

National Sample Census of Agriculture

Nepal

2011/12

Mugu

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											
Holding with land	9,174	932.2	5,286.5	6,218.6	46,281	5.0	66	2,321	3,599	2,865	323
Under 0.1 ha	66	0.3	2.8	3.2	103	1.6	44	22			
0.1 ha and Under 0.2 ha	477	14.6	58.1	72.8	1,535	3.2	7	301	162	7	
0.2 ha and Under 0.5 ha	3,063	219.4	874.7	1,094.1	12,163	4.0	7	1,271	1,454	331	
0.5 ha and Under 1 ha	3,886	479.9	2,291.9	2,771.9	20,507	5.3	7	654	1,616	1,572	37
1 ha and Under 2 ha	1,587	204.7	1,838.6	2,043.2	11,091	7.0		73	367	903	242
2 ha and Under 3 ha	88	13.2	196.1	209.3	837	9.5				44	44
3 ha and Under 4 ha	7		24.2	24.2	44	6.0				7	
4 ha and Under 5 ha											
5 ha and Under 10 ha											
10 ha and over											
Total	9,174	932.2	5,286.5	6,218.6	46,281	5.0	66	2,321	3,599	2,865	323

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.

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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												
Holding with land	9,174	6,218.6	8,351	5,652.2					823	468.2	98.2	0.1
Under 0.1 ha	66	3.2	66	3.2								
0.1 ha and under 0.2 ha	477	72.8	448	68.1					29	2.2	2.5	
0.2 ha and under 0.5 ha	3,063	1,094.1	2,798	997.4					264	70.1	26.5	0.1
0.5 ha and under 1 ha	3,886	2,771.9	3,496	2,496.6					389	227.7	47.5	
1 ha and under 2 ha	1,587	2,043.2	1,447	1,853.4					140	168.2	21.7	
2 ha and under 3 ha	88	209.3	88	209.3								
3 ha and under 4 ha	7	24.2	7	24.2								
4 ha and under 5 ha												
5 ha and under 10 ha												
10 ha and over												
Total	9,174	6,218.6	8,351	5,652.2					823	468.2	98.2	0.1

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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 production		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															
Holding with land	9,174														
Under 0.1 ha	66														
0.1 ha and under 0.2 ha	477														
0.2 ha and under 0.5 ha	3,063														
0.5 ha and under 1 ha	3,886														
1 ha and under 2 ha	1,587														
2 ha and under 3 ha	88														
3 ha and under 4 ha	7														
4 ha and under 5 ha															
5 ha and under 10 ha															
10 ha and over															
Total	9,174														

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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															
Holding with land	9,174	815	98.2	37	3.4	7	0.9	213	28.8	37	3.1	558	61.0	7	0.9
Under 0.1 ha	66														
0.1 ha and under 0.2 ha	477	29	2.5					15	1.4			15	1.0		
0.2 ha and under 0.5 ha	3,063	257	26.5	22	1.9	7	0.9	51	7.1	15	0.8	169	15.9		
0.5 ha and under 1 ha	3,886	389	47.5	15	1.5			88	10.7	22	2.4	286	33.0		
1 ha and under 2 ha	1,587	140	21.7					59	9.6			88	11.2	7	0.9
2 ha and under 3 ha	88														
3 ha and under 4 ha	7														
4 ha and under 5 ha															
5 ha and under 10 ha															
10 ha and over															
Total	9,174	815	98.2	37	3.4	7	0.9	213	28.8	37	3.1	558	61.0	7	0.9

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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										
Holding with land	9,174	6,218.6	9,174	5,646.1	316	30.6	1,469	177.0	9,174	5,853.8
Under 0.1 ha	66	3.2	66	2.3					66	2.3
0.1 ha and under 0.2 ha	477	72.8	477	64.6	7	0.0	22	0.4	477	65.0
0.2 ha and under 0.5 ha	3,063	1,094.1	3,063	1,004.6	88	4.6	316	15.2	3,063	1,024.4
0.5 ha and under 1 ha	3,886	2,771.9	3,886	2,541.0	118	10.1	610	59.0	3,886	2,610.1
1 ha and under 2 ha	1,587	2,043.2	1,587	1,832.9	95	10.7	492	86.6	1,587	1,930.2
2 ha and under 3 ha	88	209.3	88	182.0			29	15.9	88	197.8
3 ha and under 4 ha	7	24.2	7	18.7	7	5.2			7	24.0
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	9,174	6,218.6	9,174	5,646.1	316	30.6	1,469	177.0	9,174	5,853.8

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

Total area of holding	Agricultural land						Ponds		All other land	
	Crop land		Permanent meadows and pasture		Forest and other Woodland					
	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										
Holding with land	1,880	123.9	404	40.1	213	15.1			9,152	185.7
Under 0.1 ha	15	0.1							66	0.7
0.1 ha and under 0.2 ha	29	1.0							477	6.8
0.2 ha and under 0.5 ha	426	13.0	51	2.4	44	0.9			3,056	53.5
0.5 ha and under 1 ha	859	52.9	220	18.9	125	7.9			3,878	82.1
1 ha and under 2 ha	507	47.8	125	18.4	44	6.4			1,579	40.5
2 ha and under 3 ha	44	9.1	7	0.4					88	2.0
3 ha and under 4 ha									7	0.2
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	1,880	123.9	404	40.1	213	15.1			9,152	185.7

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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)								
Holding without land																
Holding with land	9,174	6,218.6	4,877	950.9	2,945	585.1			1,565	290.9			455	74.8		
Under 0.1 ha	66	3.2	22	0.5									22	0.5		
0.1 ha and under 0.2 ha	477	72.8	250	16.5	118	11.2			29	0.9			110	4.3		
0.2 ha and under 0.5 ha	3,063	1,094.1	1,645	226.2	1,153	165.2			448	54.6			81	6.4		
0.5 ha and under 1 ha	3,886	2,771.9	2,181	476.8	1,300	294.1			793	165.2			125	17.5		
1 ha and under 2 ha	1,587	2,043.2	712	212.2	367	113.8			250	63.4			103	35.1		
2 ha and under 3 ha	88	209.3	66	18.6	7	0.9			44	6.8			15	10.9		
3 ha and under 4 ha	7	24.2														
4 ha and under 5 ha																
5 ha and under 10 ha																
10 ha and over																
Total	9,174	6,218.6	4,877	950.9	2,945	585.1			1,565	290.9			455	74.8		

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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														
Holding with land	9,174	6,218.6	4,877	950.9	4,877	950.9								
Under 0.1 ha	66	3.2	22	0.5	22	0.5								
0.1 ha and under 0.2 ha	477	72.8	250	16.5	250	16.5								
0.2 ha and under 0.5 ha	3,063	1,094.1	1,645	226.2	1,645	226.2								
0.5 ha and under 1 ha	3,886	2,771.9	2,181	476.8	2,181	476.8								
1 ha and under 2 ha	1,587	2,043.2	712	212.2	712	212.2								
2 ha and under 3 ha	88	209.3	66	18.6	66	18.6								
3 ha and under 4 ha	7	24.2												
4 ha and under 5 ha														
5 ha and under 10 ha														
10 ha and over														
Total	9,174	6,218.6	4,877	950.9	4,877	950.9								

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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												
Holding with land	9,174	8,630.4	9,159	7,609.2	1,785	117.9	5,009	896.8	81	4.5	22	2.0
Under 0.1 ha	66	4.0	59	2.9	15	0.1	29	1.0				
0.1 ha and under 0.2 ha	477	109.0	477	92.1	29	1.0	279	15.8				
0.2 ha and under 0.5 ha	3,063	1,657.4	3,056	1,417.2	411	12.9	1,741	227.2	15	0.2		
0.5 ha and under 1 ha	3,886	3,956.4	3,886	3,517.4	801	49.7	2,130	386.1	51	2.8	7	0.4
1 ha and under 2 ha	1,587	2,588.0	1,587	2,275.5	485	45.2	793	264.4	15	1.5	15	1.6
2 ha and under 3 ha	88	292.1	88	281.1	44	9.1	29	1.9				
3 ha and under 4 ha	7	23.4	7	22.9			7	0.5				
4 ha and under 5 ha												
5 ha and under 10 ha												
10 ha and over												
Total	9,174	8,630.4	9,159	7,609.2	1,785	117.9	5,009	896.8	81	4.5	22	2.0

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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																
Holding with land	9,152	6,800.3	6,126	867.0	6,214	449.1	397	18.6	389	9.7	6,287	151.0	5,781	210.8		
Under 0.1 ha	51	1.9	15	0.3	51	0.6					44	0.2	59	0.9		
0.1 ha and Under 0.2 ha	470	78.3	338	9.9	353	7.2	7	0.0	15	0.1	338	6.3	345	6.1		
0.2 ha and under 0.5 ha	3,063	1,342.9	1,991	144.2	1,961	70.1	154	3.8	176	2.8	2,086	38.9	1,917	41.8		
0.5 ha and under 1 ha	3,886	3,152.9	2,615	385.3	2,593	189.4	184	11.4	162	4.7	2,659	65.6	2,490	94.1		
1 ha and under 2 ha	1,587	1,999.4	1,109	272.5	1,183	165.6	51	3.3	29	2.1	1,087	38.0	925	59.5		
2 ha and under 3 ha	88	207.7	51	50.2	66	15.6					66	1.6	37	8.0		
3 ha and under 4 ha	7	17.1	7	4.7	7	0.7			7	0.1	7	0.4	7	0.4		
4 ha and under 5 ha																
5 ha and under 10 ha																
10 ha and over																
Total	9,152	6,800.3	6,126	867.0	6,214	449.1	397	18.6	389	9.7	6,287	151.0	5,781	210.8		

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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																		
Holding with land	176	18.0	4,576	894.7	3,261	482.5	7,396	2,205.4	4,671	324.6	7,095	1,396.2	4,840	975.1	808	99.5	2,652	404.3
Under 0.1 ha			7	0.2	15	0.5	15	0.7	37	0.3			7	0.2	7	0.1		
0.1 ha and Under 0.2 ha			250	15.3	147	7.6	397	31.1	169	3.6	301	12.5	110	5.2	29	0.3	125	2.8
0.2 ha and under 0.5 ha	22	1.6	1,601	216.2	1,043	95.4	2,608	527.5	1,506	69.8	2,292	259.4	1,197	115.1	169	9.9	668	48.0
0.5 ha and under 1 ha	103	9.7	2,027	461.5	1,440	227.7	3,136	1,040.8	2,079	143.6	3,063	603.9	2,255	423.7	353	51.7	1,219	190.3
1 ha and under 2 ha	44	6.2	632	185.0	588	141.9	1,153	529.3	815	101.2	1,344	464.3	1,190	385.9	242	36.6	602	149.0
2 ha and under 3 ha	7	0.5	59	16.6	22	5.5	81	71.4	66	6.1	88	48.6	81	45.0	7	0.9	29	13.3
3 ha and under 4 ha					7	4.1	7	4.7			7	7.5					7	0.9
4 ha and under 5 ha																		
5 ha and under 10 ha																		
10 ha and over																		
Total	176	18.0	4,576	894.7	3,261	482.5	7,396	2,205.4	4,671	324.6	7,095	1,396.2	4,840	975.1	808	99.5	2,652	404.3

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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	1,770	51.9	742	43.4					51	1.9	7	0.1	132	4.8			162	8.7	22	2.8	5,222	753.3
Under 0.1 ha	15	0.2																			7	0.1
0.1 ha and Under 0.2 ha	228	3.3																			169	6.6
0.2 ha and under 0.5 ha	698	14.8	250	9.6					22	0.6			44	1.5			37	0.7			1,675	117.1
0.5 ha and under 1 ha	588	19.3	419	25.6					15	0.7	7	0.1	59	1.5			66	3.7	22	2.8	2,321	331.5
1 ha and under 2 ha	242	14.5	73	8.1					15	0.6			29	1.8			59	4.3			992	243.1
2 ha and under 3 ha																					51	50.2
3 ha and under 4 ha																					7	4.7
4 ha and under 5 ha																						
5 ha and under 10 ha																						
10 ha and over																						
Total	1,770	51.9	742	43.4					51	1.9	7	0.1	132	4.8			162	8.7	22	2.8	5,222	753.3

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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								
Holding with land	6,148	437.3	7	0.9	37	0.8	206	10.0
Under 0.1 ha	51	0.6						
0.1 ha and Under 0.2 ha	345	7.0					15	0.3
0.2 ha and under 0.5 ha	1,946	69.1			7	0.0	51	0.9
0.5 ha and under 1 ha	2,571	184.3	7	0.9	22	0.3	95	3.8
1 ha and under 2 ha	1,161	160.1			7	0.5	44	5.0
2 ha and under 3 ha	66	15.6						
3 ha and under 4 ha	7	0.7						
4 ha and under 5 ha								
5 ha and under 10 ha								
10 ha and over								
Total	6,148	437.3	7	0.9	37	0.8	206	10.0

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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	294	15.6	22	1.2	29	0.5	44	0.8	7	0.5		
Under 0.1 ha												
0.1 ha and Under 0.2 ha			7	0.0								
0.2 ha and under 0.5 ha	125	3.2			7	0.0	15	0.1	7	0.5		
0.5 ha and under 1 ha	132	9.7	15	1.2	15	0.2	22	0.4				
1 ha and under 2 ha	37	2.8			7	0.3	7	0.2				
2 ha and under 3 ha												
3 ha and under 4 ha												
4 ha and under 5 ha												
5 ha and under 10 ha												
10 ha and over												
Total	294	15.6	22	1.2	29	0.5	44	0.8	7	0.5		

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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	7	0.5			338	7.4	44	1.8
Under 0.1 ha								
0.1 ha and Under 0.2 ha					15	0.1		
0.2 ha and under 0.5 ha					154	2.4	22	0.4
0.5 ha and under 1 ha	7	0.5			140	4.0	15	0.2
1 ha and under 2 ha					22	0.9	7	1.2
2 ha and under 3 ha								
3 ha and under 4 ha					7	0.1		
4 ha and under 5 ha								
5 ha and under 10 ha								
10 ha and over								
Total	7	0.5			338	7.4	44	1.8

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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														
Holding with land	4,870	66.9	1,212	20.0	3,034	53.9			44	0.5	933	9.8		
Under 0.1 ha	37	0.1			15	0.1								
0.1 ha and Under 0.2 ha	294	2.7	51	0.6	125	2.4					44	0.6		
0.2 ha and under 0.5 ha	1,763	19.3	360	3.8	948	11.5			7	0.0	382	4.3		
0.5 ha and under 1 ha	1,998	29.9	477	8.2	1,337	23.2			29	0.5	382	3.8		
1 ha and under 2 ha	720	13.6	308	7.1	588	16.5			7	0.0	118	0.9		
2 ha and under 3 ha	51	1.0	7	0.2	22	0.3					7	0.2		
3 ha and under 4 ha	7	0.2	7	0.2										
4 ha and under 5 ha														
5 ha and under 10 ha														
10 ha and over														
Total	4,870	66.9	1,212	20.0	3,034	53.9			44	0.5	933	9.8		

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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								
Holding with land	933	19.0	845	12.7	925	9.3	5,377	169.8
Under 0.1 ha	15	0.1	7	0.0	15	0.1	59	0.7
0.1 ha and Under 0.2 ha	22	0.1	51	0.3	73	0.3	316	5.4
0.2 ha and under 0.5 ha	184	2.1	220	3.0	279	1.5	1,822	35.2
0.5 ha and under 1 ha	485	9.5	419	6.4	411	3.7	2,284	74.5
1 ha and under 2 ha	206	6.2	147	2.9	132	3.6	859	46.7
2 ha and under 3 ha	15	0.8			15	0.2	29	7.1
3 ha and under 4 ha	7	0.1					7	0.3
4 ha and under 5 ha								
5 ha and under 10 ha								
10 ha and over								
Total	933	19.0	845	12.7	925	9.3	5,377	169.8

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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												
Holding with land	9,174	6,218.6	6,449	123.9	1,520	52.4	29,990	1,528	71.6	111,094	19,714	18,745
under 0.1 ha	66	3.2	44	0.1	7	0.0	29	7	0.0	110	103	95
0.1 ha and under 0.2 ha	477	72.8	308	1.0	37	1.0	815				602	970
0.2 ha and under 0.5 ha	3,063	1,094.1	1,924	13.0	382	7.3	5,560	250	5.7	4,995	4,862	5,244
0.5 ha and under 1 ha	3,886	2,771.9	2,865	52.9	698	23.8	12,619	757	29.1	82,089	9,064	9,409
1 ha and under 2 ha	1,587	2,043.2	1,227	47.8	345	17.2	9,328	470	30.6	19,207	4,877	2,776
2 ha and under 3 ha	88	209.3	73	9.1	51	3.0	1,638	44	6.1	4,694	206	228
3 ha and under 4 ha	7	24.2	7									22
4 ha and under 5 ha												
5 ha and under 10 ha												
10 ha and over												
Total	9,174	6,218.6	6,449	123.9	1,520	52.4	29,990	1,528	71.6	111,094	19,714	18,745

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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	316	0.9	44	0.7	602	7	0.2	73	448	191
under 0.1 ha	7								7	
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	37	0.0	7	0.0	73				66	22
0.5 ha and under 1 ha	162	0.7	37	0.7	529				169	125
1 ha and under 2 ha	110	0.2				7	0.2	73	206	44
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	316	0.9	44	0.7	602	7	0.2	73	448	191

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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	15								15	22
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	7								7	
1 ha and under 2 ha	7								7	22
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	15								15	22

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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	441	0.4	59	0.3	448	15	0.1	88	595	544
under 0.1 ha										
0.1 ha and under 0.2 ha	15								15	
0.2 ha and under 0.5 ha	140	0.2	29	0.2	250				206	184
0.5 ha and under 1 ha	242	0.2	29	0.2	198	15	0.1	88	301	308
1 ha and under 2 ha	44								73	51
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	441	0.4	59	0.3	448	15	0.1	88	595	544

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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										
Holding with land	169	0.1	22	0.1	169	7	0.0	95	286	162
under 0.1 ha										
0.1 ha and under 0.2 ha	15								15	
0.2 ha and under 0.5 ha	59	0.1	22	0.1	169	7	0.0	95	73	51
0.5 ha and under 1 ha	73								154	73
1 ha and under 2 ha	22								44	37
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	169	0.1	22	0.1	169	7	0.0	95	286	162

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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	15								22	
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	7								15	
1 ha and under 2 ha	7								7	
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	15								22	

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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	639	0.7	29	0.3	184	15	0.4	184	1,249	676
under 0.1 ha										
0.1 ha and under 0.2 ha	44								66	66
0.2 ha and under 0.5 ha	250	0.1	7	0.1	73				338	286
0.5 ha and under 1 ha	220	0.1	15	0.1	37				441	184
1 ha and under 2 ha	125	0.6	7	0.2	73	15	0.4	184	404	140
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	639	0.7	29	0.3	184	15	0.4	184	1,249	676

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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										
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 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										
Holding with land	970	2.0	118	1.2	1,381	125	0.8	1,227	2,431	2,556
under 0.1 ha	7	0.0				7	0.0	110	59	37
0.1 ha and under 0.2 ha	66								118	29
0.2 ha and under 0.5 ha	514	0.8	51	0.5	485	51	0.3	294	1,249	1,006
0.5 ha and under 1 ha	323	1.1	59	0.7	808	59	0.4	712	808	1,300
1 ha and under 2 ha	59	0.1	7	0.0	88	7	0.0	110	198	184
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	970	2.0	118	1.2	1,381	125	0.8	1,227	2,431	2,556

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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										
Holding with land	22							29	7	
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	7							7	7	
0.5 ha and under 1 ha										
1 ha and under 2 ha	15							22		
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	22							29	7	

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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										
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 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 71. 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										
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 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	4,018	109.9	948	44.6	25,003	1,183	65.2	101,421	6,655	11,172
under 0.1 ha	15									37
0.1 ha and under 0.2 ha	184	0.9	29	0.9	742				140	823
0.2 ha and under 0.5 ha	984	10.6	169	5.3	4,113	184	5.3	4,532	779	2,828
0.5 ha and under 1 ha	1,910	48.0	411	20.3	10,239	573	27.7	75,331	3,511	5,619
1 ha and under 2 ha	852	43.2	308	16.7	8,990	389	26.5	17,085	2,130	1,638
2 ha and under 3 ha	66	7.2	29	1.5	918	37	5.7	4,473	95	213
3 ha and under 4 ha	7									15
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	4,018	109.9	948	44.6	25,003	1,183	65.2	101,421	6,655	11,172

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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	44	0.0				7	0.0	1,175	22	51
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	7								15	7
0.5 ha and under 1 ha	29	0.0				7	0.0	1,175	7	37
1 ha and under 2 ha	7									7
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	44	0.0				7	0.0	1,175	22	51

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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	1,946	1.6	103	1.4	720	37	0.2	2,394	3,680	1,418
under 0.1 ha	29								37	15
0.1 ha and under 0.2 ha	81								140	37
0.2 ha and under 0.5 ha	595	0.5	37	0.5	184				977	485
0.5 ha and under 1 ha	925	1.0	59	0.8	441	29	0.2	2,321	1,866	624
1 ha and under 2 ha	294	0.2	7	0.1	95	7	0.1	73	610	250
2 ha and under 3 ha	15								51	
3 ha and under 4 ha	7									7
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	1,946	1.6	103	1.4	720	37	0.2	2,394	3,680	1,418

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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										
Holding with land	7							7		
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	7							7		
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	7							7		

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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										
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 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	1,704	7.7	147	3.3	1,329	110	4.4	2,519	2,519	1,396
under 0.1 ha	15	0.0	7	0.0	29					7
0.1 ha and under 0.2 ha	44	0.1	7	0.1	73				37	7
0.2 ha and under 0.5 ha	522	0.6	37	0.5	125	7	0.1	73	720	286
0.5 ha and under 1 ha	735	1.6	66	1.0	308	51	0.6	544	1,065	764
1 ha and under 2 ha	353	3.5	7	0.2	73	44	3.4	1,682	676	316
2 ha and under 3 ha	37	1.9	22	1.5	720	7	0.4	220	22	15
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	1,704	7.7	147	3.3	1,329	110	4.4	2,519	2,519	1,396

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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										
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 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										
Holding with land	911	0.5	51	0.3	154	22	0.2	1,917	1,770	507
under 0.1 ha										
0.1 ha and under 0.2 ha	29								73	7
0.2 ha and under 0.5 ha	264	0.2	22	0.2	88				433	73
0.5 ha and under 1 ha	404	0.3	22	0.2	59	22	0.2	1,917	727	360
1 ha and under 2 ha	198	0.0	7	0.0	7				507	66
2 ha and under 3 ha	15								29	
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	911	0.5	51	0.3	154	22	0.2	1,917	1,770	507

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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						
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: 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	7			7		
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	7			7		
3 ha and under 4 ha						
4 ha and under 5 ha						
5 ha and under 10 ha						
10 ha and over						
Total	7			7		

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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	9,174	6,218.6	6,618	6,427	184	7	15	4,253	7	29	5,164		7	3.5	8	
under 0.1 ha	66	3.2	22	22				7			22					
0.1 ha and under 0.2 ha	477	72.8	338	331	7			235		7	257			0.2	1	
0.2 ha and under 0.5 ha	3,063	1,094.1	2,372	2,365	7		7	1,410			1,836					
0.5 ha and under 1 ha	3,886	2,771.9	2,865	2,747	110	7	7	1,902	7	15	2,211			2.2	6	
1 ha and under 2 ha	1,587	2,043.2	948	889	59			639		7	764		7	1.1	1	
2 ha and under 3 ha	88	209.3	66	66				59			66					
3 ha and under 4 ha	7	24.2	7	7							7					
4 ha and under 5 ha																
5 ha and under 10 ha																
10 ha and over																
Total	9,174	6,218.6	6,618	6,427	184	7	15	4,253	7	29	5,164		7	3.5	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 (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			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	9,174	6,218.6	4,671	4,510	162	95	1,484				4,547	7	0.4	15	
under 0.1 ha	66	3.2	37	37			7				37				
0.1 ha and under 0.2 ha	477	72.8	169	169			73				169				
0.2 ha and under 0.5 ha	3,063	1,094.1	1,506	1,498	7	37	507				1,432				
0.5 ha and under 1 ha	3,886	2,771.9	2,079	1,946	132	29	668				2,042	7	0.4	15	
1 ha and under 2 ha	1,587	2,043.2	815	793	22	22	206				801				
2 ha and under 3 ha	88	209.3	66	66		7	22				66				
3 ha and under 4 ha	7	24.2													
4 ha and under 5 ha															
5 ha and under 10 ha															
10 ha and over															
Total	9,174	6,218.6	4,671	4,510	162	95	1,484				4,547	7	0.4	15	

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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						
				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	9,174	6,218.6	7,396	7,154	242	220	3,408		7	6,853		15	0.8	2	
under 0.1 ha	66	3.2	15	15		7	7			15					
0.1 ha and under 0.2 ha	477	72.8	397	389	7	7	242			323					
0.2 ha and under 0.5 ha	3,063	1,094.1	2,608	2,571	37	110	1,227			2,328					
0.5 ha and under 1 ha	3,886	2,771.9	3,136	3,011	125	59	1,469		7	2,967		15	0.8	2	
1 ha and under 2 ha	1,587	2,043.2	1,153	1,080	73	37	404			1,131					
2 ha and under 3 ha	88	209.3	81	81			59			81					
3 ha and under 4 ha	7	24.2	7	7						7					
4 ha and under 5 ha															
5 ha and under 10 ha															
10 ha and over															
Total	9,174	6,218.6	7,396	7,154	242	220	3,408		7	6,853		15	0.8	2	

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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				
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical fertilizers	Both	Local fertilizers	Mineral/chemical fertilizers	Both	Area (ha)	Quantity (Qtl.)
Holding without land															
Holding with land	9,174	6,218.6	6,148	5,714	433	154	1,726				5,972		7	0.0	1
under 0.1 ha	66	3.2	51	44	7	7	7				44				
0.1 ha and under 0.2 ha	477	72.8	345	331	15	15	154				316		7	0.0	1
0.2 ha and under 0.5 ha	3,063	1,094.1	1,946	1,866	81	59	558				1,851				
0.5 ha and under 1 ha	3,886	2,771.9	2,571	2,321	250	51	698				2,549				
1 ha and under 2 ha	1,587	2,043.2	1,161	1,087	73	15	272				1,146				
2 ha and under 3 ha	88	209.3	66	59	7	7	37				59				
3 ha and under 4 ha	7	24.2	7	7							7				
4 ha and under 5 ha															
5 ha and under 10 ha															
10 ha and over															
Total	9,174	6,218.6	6,148	5,714	433	154	1,726				5,972		7	0.0	1

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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			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															
Holding with land	9,174	6,218.6	7	7			7				7				
under 0.1 ha	66	3.2													
0.1 ha and under 0.2 ha	477	72.8													
0.2 ha and under 0.5 ha	3,063	1,094.1													
0.5 ha and under 1 ha	3,886	2,771.9	7	7			7				7				
1 ha and under 2 ha	1,587	2,043.2													
2 ha and under 3 ha	88	209.3													
3 ha and under 4 ha	7	24.2													
4 ha and under 5 ha															
5 ha and under 10 ha															
10 ha and over															
Total	9,174	6,218.6	7	7			7				7				

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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			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															
Holding with land	9,174	6,218.6	5,781	5,164	536	81	213	1,689				5,560			
under 0.1 ha	66	3.2	59	59				22				51			
0.1 ha and under 0.2 ha	477	72.8	345	294	51		7	140				308			
0.2 ha and under 0.5 ha	3,063	1,094.1	1,917	1,800	95	22	66	558				1,829			
0.5 ha and under 1 ha	3,886	2,771.9	2,490	2,196	250	44	95	742				2,424			
1 ha and under 2 ha	1,587	2,043.2	925	786	125	15	37	220				911			
2 ha and under 3 ha	88	209.3	37	22	15		7	7				29			
3 ha and under 4 ha	7	24.2	7	7								7			
4 ha and under 5 ha															
5 ha and under 10 ha															
10 ha and over															
Total	9,174	6,218.6	5,781	5,164	536	81	213	1,689				5,560			

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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															
Holding with land	9,174	6,218.6	9,056	8,968	66	22	250	2,600				8,843			
under 0.1 ha	66	3.2	44	44				15				44			
0.1 ha and under 0.2 ha	477	72.8	470	470				213				404			
0.2 ha and under 0.5 ha	3,063	1,094.1	3,011	2,989	15	7	88	852				2,916			
0.5 ha and under 1 ha	3,886	2,771.9	3,849	3,790	44	15	118	1,080				3,805			
1 ha and under 2 ha	1,587	2,043.2	1,587	1,579	7		37	382				1,579			
2 ha and under 3 ha	88	209.3	88	88			7	59				88			
3 ha and under 4 ha	7	24.2	7	7								7			
4 ha and under 5 ha															
5 ha and under 10 ha															
10 ha and over															
Total	9,174	6,218.6	9,056	8,968	66	22	250	2,600				8,843			

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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												
Holding with land	8,309	105,784	7,984	35,167	485	2,150	2,963	5,100	3,293	39,800	1,172	21,952
Under 0.1 ha	22	42	14	21			8	8	7	14		
0.1 ha and under 0.2 ha	338	1,486	319	893			72	79	112	315	12	51
0.2 ha and under 0.5 ha	2,671	24,064	2,598	9,364	69	260	1,001	1,608	898	8,770	270	3,690
0.5 ha and under 1 ha	3,665	48,813	3,525	16,866	166	884	1,265	2,144	1,527	19,355	516	8,960
1 ha and under 2 ha	1,526	29,175	1,444	7,468	236	936	553	1,143	689	10,373	352	8,809
2 ha and under 3 ha	79	2,092	78	543	14	69	56	102	52	891	23	442
3 ha and under 4 ha	7	112	7	14			8	16	7	82		
4 ha and under 5 ha												
5 ha and under 10 ha												
10 ha and over												
Total	8,309	105,784	7,984	35,167	485	2,150	2,963	5,100	3,293	39,800	1,172	21,952

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Table 9. Number of holdings reporting different type of livestocks 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	95	469	360	639	51	147	125	331	22	29
Under 0.1 ha										
0.1 ha and under 0.2 ha	8	126	7	7	7	15				
0.2 ha and under 0.5 ha	24	144	73	110	22	81	15	29	7	7
0.5 ha and under 1 ha	40	126	110	176	15	44	88	235	15	22
1 ha and under 2 ha	24	72	154	323	7	7	15	44		
2 ha and under 3 ha			15	22			7	22		
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	95	469	360	639	51	147	125	331	22	29

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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													
Holding with land	7,984	35,167	35,167	4,177	4,177		2,336	2,336		1,841	1,841		
under 0.1 ha	14	21	21	7	7		7	7					
0.1 ha and under 0.2 ha	319	893	893	82	82		41	41		41	41		
0.2 ha and under 0.5 ha	2,598	9,364	9,364	1,079	1,079		605	605		474	474		
0.5 ha and under 1 ha	3,525	16,866	16,866	2,027	2,027		1,058	1,058		969	969		
1 ha and under 2 ha	1,444	7,468	7,468	907	907		584	584		323	323		
2 ha and under 3 ha	78	543	543	76	76		41	41		34	34		
3 ha and under 4 ha	7	14	14										
4 ha and under 5 ha													
5 ha and under 10 ha													
10 ha and over													
Total	7,984	35,167	35,167	4,177	4,177		2,336	2,336		1,841	1,841		

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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									
Holding with land	6,004	6,004		3,091	3,091		2,913	2,913	
under 0.1 ha	7	7		7	7				
0.1 ha and under 0.2 ha	151	151		82	82		69	69	
0.2 ha and under 0.5 ha	1,628	1,628		900	900		728	728	
0.5 ha and under 1 ha	2,844	2,844		1,450	1,450		1,395	1,395	
1 ha and under 2 ha	1,298	1,298		625	625		673	673	
2 ha and under 3 ha	69	69		21	21		48	48	
3 ha and under 4 ha	7	7		7	7				
4 ha and under 5 ha									
5 ha and under 10 ha									
10 ha and over									
Total	6,004	6,004		3,091	3,091		2,913	2,913	

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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	
Holding without land												
Holding with land	24,986	24,986		11,486	11,486		5,729	5,729		7,770	7,770	
Under 0.1 ha	7	7					7	7				
0.1 ha and Under 0.2 ha	660	660		295	295		151	151		213	213	
0.2 ha and Under 0.5 ha	6,657	6,657		3,195	3,195		1,484	1,484		1,979	1,979	
0.5 ha and Under 1 ha	11,995	11,995		5,510	5,510		2,830	2,830		3,655	3,655	
1 ha and Under 2 ha	5,262	5,262		2,343	2,343		1,140	1,140		1,779	1,779	
2 ha and Under 3 ha	398	398		137	137		117	117		144	144	
3 ha and Under 4 ha	7	7		7	7							
4 ha and Under 5 ha												
5 ha and Under 10 ha												
10 ha and over												
Total	24,986	24,986		11,486	11,486		5,729	5,729		7,770	7,770	

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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/Chaurri											
	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/Chaurri No. of heads
Holding without land												
Holding with land	485	2,150	121	52	69	87	52	35	1,942	850	312	780
under 0.1 ha												
0.1 ha and under 0.2 ha												
0.2 ha and under 0.5 ha	69	260							260	104		156
0.5 ha and under 1 ha	166	884	104	35	69	35	17	17	746	364	121	260
1 ha and under 2 ha	236	936	17	17		52	35	17	867	329	191	347
2 ha and under 3 ha	14	69							69	52		17
3 ha and under 4 ha												
4 ha and under 5 ha												
5 ha and under 10 ha												
10 ha and over												
Total	485	2,150	121	52	69	87	52	35	1,942	850	312	780

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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									
	No. of holdings	Number of heads			Number of heads			Male			Female		
		Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land													
Holding with land	2,963	5,100	5,100	891	891		386	386		504	504		
under 0.1 ha	8	8	8										
0.1 ha and under 0.2 ha	72	79	79										
0.2 ha and under 0.5 ha	1,001	1,608	1,608	244	244		102	102		142	142		
0.5 ha and under 1 ha	1,265	2,144	2,144	434	434		173	173		260	260		
1 ha and under 2 ha	553	1,143	1,143	189	189		95	95		95	95		
2 ha and under 3 ha	56	102	102	24	24		16	16		8	8		
3 ha and under 4 ha	8	16	16										
4 ha and under 5 ha													
5 ha and under 10 ha													
10 ha and over													
Total	2,963	5,100	5,100	891	891		386	386		504	504		

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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									
Holding with land	906	906		236	236		670	670	
under 0.1 ha									
0.1 ha and under 0.2 ha	8	8					8	8	
0.2 ha and under 0.5 ha	300	300		55	55		244	244	
0.5 ha and under 1 ha	363	363		126	126		236	236	
1 ha and under 2 ha	213	213		55	55		158	158	
2 ha and under 3 ha	16	16					16	16	
3 ha and under 4 ha	8	8					8	8	
4 ha and under 5 ha									
5 ha and under 10 ha									
10 ha and over									
Total	906	906		236	236		670	670	

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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												
Holding with land	3,303	3,303		197	197		1,458	1,458		1,647	1,647	
Under 0.1 ha	8	8								8	8	
0.1 ha and Under 0.2 ha	71	71					32	32		39	39	
0.2 ha and Under 0.5 ha	1,064	1,064		71	71		449	449		544	544	
0.5 ha and Under 1 ha	1,348	1,348		79	79		662	662		607	607	
1 ha and Under 2 ha	741	741		47	47		284	284		410	410	
2 ha and Under 3 ha	63	63					24	24		39	39	
3 ha and Under 4 ha	8	8					8	8				
4 ha and Under 5 ha												
5 ha and Under 10 ha												
10 ha and over												
Total	3,303	3,303		197	197		1,458	1,458		1,647	1,647	

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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			No. of heads			No. of heads		
		Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land													
Holding with land	3,293	39,800	39,786	14	8,468	8,462	7	4,186	4,179	7	4,282	4,282	
Under 0.1 ha	7	14	14										
0.1 ha and Under 0.2 ha	112	315	315		75	75		27	27		48	48	
0.2 ha and Under 0.5 ha	898	8,770	8,770		1,939	1,939		945	945		993	993	
0.5 ha and Under 1 ha	1,527	19,355	19,342	14	4,234	4,227	7	2,138	2,131	7	2,097	2,097	
1 ha and Under 2 ha	689	10,373	10,373		2,035	2,035		959	959		1,076	1,076	
2 ha and Under 3 ha	52	891	891		164	164		96	96		69	69	
3 ha and Under 4 ha	7	82	82		21	21		21	21				
4 ha and Under 5 ha													
5 ha and Under 10 ha													
10 ha and over													
Total	3,293	39,800	39,786	14	8,468	8,462	7	4,186	4,179	7	4,282	4,282	

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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									
Holding with land	31,332	31,325	7	7,941	7,941		23,391	23,384	7
Under 0.1 ha	14	14					14	14	
0.1 ha and Under 0.2 ha	240	240		7	7		233	233	
0.2 ha and Under 0.5 ha	6,831	6,831		1,459	1,459		5,372	5,372	
0.5 ha and Under 1 ha	15,121	15,114	7	3,439	3,439		11,682	11,675	7
1 ha and Under 2 ha	8,338	8,338		2,830	2,830		5,509	5,509	
2 ha and Under 3 ha	726	726		192	192		534	534	
3 ha and Under 4 ha	62	62		14	14		48	48	
4 ha and Under 5 ha									
5 ha and Under 10 ha									
10 ha and over									
Total	31,332	31,325	7	7,941	7,941		23,391	23,384	7

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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	1,172	21,952	21,952		4,499	4,499		2,073	2,073		2,426	2,426	
Under 0.1 ha													
0.1 ha and Under 0.2 ha	12	51	51										
0.2 ha and Under 0.5 ha	270	3,690	3,690		758	758		392	392		366	366	
0.5 ha and Under 1 ha	516	8,960	8,960		1,921	1,921		973	973		948	948	
1 ha and Under 2 ha	352	8,809	8,809		1,782	1,782		708	708		1,074	1,074	
2 ha and Under 3 ha	23	442	442		38	38					38	38	
3 ha and Under 4 ha													
4 ha and Under 5 ha													
5 ha and Under 10 ha													
10 ha and over													
Total	1,172	21,952	21,952		4,499	4,499		2,073	2,073		2,426	2,426	

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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	17,453	17,453		5,510	5,510		11,943	11,943	
Under 0.1 ha									
0.1 ha and Under 0.2 ha	51	51					51	51	
0.2 ha and Under 0.5 ha	2,932	2,932		948	948		1,984	1,984	
0.5 ha and Under 1 ha	7,039	7,039		2,123	2,123		4,916	4,916	
1 ha and Under 2 ha	7,027	7,027		2,300	2,300		4,727	4,727	
2 ha and Under 3 ha	404	404		139	139		265	265	
3 ha and Under 4 ha									
4 ha and Under 5 ha									
5 ha and Under 10 ha									
10 ha and over									
Total	17,453	17,453		5,510	5,510		11,943	11,943	

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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	95	469	325	144	180	72	108	289	253	36
Under 0.1 ha										
0.1 ha and Under 0.2 ha	8	126		126	108		108	18		18
0.2 ha and Under 0.5 ha	24	144	144		36	36		108	108	
0.5 ha and Under 1 ha	40	126	126		18	18		108	108	
1 ha and Under 2 ha	24	72	54	18	18	18		54	36	18
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	95	469	325	144	180	72	108	289	253	36

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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													
Holding with land	4,378	22,645	4,326	21,852	10,672	2,850	4,040	4,290	140	793	228	558	7
Under 0.1 ha	15	118	15	118	81	7	15	15					
0.1 ha and Under 0.2 ha	198	801	198	801	250	95	147	308					
0.2 ha and Under 0.5 ha	1,484	6,897	1,476	6,882	3,254	948	1,241	1,440	7	15		7	7
0.5 ha and Under 1 ha	1,836	9,740	1,814	9,585	5,024	1,227	1,697	1,638	66	154	51	103	
1 ha and Under 2 ha	801	4,789	779	4,165	1,983	507	874	801	66	624	176	448	
2 ha and Under 3 ha	44	301	44	301	81	66	66	88					
3 ha and Under 4 ha													
4 ha and Under 5 ha													
5 ha and Under 10 ha													
10 ha and over													
Total	4,378	22,645	4,326	21,852	10,672	2,850	4,040	4,290	140	793	228	558	7

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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						
Holding with land			22	81	15	22
Under 0.1 ha						
0.1 ha and Under 0.2 ha						
0.2 ha and Under 0.5 ha			7	37	7	15
0.5 ha and Under 1 ha			15	44		
1 ha and Under 2 ha					7	7
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			22	81	15	22

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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													
Holding with land	9,174	6,218.6										44	
Under 0.1 ha	66	3.2											
0.1 ha and Under 0.2 ha	477	72.8											
0.2 ha and Under 0.5 ha	3,063	1,094.1										22	
0.5 ha and Under 1 ha	3,886	2,771.9											
1 ha and Under 2 ha	1,587	2,043.2										15	
2 ha and Under 3 ha	88	209.3										7	
3 ha and Under 4 ha	7	24.2											
4 ha and Under 5 ha													
5 ha and Under 10 ha													
10 ha and over													
Total	9,174	6,218.6										44	

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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														
Holding with land	9,174	6,218.6												
Under 0.1 ha	66	3.2												
0.1 ha and Under 0.2 ha	477	72.8												
0.2 ha and Under 0.5 ha	3,063	1,094.1												
0.5 ha and Under 1 ha	3,886	2,771.9												
1 ha and Under 2 ha	1,587	2,043.2												
2 ha and Under 3 ha	88	209.3												
3 ha and Under 4 ha	7	24.2												
4 ha and Under 5 ha														
5 ha and Under 10 ha														
10 ha and over														
Total	9,174	6,218.6												

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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												
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 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												
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 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												
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 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							44	44	37	7		
Under 0.1 ha												
0.1 ha and Under 0.2 ha												
0.2 ha and Under 0.5 ha							22	22	22			
0.5 ha and Under 1 ha												
1 ha and Under 2 ha							15	15	7	7		
2 ha and Under 3 ha							7	7	7			
3 ha and Under 4 ha												
4 ha and Under 5 ha												
5 ha and Under 10 ha												
10 ha and over												
Total							44	44	37	7		

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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						
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 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										
Holding with land	5,707	7,272	7,220	29	22	15	15	15		
Under 0.1 ha										
0.1 ha and Under 0.2 ha	140	147	147			7	7	7		
0.2 ha and Under 0.5 ha	1,579	1,763	1,733	29						
0.5 ha and Under 1 ha	2,740	3,651	3,643		7	7	7	7		
1 ha and Under 2 ha	1,161	1,601	1,594		7					
2 ha and Under 3 ha	81	103	103							
3 ha and Under 4 ha	7	7			7					
4 ha and Under 5 ha										
5 ha and Under 10 ha										
10 ha and over										
Total	5,707	7,272	7,220	29	22	15	15	15		

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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	191	198	198			15	15	15		
Under 0.1 ha										
0.1 ha and Under 0.2 ha										
0.2 ha and Under 0.5 ha	88	88	88							
0.5 ha and Under 1 ha	81	88	88							
1 ha and Under 2 ha	22	22	22			15	15	15		
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	191	198	198			15	15	15		

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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							
Holding with land	9,174	6,218.6	3,298	213	15.1	33,494	31,055
Under 0.1 ha	66	3.2					
0.1 ha and Under 0.2 ha	477	72.8	88				779
0.2 ha and Under 0.5 ha	3,063	1,094.1	984	44	0.9	1,263	6,581
0.5 ha and Under 1 ha	3,886	2,771.9	1,601	125	7.9	4,649	15,439
1 ha and Under 2 ha	1,587	2,043.2	617	44	6.4	27,581	8,072
2 ha and Under 3 ha	88	209.3					
3 ha and Under 4 ha	7	24.2	7				184
4 ha and Under 5 ha							
5 ha and Under 10 ha							
10 ha and over							
Total	9,174	6,218.6	3,298	213	15.1	33,494	31,055

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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							
Holding with land	9,174	6,218.6	3,298	3,011	59	118	110
Under 0.1 ha	66	3.2					
0.1 ha and Under 0.2 ha	477	72.8	88	88			
0.2 ha and Under 0.5 ha	3,063	1,094.1	984	852	7	81	44
0.5 ha and Under 1 ha	3,886	2,771.9	1,601	1,498	22	29	51
1 ha and Under 2 ha	1,587	2,043.2	617	566	29	7	15
2 ha and Under 3 ha	88	209.3					
3 ha and Under 4 ha	7	24.2	7	7			
4 ha and Under 5 ha							
5 ha and Under 10 ha							
10 ha and over							
Total	9,174	6,218.6	3,298	3,011	59	118	110

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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	9,174	6,218.6	22	15	1,205	
Under 0.1 ha	66	3.2				
0.1 ha and Under 0.2 ha	477	72.8			7	
0.2 ha and Under 0.5 ha	3,063	1,094.1	7		242	
0.5 ha and Under 1 ha	3,886	2,771.9	15	15	639	
1 ha and Under 2 ha	1,587	2,043.2			301	
2 ha and Under 3 ha	88	209.3			7	
3 ha and Under 4 ha	7	24.2			7	
4 ha and Under 5 ha						
5 ha and Under 10 ha						
10 ha and over						
Total	9,174	6,218.6	22	15	1,205	

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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	9,174	6,218.6						
Under 0.1 ha	66	3.2						
0.1 ha and Under 0.2 ha	477	72.8						
0.2 ha and Under 0.5 ha	3,063	1,094.1						
0.5 ha and Under 1 ha	3,886	2,771.9						
1 ha and Under 2 ha	1,587	2,043.2						
2 ha and Under 3 ha	88	209.3						
3 ha and Under 4 ha	7	24.2						
4 ha and Under 5 ha								
5 ha and Under 10 ha								
10 ha and over								
Total	9,174	6,218.6						

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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											
Holding with land	9,174	6,218.6	8,535	639	95	37		125	73	286	22
Under 0.1 ha	66	3.2	59	7		7					
0.1 ha and Under 0.2 ha	477	72.8	433	44	7	15		7		7	7
0.2 ha and Under 0.5 ha	3,063	1,094.1	2,894	169	29			22	22	88	7
0.5 ha and Under 1 ha	3,886	2,771.9	3,570	316	44	15		66	51	132	7
1 ha and Under 2 ha	1,587	2,043.2	1,484	103	15			29		59	
2 ha and Under 3 ha	88	209.3	88								
3 ha and Under 4 ha	7	24.2	7								
4 ha and Under 5 ha											
5 ha and Under 10 ha											
10 ha and over											
Total	9,174	6,218.6	8,535	639	95	37		125	73	286	22

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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									
Holding with land	9,174	6,218.6	4,708	507	419	140	3,291	7	345
Under 0.1 ha	66	3.2	15				15		
0.1 ha and Under 0.2 ha	477	72.8	316	15	37		257		7
0.2 ha and Under 0.5 ha	3,063	1,094.1	1,528	191	140	29	1,065	7	95
0.5 ha and Under 1 ha	3,886	2,771.9	1,939	184	176	88	1,322		169
1 ha and Under 2 ha	1,587	2,043.2	845	95	66	22	588		73
2 ha and Under 3 ha	88	209.3	59	22			37		
3 ha and Under 4 ha	7	24.2	7				7		
4 ha and Under 5 ha									
5 ha and Under 10 ha									
10 ha and over									
Total	9,174	6,218.6	4,708	507	419	140	3,291	7	345

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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								
Holding with land	9,174	6,218.6	54,567	5.9	8,910	264	2,652	6,522
Under 0.1 ha	66	3.2	279	4.2	51	15	7	59
0.1 ha and Under 0.2 ha	477	72.8	2,277	4.8	419	59	15	463
0.2 ha and Under 0.5 ha	3,063	1,094.1	16,894	5.5	2,938	125	338	2,725
0.5 ha and Under 1 ha	3,886	2,771.9	23,658	6.1	3,827	59	1,396	2,490
1 ha and Under 2 ha	1,587	2,043.2	10,783	6.8	1,579	7	830	757
2 ha and Under 3 ha	88	209.3	617	7.0	88		59	29
3 ha and Under 4 ha	7	24.2	59	8.0	7		7	
4 ha and Under 5 ha								
5 ha and Under 10 ha								
10 ha and over								
Total	9,174	6,218.6	54,567	5.9	8,910	264	2,652	6,522

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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													
Holding with land	9,174	6,522	2,747	3,482	264	29	779	5,149	220	88	7	125	154
Under 0.1 ha	66	59	22	29		7	15	44					
0.1 ha and Under 0.2 ha	477	463	154	279	22	7	59	382	15				7
0.2 ha and Under 0.5 ha	3,063	2,725	896	1,623	191	15	184	2,321	51	66		29	73
0.5 ha and Under 1 ha	3,886	2,490	1,293	1,161	37		264	1,939	140	15	7	66	59
1 ha and Under 2 ha	1,587	757	360	382	15		250	441	15	7		29	15
2 ha and Under 3 ha	88	29	22	7			7	22					
3 ha and Under 4 ha	7												
4 ha and Under 5 ha													
5 ha and Under 10 ha													
10 ha and over													
Total	9,174	6,522	2,747	3,482	264	29	779	5,149	220	88	7	125	154

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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								
Holding with land	9,174	6,218.6	169	698	639	441	1,440	5,788
Under 0.1 ha	66	3.2	22		7		7	29
0.1 ha and Under 0.2 ha	477	72.8	15	37	37	29	37	323
0.2 ha and Under 0.5 ha	3,063	1,094.1	59	132	213	140	316	2,204
0.5 ha and Under 1 ha	3,886	2,771.9	37	375	272	198	573	2,431
1 ha and Under 2 ha	1,587	2,043.2	29	140	110	59	470	779
2 ha and Under 3 ha	88	209.3	7	15		15	29	22
3 ha and Under 4 ha	7	24.2					7	
4 ha and Under 5 ha								
5 ha and Under 10 ha								
10 ha and over								
Total	9,174	6,218.6	169	698	639	441	1,440	5,788

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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								
Holding with land	9,174	6,218.6	9,005					169
Under 0.1 ha	66	3.2	44					22
0.1 ha and Under 0.2 ha	477	72.8	463					15
0.2 ha and Under 0.5 ha	3,063	1,094.1	3,004					59
0.5 ha and Under 1 ha	3,886	2,771.9	3,849					37
1 ha and Under 2 ha	1,587	2,043.2	1,557					29
2 ha and Under 3 ha	88	209.3	81					7
3 ha and Under 4 ha	7	24.2	7					
4 ha and Under 5 ha								
5 ha and Under 10 ha								
10 ha and over								
Total	9,174	6,218.6	9,005					169

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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							
Holding with land	9,174	6,218.6	8,557	617	9,137	29	7
Under 0.1 ha	66	3.2	51	15	66		
0.1 ha and Under 0.2 ha	477	72.8	455	22	463	15	
0.2 ha and Under 0.5 ha	3,063	1,094.1	2,857	206	3,063		
0.5 ha and Under 1 ha	3,886	2,771.9	3,658	228	3,864	15	7
1 ha and Under 2 ha	1,587	2,043.2	1,440	147	1,587		
2 ha and Under 3 ha	88	209.3	88		88		
3 ha and Under 4 ha	7	24.2	7		7		
4 ha and Under 5 ha							
5 ha and Under 10 ha							
10 ha and over							
Total	9,174	6,218.6	8,557	617	9,137	29	7

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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 Consumptio	For sale	Cereals	Vegetables	Horticulture	Other crops	Livestock	Poultry	Fishery	Other
Holding without land												
Holding with land	9,174	6,218.6	9,152	22	9,130	29			15			
Under 0.1 ha	66	3.2	66		51	15						
0.1 ha and Under 0.2 ha	477	72.8	470	7	463	15						
0.2 ha and Under 0.5 ha	3,063	1,094.1	3,063		3,056				7			
0.5 ha and Under 1 ha	3,886	2,771.9	3,878	7	3,878				7			
1 ha and Under 2 ha	1,587	2,043.2	1,579	7	1,587							
2 ha and Under 3 ha	88	209.3	88		88							
3 ha and Under 4 ha	7	24.2	7		7							
4 ha and Under 5 ha												
5 ha and Under 10 ha												
10 ha and over												
Total	9,174	6,218.6	9,152	22	9,130	29			15			

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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														
Holding with land	9,174	6,218.6	7	73		44	918	88	7	7	22	29	22	7
Under 0.1 ha	66	3.2					15							
0.1 ha and Under 0.2 ha	477	72.8	7	7		15	29			7				
0.2 ha and Under 0.5 ha	3,063	1,094.1		37		7	176	7	7		15	7	15	7
0.5 ha and Under 1 ha	3,886	2,771.9		15		7	360	37				15		
1 ha and Under 2 ha	1,587	2,043.2		15		7	331	37			7	7	7	
2 ha and Under 3 ha	88	209.3				7	7							
3 ha and Under 4 ha	7	24.2						7						
4 ha and Under 5 ha														
5 ha and Under 10 ha														
10 ha and over														
Total	9,174	6,218.6	7	73		44	918	88	7	7	22	29	22	7

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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	9,174	6,218.6	940	92.3	15	1.9	1,300	134.8
Under 0.1 ha	66	3.2						
0.1 ha and Under 0.2 ha	477	72.8	37	1.6			37	6.5
0.2 ha and Under 0.5 ha	3,063	1,094.1	206	17.1	7	1.5	433	30.3
0.5 ha and Under 1 ha	3,886	2,771.9	448	43.6	7	0.4	595	48.0
1 ha and Under 2 ha	1,587	2,043.2	220	27.0			228	49.7
2 ha and Under 3 ha	88	209.3	22	2.2			7	0.4
3 ha and Under 4 ha	7	24.2	7	0.8				
4 ha and Under 5 ha								
5 ha and Under 10 ha								
10 ha and over								
Total	9,174	6,218.6	940	92.3	15	1.9	1,300	134.8

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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	9,174	228	353	198	154	382	7,132	3,144	3,988	4,326	64,299	26,244	38,055
Under 0.1 ha	66					15	37	22	15	15	110	15	95
0.1 ha and Under 0.2 ha	477					7	15	7	7	213	3,100	1,462	1,638
0.2 ha and Under 0.5 ha	3,063	88	118	66	51	81	353	235	118	1,403	14,646	5,751	8,895
0.5 ha and Under 1 ha	3,886	95	140	81	59	169	3,291	1,410	1,880	1,902	25,098	10,753	14,345
1 ha and Under 2 ha	1,587	44	95	51	44	110	3,437	1,469	1,968	720	20,206	7,852	12,354
2 ha and Under 3 ha	88									66	845	316	529
3 ha and Under 4 ha	7									7	294	95	198
4 ha and Under 5 ha													
5 ha and Under 10 ha													
10 ha and over													
Total	9,174	228	353	198	154	382	7,132	3,144	3,988	4,326	64,299	26,244	38,055

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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									
Holding with land	9,174	8,021	1,153			646	140	1,873	242
Under 0.1 ha	66	37	29						7
0.1 ha and Under 0.2 ha	477	426	51			73	22	132	
0.2 ha and Under 0.5 ha	3,063	2,630	433			286	44	646	73
0.5 ha and Under 1 ha	3,886	3,445	441			250	44	779	132
1 ha and Under 2 ha	1,587	1,396	191			37	29	294	22
2 ha and Under 3 ha	88	81	7					22	7
3 ha and Under 4 ha	7	7							
4 ha and Under 5 ha									
5 ha and Under 10 ha									
10 ha and over									
Total	9,174	8,021	1,153			646	140	1,873	242

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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									
Holding with land	2,057	331	1,755	176	1,329	206	360	59	
Under 0.1 ha	15	22	15		7				
0.1 ha and Under 0.2 ha	88	15	66	7	44	7	22		
0.2 ha and Under 0.5 ha	764	154	551	73	316	59	66	29	
0.5 ha and Under 1 ha	852	88	749	66	676	95	140	15	
1 ha and Under 2 ha	316	51	367	29	257	44	125	15	
2 ha and Under 3 ha	22				29		7		
3 ha and Under 4 ha			7						
4 ha and Under 5 ha									
5 ha and Under 10 ha									
10 ha and over									
Total	2,057	331	1,755	176	1,329	206	360	59	

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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									
Holding with land	6,218.6	5,483.1	735.6			325.6	82.2	1,224.5	170.3
Under 0.1 ha	3.2	1.9	1.2						0.4
0.1 ha and Under 0.2 ha	72.8	65.0	7.7			11.4	3.5	19.7	
0.2 ha and Under 0.5 ha	1,094.1	946.8	147.4			99.9	14.3	234.3	24.5
0.5 ha and Under 1 ha	2,771.9	2,457.3	314.6			168.1	29.6	546.9	95.0
1 ha and Under 2 ha	2,043.2	1,798.8	244.5			46.3	34.7	367.7	30.2
2 ha and Under 3 ha	209.3	189.1	20.2					55.8	20.2
3 ha and Under 4 ha	24.2	24.2							
4 ha and Under 5 ha									
5 ha and Under 10 ha									
10 ha and over									
Total	6,218.6	5,483.1	735.6			325.6	82.2	1,224.5	170.3

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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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									
Holding with land	1,347.8	186.7	1,266.1	112.0	997.6	146.5	321.6	37.9	
Under 0.1 ha	0.8	0.8	0.9		0.2				
0.1 ha and Under 0.2 ha	14.0	2.4	10.9	0.9	6.0	0.9	3.1		
0.2 ha and Under 0.5 ha	275.6	52.8	198.7	25.4	114.9	20.1	23.4	10.2	
0.5 ha and Under 1 ha	609.7	63.0	542.4	45.8	486.1	72.4	104.1	8.7	
1 ha and Under 2 ha	398.0	67.6	489.0	39.9	322.3	53.1	175.5	19.0	
2 ha and Under 3 ha	49.7				68.1		15.4		
3 ha and Under 4 ha			24.2						
4 ha and Under 5 ha									
5 ha and Under 10 ha									
10 ha and over									
Total	1,347.8	186.7	1,266.1	112.0	997.6	146.5	321.6	37.9	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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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									
Holding with land	9,174	27,507	27,059	11,561	11,098	5,134	5,700	3,614	3,482
Under 0.1 ha	66	147	132	51	44	29	15		15
0.1 ha and Under 0.2 ha	477	1,124	1,153	441	419	213	301	213	162
0.2 ha and Under 0.5 ha	3,063	8,498	8,395	3,783	3,665	1,447	1,616	1,109	1,043
0.5 ha and Under 1 ha	3,886	11,928	11,730	4,943	4,716	2,314	2,578	1,476	1,520
1 ha and Under 2 ha	1,587	5,435	5,347	2,218	2,152	1,036	1,116	742	690
2 ha and Under 3 ha	88	345	272	110	103	88	59	73	51
3 ha and Under 4 ha	7	29	29	15		7	15		
4 ha and Under 5 ha									
5 ha and Under 10 ha									
10 ha and over									
Total	9,174	27,507	27,059	11,561	11,098	5,134	5,700	3,614	3,482

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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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									
Holding with land	2,630	2,578	2,108	1,792	1,711	1,572	749	837	
Under 0.1 ha	29	44	22		7	15	7		
0.1 ha and Under 0.2 ha	95	103	81	88	51	44	29	37	
0.2 ha and Under 0.5 ha	925	903	654	522	411	448	169	198	
0.5 ha and Under 1 ha	1,102	1,065	881	771	874	705	338	375	
1 ha and Under 2 ha	448	433	463	389	338	345	191	220	
2 ha and Under 3 ha	29	22		22	29	15	15		
3 ha and Under 4 ha		7	7					7	
4 ha and Under 5 ha									
5 ha and Under 10 ha									
10 ha and over									
Total	2,630	2,578	2,108	1,792	1,711	1,572	749	837	

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Table 29. Educational level of holders

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											
Holding with land	8,021	1,153	1,065	22	1,065	44	448	29	250	22	
Under 0.1 ha	37	29		7		7	7	7		7	
0.1 ha and Under 0.2 ha	426	51	51	7	7	7	22	7	22		
0.2 ha and Under 0.5 ha	2,630	433	272		367	7	88	7	66		
0.5 ha and Under 1 ha	3,445	441	536		463	15	242	7	95	15	
1 ha and Under 2 ha	1,396	191	191		206	7	88		66		
2 ha and Under 3 ha	81	7	15	7	22						
3 ha and Under 4 ha	7										
4 ha and Under 5 ha											
5 ha and Under 10 ha											
10 ha and over											
Total	8,021	1,153	1,065	22	1,065	44	448	29	250	22	

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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										
Holding with land	37	7	7	7	7		1,469	169	3,673	852
Under 0.1 ha									29	
0.1 ha and Under 0.2 ha	7						66	7	250	22
0.2 ha and Under 0.5 ha	15	7	7			7	514	81	1,293	331
0.5 ha and Under 1 ha	7						588	59	1,513	345
1 ha and Under 2 ha	7			7			294	22	544	154
2 ha and Under 3 ha							7		37	
3 ha and Under 4 ha									7	
4 ha and Under 5 ha										
5 ha and Under 10 ha										
10 ha and over										
Total	37	7	7	7	7		1,469	169	3,673	852

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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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											
Holding with land	15,682	22,535	6,662	6,904	4,613	2,960	830	286	808	235	
Under 0.1 ha	110	88	37	15	37	29	15		15	15	
0.1 ha and Under 0.2 ha	536	955	301	242	88	125	22	15		7	
0.2 ha and Under 0.5 ha	4,598	6,897	2,093	2,314	1,374	661	140	66	154	88	
0.5 ha and Under 1 ha	6,875	9,828	2,776	2,901	2,086	1,506	426	147	426	59	
1 ha and Under 2 ha	3,305	4,503	1,359	1,351	925	602	206	59	198	66	
2 ha and Under 3 ha	235	235	81	81	95	29	22		15		
3 ha and Under 4 ha	22	29	15		7	7					
4 ha and Under 5 ha											
5 ha and Under 10 ha											
10 ha and over											
Total	15,682	22,535	6,662	6,904	4,613	2,960	830	286	808	235	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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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										
Holding with land	103	22	15	7	7		646	1,866	1,998	10,254
Under 0.1 ha							7	7		22
0.1 ha and Under 0.2 ha							44	51	81	514
0.2 ha and Under 0.5 ha	15	7	15				191	455	617	3,305
0.5 ha and Under 1 ha	66	7					286	859	808	4,348
1 ha and Under 2 ha	22	7		7	7		118	455	470	1,954
2 ha and Under 3 ha								37	22	88
3 ha and Under 4 ha										22
4 ha and Under 5 ha										
5 ha and Under 10 ha										
10 ha and over										
Total	103	22	15	7	7		646	1,866	1,998	10,254

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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														
Holding with land	8,021	1,153					7		73	7	162	15	15	
Under 0.1 ha	37	29								7		7		
0.1 ha and Under 0.2 ha	426	51							7				7	
0.2 ha and Under 0.5 ha	2,630	433					7		7		29		7	
0.5 ha and Under 1 ha	3,445	441							29		88	7		
1 ha and Under 2 ha	1,396	191							29		37			
2 ha and Under 3 ha	81	7									7			
3 ha and Under 4 ha	7													
4 ha and Under 5 ha														
5 ha and Under 10 ha														
10 ha and over														
Total	8,021	1,153					7		73	7	162	15	15	

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Table 31. Occupational distribution of 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														
Holding with land	7,499	1,109	59		7	7	7		103		81	15	7	
Under 0.1 ha	29	15							7					
0.1 ha and Under 0.2 ha	389	44	7						15			7		
0.2 ha and Under 0.5 ha	2,497	433	29		7				15		29			
0.5 ha and Under 1 ha	3,239	426					7		29		44	7	7	
1 ha and Under 2 ha	1,278	191	15						29		7			
2 ha and Under 3 ha	59		7				7		7					
3 ha and Under 4 ha	7													
4 ha and Under 5 ha														
5 ha and Under 10 ha														
10 ha and over														
Total	7,499	1,109	59		7	7	7		103		81	15	7	

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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														
Holding with land	11,884	18,238	37	7	44	15	37	7	66	22	264	95	22	7
Under 0.1 ha	88	88							7		7			
0.1 ha and Under 0.2 ha	389	808								7				
0.2 ha and Under 0.5 ha	3,298	5,457		7			15		15	7	22	15		
0.5 ha and Under 1 ha	5,281	7,999	22		44	15	7		7		191	51	15	7
1 ha and Under 2 ha	2,630	3,665	15				15	7	37	7	44	29	7	
2 ha and Under 3 ha	184	191												
3 ha and Under 4 ha	15	29												
4 ha and Under 5 ha														
5 ha and Under 10 ha														
10 ha and over														
Total	11,884	18,238	37	7	44	15	37	7	66	22	264	95	22	7

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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														
Holding with land	3,768	11,326	485	59	7		29	22	286	1,609	6,677	4,826	162	242
Under 0.1 ha	29	37								15	44	37		
0.1 ha and Under 0.2 ha	125	507	59	7						95	191	184	15	7
0.2 ha and Under 0.5 ha	955	3,496	228	37			7		81	441	1,939	1,359	37	95
0.5 ha and Under 1 ha	1,594	4,965	154	7	7		7	7	132	668	3,026	2,181	73	95
1 ha and Under 2 ha	999	2,189	44	7			7		73	367	1,359	1,014	29	44
2 ha and Under 3 ha	66	125								22	110	44	7	
3 ha and Under 4 ha		7					7	15			7	7		
4 ha and Under 5 ha														
5 ha and Under 10 ha														
10 ha and over														
Total	3,768	11,326	485	59	7		29	22	286	1,609	6,677	4,826	162	242

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
 - Forest and other wooded land
- (b) Ponds
- (c) All other land

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

3. QUALITY CONTROL

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

4. INTERPRETATION OF DATA

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

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

5. DISSEMINATION OF CENSUS DATA

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

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

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

