0.1 ha	9,163	625.0	9,101	602.8	184	0.5	707	21.7				
0.1 ha and under 0.2 ha	7,010	1,745.6	6,918	1,629.5	277	6.9	1,230	107.0	31	2.1		
0.2 ha and under 0.5 ha	14,666	8,909.3	14,666	8,134.6	553	13.5	3,536	759.5	92	1.7		
0.5 ha and under 1 ha	14,359	18,407.3	14,359	16,759.7	1,076	69.6	4,735	1,572.9	92	5.2		
1 ha and under 2 ha	10,731	25,709.4	10,731	23,777.2	953	77.6	3,505	1,838.4	246	16.1		
2 ha and under 3 ha	3,075	12,142.5	3,044	11,548.2	461	45.4	830	526.5	92	22.4		
3 ha and under 4 ha	769	4,418.6	769	4,142.3	123	7.0	277	269.2				
4 ha and under 5 ha	215	1,632.0	215	1,505.3	61	27.1	92	98.5	31	1.0		
5 ha and under 10 ha	123	610.8	123	602.4	31	3.1	31	5.3				
10 ha and over												
Total	60,511	74,208.7	60,326	68,710.2	3,720	250.8	14,943	5,199.1	584	48.6		

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

Total area of holding	Cereal grains		Leguminous grains		Tubers and bulb crops		Oil seeds		Cash crops		Spices		Vegetables		Temporary grass crops	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	123	1.1			123	0.6					369	2.3	338	4.1		
Holding with land	55,960	53,891.4	39,141	13,308.9	27,304	941.2	22,845	4,003.2	769	39.4	28,995	693.1	28,656	962.7	1,291	61.2
Under 0.1 ha	5,719	258.0	2,614	63.5	4,581	66.3	769	17.0	92	0.2	6,211	68.0	6,672	150.3	31	1.2
0.1 ha and Under 0.2 ha	6,426	1,132.6	3,351	273.5	3,228	82.7	1,537	79.8	31	0.1	3,044	60.0	3,136	107.2	61	0.7
0.2 ha and under 0.5 ha	14,605	6,321.7	9,624	1,586.8	6,088	217.0	4,858	453.8	123	1.2	6,641	154.7	5,996	149.1	215	9.8
0.5 ha and under 1 ha	14,328	13,518.0	10,946	3,218.8	6,119	191.6	7,133	1,010.0	215	6.5	6,303	150.1	6,180	222.4	430	15.1
1 ha and under 2 ha	10,731	18,852.0	9,009	4,669.9	4,950	229.0	5,996	1,445.3	215	21.8	4,704	170.8	4,428	208.2	307	18.7
2 ha and under 3 ha	3,044	8,673.2	2,737	2,379.1	1,660	93.7	1,968	760.3	61	9.5	1,507	57.2	1,691	88.3	215	13.4
3 ha and under 4 ha	769	3,395.8	553	766.0	400	42.5	338	156.7	31	0.2	338	26.0	338	24.3		
4 ha and under 5 ha	215	1,234.1	215	279.5	184	13.6	215	61.3			184	5.0	123	8.0	31	2.4
5 ha and under 10 ha	123	505.9	92	71.8	92	4.7	31	19.0			61	1.4	92	4.9		
10 ha and over																
Total	56,083	53,892.5	39,141	13,308.9	27,427	941.8	22,845	4,003.2	769	39.4	29,364	695.4	28,995	966.8	1,291	61.2

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

Total area of holding	Early paddy		Main paddy		Upland paddy		Wheat		Maize		Millets		Barley/naked barley		Buckwheat		Other cereals	
	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									123	1.1								
Holding with land	369	107.6	50,671	32,783.1	553	161.3	36,220	16,202.6	23,491	4,608.7	92	8.4	92	9.5	61	0.8	123	9.5
Under 0.1 ha			3,198	137.4			1,015	43.1	3,105	77.0					31	0.5		
0.1 ha and Under 0.2 ha	31	4.7	5,350	633.8	31	2.4	3,290	331.7	2,491	157.6	61	2.4						
0.2 ha and under 0.5 ha	61	14.2	13,621	3,776.1	31	2.4	9,101	1,908.7	5,196	620.3								
0.5 ha and under 1 ha	123	24.2	14,051	8,293.8	277	48.5	10,946	4,150.1	5,873	988.0			61	7.1	31	0.3	61	5.9
1 ha and under 2 ha	61	38.3	10,362	11,424.0	154	90.2	8,578	5,685.1	4,889	1,612.0			31	2.4				
2 ha and under 3 ha	31	17.8	2,982	5,467.4	31	11.9	2,337	2,412.7	1,414	759.8							61	3.6
3 ha and under 4 ha			769	2,085.9			646	1,125.6	338	178.3	31	5.9						
4 ha and under 5 ha	31	1.2	215	590.0	31	5.9	215	440.4	123	196.6								
5 ha and under 10 ha	31	7.1	123	374.6			92	105.2	61	19.0								
10 ha and over																		
Total	369	107.6	50,671	32,783.1	553	161.3	36,220	16,202.6	23,614	4,609.8	92	8.4	92	9.5	61	0.8	123	9.5

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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	Soyabean		Black gram		Red gram		Grass pea		Lentil		Gram pea		Pea		Green gram		Horse gram		Cow pea		Other leguminous crops	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holding	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holding	Area (ha)	No. of holding	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land																						
Holding with land	31	0.1	1,168	102.1	6,641	1,124.9	123	16.0	32,930	9,410.1	8,271	1,254.7	10,024	1,101.7	215	33.1			1,015	60.3	1,261	205.8
Under 0.1 ha			31	1.5	123	1.5			1,353	44.3	184	2.6	892	8.0					307	4.5	123	1.1
0.1 ha and Under 0.2 ha					184	8.3			2,890	212.0	523	26.1	799	20.8					123	5.4	31	0.9
0.2 ha and under 0.5 ha			154	12.2	799	63.7			8,455	1,171.1	2,183	160.4	2,060	132.3					307	30.9	184	16.1
0.5 ha and under 1 ha	31	0.1	369	19.6	2,306	237.4	61	8.3	9,193	2,208.0	2,460	331.4	2,952	335.2	92	5.9			154	13.9	277	59.1
1 ha and under 2 ha			430	31.5	2,245	477.1	61	7.7	7,841	3,262.1	1,999	392.4	2,337	392.9	61	18.5			123	5.6	461	82.1
2 ha and under 3 ha			123	30.3	769	271.5			2,368	1,650.9	676	246.9	646	125.5	31	7.5					184	46.6
3 ha and under 4 ha			31	2.4	123	45.1			553	575.2	184	89.0	184	54.4								
4 ha and under 5 ha			31	4.7	92	20.2			184	220.2	61	5.9	92	27.3	31	1.2						
5 ha and under 10 ha									92	66.5			61	5.3								
10 ha and over																						
Total	31	0.1	1,168	102.1	6,641	1,124.9	123	16.0	32,930	9,410.1	8,271	1,254.7	10,024	1,101.7	215	33.1			1,015	60.3	1,261	205.8

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

Total area of holding	Potato		Sweet potato		Colocasia		Other tubers and bulbs	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	123	0.6						
Holding with land	26,812	888.5	277	23.1	799	28.3	92	1.3
Under 0.1 ha	4,489	64.2	92	1.2	92	0.9		
0.1 ha and Under 0.2 ha	3,044	80.8			215	1.8	31	0.1
0.2 ha and under 0.5 ha	5,965	203.4	31	8.3	154	5.2	31	0.1
0.5 ha and under 1 ha	6,088	187.4	61	1.8	154	1.2	31	1.2
1 ha and under 2 ha	4,889	206.3	61	5.9	154	16.7		
2 ha and under 3 ha	1,660	91.3			31	2.4		
3 ha and under 4 ha	400	36.6	31	5.9				
4 ha and under 5 ha	184	13.6						
5 ha and under 10 ha	92	4.7						
10 ha and over								
Total	26,935	889.1	277	23.1	799	28.3	92	1.3

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

Total area of holding	Mustard		Ground nut		Linseed		Sesame		Niger seed		Other oilseed crops	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land												
Holding with land	19,555	3,024.0	1,845	221.8	3,167	553.1	2,214	159.8			307	44.5
Under 0.1 ha	584	15.0	92	0.5	31	0.3	31	0.1			31	1.2
0.1 ha and Under 0.2 ha	1,384	73.8	61	3.7	92	1.9					31	0.3
0.2 ha and under 0.5 ha	4,182	373.9	154	18.8	523	46.3	338	13.6			31	1.2
0.5 ha and under 1 ha	6,026	737.9	769	68.1	984	130.4	922	53.8			61	19.9
1 ha and under 2 ha	5,043	1,080.5	584	79.6	1,107	208.7	646	56.9			123	19.6
2 ha and under 3 ha	1,783	533.8	123	34.4	369	162.6	215	27.1			31	2.4
3 ha and under 4 ha	307	135.9	31	14.2	31	1.8	31	4.7				
4 ha and under 5 ha	215	55.4	31	2.4			31	3.6				
5 ha and under 10 ha	31	17.8			31	1.2						
10 ha and over												
Total	19,555	3,024.0	1,845	221.8	3,167	553.1	2,214	159.8			307	44.5

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

Total area of holding	Sugarcane		Jute		Tobacco		Other cash crops	
	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	338	1.8	154	8.7			277	28.9
Under 0.1 ha	92	0.2						
0.1 ha and Under 0.2 ha			31	0.1				
0.2 ha and under 0.5 ha	92	1.0					31	0.2
0.5 ha and under 1 ha	123	0.5	61	5.0			31	0.9
1 ha and under 2 ha	31	0.1	61	3.6			123	18.2
2 ha and under 3 ha							61	9.5
3 ha and under 4 ha							31	0.2
4 ha and under 5 ha								
5 ha and under 10 ha								
10 ha and over								
Total	338	1.8	154	8.7			277	28.9

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

Total area of holding	Chili		Onion		Garlic		Ginger		Turmeric		Coriander seed		Other spice crops	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land			154	0.8	277	1.1					184	0.4		
Holding with land	4,704	42.0	18,356	307.1	23,183	203.7	184	16.9	1,568	22.8	10,639	99.5	307	1.1
Under 0.1 ha	1,230	5.0	4,458	29.5	5,043	24.5			123	0.4	2,429	8.3	92	0.4
0.1 ha and Under 0.2 ha	369	1.8	2,337	34.7	2,429	17.1			123	1.0	1,045	5.5		
0.2 ha and under 0.5 ha	799	4.8	4,028	70.1	5,504	43.6	92	14.2	215	2.0	2,460	19.8	31	0.1
0.5 ha and under 1 ha	953	8.1	3,720	61.8	5,104	51.5	61	2.5	369	5.2	2,368	20.6	92	0.4
1 ha and under 2 ha	953	17.4	2,552	72.9	3,474	40.7	31	0.2	523	9.3	1,630	30.1	92	0.2
2 ha and under 3 ha	277	3.6	953	25.6	1,291	15.7			184	3.7	553	8.5		
3 ha and under 4 ha	92	0.8	215	10.8	215	8.2					92	6.1		
4 ha and under 5 ha	31	0.5	61	1.5	123	2.4					61	0.6		
5 ha and under 10 ha			31	0.2					31	1.2				
10 ha and over														
Total	4,704	42.0	18,510	308.0	23,460	204.8	184	16.9	1,568	22.8	10,823	99.8	307	1.1

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

Total area of holding	Cauliflower		Cabbage		Tomato		Others	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	154	0.6	92	0.2	215	0.8	246	2.4
Holding with land	15,189	225.9	7,441	110.0	7,748	130.9	21,462	496.0
Under 0.1 ha	3,997	31.6	2,183	16.3	1,968	11.9	5,996	90.5
0.1 ha and Under 0.2 ha	1,568	26.8	738	12.5	953	17.2	2,368	50.7
0.2 ha and under 0.5 ha	3,044	36.8	1,261	23.1	1,568	28.7	4,305	60.6
0.5 ha and under 1 ha	2,952	62.4	1,414	31.5	1,814	24.7	4,243	103.9
1 ha and under 2 ha	2,275	31.0	1,291	19.8	1,138	40.9	3,136	116.5
2 ha and under 3 ha	922	20.3	400	3.7	215	2.8	1,076	61.4
3 ha and under 4 ha	277	14.8	61	1.7			184	7.8
4 ha and under 5 ha	92	1.8	61	1.2	61	1.2	92	3.8
5 ha and under 10 ha	61	0.5	31	0.2	31	3.6	61	0.7
10 ha and over								
Total	15,343	226.5	7,533	110.2	7,964	131.7	21,708	498.4

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

Total area of holding	Total		Permanent crops									
	No. of holdings	Area (ha)	No. of holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
					Productive age			Non-productive age			Productive age	Non-productive age
					No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land	1,322	102.5	215								646	830
Holding with land	60,111	44,017.6	19,279	299.3	6,918	225.3	53,100	1,537	74.1	16,511	74,070	34,929
under 0.1 ha	9,163	492.0	3,321	0.5	154	0.4	1,076	61	0.2	215	12,176	5,934
0.1 ha and under 0.2 ha	7,010	1,090.6	1,968	9.0	369	8.3	3,321	184	0.7	769	6,426	3,444
0.2 ha and under 0.5 ha	14,666	5,167.7	3,567	15.3	1,015	12.9	5,073	369	2.4	6,180	14,974	7,779
0.5 ha and under 1 ha	14,359	10,501.8	4,797	74.8	1,814	66.8	14,851	246	8.0	3,075	21,708	10,270
1 ha and under 2 ha	10,731	15,214.4	3,997	93.8	2,183	52.2	10,700	553	41.6	3,474	13,006	5,166
2 ha and under 3 ha	3,075	7,259.2	1,168	67.8	984	65.3	15,681	92	2.5	953	3,567	1,691
3 ha and under 4 ha	769	2,587.9	246	7.0	123	7.0	1,138				461	123
4 ha and under 5 ha	215	925.2	184	28.1	246	9.4	1,138	31	18.7	1,845	1,599	123
5 ha and under 10 ha	123	778.8	31	3.1	31	3.1	123				154	400
10 ha and over												
Total	61,433	44,120.1	19,494	299.3	6,918	225.3	53,100	1,537	74.1	16,511	74,716	35,759

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

Total area of holding	Orange									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
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 7b. Plantation features and ages of junar by total area of holding

Total area of holding	Junar									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
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 7c. Plantation features and ages of lemon by total area of holding

Total area of holding	Lemon									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	2,122	12.0	215	12.0	676			2,460	400	
under 0.1 ha	307							369	31	
0.1 ha and under 0.2 ha	215							307	31	
0.2 ha and under 0.5 ha	738	0.6	92	0.6	307			738	154	
0.5 ha and under 1 ha	400							461	123	
1 ha and under 2 ha	369	0.2	61	0.2	61			553	61	
2 ha and under 3 ha	31	10.4	31	10.4	154					
3 ha and under 4 ha										
4 ha and under 5 ha	61	0.8	31	0.8	154			31		
5 ha and under 10 ha										
10 ha and over										
Total	2,122	12.0	215	12.0	676			2,460	400	

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

Total area of holding	Lime									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land	61								61	31
Holding with land	1,999	11.1	461	11.1	892				1,845	769
under 0.1 ha	184								184	31
0.1 ha and under 0.2 ha	31								31	
0.2 ha and under 0.5 ha	307	0.1	31	0.1	61				430	61
0.5 ha and under 1 ha	676	0.9	92	0.9	184				830	523
1 ha and under 2 ha	492	8.6	215	8.6	461				215	92
2 ha and under 3 ha	184	1.2	92	1.2	154				92	31
3 ha and under 4 ha	31								31	
4 ha and under 5 ha	61	0.3	31	0.3	31				31	
5 ha and under 10 ha	31									31
10 ha and over										
Total	2,060	11.1	461	11.1	892				1,906	799

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

Total area of holding	Sweet orange									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
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 7f. Plantation features and ages of other citrus fruits by total area of holding

Total area of holding	Other citrus fruits									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	707	0.3	31	0.3	31				707	369
under 0.1 ha	246								184	154
0.1 ha and under 0.2 ha	31								61	
0.2 ha and under 0.5 ha	154								154	31
0.5 ha and under 1 ha	154	0.3	31	0.3	31				92	184
1 ha and under 2 ha	61								61	
2 ha and under 3 ha	31								61	
3 ha and under 4 ha	31								92	
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	707	0.3	31	0.3	31				707	369

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

Total area of holding	Mango									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land	61								92	92
Holding with land	12,975	195.2	3,228	157.3	27,242	738	37.9	8,763	22,784	8,671
under 0.1 ha	1,507	0.1				31	0.1	61	1,660	1,168
0.1 ha and under 0.2 ha	1,261	7.1	154	7.0	1,322	31	0.1	31	1,845	523
0.2 ha and under 0.5 ha	2,152	9.4	369	8.7	1,691	123	0.7	584	3,751	1,230
0.5 ha and under 1 ha	3,444	64.2	1,076	59.3	10,731	184	4.8	2,829	7,379	2,859
1 ha and under 2 ha	3,228	43.3	892	32.1	6,795	277	11.2	2,921	5,719	1,722
2 ha and under 3 ha	922	35.5	492	33.3	4,735	61	2.2	492	1,015	738
3 ha and under 4 ha	246	7.0	123	7.0	1,138				154	123
4 ha and under 5 ha	184	25.5	92	6.8	707	31	18.7	1,845	1,261	123
5 ha and under 10 ha	31	3.1	31	3.1	123					184
10 ha and over										
Total	13,037	195.2	3,228	157.3	27,242	738	37.9	8,763	22,876	8,763

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

Total area of holding	Banana									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land	123								154	646
Holding with land	4,274	4.7	492	4.0	4,489	154	0.7	1,015	13,191	12,914
under 0.1 ha	1,168	0.3	92	0.3	892				2,921	2,552
0.1 ha and under 0.2 ha	646	0.6	61	0.2	338	92	0.4	400	1,476	2,398
0.2 ha and under 0.5 ha	799	0.4	61	0.1	92	61	0.3	615	3,167	4,735
0.5 ha and under 1 ha	707	1.1	92	1.1	2,060				2,521	2,183
1 ha and under 2 ha	676	1.8	154	1.8	953				2,368	830
2 ha and under 3 ha	215	0.5	31	0.5	154				461	215
3 ha and under 4 ha										
4 ha and under 5 ha	31								154	
5 ha and under 10 ha	31								123	
10 ha and over										
Total	4,397	4.7	492	4.0	4,489	154	0.7	1,015	13,344	13,560

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

Total area of holding	Guava									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land	31								61	
Holding with land	7,871	7.4	830	6.2	2,460	61	1.1	92	9,778	2,644
under 0.1 ha	1,568	0.1	31	0.1	31				1,814	676
0.1 ha and under 0.2 ha	769	0.7	61	0.6	338	31	0.1	31	922	277
0.2 ha and under 0.5 ha	1,691	0.4	123	0.4	430				2,460	430
0.5 ha and under 1 ha	2,029	2.6	246	2.6	799				2,614	861
1 ha and under 2 ha	1,414	2.8	246	1.8	646	31	1.0	61	1,599	338
2 ha and under 3 ha	338	0.6	92	0.6	154				307	61
3 ha and under 4 ha	31								61	
4 ha and under 5 ha	31	0.3	31	0.3	61					
5 ha and under 10 ha										
10 ha and over										
Total	7,902	7.4	830	6.2	2,460	61	1.1	92	9,839	2,644

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

Total area of holding	Jackfruit									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	3,382	15.3	523	12.5	2,060	92	2.7	338	4,089	1,999
under 0.1 ha	338								215	338
0.1 ha and under 0.2 ha	184								246	31
0.2 ha and under 0.5 ha	615	0.5	92	0.4	123	31	0.1	92	553	154
0.5 ha and under 1 ha	984	2.7	61	0.6	799	31	2.1	92	1,660	953
1 ha and under 2 ha	922	4.5	246	4.0	646	31	0.5	154	769	338
2 ha and under 3 ha	184	6.5	92	6.5	369				492	154
3 ha and under 4 ha	31								31	
4 ha and under 5 ha	92	1.0	31	1.0	123				123	
5 ha and under 10 ha	31									31
10 ha and over										
Total	3,382	15.3	523	12.5	2,060	92	2.7	338	4,089	1,999

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

Total area of holding	Pineapple					
	Total holdings reporting	Compact plantation area (ha)	Compact plantation			
			Productive age		Non-productive 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						

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

Total area of holding	Lychee									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	861	1.1	61	0.8	92	61	0.3	123	646	215
under 0.1 ha	369								338	92
0.1 ha and under 0.2 ha	92								61	31
0.2 ha and under 0.5 ha	154	0.3				61	0.3	123	92	31
0.5 ha and under 1 ha	92								61	31
1 ha and under 2 ha	123	0.5	31	0.5	31				92	31
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha	31	0.3	31	0.3	61					
5 ha and under 10 ha										
10 ha and over										
Total	861	1.1	61	0.8	92	61	0.3	123	646	215

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

Total area of holding	Apple									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
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 7n. Plantation features and ages of pear by total area of holding

Total area of holding	Pear									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
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 7o. Plantation features and ages of peach by total area of holding

Total area of holding	Peach									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	430	0.6	61	0.6	92			369	61	
under 0.1 ha	31							31		
0.1 ha and under 0.2 ha	61							61		
0.2 ha and under 0.5 ha	123							123	61	
0.5 ha and under 1 ha	123							123		
1 ha and under 2 ha	92	0.6	61	0.6	92			31		
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	430	0.6	61	0.6	92			369	61	

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

Total area of holding	Papaya									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land	123								246	61
Holding with land	3,966	2.8	246	2.7	584	31	0.1	154	6,365	1,599
under 0.1 ha	1,107	0.2	31	0.1	154	31	0.1	154	1,722	369
0.1 ha and under 0.2 ha	523								738	92
0.2 ha and under 0.5 ha	769	1.7	92	1.7	215				1,230	553
0.5 ha and under 1 ha	769	0.5	31	0.5	31				1,537	307
1 ha and under 2 ha	553	0.4	61	0.4	154				769	123
2 ha and under 3 ha	246	0.1	31	0.1	31				369	154
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	4,089	2.8	246	2.7	584	31	0.1	154	6,611	1,660

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

Total area of holding	Pomegranate									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	1,076	1.4	184	1.4	922				953	277
under 0.1 ha	277								430	61
0.1 ha and under 0.2 ha	92	0.2	31	0.2	615				61	
0.2 ha and under 0.5 ha	307	0.2	61	0.2	92				184	123
0.5 ha and under 1 ha	215	0.5	61	0.5	61				154	61
1 ha and under 2 ha	154	0.5	31	0.5	154				92	31
2 ha and under 3 ha	31								31	
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	1,076	1.4	184	1.4	922				953	277

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

Total area of holding	Coconut									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
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 7s. Plantation features and ages of walnut by total area of holding

Total area of holding	Walnut									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
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 7t. Plantation features and ages of beetle nut by total area of holding

Total area of holding	Betel Nut									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	61							31	31	
under 0.1 ha	61							31	31	
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	61							31	31	

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

Total area of holding	Other fruits									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land	31								31	
Holding with land	2,614	2.8	307	2.8	1,076				3,966	2,214
under 0.1 ha	523								615	154
0.1 ha and under 0.2 ha	154	0.1	31	0.1	615				215	
0.2 ha and under 0.5 ha	430	0.2	31	0.2	154				553	92
0.5 ha and under 1 ha	676	1.0	123	1.0	154				1,537	1,199
1 ha and under 2 ha	553	0.3	61	0.3	61				553	707
2 ha and under 3 ha	215	1.2	61	1.2	92				430	61
3 ha and under 4 ha	31								31	
4 ha and under 5 ha										
5 ha and under 10 ha	31								31	
10 ha and over										
Total	2,644	2.8	307	2.8	1,076				3,997	2,214

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

Total area of holding	Tea					
	Total holdings reporting	Compact plantation area (ha)	Compact plantation			
			Productive age		Non-productive 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.

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

Total area of holding	Coffee									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
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 7x. Plantation features and ages of black cardamom by total area of holding

Total area of holding	Black Cardamom					
	Total holdings reporting	Compact plantation area (ha)	Compact plantation area (ha)			
			Productive age		Non-productive 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						

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

Total area of holding	Broom-Grass (Amriso)		Thatch		Bamboo	
	Number of holdings	Area (ha)	Number of holdings	Area (ha)	Number of holdings	Area (ha)
Holding without land						
Holding with land			123	26.3	277	4.9
Under 0.1 ha						
0.1 ha and under 0.2 ha					31	0.1
0.2 ha and under 0.5 ha			31	0.3	61	0.7
0.5 ha and under 1 ha					31	1.0
1 ha and under 2 ha			92	26.0	123	2.8
2 ha and under 3 ha					31	0.3
3 ha and under 4 ha						
4 ha and under 5 ha						
5 ha and under 10 ha						
10 ha and over						
Total			123	26.3	277	4.9

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

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

Total area of holding	Fodder Tree			Multi-year grass crops		
	Number of holdings	Compact plantation		Number of scattered trees	Number of holdings	Area (ha)
		Area (ha)	Number of Trees			
Holding without land						
Holding with land	1,353	11.9	11,192	6,488	92	1.8
Under 0.1 ha	430			1,630		
0.1 ha and under 0.2 ha	184	0.3	92	400		
0.2 ha and under 0.5 ha	246	0.1	1,537	1,414	31	0.5
0.5 ha and under 1 ha	277			2,552		
1 ha and under 2 ha	154	1.1	338	184	31	0.3
2 ha and under 3 ha	61	10.4	9,224	307	31	1.0
3 ha and under 4 ha						
4 ha and under 5 ha						
5 ha and under 10 ha						
10 ha and over						
Total	1,353	11.9	11,192	6,488	92	1.8

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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

Total area of holding	Total		Paddy												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with mineral/ chemical fertilizers and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using			Area (ha)	Quantity (Qtl.)
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both		
Holding without land															
Holding with land	61,433	44,120.1	50,825	30,009	9,040	11,776	10,639	6,211	14,236	13,191	7,656	10,854	12,084	24,856.0	38,692
under 0.1 ha	10,362	511.2	3,198	2,060	615	523	369	922	400	307	1,261	676	430	86.3	457
0.1 ha and under 0.2 ha	7,010	1,090.6	5,381	2,706	984	1,691	953	830	1,384	1,138	1,230	892	769	471.2	1,039
0.2 ha and under 0.5 ha	14,666	5,167.7	13,652	8,056	2,152	3,444	2,798	1,261	3,474	3,444	2,029	2,921	3,105	2,801.6	6,369
0.5 ha and under 1 ha	14,482	10,585.1	14,113	8,333	2,767	3,013	3,228	1,753	4,428	4,212	1,722	2,583	3,444	7,089.9	10,116
1 ha and under 2 ha	10,731	15,214.4	10,393	6,242	1,876	2,275	2,429	1,261	2,952	2,798	1,168	2,491	3,136	8,119.0	12,409
2 ha and under 3 ha	3,075	7,259.2	2,982	1,876	492	615	615	123	1,076	953	215	892	830	4,090.1	4,906
3 ha and under 4 ha	769	2,587.9	769	523	123	123	184		338	277		307	215	1,609.5	2,720
4 ha and under 5 ha	215	925.2	215	123	31	61	31	31	154	31	31	92	92	429.5	212
5 ha and under 10 ha	123	778.8	123	92		31	31	31	31	31			61	158.9	464
10 ha and over															
Total	61,433	44,120.1	50,825	30,009	9,040	11,776	10,639	6,211	14,236	13,191	7,656	10,854	12,084	24,856.0	38,692

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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)

Total area of holding	Total		Maize													
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with mineral/ chemical fertilizer and quantity used		
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using					
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both	Area (ha)	Quantity (Qtl.)	
Holding without land			123	123				31				123				
Holding with land	61,433	44,120.1	23,491	19,770	2,675	1,045	2,521	9,070	1,906	2,368	13,775	1,261	2,214	935.5	2,450	
under 0.1 ha	10,362	511.2	3,105	2,398	400	307	369	1,722	154	246	2,245	154		13.3	43	
0.1 ha and under 0.2 ha	7,010	1,090.6	2,491	2,122	307	61	184	615	154	184	1,906	61	123	20.3	30	
0.2 ha and under 0.5 ha	14,666	5,167.7	5,196	4,581	430	184	676	1,814	430	523	3,105	307	400	119.2	748	
0.5 ha and under 1 ha	14,482	10,585.1	5,873	4,889	738	246	492	2,337	553	676	2,982	461	738	214.8	366	
1 ha and under 2 ha	10,731	15,214.4	4,889	4,151	584	154	553	1,937	277	584	2,583	154	646	317.1	372	
2 ha and under 3 ha	3,075	7,259.2	1,414	1,199	154	61	215	400	277	123	676	61	277	164.5	826	
3 ha and under 4 ha	769	2,587.9	338	307		31	31	154	61		154	61	31	83.3	61	
4 ha and under 5 ha	215	925.2	123	61	61			92			92					
5 ha and under 10 ha	123	778.8	61	61						31	31			3.1	4	
10 ha and over																
Total	61,433	44,120.1	23,614	19,893	2,675	1,045	2,521	9,101	1,906	2,368	13,898	1,261	2,214	935.5	2,450	

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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)

Total area of holding	Total		Wheat												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area Treated with mineral/ chemical fertilizer and quantity used	
				No. of holdings using				No. of holdings using	No. of holdings using			No. of holdings using			
				Local seeds	Improved seeds	Hybrid seeds	Local fertilizers		Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both	Area (ha)	Quantity (Qtl.)
Holding without land															
Holding with land	61,433	44,120.1	36,220	26,289	9,931	4,920	4,950	12,330	8,333	6,088	5,473	6,857	12,415.1	19,312	
under 0.1 ha	10,362	511.2	1,015	553	461	123	123	215	92	369	92	154	22.1	87	
0.1 ha and under 0.2 ha	7,010	1,090.6	3,290	2,183	1,107	246	553	830	738	892	338	430	204.5	482	
0.2 ha and under 0.5 ha	14,666	5,167.7	9,101	6,365	2,737	1,230	984	2,644	2,398	1,630	1,384	1,507	1,586.8	2,217	
0.5 ha and under 1 ha	14,482	10,585.1	10,946	7,933	3,013	1,753	1,906	4,059	2,521	1,507	1,507	2,060	3,116.4	5,107	
1 ha and under 2 ha	10,731	15,214.4	8,578	6,734	1,845	1,045	1,076	2,952	1,876	1,261	1,445	1,968	4,251.4	6,754	
2 ha and under 3 ha	3,075	7,259.2	2,337	1,906	430	307	215	1,015	615	369	400	492	1,804.1	3,301	
3 ha and under 4 ha	769	2,587.9	646	338	307	184	61	369	92	31	184	184	981.3	903	
4 ha and under 5 ha	215	925.2	215	184	31	31	31	184		31	92	31	359.2	304	
5 ha and under 10 ha	123	778.8	92	92				61			31	31	89.1	156	
10 ha and over															
Total	61,433	44,120.1	36,220	26,289	9,931	4,920	4,950	12,330	8,333	6,088	5,473	6,857	12,415.1	19,312	

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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)

Total area of holding	Total		Potato												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with mineral/ chemical fertilizer and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using			Area (ha)	Quantity (Qtl.)
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical fertilizers	Both	Local fertilizers	Mineral/chemical fertilizers	Both		
Holding without land			123	61	61			31			92	31		0.1	0
Holding with land	61,433	44,120.1	26,812	18,571	6,672	1,568	5,842	9,532	3,905	4,274	11,868	2,029	2,460	468.1	1,607
under 0.1 ha	10,362	511.2	4,489	3,075	953	461	1,138	1,876	738	523	2,368	338	154	35.7	81
0.1 ha and under 0.2 ha	7,010	1,090.6	3,044	1,691	1,045	307	707	830	369	553	1,261	184	338	44.9	64
0.2 ha and under 0.5 ha	14,666	5,167.7	5,965	3,843	1,814	307	1,322	1,876	646	984	2,767	553	523	85.1	205
0.5 ha and under 1 ha	14,482	10,585.1	6,088	4,274	1,660	154	1,045	2,183	953	1,076	2,275	400	738	108.5	214
1 ha and under 2 ha	10,731	15,214.4	4,889	3,874	769	246	1,107	1,753	799	769	2,122	430	430	128.7	303
2 ha and under 3 ha	3,075	7,259.2	1,660	1,291	307	61	307	769	215	277	830	61	184	35.4	78
3 ha and under 4 ha	769	2,587.9	400	338	31	31	154	184	31	61	215	61	31	17.7	30
4 ha and under 5 ha	215	925.2	184	123	61		31	31	154				61	11.5	626
5 ha and under 10 ha	123	778.8	92	61	31		31	31		31	31			0.5	6
10 ha and over															
Total	61,433	44,120.1	26,935	18,633	6,734	1,568	5,842	9,562	3,905	4,274	11,961	2,060	2,460	468.1	1,608

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

Total area of holding	Total		Sugarcane												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with chemical/mineral fertilizer and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using				
				Local seeds	Improved seeds	Hybrid seeds		No. of holdings using	Local fertilizers	Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both	Area (ha)
Holding without land															
Holding with land	61,433	44,120.1	338	338		215	277	31	307				0.1	1	
under 0.1 ha	10,362	511.2	92	92		61	61	31	61				0.1	1	
0.1 ha and under 0.2 ha	7,010	1,090.6													
0.2 ha and under 0.5 ha	14,666	5,167.7	92	92		61	61		92						
0.5 ha and under 1 ha	14,482	10,585.1	123	123		92	123		123						
1 ha and under 2 ha	10,731	15,214.4	31	31			31		31						
2 ha and under 3 ha	3,075	7,259.2													
3 ha and under 4 ha	769	2,587.9													
4 ha and under 5 ha	215	925.2													
5 ha and under 10 ha	123	778.8													
10 ha and over															
Total	61,433	44,120.1	338	338		215	277	31	307				0.1	1	

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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)

Total area of holding	Total		Vegetables												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with chemical/ mineral fertilizer and quantity used	
				No. of holdings using				No. of holdings using	No. of holdings using						
				Local seeds	Improved seeds	Hybrid seeds	No. of holdings using		Local fertilizers	Mineral/chemical fertilizers	Both	Local fertilizers	Mineral/chemical fertilizers	Both	Area (ha)
Holding without land			338	215	123		31	215	31		123	31		0.1	1
Holding with land	61,433	44,120.1	28,656	23,522	4,059	1,076	6,611	16,173	2,060	2,583	16,081	1,414	1,660	371.1	1,035
under 0.1 ha	10,362	511.2	6,672	5,381	861	430	1,599	4,059	523	523	3,966	430	184	47.2	169
0.1 ha and under 0.2 ha	7,010	1,090.6	3,136	2,398	553	184	799	1,476	154	461	1,814	123	123	40.1	49
0.2 ha and under 0.5 ha	14,666	5,167.7	5,996	5,043	861	92	1,353	3,044	400	584	3,413	369	338	66.6	94
0.5 ha and under 1 ha	14,482	10,585.1	6,180	5,166	922	92	1,322	3,782	523	430	3,167	307	400	78.5	176
1 ha and under 2 ha	10,731	15,214.4	4,428	3,659	523	246	1,107	2,429	246	430	2,583	123	338	88.4	472
2 ha and under 3 ha	3,075	7,259.2	1,691	1,414	246	31	369	1,076	184	123	769	61	215	33.7	62
3 ha and under 4 ha	769	2,587.9	338	277	61		61	184			277		61	10.9	6
4 ha and under 5 ha	215	925.2	123	92	31			92	31		61			2.6	4
5 ha and under 10 ha	123	778.8	92	92				31		31	31			3.1	3
10 ha and over															
Total	61,433	44,120.1	28,995	23,737	4,182	1,076	6,641	16,388	2,091	2,583	16,204	1,445	1,660	371.2	1,036

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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)

Total area of holding	Total		Other crops													
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with mineral/ chemical fertilizer and quantity used		
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using			Area (ha)	Quantity (Qtl.)	
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical fertilizers	Both	Local fertilizers	Mineral/chemical fertilizers	Both			
Holding without land			369	338	31			215				246				
Holding with land	61,433	44,120.1	50,180	46,951	2,552	676	8,271	28,687	2,859	1,660	33,699	2,245	2,060	1,692.9	2,931	
under 0.1 ha	10,362	511.2	7,656	7,287	307	61	1,322	5,104	154	92	5,596	61	215	9.2	87	
0.1 ha and under 0.2 ha	7,010	1,090.6	5,012	4,766	184	61	646	2,859	61	31	3,567	154	61	15.9	24	
0.2 ha and under 0.5 ha	14,666	5,167.7	11,715	10,700	892	123	1,783	5,873	523	430	8,025	492	400	198.7	231	
0.5 ha and under 1 ha	14,482	10,585.1	12,360	11,561	615	184	2,152	7,195	1,230	584	7,656	676	707	516.9	705	
1 ha and under 2 ha	10,731	15,214.4	9,655	9,040	400	215	1,722	5,289	553	430	6,242	676	492	664.3	854	
2 ha and under 3 ha	3,075	7,259.2	2,890	2,737	123	31	523	1,814	215	61	2,060	123	123	203.3	314	
3 ha and under 4 ha	769	2,587.9	584	553	31		92	369	61	31	400	31	31	50.0	647	
4 ha and under 5 ha	215	925.2	215	215			31	154	31		123	31	31	29.9	66	
5 ha and under 10 ha	123	778.8	92	92				31	31		31			4.7	3	
10 ha and over																
Total	61,433	44,120.1	50,548	47,289	2,583	676	8,271	28,902	2,859	1,660	33,945	2,245	2,060	1,692.9	2,931	

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

Total area of holding	Livestock											
	Total		Cattle		Yak/Nak/Chauri		Buffalo		Goat		Sheep	
	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads
Holding without land	1,164	5,372	633	1,000			142	238	627	4,133		
Holding with land	47,318	256,542	27,867	75,112			18,197	45,313	28,958	115,340	2,532	10,417
Under 0.1 ha	4,747	17,240	1,387	2,947			397	620	3,672	12,829	192	405
0.1 ha and under 0.2 ha	4,717	21,436	1,870	4,380			1,020	1,622	3,403	13,380	256	810
0.2 ha and under 0.5 ha	11,464	53,388	6,665	17,358			3,430	6,582	6,956	26,791	321	1,302
0.5 ha and under 1 ha	12,718	69,929	8,746	24,551			5,045	11,090	7,225	29,210	737	2,778
1 ha and under 2 ha	9,732	60,238	6,725	17,169			5,300	14,619	5,404	21,862	641	3,096
2 ha and under 3 ha	2,866	23,268	1,779	4,894			2,154	7,679	1,791	9,063	224	955
3 ha and under 4 ha	746	6,126	452	2,325			539	2,266	299	1,041	64	174
4 ha and under 5 ha	209	3,880	151	1,271			198	453	149	796	96	897
5 ha and under 10 ha	119	1,037	90	216			113	382	60	367		
10 ha and over												
Total	48,482	261,914	28,500	76,112			18,339	45,551	29,585	119,473	2,532	10,417

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

Total area of holding	Livestock									
	Pig		Horse		Mules and Asses		Rabbit		Other	
	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads
Holding without land										
Holding with land	4,697	9,869					92	277	154	215
Under 0.1 ha	215	285					31	61	61	92
0.1 ha and under 0.2 ha	466	998					61	215	31	31
0.2 ha and under 0.5 ha	932	1,354								
0.5 ha and under 1 ha	1,147	2,209							61	92
1 ha and under 2 ha	1,255	3,492								
2 ha and under 3 ha	323	677								
3 ha and under 4 ha	179	321								
4 ha and under 5 ha	143	463								
5 ha and under 10 ha	36	71								
10 ha and over										
Total	4,697	9,869					92	277	154	215

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

Total area of holding	Cattle												
	All ages				Under one year								
	No. of holdings	Number of heads			Number of heads			Number of heads			Number of heads		
		Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	633	1,000	946	54	216	216		81	81		135	135	
Holding with land	27,867	75,112	72,597	2,515	6,165	5,759	406	3,163	3,028	135	3,001	2,731	270
under 0.1 ha	1,387	2,947	2,569	379	351	270	81	135	108	27	216	162	54
0.1 ha and under 0.2 ha	1,870	4,380	4,137	243	351	324	27	108	108		243	216	27
0.2 ha and under 0.5 ha	6,665	17,358	16,818	541	1,703	1,595	108	1,027	973	54	676	622	54
0.5 ha and under 1 ha	8,746	24,551	24,145	406	1,812	1,757	54	919	865	54	892	892	
1 ha and under 2 ha	6,725	17,169	16,385	784	1,190	1,082	108	622	622		568	460	108
2 ha and under 3 ha	1,779	4,894	4,732	162	433	406	27	216	216		216	189	27
3 ha and under 4 ha	452	2,325	2,325		270	270		108	108		162	162	
4 ha and under 5 ha	151	1,271	1,271		54	54		27	27		27	27	
5 ha and under 10 ha	90	216	216										
10 ha and over													
Total	28,500	76,112	73,543	2,569	6,381	5,975	406	3,245	3,109	135	3,136	2,866	270

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

Total area of holding	Cattle								
	One to three years								
	Total			Male			Female		
	Number of heads			Number of heads			Number of heads		
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	135	108	27	27	27		108	81	27
Holding with land	10,626	10,112	514	5,354	5,164	189	5,272	4,948	324
under 0.1 ha	541	460	81	270	216	54	270	243	27
0.1 ha and under 0.2 ha	541	487	54	270	270		270	216	54
0.2 ha and under 0.5 ha	2,082	1,974	108	1,000	973	27	1,082	1,000	81
0.5 ha and under 1 ha	3,785	3,731	54	1,866	1,866		1,920	1,866	54
1 ha and under 2 ha	2,136	1,947	189	919	838	81	1,217	1,109	108
2 ha and under 3 ha	703	676	27	514	487	27	189	189	
3 ha and under 4 ha	649	649		379	379		270	270	
4 ha and under 5 ha	81	81		54	54		27	27	
5 ha and under 10 ha	108	108		81	81		27	27	
10 ha and over									
Total	10,761	10,220	541	5,381	5,191	189	5,381	5,029	351

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

Total area of holding	Cattle											
	Three years and over											
	Total			Male			Female					
	Number of heads			Number of heads			Cows			Cows in milk		
	Total	Local	Improved	Total	Local	Improved	Number of heads			Number of heads		
Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	
Holding without land	649	622	27	162	162		162	162		324	297	27
Holding with land	58,321	56,726	1,595	39,205	38,583	622	6,246	5,786	460	12,870	12,356	514
Under 0.1 ha	2,055	1,839	216	1,163	1,136	27	324	216	108	568	487	81
0.1 ha and Under 0.2 ha	3,488	3,326	162	2,433	2,352	81	324	324		730	649	81
0.2 ha and Under 0.5 ha	13,573	13,249	324	8,814	8,733	81	1,730	1,595	135	3,028	2,920	108
0.5 ha and Under 1 ha	18,954	18,656	297	13,113	13,005	108	2,082	2,028	54	3,758	3,623	135
1 ha and Under 2 ha	13,843	13,357	487	10,058	9,788	270	1,082	946	135	2,704	2,623	81
2 ha and Under 3 ha	3,758	3,650	108	2,596	2,542	54	487	460	27	676	649	27
3 ha and Under 4 ha	1,406	1,406		649	649		135	135		622	622	
4 ha and Under 5 ha	1,136	1,136		324	324		81	81		730	730	
5 ha and Under 10 ha	108	108		54	54					54	54	
10 ha and over												
Total	58,970	57,348	1,622	39,367	38,745	622	6,408	5,948	460	13,195	12,654	541

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

Total area of holding	Yak/Nak/Chauri											
	All ages		Under one year			One to three year			Three years and over			
	No. of holdings	No. of heads	Total	Male	Female	Total	Male	Female	Total	Male	Female	
			No. of heads	No. of heads	No. of heads	No. of heads	No. of heads	No. of heads	No. of heads	No. of heads	No. of heads	Nak/Chauri in milk
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 9c. Number of holdings reporting livestock according to age, sex and breed by total area of holding

Total area of holding	Buffalo												
	All ages			Under one year									
				Total			Male			Female			
	No. of holdings	Number of heads			Number of heads			Number of heads			Number of heads		
Total		Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	
Holding without land	142	238	167	72	72	48	24	72	48	24			
Holding with land	18,197	45,313	43,166	2,146	7,250	6,773	477	3,649	3,458	191	3,601	3,315	286
under 0.1 ha	397	620	501	119	119	72	48	72	48	24	48	24	24
0.1 ha and under 0.2 ha	1,020	1,622	1,526	95	382	358	24	215	191	24	167	167	
0.2 ha and under 0.5 ha	3,430	6,582	6,439	143	1,002	1,002		549	549		453	453	
0.5 ha and under 1 ha	5,045	11,090	10,517	572	1,598	1,455	143	763	668	95	835	787	48
1 ha and under 2 ha	5,300	14,619	13,975	644	2,361	2,242	119	1,049	1,025	24	1,312	1,216	95
2 ha and under 3 ha	2,154	7,679	7,202	477	1,192	1,097	95	668	644	24	525	453	72
3 ha and under 4 ha	539	2,266	2,170	95	477	429	48	286	286		191	143	48
4 ha and under 5 ha	198	453	453		48	48		24	24		24	24	
5 ha and under 10 ha	113	382	382		72	72		24	24		48	48	
10 ha and over													
Total	18,339	45,551	43,333	2,218	7,322	6,821	501	3,720	3,506	215	3,601	3,315	286

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

Total area of holding	Buffalo								
	One to three years								
	Total			Male			Female		
	Number of heads			Number of heads			Number of heads		
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	48	24	24				48	24	24
Holding with land	8,848	8,371	477	3,792	3,625	167	5,056	4,746	310
under 0.1 ha	167	143	24	95	95		72	48	24
0.1 ha and under 0.2 ha	405	405		215	215		191	191	
0.2 ha and under 0.5 ha	1,073	1,025	48	453	429	24	620	596	24
0.5 ha and under 1 ha	2,361	2,242	119	859	835	24	1,502	1,407	95
1 ha and under 2 ha	2,719	2,623	95	1,145	1,121	24	1,574	1,502	72
2 ha and under 3 ha	1,431	1,288	143	692	596	95	739	692	48
3 ha and under 4 ha	549	501	48	310	310		238	191	48
4 ha and under 5 ha	119	119					119	119	
5 ha and under 10 ha	24	24		24	24				
10 ha and over									
Total	8,896	8,395	501	3,792	3,625	167	5,104	4,770	334

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

Total area of holding	Buffalo											
	Three years and over											
	Total			Male			Female					
	Number of heads			Number of heads			Buffalo			Buffalo in milk		
	Total	Local	Improved	Total	Local	Improved	Number of head			Number of head		
						Total	Local	Improved	Total	Local	Improved	
Holding without land	119	95	24				95	72	24	24	24	
Holding with land	29,215	28,022	1,192	14,834	14,476	358	7,584	7,035	549	6,797	6,511	286
Under 0.1 ha	334	286	48	48	48		143	119	24	143	119	24
0.1 ha and Under 0.2 ha	835	763	72	238	238		429	358	72	167	167	
0.2 ha and Under 0.5 ha	4,507	4,412	95	2,170	2,170		1,407	1,336	72	930	906	24
0.5 ha and Under 1 ha	7,131	6,821	310	3,983	3,887	95	1,479	1,407	72	1,669	1,526	143
1 ha and Under 2 ha	9,539	9,110	429	5,008	4,841	167	2,456	2,266	191	2,075	2,003	72
2 ha and Under 3 ha	5,056	4,817	238	2,480	2,385	95	1,169	1,049	119	1,407	1,383	24
3 ha and Under 4 ha	1,240	1,240		549	549		429	429		262	262	
4 ha and Under 5 ha	286	286		167	167		24	24		95	95	
5 ha and Under 10 ha	286	286		191	191		48	48		48	48	
10 ha and over												
Total	29,334	28,118	1,216	14,834	14,476	358	7,679	7,107	572	6,821	6,535	286

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

Total area of holding	Goat												
	All ages				Under six months								
	No. of holdings	No. of heads			No. of heads			Male			Female		
		Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	627	4,133	3,154	980	1,255	1,041	214	735	643	92	521	398	122
Holding with land	28,958	115,340	109,981	5,358	36,313	34,262	2,051	16,534	15,952	582	19,779	18,310	1,470
Under 0.1 ha	3,672	12,829	11,757	1,072	4,042	3,705	337	2,051	1,898	153	1,990	1,806	184
0.1 ha and Under 0.2 ha	3,403	13,380	13,105	276	3,674	3,582	92	1,684	1,684		1,990	1,898	92
0.2 ha and Under 0.5 ha	6,956	26,791	25,628	1,163	9,032	8,543	490	3,889	3,735	153	5,144	4,807	337
0.5 ha and Under 1 ha	7,225	29,210	28,291	919	8,757	8,543	214	4,225	4,133	92	4,532	4,409	122
1 ha and Under 2 ha	5,404	21,862	20,208	1,653	7,226	6,430	796	3,092	2,970	122	4,133	3,460	674
2 ha and Under 3 ha	1,791	9,063	8,787	276	2,939	2,817	122	1,378	1,317	61	1,562	1,500	61
3 ha and Under 4 ha	299	1,041	1,041		153	153		31	31		122	122	
4 ha and Under 5 ha	149	796	796		337	337		153	153		184	184	
5 ha and Under 10 ha	60	367	367		153	153		31	31		122	122	
10 ha and over													
Total	29,585	119,473	113,135	6,338	37,569	35,303	2,266	17,269	16,595	674	20,300	18,708	1,592

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

Total area of holding	Goat								
	Six months and over								
	Total			Male			Female		
	No. of heads			No. of heads			No. of heads		
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	2,878	2,113	765	1,531	1,133	398	1,347	980	367
Holding with land	79,026	75,719	3,307	24,311	22,474	1,837	54,715	53,245	1,470
Under 0.1 ha	8,787	8,053	735	2,664	2,235	429	6,124	5,817	306
0.1 ha and Under 0.2 ha	9,706	9,522	184	3,031	2,909	122	6,675	6,614	61
0.2 ha and Under 0.5 ha	17,759	17,085	674	4,960	4,654	306	12,798	12,431	367
0.5 ha and Under 1 ha	20,453	19,749	704	6,920	6,491	429	13,533	13,258	276
1 ha and Under 2 ha	14,636	13,778	857	4,776	4,287	490	9,859	9,492	367
2 ha and Under 3 ha	6,124	5,971	153	1,623	1,562	61	4,501	4,409	92
3 ha and Under 4 ha	888	888		214	214		674	674	
4 ha and Under 5 ha	459	459		61	61		398	398	
5 ha and Under 10 ha	214	214		61	61		153	153	
10 ha and over									
Total	81,904	77,832	4,072	25,842	23,607	2,235	56,062	54,225	1,837

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

Total area of holding	Sheep												
	All ages				Under six months								
	No. of holdings	No. of heads			No. of heads			No. of heads			No. of heads		
		Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land													
Holding with land	2,532	10,417	10,301	116	2,199	2,199		1,157	1,157		1,042	1,042	
Under 0.1 ha	192	405	405		58	58		58	58				
0.1 ha and Under 0.2 ha	256	810	810		174	174		116	116		58	58	
0.2 ha and Under 0.5 ha	321	1,302	1,302		174	174		58	58		116	116	
0.5 ha and Under 1 ha	737	2,778	2,778		579	579		376	376		203	203	
1 ha and Under 2 ha	641	3,096	2,980	116	839	839		376	376		463	463	
2 ha and Under 3 ha	224	955	955		116	116		58	58		58	58	
3 ha and Under 4 ha	64	174	174		58	58					58	58	
4 ha and Under 5 ha	96	897	897		203	203		116	116		87	87	
5 ha and Under 10 ha													
10 ha and over													
Total	2,532	10,417	10,301	116	2,199	2,199		1,157	1,157		1,042	1,042	

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

Total area of holding	Sheep								
	Six months and over								
	Total			Male			Female		
	No. of heads			No. of heads			No. of heads		
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land									
Holding with land	8,218	8,102	116	2,315	2,199	116	5,903	5,903	
Under 0.1 ha	347	347		29	29		318	318	
0.1 ha and Under 0.2 ha	637	637		87	87		550	550	
0.2 ha and Under 0.5 ha	1,129	1,129		289	289		839	839	
0.5 ha and Under 1 ha	2,199	2,199		694	694		1,505	1,505	
1 ha and Under 2 ha	2,257	2,141	116	868	752	116	1,389	1,389	
2 ha and Under 3 ha	839	839		174	174		666	666	
3 ha and Under 4 ha	116	116		116	116				
4 ha and Under 5 ha	694	694		58	58		637	637	
5 ha and Under 10 ha									
10 ha and over									
Total	8,218	8,102	116	2,315	2,199	116	5,903	5,903	

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

Total area of holding	Pig									
	No. of holdings	Total			Under six months			Six months and over		
		Number of heads			Number of heads			Number of heads		
		Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land										
Holding with land	4,697	9,869	8,871	998	4,525	3,919	606	5,344	4,952	392
Under 0.1 ha	215	285	214	71	107	107		178	107	71
0.1 ha and Under 0.2 ha	466	998	926	71	641	570	71	356	356	
0.2 ha and Under 0.5 ha	932	1,354	1,354		570	570		784	784	
0.5 ha and Under 1 ha	1,147	2,209	1,817	392	819	606	214	1,389	1,211	178
1 ha and Under 2 ha	1,255	3,492	3,171	321	2,031	1,781	249	1,461	1,389	71
2 ha and Under 3 ha	323	677	534	143	214	143	71	463	392	71
3 ha and Under 4 ha	179	321	321		71	71		249	249	
4 ha and Under 5 ha	143	463	463		71	71		392	392	
5 ha and Under 10 ha	36	71	71					71	71	
10 ha and over										
Total	4,697	9,869	8,871	998	4,525	3,919	606	5,344	4,952	392

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

Total area of holding	Poultry (Chicken)												
	Total		Local						Improved				
	No. of holdings	Number of birds	No. of holdings	Number of birds					No. of holdings	Number of birds			
				Total	Chicks	Cocks	Hens			Total	Broiler	Layers	Giriraj
							Laying eggs	Not laying eggs					
Holding without land	492	26,074	400	7,841	6,672	430	277	461	123	18,233	16,911	1,322	
Holding with land	21,062	197,705	18,971	118,992	61,648	17,495	18,725	21,123	3,290	78,713	61,126	13,898	3,690
Under 0.1 ha	2,767	31,577	2,214	12,391	6,026	2,398	1,353	2,614	646	19,186	14,513	3,013	1,660
0.1 ha and Under 0.2 ha	2,706	42,554	2,491	14,359	6,703	2,552	2,183	2,921	307	28,195	20,262	7,871	61
0.2 ha and Under 0.5 ha	4,950	39,787	4,643	25,551	12,975	4,120	4,120	4,335	646	14,236	12,760	922	553
0.5 ha and Under 1 ha	5,319	37,696	4,827	30,962	17,126	4,089	4,827	4,920	738	6,734	5,227	922	584
1 ha and Under 2 ha	3,874	33,330	3,505	24,752	12,852	2,583	4,428	4,889	676	8,578	7,287	1,138	154
2 ha and Under 3 ha	1,045	7,902	892	6,149	3,321	1,107	861	861	246	1,753	1,045	31	676
3 ha and Under 4 ha	215	2,183	215	2,152	892	492	430	338	31	31	31		
4 ha and Under 5 ha	154	2,460	154	2,460	1,660	123	461	215					
5 ha and Under 10 ha	31	215	31	215	92	31	61	31					
10 ha and over													
Total	21,554	223,778	19,371	126,832	68,320	17,926	19,002	21,585	3,413	96,946	78,037	15,220	3,690

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

Total area of holding	Other birds					
	Duck		Pigeon		Others	
	No. of holdings	No. of birds	No. of holdings	No. of birds	No. of holdings	No. of birds
Holding without land			31	215		
Holding with land	1,414	4,766	461	3,044	92	123
Under 0.1 ha	154	369			31	31
0.1 ha and Under 0.2 ha	61	184	31	61		
0.2 ha and Under 0.5 ha	400	1,076	92	1,045		
0.5 ha and Under 1 ha	492	1,568	123	922		
1 ha and Under 2 ha	123	953	154	676	31	61
2 ha and Under 3 ha	92	461	61	338		
3 ha and Under 4 ha	61	123			31	31
4 ha and Under 5 ha	31	31				
5 ha and Under 10 ha						
10 ha and over						
Total	1,414	4,766	492	3,259	92	123

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

Total area of holding	Total		No. of holdings reporting the use of										
	No. of holdings	Area (ha)	Iron ploughs	Power tillers	Shallow tube well	Deep tube well	Rower pump/Dhiki	Tractor	Thresher	Pumping set/ Motor	Animal drawn cart	Sprayer	Other equipments
Holding without land			31		31	246			31	31			92
Holding with land	61,433	44,120.1	45,690	615	13,652	11,592	4,489	22,169	22,937	17,065	9,193	5,319	13,098
Under 0.1 ha	10,362	511.2	2,521	31	1,353	2,398	215	430	492	430	92	461	1,168
0.1 ha and Under 0.2 ha	7,010	1,090.6	4,889		1,138	1,322	400	1,722	1,968	953	215	492	1,107
0.2 ha and Under 0.5 ha	14,666	5,167.7	12,145	184	2,737	2,552	984	5,381	5,412	3,720	1,230	1,107	2,552
0.5 ha and Under 1 ha	14,482	10,585.1	12,514	154	3,936	2,675	1,045	6,549	7,164	5,442	2,583	1,291	3,659
1 ha and Under 2 ha	10,731	15,214.4	9,870	215	2,952	1,937	1,107	5,442	5,719	4,581	3,228	1,261	2,982
2 ha and Under 3 ha	3,075	7,259.2	2,829	31	1,168	523	584	1,876	1,414	1,414	1,261	523	1,138
3 ha and Under 4 ha	769	2,587.9	615		246	123	123	553	523	307	369	123	338
4 ha and Under 5 ha	215	925.2	184		92	61		123	154	184	123	61	123
5 ha and Under 10 ha	123	778.8	123		31		31	92	92	31	92		31
10 ha and over													
Total	61,433	44,120.1	45,721	615	13,683	11,838	4,489	22,169	22,968	17,095	9,193	5,319	13,191

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

Total area of holding	Total		Number by source (On the day of enumeration)											
	No. of holdings	Area (ha)	Iron ploughs						No. of holdings	Power tillers				
			No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/Others		Total	Owned solely	Owned Jointly	Land owner's	Rented/Others
Holding without land			31	31	31									
Holding with land	61,433	44,120.1	35,636	41,878	41,509	307	61		123	154	92	31	31	
Under 0.1 ha	10,362	511.2	861	861	861									
0.1 ha and Under 0.2 ha	7,010	1,090.6	2,767	2,829	2,829									
0.2 ha and Under 0.5 ha	14,666	5,167.7	8,548	9,193	9,101	61	31							
0.5 ha and Under 1 ha	14,482	10,585.1	10,915	12,422	12,330	92		92	123	61	31	31		
1 ha and Under 2 ha	10,731	15,214.4	8,978	11,438	11,284	123	31	31	31	31				
2 ha and Under 3 ha	3,075	7,259.2	2,644	3,720	3,690	31								
3 ha and Under 4 ha	769	2,587.9	615	922	922									
4 ha and Under 5 ha	215	925.2	215	307	307									
5 ha and Under 10 ha	123	778.8	92	184	184									
10 ha and over														
Total	61,433	44,120.1	35,667	41,908	41,540	307	61		123	154	92	31	31	

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

Total area of holding	Number by source (On the day of enumeration)											
	Shallow tube well						Deep tube 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	31	31	31				215	215	215			
Holding with land	8,701	9,193	8,794	369	31		6,826	7,103	6,887	184	31	
Under 0.1 ha	1,168	1,168	1,168				2,152	2,152	2,152			
0.1 ha and Under 0.2 ha	861	861	830	31			830	830	830			
0.2 ha and Under 0.5 ha	1,722	2,029	1,999	31			1,168	1,199	1,138	61		
0.5 ha and Under 1 ha	2,245	2,275	2,183	92			1,322	1,414	1,291	92	31	
1 ha and Under 2 ha	1,568	1,568	1,445	123			953	1,076	1,045	31		
2 ha and Under 3 ha	799	861	738	92	31		277	277	277			
3 ha and Under 4 ha	215	277	277				92	123	123			
4 ha and Under 5 ha	92	123	123				31	31	31			
5 ha and Under 10 ha	31	31	31									
10 ha and over												
Total	8,732	9,224	8,824	369	31		7,041	7,318	7,103	184	31	

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

Total area of holding	Number by source (On the day of enumeration)											
	Rower pump/Dhiki pump						Tractor					
	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	2,245	2,245	2,214	31			922	922	922			
Under 0.1 ha	123	123	123									
0.1 ha and Under 0.2 ha	184	184	184									
0.2 ha and Under 0.5 ha	369	369	369				123	123	123			
0.5 ha and Under 1 ha	461	461	430	31			184	184	184			
1 ha and Under 2 ha	707	707	707				246	246	246			
2 ha and Under 3 ha	338	338	338				154	154	154			
3 ha and Under 4 ha	31	31	31				154	154	154			
4 ha and Under 5 ha							61	61	61			
5 ha and Under 10 ha	31	31	31									
10 ha and over												
Total	2,245	2,245	2,214	31			922	922	922			

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

Total area of holding	Number by source (On the day of enumeration)											
	Thresher						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	584	676	676				3,567	3,628	3,474	92	61	
Under 0.1 ha							31	31	31			
0.1 ha and Under 0.2 ha	31	31	31				123	123	123			
0.2 ha and Under 0.5 ha	61	61	61				246	246	215	31		
0.5 ha and Under 1 ha	123	154	154				892	892	861	31		
1 ha and Under 2 ha	123	123	123				1,168	1,199	1,138		61	
2 ha and Under 3 ha	61	61	61				646	676	676			
3 ha and Under 4 ha	123	184	184				277	277	246	31		
4 ha and Under 5 ha	61	61	61				154	154	154			
5 ha and Under 10 ha							31	31	31			
10 ha and over												
Total	584	676	676				3,567	3,628	3,474	92	61	

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

Total area of holding	Number by source (On the day of enumeration)											
	Animal drawn cart						Sprayer					
	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	5,442	5,442	5,442				2,429	2,460	2,429	31		
Under 0.1 ha	61	61	61				338	338	338			
0.1 ha and Under 0.2 ha	31	31	31				307	307	307			
0.2 ha and Under 0.5 ha	307	307	307				369	369	369			
0.5 ha and Under 1 ha	1,414	1,414	1,414				492	492	492			
1 ha and Under 2 ha	2,152	2,152	2,152				615	646	615	31		
2 ha and Under 3 ha	953	953	953				215	215	215			
3 ha and Under 4 ha	307	307	307				31	31	31			
4 ha and Under 5 ha	123	123	123				61	61	61			
5 ha and Under 10 ha	92	92	92									
10 ha and over												
Total	5,442	5,442	5,442				2,429	2,460	2,429	31		

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

Total area of holding	Number by source (On the day of enumeration)					
	Other equipment					
	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others
Holding without land	61	61	61			
Holding with land	6,518	6,518	6,457	61		
Under 0.1 ha	215	215	215			
0.1 ha and Under 0.2 ha	553	553	553			
0.2 ha and Under 0.5 ha	1,199	1,199	1,199			
0.5 ha and Under 1 ha	1,968	1,968	1,937	31		
1 ha and Under 2 ha	1,691	1,691	1,660	31		
2 ha and Under 3 ha	615	615	615			
3 ha and Under 4 ha	154	154	154			
4 ha and Under 5 ha	92	92	92			
5 ha and Under 10 ha	31	31	31			
10 ha and over						
Total	6,580	6,580	6,518	61		

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

Total area of holding	For keeping livestock					For keeping poultry				
	No. of holdings reporting the use	Number by source				No. of holdings reporting the use	Number by source			
		Total	Owned	Rented	Others		Total	Owned	Rented	Others
Holding without land	400	430	307		123	61	61	61		
Holding with land	25,305	29,087	28,533	307	246	1,722	1,783	1,753		31
Under 0.1 ha	830	830	830			184	184	184		
0.1 ha and Under 0.2 ha	1,783	1,845	1,814		31	184	246	246		
0.2 ha and Under 0.5 ha	5,535	5,873	5,811		61	430	430	400		31
0.5 ha and Under 1 ha	7,625	8,917	8,609	215	92	369	369	369		
1 ha and Under 2 ha	6,518	7,625	7,472	92	61	461	461	461		
2 ha and Under 3 ha	2,152	2,798	2,798			61	61	61		
3 ha and Under 4 ha	584	707	707							
4 ha and Under 5 ha	215	400	400			31	31	31		
5 ha and Under 10 ha	61	92	92							
10 ha and over										
Total	25,705	29,517	28,841	307	369	1,783	1,845	1,814		31

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

Total area of holding	For storing agricultural products					For miscellaneous purposes				
	No. of holdings reporting the use	Number by source				No. of holdings reporting the use	Number by source			
		Total	Owned	Rented	Others		Total	Owned	Rented	Others
Holding without land										
Holding with land	2,275	3,167	3,167			2,306	2,398	2,275	61	61
Under 0.1 ha	123	154	154			31	31	31		
0.1 ha and Under 0.2 ha	215	246	246			154	184	184		
0.2 ha and Under 0.5 ha	430	553	553			246	246	184	31	31
0.5 ha and Under 1 ha	492	738	738			707	707	676	31	
1 ha and Under 2 ha	676	1,076	1,076			738	769	769		
2 ha and Under 3 ha	277	277	277			215	215	184		31
3 ha and Under 4 ha	31	92	92			154	184	184		
4 ha and Under 5 ha	31	31	31			61	61	61		
5 ha and Under 10 ha										
10 ha and over										
Total	2,275	3,167	3,167			2,306	2,398	2,275	61	61

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

Total area of holding	Total		Forest Trees				
	No. of holdings	Area (ha)	No. of holdings reporting	Compact Plantation			Number of scattered trees
				No. of holdings	Area (ha)	No. of trees	
Holding without land			61				892
Holding with land	61,433	44,120.1	11,961	1,045	60.9	58,174	106,078
Under 0.1 ha	10,362	511.2	1,445	31	1.0	1,230	6,272
0.1 ha and Under 0.2 ha	7,010	1,090.6	1,107	61	2.1	8,302	4,827
0.2 ha and Under 0.5 ha	14,666	5,167.7	2,429	123	8.7	7,072	17,003
0.5 ha and Under 1 ha	14,482	10,585.1	3,413	430	25.8	20,447	38,034
1 ha and Under 2 ha	10,731	15,214.4	2,491	246	18.1	17,034	20,539
2 ha and Under 3 ha	3,075	7,259.2	707	92	3.1	2,614	13,006
3 ha and Under 4 ha	769	2,587.9	215	31	1.0	615	4,182
4 ha and Under 5 ha	215	925.2	92	31	1.0	861	1,138
5 ha and Under 10 ha	123	778.8	61				1,076
10 ha and over							
Total	61,433	44,120.1	12,022	1,045	60.9	58,174	106,970

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

Total area of holding	Total		No. of holding reporting use of forest trees				
	No. of holdings	Area (ha)	Total holding	For wood production	For herbal plants production	For soil and water conservation	Other
Holding without land			61	61			
Holding with land	61,433	44,120.1	11,961	10,731	523	61	646
Under 0.1 ha	10,362	511.2	1,445	1,230	61		154
0.1 ha and Under 0.2 ha	7,010	1,090.6	1,107	922	31		154
0.2 ha and Under 0.5 ha	14,666	5,167.7	2,429	2,275	31	31	92
0.5 ha and Under 1 ha	14,482	10,585.1	3,413	3,075	277		61
1 ha and Under 2 ha	10,731	15,214.4	2,491	2,245	61	31	154
2 ha and Under 3 ha	3,075	7,259.2	707	646	61		
3 ha and Under 4 ha	769	2,587.9	215	184			31
4 ha and Under 5 ha	215	925.2	92	92			
5 ha and Under 10 ha	123	778.8	61	61			
10 ha and over							
Total	61,433	44,120.1	12,022	10,792	523	61	646

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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	Total		Number of holding reporting ancillary agriculture activity on holding			
	Number of Holdings	Area (ha)	Mushroom farming	Sericulture	Bee-keeping	Fishery
Holding without land						
Holding with land	61,433	44,120.1	123		123	584
Under 0.1 ha	10,362	511.2	61			31
0.1 ha and Under 0.2 ha	7,010	1,090.6	31			92
0.2 ha and Under 0.5 ha	14,666	5,167.7			31	92
0.5 ha and Under 1 ha	14,482	10,585.1			92	184
1 ha and Under 2 ha	10,731	15,214.4	31			123
2 ha and Under 3 ha	3,075	7,259.2				61
3 ha and Under 4 ha	769	2,587.9				
4 ha and Under 5 ha	215	925.2				
5 ha and Under 10 ha	123	778.8				
10 ha and over						
Total	61,433	44,120.1	123		123	584

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

Total area of holding	Total		Fishery					
	Number of Holdings	Area (ha)	Number of holding reporting	Pond			Rice field	Other
				No of holdings	No. of pond	Area (ha)	No of holdings	No of holdings
Holding without land								
Holding with land	61,433	44,120.1	584	430	553	16.5	92	61
Under 0.1 ha	10,362	511.2	31	31	31	0.3		
0.1 ha and Under 0.2 ha	7,010	1,090.6	92	92	92	3.1		
0.2 ha and Under 0.5 ha	14,666	5,167.7	92	31	31	0.3		61
0.5 ha and Under 1 ha	14,482	10,585.1	184	154	277	7.5	31	
1 ha and Under 2 ha	10,731	15,214.4	123	92	92	4.7	31	
2 ha and Under 3 ha	3,075	7,259.2	61	31	31	0.5	31	
3 ha and Under 4 ha	769	2,587.9						
4 ha and Under 5 ha	215	925.2						
5 ha and Under 10 ha	123	778.8						
10 ha and over								
Total	61,433	44,120.1	584	430	553	16.5	92	61

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

Total area of holding	Total		No. of holdings without agricultural credit	Number of holdings with credit by main source							
	No. of holdings	Area (ha)		Total	Cooperatives	ADB/N	Commercial Bank/financial institution	Farmer's group	Women's group	Relatives	Other
Holding without land			1,076	246	31		61		31	123	
Holding with land	61,433	44,120.1	43,723	16,388	1,722	2,060	2,275	1,107	2,491	6,334	400
Under 0.1 ha	10,362	511.2	7,687	1,476	154	61	154	92	307	707	
0.1 ha and Under 0.2 ha	7,010	1,090.6	4,950	2,060	277	246	277	92	307	769	92
0.2 ha and Under 0.5 ha	14,666	5,167.7	10,454	4,212	553	369	738	369	861	1,322	
0.5 ha and Under 1 ha	14,482	10,585.1	10,485	3,874	307	461	523	246	523	1,630	184
1 ha and Under 2 ha	10,731	15,214.4	7,472	3,259	277	646	338	277	307	1,322	92
2 ha and Under 3 ha	3,075	7,259.2	2,060	1,015	61	215	184	31	123	369	31
3 ha and Under 4 ha	769	2,587.9	400	369	61	31	61		31	184	
4 ha and Under 5 ha	215	925.2	154	61	31	31					
5 ha and Under 10 ha	123	778.8	61	61					31	31	
10 ha and over											
Total	61,433	44,120.1	44,799	16,634	1,753	2,060	2,337	1,107	2,521	6,457	400

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

Total Area of Holding	Total		No of holdings reporting need for agricultural loan	Main purpose of agricultural loan					
	Number of holdings	Area (ha)		Agricultural Inputs	Irrigation	Agricultural implements	Livestock/poultry farming	Fishery	Other
Holding without land			553				553		
Holding with land	61,433	44,120.1	27,058	4,889	8,701	1,937	10,270	430	830
Under 0.1 ha	10,362	511.2	3,567	184	307	92	2,798	92	92
0.1 ha and Under 0.2 ha	7,010	1,090.6	2,890	277	799		1,691		123
0.2 ha and Under 0.5 ha	14,666	5,167.7	6,488	984	2,152	369	2,491	123	369
0.5 ha and Under 1 ha	14,482	10,585.1	6,611	1,660	2,337	492	1,876	154	92
1 ha and Under 2 ha	10,731	15,214.4	5,350	1,261	2,337	615	984	31	123
2 ha and Under 3 ha	3,075	7,259.2	1,660	430	615	246	369		
3 ha and Under 4 ha	769	2,587.9	369	61	123	61	61	31	31
4 ha and Under 5 ha	215	925.2	92	31		61			
5 ha and Under 10 ha	123	778.8	31		31				
10 ha and over									
Total	61,433	44,120.1	27,611	4,889	8,701	1,937	10,823	430	830

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

Total area of holding	Total		Farm population	Average household size	Main source of income in the household		Sufficiency of agriculture produce	
	Number of holdings	Area (ha)			Agriculture	Non-agriculture	Sufficient for household consumption	Insufficient for household consumption
Holding without land			5,350		338	984	31	1,291
Holding with land	61,433	44,120.1	341,725	5.6	48,519	11,592	28,195	31,916
Under 0.1 ha	10,362	511.2	40,955	4.0	3,843	5,319	676	8,486
0.1 ha and Under 0.2 ha	7,010	1,090.6	33,822	4.8	5,012	1,999	1,261	5,750
0.2 ha and Under 0.5 ha	14,666	5,167.7	75,177	5.1	12,022	2,644	5,289	9,378
0.5 ha and Under 1 ha	14,482	10,585.1	86,338	6.0	13,068	1,291	8,794	5,565
1 ha and Under 2 ha	10,731	15,214.4	70,104	6.5	10,454	277	8,333	2,398
2 ha and Under 3 ha	3,075	7,259.2	24,075	7.8	3,044	31	2,859	215
3 ha and Under 4 ha	769	2,587.9	6,857	8.9	738	31	738	31
4 ha and Under 5 ha	215	925.2	3,290	15.3	215		154	61
5 ha and Under 10 ha	123	778.8	1,107	9.0	123		92	31
10 ha and over								
Total	61,433	44,120.1	347,075	5.6	48,857	12,576	28,226	33,207

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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 area of holding	Total number of holdings	Total number of holdings reporting insufficiency of own produce for household consumption	Period of insufficiency				Income sources for insufficiency						
			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 country)	Pension	Borrowing	Other
Holding without land	1,322	1,291	31	215	277	769	184	861		123	61		61
Holding with land	60,111	31,916	6,764	13,283	6,857	5,012	1,968	19,033	2,029	5,350	615	1,599	1,322
Under 0.1 ha	9,163	8,486	523	1,783	2,368	3,813	892	5,227	400	1,322	246	92	307
0.1 ha and Under 0.2 ha	7,010	5,750	461	2,460	2,029	799	400	3,290	338	1,015	123	338	246
0.2 ha and Under 0.5 ha	14,666	9,378	2,368	5,043	1,722	246	523	5,412	553	1,691	123	646	430
0.5 ha and Under 1 ha	14,359	5,565	2,060	2,829	553	123	92	3,597	523	769	92	307	184
1 ha and Under 2 ha	10,731	2,398	1,261	922	184	31		1,353	154	492	31	215	154
2 ha and Under 3 ha	3,075	215		215			31	92	31	61			
3 ha and Under 4 ha	769	31	31					31					
4 ha and Under 5 ha	215	61	31	31			31	31					
5 ha and Under 10 ha	123	31	31						31				
10 ha and over													
Total	61,433	33,207	6,795	13,498	7,133	5,780	2,152	19,893	2,029	5,473	676	1,599	1,384

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

Total area of holding	Total		No. of holdings reporting access to nearest agriculture market					
	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			215	615	215	31	92	154
Holding with land	61,433	44,120.1	3,536	11,653	17,956	13,806	5,965	7,195
Under 0.1 ha	10,362	511.2	1,322	2,675	3,167	1,230	400	369
0.1 ha and Under 0.2 ha	7,010	1,090.6	523	1,537	2,706	1,384	430	430
0.2 ha and Under 0.5 ha	14,666	5,167.7	553	2,675	4,889	3,782	1,045	1,722
0.5 ha and Under 1 ha	14,482	10,585.1	492	2,859	3,628	3,659	1,876	1,845
1 ha and Under 2 ha	10,731	15,214.4	492	1,384	2,737	2,583	1,691	1,845
2 ha and Under 3 ha	3,075	7,259.2	123	369	707	861	307	707
3 ha and Under 4 ha	769	2,587.9	31	154	92	154	92	246
4 ha and Under 5 ha	215	925.2				92	123	
5 ha and Under 10 ha	123	778.8			31	61		31
10 ha and over								
Total	61,433	44,120.1	3,751	12,268	18,172	13,836	6,057	7,349

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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

Total area of holding	Total		No. of holdings reporting mode of transport					
	Number of Holdings	Area (ha)	On foot (without load)	Bicycle / rickshaw	Motorcycle / tempo	Car/bus	Mixed (foot+vehicle)	Nearby household
Holding without land			523	523		31	31	215
Holding with land	61,433	44,120.1	8,763	31,393	1,753	8,886	5,780	3,536
Under 0.1 ha	10,362	511.2	2,245	3,228	307	1,168	892	1,322
0.1 ha and Under 0.2 ha	7,010	1,090.6	1,107	3,597	215	1,168	400	523
0.2 ha and Under 0.5 ha	14,666	5,167.7	2,122	8,363	246	2,122	1,261	553
0.5 ha and Under 1 ha	14,482	10,585.1	1,691	8,302	307	2,152	1,414	492
1 ha and Under 2 ha	10,731	15,214.4	1,015	5,750	430	1,691	1,353	492
2 ha and Under 3 ha	3,075	7,259.2	461	1,599	215	338	338	123
3 ha and Under 4 ha	769	2,587.9	92	338	31	184	92	31
4 ha and Under 5 ha	215	925.2		123		61	31	
5 ha and Under 10 ha	123	778.8	31	92				
10 ha and over								
Total	61,433	44,120.1	9,286	31,916	1,753	8,917	5,811	3,751

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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

Total area of holding	Total		Household head		Classification of household		
	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			1,230	92	1,322		
Holding with land	61,433	44,120.1	55,499	4,612	59,619	277	215
Under 0.1 ha	10,362	511.2	7,748	1,414	9,101	31	31
0.1 ha and Under 0.2 ha	7,010	1,090.6	6,549	461	6,918	61	31
0.2 ha and Under 0.5 ha	14,666	5,167.7	13,652	1,015	14,605	61	
0.5 ha and Under 1 ha	14,482	10,585.1	13,621	738	14,205	61	92
1 ha and Under 2 ha	10,731	15,214.4	9,901	830	10,700		31
2 ha and Under 3 ha	3,075	7,259.2	2,921	154	3,013	31	31
3 ha and Under 4 ha	769	2,587.9	769		738	31	
4 ha and Under 5 ha	215	925.2	215		215		
5 ha and Under 10 ha	123	778.8	123		123		
10 ha and over							
Total	61,433	44,120.1	56,729	4,704	60,941	277	215

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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

Total area of holding	Total		Main purpose of production		Main production of holdings							
	Number of holdings	Area (ha)	For household Consumption	For sale	Cereals	Vegetables	Horticulture	Other crops	Livestock	Poultry	Fishery	Other
Holding without land			1,107	215	61	215		31	953	61		
Holding with land	61,433	44,120.1	59,281	830	53,838	5,719	61	246	215			31
Under 0.1 ha	10,362	511.2	9,070	92	4,089	4,797	31	154	92			
0.1 ha and Under 0.2 ha	7,010	1,090.6	6,918	92	6,026	799	31	61	61			31
0.2 ha and Under 0.5 ha	14,666	5,167.7	14,574	92	14,574	61		31				
0.5 ha and Under 1 ha	14,482	10,585.1	14,174	184	14,267	61			31			
1 ha and Under 2 ha	10,731	15,214.4	10,485	246	10,731							
2 ha and Under 3 ha	3,075	7,259.2	3,013	61	3,044				31			
3 ha and Under 4 ha	769	2,587.9	707	61	769							
4 ha and Under 5 ha	215	925.2	215		215							
5 ha and Under 10 ha	123	778.8	123		123							
10 ha and over												
Total	61,433	44,120.1	60,388	1,045	53,900	5,934	61	277	1,168	61		31

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

Total area of holding	Total		Other main economic production activity of holding											
	Number of holdings	Area (ha)	Mining and quarrying	Manufacturing	Electricity, gas and water	Construction	Wholesale and retail trade	Hotel and restaurants	Transport, communication and storage	Financial intermediation	Real state/professional services	Education	Health	Community social and personal services
Holding without land						123	246	31	92		31	31		31
Holding with land	61,433	44,120.1	92	1,045	61	2,521	3,536	676	1,076	61	307	246	123	1,599
Under 0.1 ha	10,362	511.2	61	184	31	246	892	123	277		92	92	31	430
0.1 ha and Under 0.2 ha	7,010	1,090.6		92		215	369	184	184	31		61		123
0.2 ha and Under 0.5 ha	14,666	5,167.7	31	307	31	646	830	184	215		61		61	400
0.5 ha and Under 1 ha	14,482	10,585.1		154		830	738	154	154	31	92	61		369
1 ha and Under 2 ha	10,731	15,214.4		215		523	430	31	215		61	31	31	154
2 ha and Under 3 ha	3,075	7,259.2		31		31	154							92
3 ha and Under 4 ha	769	2,587.9		31			61		31					31
4 ha and Under 5 ha	215	925.2		31		31	61							
5 ha and Under 10 ha	123	778.8												
10 ha and over														
Total	61,433	44,120.1	92	1,045	61	2,644	3,782	707	1,168	61	338	277	123	1,630

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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

Total area of holding	Total		Types of soil degradation					
	Number of holdings	Area (ha)	Soil erosion		Chemical degradation		Physical degradation	
			No. of holdings reporting	Area (ha)	No. of holdings reporting	Area (ha)	No. of holdings reporting	Area (ha)
Holding without land								
Holding with land	61,433	44,120.1	1,261	337.3	31	104.1	553	189.6
Under 0.1 ha	10,362	511.2	61	2.6			92	11.8
0.1 ha and Under 0.2 ha	7,010	1,090.6	123	12.1			31	0.5
0.2 ha and Under 0.5 ha	14,666	5,167.7	215	27.3			123	17.5
0.5 ha and Under 1 ha	14,482	10,585.1	338	123.6			123	37.0
1 ha and Under 2 ha	10,731	15,214.4	369	131.7			92	19.7
2 ha and Under 3 ha	3,075	7,259.2	123	30.2			31	52.1
3 ha and Under 4 ha	769	2,587.9	31	9.9	31	104.1	31	17.7
4 ha and Under 5 ha	215	925.2						
5 ha and Under 10 ha	123	778.8					31	33.3
10 ha and over								
Total	61,433	44,120.1	1,261	337.3	31	104.1	553	189.6

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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

Total area of holding	Total no. of holdings	Permanent basis				Occasional basis				Exchange of labour basis			
		No. of holdings reporting	No. of agriculture workers			No. of holdings reporting	No. of agriculture workers (man days)			No. of holdings reporting	No. of agriculture workers (man days)		
			Total	Male	Female		Total	Male	Female		Total	Male	Female
Holding without land													
Holding with land	61,433	430	799	615	184	26,012	823,565	226,853	596,712	16,019	405,249	155,581	249,668
Under 0.1 ha	10,362	31	31		31	1,076	5,412	2,368	3,044	615	4,212	1,353	2,859
0.1 ha and Under 0.2 ha	7,010	31	123	61	61	1,445	18,848	9,163	9,685	1,876	30,624	12,791	17,833
0.2 ha and Under 0.5 ha	14,666	31	31	31		5,934	108,784	34,129	74,654	4,827	99,160	40,525	58,635
0.5 ha and Under 1 ha	14,482					7,933	206,529	56,575	149,954	4,674	111,674	40,494	71,180
1 ha and Under 2 ha	10,731	215	461	400	61	6,611	257,447	70,350	187,097	3,228	117,116	44,676	72,441
2 ha and Under 3 ha	3,075	92	123	92	31	2,245	145,373	37,143	108,230	492	22,415	9,224	13,191
3 ha and Under 4 ha	769					523	62,663	12,545	50,118	184	15,466	5,780	9,685
4 ha and Under 5 ha	215	31	31	31		215	17,895	4,428	13,467	61	1,353	430	922
5 ha and Under 10 ha	123					31	615	154	461	61	3,228	307	2,921
10 ha and over													
Total	61,433	430	799	615	184	26,012	823,565	226,853	596,712	16,019	405,249	155,581	249,668

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

Total area of holding	Total no. of holdings	Number of holdings by holder's age and sex							
		All ages		Under 15 years		15 - 24 years		25 - 34 years	
		Male	Female	Male	Female	Male	Female	Male	Female
Holding without land		738	584					154	246
Holding with land	61,433	46,828	13,283			1,999	1,045	7,841	4,551
Under 0.1 ha	10,362	4,797	4,366			338	338	769	1,722
0.1 ha and Under 0.2 ha	7,010	5,073	1,937			184	277	1,045	769
0.2 ha and Under 0.5 ha	14,666	10,915	3,751			615	338	2,183	1,291
0.5 ha and Under 1 ha	14,482	12,114	2,245			523	92	2,091	553
1 ha and Under 2 ha	10,731	9,839	892			307		1,138	215
2 ha and Under 3 ha	3,075	3,044	31					553	
3 ha and Under 4 ha	769	707	61			31		31	
4 ha and Under 5 ha	215	215						31	
5 ha and Under 10 ha	123	123							
10 ha and over									
Total	61,433	47,566	13,867			1,999	1,045	7,994	4,797

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

Total area of holding	Number of holdings by holder's age and sex							
	35 - 44 years		45 - 54 years		55 - 64 years		65 years and over	
	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	215	215	184	31	92	92	92	
Holding with land	12,422	3,720	11,284	1,722	8,271	1,322	5,012	922
Under 0.1 ha	1,568	1,107	1,045	615	492	369	584	215
0.1 ha and Under 0.2 ha	1,414	461	1,138	184	892	154	400	92
0.2 ha and Under 0.5 ha	3,013	1,045	2,029	338	1,876	430	1,199	307
0.5 ha and Under 1 ha	2,890	738	3,105	400	2,183	277	1,322	184
1 ha and Under 2 ha	2,706	369	2,798	154	1,937	61	953	92
2 ha and Under 3 ha	646		769	31	738		338	
3 ha and Under 4 ha	123		307		61	31	154	31
4 ha and Under 5 ha	31		31		61		61	
5 ha and Under 10 ha	31		61		31			
10 ha and over								
Total	12,637	3,936	11,469	1,753	8,363	1,414	5,104	922

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

Total area of holding	Total area of holdings (ha)	Area (ha) of holdings by holder's age and sex							
		All ages		Under 15 Years		15 - 24 Years		25 - 34 Years	
		Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	102.5	51.6	50.9					2.0	24.1
Holding with land	44,017.6	39,216.9	4,800.7			1,189.8	255.8	5,569.8	1,329.1
Under 0.1 ha	492.0	262.6	229.5			19.2	19.1	40.9	87.1
0.1 ha and Under 0.2 ha	1,090.6	782.0	308.6			27.1	42.8	166.0	124.5
0.2 ha and Under 0.5 ha	5,167.7	3,846.8	1,320.9			214.3	126.7	736.0	457.0
0.5 ha and Under 1 ha	10,501.8	8,975.5	1,526.3			371.6	67.2	1,526.9	370.4
1 ha and Under 2 ha	15,214.4	14,088.6	1,125.8			436.6		1,597.1	290.1
2 ha and Under 3 ha	7,259.2	7,188.7	70.5					1,266.4	
3 ha and Under 4 ha	2,587.9	2,368.8	219.1			121.1		94.5	
4 ha and Under 5 ha	925.2	925.2						142.1	
5 ha and Under 10 ha	778.8	778.8							
10 ha and over									
Total	44,120.1	39,268.5	4,851.6			1,189.8	255.8	5,571.8	1,353.2

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

Total area of holding	Area (ha) of holdings by holder's age and sex							
	35 - 44 Years		45 - 54 Years		55 - 64 Years		65 Years and over	
	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	3.3	3.9	23.3	1.1	21.3	21.9	1.7	
Holding with land	9,578.8	1,481.4	10,503.7	671.4	7,825.2	593.5	4,549.6	469.5
Under 0.1 ha	80.3	58.1	58.8	33.5	31.1	19.2	32.3	12.6
0.1 ha and Under 0.2 ha	219.1	74.0	175.4	29.6	135.0	24.5	59.4	13.2
0.2 ha and Under 0.5 ha	1,091.9	366.3	724.1	104.5	689.0	166.0	391.5	100.5
0.5 ha and Under 1 ha	2,174.1	507.8	2,267.1	261.5	1,637.1	200.7	998.7	118.7
1 ha and Under 2 ha	3,816.5	475.2	3,890.7	171.9	2,895.8	70.7	1,451.9	117.9
2 ha and Under 3 ha	1,521.0		1,830.6	70.5	1,763.6		807.1	
3 ha and Under 4 ha	391.3		1,040.8		192.0	112.5	529.1	106.7
4 ha and Under 5 ha	128.5		125.0		250.2		279.5	
5 ha and Under 10 ha	156.1		391.2		231.6			
10 ha and over								
Total	9,582.1	1,485.2	10,526.9	672.5	7,846.6	615.4	4,551.3	469.5

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

Total area of holding	Total number of holdings	Farm population							
		All Ages		Under 15 Years		15 - 24 Years		25 - 34 Years	
		Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	1,322	2,614	2,737	861	769	584	492	338	646
Holding with land	60,111	174,368	167,357	61,402	54,269	38,342	37,020	22,753	26,258
Under 0.1 ha	9,163	20,355	20,601	7,472	6,672	4,120	4,212	2,521	3,782
0.1 ha and Under 0.2 ha	7,010	17,587	16,235	6,580	5,289	3,505	3,382	2,521	2,675
0.2 ha and Under 0.5 ha	14,666	37,665	37,512	13,806	13,283	7,748	7,718	5,135	6,395
0.5 ha and Under 1 ha	14,359	44,584	41,755	15,589	13,621	10,270	9,255	5,350	5,780
1 ha and Under 2 ha	10,731	35,759	34,345	11,838	10,362	8,394	8,240	4,489	4,920
2 ha and Under 3 ha	3,075	12,637	11,438	4,182	3,413	2,921	2,583	1,845	1,906
3 ha and Under 4 ha	769	3,321	3,536	953	1,107	922	1,076	584	369
4 ha and Under 5 ha	215	1,783	1,507	769	461	277	400	277	307
5 ha and Under 10 ha	123	676	430	215	61	184	154	31	123
10 ha and over									
Total	61,433	176,981	170,094	62,263	55,038	38,926	37,512	23,091	26,904

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

Total area of holding	Farm population							
	35 - 44 Years		45 - 54 Years		55 - 64 Years		65 Years and over	
	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	400	400	246	184	92	154	92	92
Holding with land	19,002	20,355	13,959	12,699	10,362	9,993	8,548	6,764
Under 0.1 ha	3,013	2,767	1,537	1,353	799	1,076	892	738
0.1 ha and Under 0.2 ha	1,968	2,091	1,445	1,261	984	861	584	676
0.2 ha and Under 0.5 ha	4,028	4,335	2,767	2,245	2,368	2,245	1,814	1,291
0.5 ha and Under 1 ha	4,643	5,196	3,536	3,444	2,737	2,644	2,460	1,814
1 ha and Under 2 ha	3,690	4,305	3,259	2,921	2,337	2,122	1,753	1,476
2 ha and Under 3 ha	1,107	1,230	984	1,107	892	676	707	523
3 ha and Under 4 ha	215	277	338	277	123	246	184	184
4 ha and Under 5 ha	215	123	31	31	92	123	123	61
5 ha and Under 10 ha	123	31	61	61	31		31	
10 ha and over								
Total	19,402	20,754	14,205	12,883	10,454	10,147	8,640	6,857

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Table 29. Educational level of holders

Total area of holding	Total		Level of education							
			Upto 5 class		6 - 10 class		SLC		Intermediate level / 10+2	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	738	584	31	61	215	31				
Holding with land	46,828	13,283	7,502	1,414	9,685	3,044	1,722	523	1,230	277
Under 0.1 ha	4,797	4,366	553	492	1,384	1,076	277	307	338	184
0.1 ha and Under 0.2 ha	5,073	1,937	984	246	1,138	584	215	31	246	31
0.2 ha and Under 0.5 ha	10,915	3,751	1,845	307	1,999	769	492	92	277	61
0.5 ha and Under 1 ha	12,114	2,245	2,122	246	2,029	492	246	31	184	
1 ha and Under 2 ha	9,839	892	1,322	123	2,122	123	307	61	154	
2 ha and Under 3 ha	3,044	31	430		799		123		31	
3 ha and Under 4 ha	707	61	215		92		31			
4 ha and Under 5 ha	215		31		61		31			
5 ha and Under 10 ha	123				61					
10 ha and over										
Total	47,566	13,867	7,533	1,476	9,901	3,075	1,722	523	1,230	277

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Table 29. Educational level of holder (Continued)

Total area of holding	Level of education									
	Bachelor's level		Master's level		Professional Degree		Literate (non-formal education)		Illiterate	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land			31				154	184	307	307
Holding with land	400	61	92		31	61	9,439	3,198	16,727	4,704
Under 0.1 ha	154	61	61		31	61	892	984	1,107	1,199
0.1 ha and Under 0.2 ha							1,015	430	1,476	615
0.2 ha and Under 0.5 ha	31						2,152	799	4,120	1,722
0.5 ha and Under 1 ha	154						2,706	523	4,674	953
1 ha and Under 2 ha	31		31				1,937	400	3,936	184
2 ha and Under 3 ha							584	31	1,076	
3 ha and Under 4 ha	31						61	31	277	31
4 ha and Under 5 ha							61		31	
5 ha and Under 10 ha							31		31	
10 ha and over										
Total	400	61	123		31	61	9,593	3,382	17,034	5,012

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Table 30. Educational level of farm population other than holder

Total area of hoding	Total		Level of education							
			Upto 5 class		6 - 10 class		SLC		Intermediate level / 10+2	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	1,753	1,968	492	523	400	400	123		61	154
Holding with land	110,659	139,254	45,291	38,926	32,254	25,889	5,412	4,797	4,305	3,936
Under 0.1 ha	13,836	14,759	5,473	4,920	4,458	3,628	799	769	892	922
0.1 ha and Under 0.2 ha	10,639	12,822	4,182	4,028	3,966	2,737	492	492	369	369
0.2 ha and Under 0.5 ha	23,030	30,348	9,839	9,439	6,795	5,688	1,107	892	769	892
0.5 ha and Under 1 ha	28,134	35,667	11,776	9,808	7,379	6,088	1,138	1,138	1,076	738
1 ha and Under 2 ha	22,323	30,686	8,978	7,687	6,949	5,196	1,107	1,076	646	646
2 ha and Under 3 ha	8,425	10,085	3,505	1,783	1,660	1,660	369	338	277	277
3 ha and Under 4 ha	2,337	3,198	707	922	707	523	184	31	154	61
4 ha and Under 5 ha	1,384	1,291	646	307	184	307	154	31	123	
5 ha and Under 10 ha	553	400	184	31	154	61	61	31		31
10 ha and over										
Total	112,412	141,222	45,783	39,449	32,654	26,289	5,535	4,797	4,366	4,089

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

Total area of holding	Level of education									
	Bachelor's level		Master's level		Professional Degree		Literate (non-formal education)		Illiterate	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	31						246	154	400	738
Holding with land	922	523	338	61	123	92	4,950	14,021	17,065	51,010
Under 0.1 ha	338	215	154		61	61	615	1,230	1,045	3,013
0.1 ha and Under 0.2 ha	61	61	61	31	31		307	1,384	1,168	3,720
0.2 ha and Under 0.5 ha	184	92	61				799	3,290	3,474	10,054
0.5 ha and Under 1 ha	92	123	31		31		1,384	3,597	5,227	14,174
1 ha and Under 2 ha	92		31	31		31	1,107	3,259	3,413	12,760
2 ha and Under 3 ha	154	31					584	707	1,876	5,289
3 ha and Under 4 ha							31	277	553	1,384
4 ha and Under 5 ha							92	184	184	461
5 ha and Under 10 ha							31	92	123	154
10 ha and over										
Total	953	523	338	61	123	92	5,196	14,174	17,464	51,748

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Table 31. Occupational distribution of holder

Total area of holding	Total		Main occupation											
			Armed forces		Managers		Professionals		Technicians and associate		Clerical support workers		Service and sales workers	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	738	584							31				61	31
Holding with land	46,828	13,283	277		307	61	523	123	400	61	400		707	123
Under 0.1 ha	4,797	4,366	61				154	31	123	31	61		123	61
0.1 ha and Under 0.2 ha	5,073	1,937	61		92	31	61		92		154		92	31
0.2 ha and Under 0.5 ha	10,915	3,751	61		123		92	92	123	31	31		277	31
0.5 ha and Under 1 ha	12,114	2,245	31		61	31	92		31		92		92	
1 ha and Under 2 ha	9,839	892	61				123		31		31		31	
2 ha and Under 3 ha	3,044	31			31						31		92	
3 ha and Under 4 ha	707	61												
4 ha and Under 5 ha	215													
5 ha and Under 10 ha	123													
10 ha and over														
Total	47,566	13,867	277		307	61	523	123	430	61	400		769	154

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BANKE

Table 31. Occupational distribution of holder (Continued)

Total area of holding	Main occupation													
	Skilled agriculture, forestry and fishery		Craft and related trade workers		Plants and machine operators and		Unskilled worker at elementary		Household chores		Student		Not working	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	277	430	154	31	61		123		31	61				31
Holding with land	37,450	10,639	2,429	154	523		1,015		1,906	1,999	307	31	584	92
Under 0.1 ha	2,552	3,259	799	61	123		246		307	892	154	31	92	
0.1 ha and Under 0.2 ha	3,105	1,630	553	31	123		215		492	215			31	
0.2 ha and Under 0.5 ha	8,548	2,982	369	61	154		307		553	492	92		184	61
0.5 ha and Under 1 ha	10,669	1,937	369		61		184		307	277	31		92	
1 ha and Under 2 ha	8,855	738	246		61		61		154	123	31		154	31
2 ha and Under 3 ha	2,706	31	92						61				31	
3 ha and Under 4 ha	707	61												
4 ha and Under 5 ha	184								31					
5 ha and Under 10 ha	123													
10 ha and over														
Total	37,727	11,069	2,583	184	584		1,138		1,937	2,060	307	31	584	123

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BANKE

Table 32. Occupational distribution of farm population other than holder

Total area of hoding	Total		Main occupation											
			Armed forces		Managers		Professionals		Technicians and associate		Clerical support workers		Service and sales workers	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	1,414	1,814	31		31									
Holding with land	90,674	120,621	1,691	215	277	523	523	277	646	492	676	307	2,614	676
Under 0.1 ha	10,946	12,360	338	61	61	31	154	61	154	123	215	61	92	123
0.1 ha and Under 0.2 ha	8,886	10,977	400	31				31	61				215	92
0.2 ha and Under 0.5 ha	18,295	25,612	400	31	61	123	184		123	154	31	31	461	184
0.5 ha and Under 1 ha	22,907	31,301	215	31	92	184	184	92	215	61	307	61	953	123
1 ha and Under 2 ha	18,817	27,150	307	31	61	154		61	92	31	92	154	461	154
2 ha and Under 3 ha	7,195	8,978	31	31		31		31		92	31		400	
3 ha and Under 4 ha	2,060	2,706								31			31	
4 ha and Under 5 ha	1,107	1,168												
5 ha and Under 10 ha	461	369												
10 ha and over														
Total	92,088	122,436	1,722	215	307	523	523	277	646	492	676	307	2,614	676

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BANKE

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

Total area of holding	Main occupation													
	Skilled agriculture, forestry and fishery worker		Craft and related trade workers		Plants and machine operators and assemblers		Unskilled worker at elementary occupation		Household chores		Student		Not working	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	92	184	338	31	31		184	31	31	922	553	615	123	31
Holding with land	21,954	25,551	7,964	1,138	1,261	123	5,596	799	3,843	54,607	39,510	32,162	4,120	3,751
Under 0.1 ha	1,015	1,599	1,691	430	277	31	676	184	246	4,458	5,504	4,827	523	369
0.1 ha and Under 0.2 ha	1,291	2,060	922	61	154	31	523	61	461	4,797	4,674	3,382	184	430
0.2 ha and Under 0.5 ha	3,751	5,811	1,660	338	400		1,599	92	769	11,376	7,841	6,949	1,015	523
0.5 ha and Under 1 ha	5,657	6,611	1,537	184	123	31	1,291	369	1,168	14,205	9,870	8,240	1,291	1,107
1 ha and Under 2 ha	5,903	6,672	1,476	123	184	31	1,107	61	646	12,729	7,656	6,088	830	861
2 ha and Under 3 ha	2,521	1,753	461		61		338	31	492	4,766	2,706	1,906	154	338
3 ha and Under 4 ha	1,138	615	61		31		31		61	1,568	615	369	92	123
4 ha and Under 5 ha	461	277	123		31		31			615	430	277	31	
5 ha and Under 10 ha	215	154	31							92	215	123		
10 ha and over														
Total	22,046	25,735	8,302	1,168	1,291	123	5,780	830	3,874	55,530	40,064	32,777	4,243	3,782

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 FAO Statistical Development Series 11 – A system of integrated agricultural censuses and surveys; Volume 1, World Programme for the Census of Agriculture 2010. 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
- (b) Non Agricultural land
 - Forest and other wooded land
 - All other land
- (c) Ponds

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.

