

National Sample Census of Agriculture

Nepal

2011/12

Kathmandu

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

KATHMANDU

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	2,673	23.2	59.2	82.4	2,799	1.0	2,548	125			
Holding with land	48,789	5,626.2	3,887.0	9,513.2	115,246	2.4	13,534	27,903	5,764	1,587	
Under 0.1 ha	18,713	432.1	448.0	880.1	29,449	1.6	10,485	8,020	209		
0.1 ha and Under 0.2 ha	12,740	1,007.9	747.6	1,755.6	30,493	2.4	1,838	9,524	1,295	84	
0.2 ha and Under 0.5 ha	13,868	2,700.6	1,520.9	4,221.5	41,395	3.0	1,086	9,023	2,966	794	
0.5 ha and Under 1 ha	2,882	1,075.8	845.2	1,921.0	11,947	4.1	84	1,044	1,086	668	
1 ha and Under 2 ha	585	409.9	325.3	735.1	1,963	3.4	42	292	209	42	
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	51,462	5,649.4	3,946.2	9,595.6	118,045	2.3	16,082	28,028	5,764	1,587	

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

Details may not add up to totals due to rounding.

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	Holdings		Tenure forms									
			One tenure forms						More than one tenure forms			
	Owned		Rented from others		Other tenure forms		No. of holdings	Area (ha)				
	Number	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)		No. of holdings	Area (ha)	Owned	Rented	Other tenure
Holding without land	2,673	82.4	1,211	37.4	1,170	41.8	251	2.5	42	0.4		0.3
Holding with land	48,789	9,513.2	43,108	8,149.4	1,713	186.7	209	4.2	3,759	468.0	663.3	41.6
Under 0.1 ha	18,713	880.1	16,583	787.7	1,086	48.9	209	4.2	835	16.4	19.1	3.7
0.1 ha and under 0.2 ha	12,740	1,755.6	11,362	1,555.3	334	43.4			1,044	48.4	104.7	3.9
0.2 ha and under 0.5 ha	13,868	4,221.5	12,322	3,745.5	292	94.4			1,253	118.4	263.2	
0.5 ha and under 1 ha	2,882	1,921.0	2,506	1,676.7					376	125.8	118.5	
1 ha and under 2 ha	585	735.1	334	384.2					251	159.1	157.8	34.0
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	51,462	9,595.6	44,319	8,186.8	2,882	228.6	459	6.8	3,801	468.4	663.3	41.8

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	Number of holdings	Under one tenure form - rented from others													
		Total		Rented for fixed amount of money		Rented for fixed quantity of		Rented for share of production		Rented in exchange for services		Rented for mortgage		Other rental arrangements	
		No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	2,673	1,170	41.8	1,003	38.8	42	0.4							125	2.7
Holding with land	48,789	1,713	186.7	835	112.9	42	1.1	459	19.0	42	3.7			334	50.1
Under 0.1 ha	18,713	1,086	48.9	418	25.2	42	1.1	418	14.7	42	3.7			167	4.1
0.1 ha and under 0.2 ha	12,740	334	43.4	251	31.5			42	4.2					42	7.7
0.2 ha and under 0.5 ha	13,868	292	94.4	167	56.2									125	38.2
0.5 ha and under 1 ha	2,882														
1 ha and under 2 ha	585														
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	51,462	2,882	228.6	1,838	151.7	84	1.5	459	19.0	42	3.7			459	52.7

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	No. of holdings	Under more than one tenure forms --- rented from others													
		Total		Rented for fixed amount of money		Rented for fixed quantity of		Rented for share of production		Rented in exchange for		Rented for mortgage		Other rental arrangements	
		No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	2,673														
Holding with land	48,789	3,509	663.3	752	158.3	376	104.7	1,838	339.6	84	17.0			543	43.7
Under 0.1 ha	18,713	710	19.1	167	4.5			292	6.8					292	7.8
0.1 ha and under 0.2 ha	12,740	961	104.7	167	15.7	42	2.1	627	68.8	42	6.4			84	11.7
0.2 ha and under 0.5 ha	13,868	1,253	263.2	251	59.5	125	15.4	752	172.7					125	15.7
0.5 ha and under 1 ha	2,882	376	118.5	84	38.2	125	33.5	125	27.6	42	10.6			42	8.5
1 ha and under 2 ha	585	209	157.8	84	40.4	84	53.7	42	63.7						
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	51,462	3,509	663.3	752	158.3	376	104.7	1,838	339.6	84	17.0			543	43.7

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	Total		Agricultural land							
	No. of holdings	Area (ha)	Crop land							
			Arable land							
			Land under temporary crops		Area under temporary meadows		Land under temporary fallow		Total arable land	
			No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	2,673	82.4	459	2.9			334	5.6	710	8.5
Holding with land	48,789	9,513.2	48,789	8,352.4	125	2.5	2,214	206.3	48,789	8,561.2
Under 0.1 ha	18,713	880.1	18,713	646.5			585	10.9	18,713	657.4
0.1 ha and under 0.2 ha	12,740	1,755.6	12,740	1,514.5	42	0.4	459	13.8	12,740	1,528.7
0.2 ha and under 0.5 ha	13,868	4,221.5	13,868	3,826.5	84	2.1	585	42.5	13,868	3,871.1
0.5 ha and under 1 ha	2,882	1,921.0	2,882	1,702.2			459	99.7	2,882	1,801.9
1 ha and under 2 ha	585	735.1	585	662.7			125	39.3	585	702.0
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	51,462	9,595.6	49,248	8,355.3	125	2.5	2,548	211.8	49,499	8,569.7

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	Agricultural land						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									2,673	73.9
Holding with land	1,378	40.6	292	17.5	1,671	100.5	42	0.5	47,619	792.8
Under 0.1 ha	209	1.9			42	0.5			17,920	220.3
0.1 ha and under 0.2 ha	292	5.0	125	3.7	459	13.3			12,531	204.8
0.2 ha and under 0.5 ha	501	13.3	167	13.8	752	37.9	42	0.5	13,701	284.9
0.5 ha and under 1 ha	334	16.2			376	38.2			2,882	64.6
1 ha and under 2 ha	42	4.2			42	10.6			585	18.2
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	1,378	40.6	292	17.5	1,671	100.5	42	0.5	50,292	866.7

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	Total		Source of irrigation													
	No. of holdings	Area (ha)	No. of holdings reporting	Area (ha)	River/lake/pond				Dam/reservoir		Tube well/boring		Others		Mixed	
					By gravity		Pumping		No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
					No. of holdings	Area (ha)	No. of holdings	Area (ha)								
Holding without land	2,673	82.4	84	0.7			42	0.4			42	0.3				
Holding with land	48,789	9,513.2	26,399	3,834.6	18,129	2,926.5	3,008	355.6	334	41.6	5,221	369.3	2,256	129.3	543	12.3
Under 0.1 ha	18,713	880.1	7,686	266.6	3,258	129.5	794	33.4	42	0.8	2,715	76.8	1,086	23.9	251	2.2
0.1 ha and under 0.2 ha	12,740	1,755.6	6,892	658.7	5,347	500.7	710	57.4	84	6.5	1,086	65.0	543	28.6	42	0.5
0.2 ha and under 0.5 ha	13,868	4,221.5	9,440	1,947.0	7,519	1,517.8	1,170	202.3	167	15.1	1,086	133.7	585	73.6	125	4.5
0.5 ha and under 1 ha	2,882	1,921.0	2,089	795.2	1,754	612.0	334	62.6	42	19.1	292	93.2	42	3.2	125	5.1
1 ha and under 2 ha	585	735.1	292	167.1	251	166.5					42	0.5				
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	51,462	9,595.6	26,483	3,835.2	18,129	2,926.5	3,049	356.0	334	41.6	5,263	369.5	2,256	129.3	543	12.3

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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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	2,673	82.4	84	0.7	42	0.3			42	0.4		
Holding with land	48,789	9,513.2	26,399	3,834.6	22,849	3,206.3	42	6.4	4,720	606.4	125	15.4
Under 0.1 ha	18,713	880.1	7,686	266.6	6,516	213.1			1,378	53.5		
0.1 ha and under 0.2 ha	12,740	1,755.6	6,892	658.7	5,764	526.0	42	6.4	1,295	117.3	84	9.0
0.2 ha and under 0.5 ha	13,868	4,221.5	9,440	1,947.0	8,438	1,630.5			1,671	310.1	42	6.4
0.5 ha and under 1 ha	2,882	1,921.0	2,089	795.2	1,838	669.7			376	125.5		
1 ha and under 2 ha	585	735.1	292	167.1	292	167.1						
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	51,462	9,595.6	26,483	3,835.2	22,891	3,206.6	42	6.4	4,762	606.8	125	15.4

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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	459	5.8	459	5.1			84	0.7				
Holding with land	48,789	15,990.9	48,622	15,179.9	1,128	35.1	16,458	761.3	209	3.9	84	10.8
Under 0.1 ha	18,713	1,285.3	18,546	1,135.5	125	1.3	6,182	147.5	84	0.5	42	0.5
0.1 ha and under 0.2 ha	12,740	2,924.8	12,740	2,745.4	209	3.9	4,302	174.3	84	1.2		
0.2 ha and under 0.5 ha	13,868	7,349.0	13,868	7,053.6	418	9.4	4,678	273.6	42	2.1	42	10.2
0.5 ha and under 1 ha	2,882	3,231.8	2,882	3,058.8	334	16.2	1,170	156.9				
1 ha and under 2 ha	585	1,199.9	585	1,186.7	42	4.2	125	9.0				
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	49,248	15,996.7	49,081	15,185.0	1,128	35.1	16,541	762.0	209	3.9	84	10.8

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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	251	2.0	42	0.1					42	0.1	209	1.1	376	2.5		
Holding with land	45,823	11,746.3	13,534	222.6	18,379	1,421.7	11,947	1,035.5	125	0.4	26,483	279.3	41,186	1,221.9	710	22.4
Under 0.1 ha	16,207	693.7	4,845	42.3	4,428	109.6	2,381	53.1	84	0.2	11,445	84.9	16,541	297.3	125	2.4
0.1 ha and Under 0.2 ha	12,364	2,020.9	3,801	57.9	5,305	318.8	3,509	182.9			6,224	63.5	10,359	266.7	251	9.0
0.2 ha and under 0.5 ha	13,784	5,539.1	3,926	83.4	6,767	703.0	4,720	390.5	42	0.3	6,976	94.4	11,571	514.0	334	11.0
0.5 ha and under 1 ha	2,882	2,422.9	961	39.0	1,796	287.1	1,128	309.6			1,713	34.2	2,339	122.8		
1 ha and under 2 ha	585	1,069.8			84	3.2	209	99.3			125	2.3	376	21.1		
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	46,074	11,748.3	13,576	222.7	18,379	1,421.7	11,947	1,035.5	167	0.5	26,692	280.4	41,562	1,224.4	710	22.4

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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			42	0.4			42	0.4	209	1.2								
Holding with land	543	59.8	31,913	4,972.6	334	41.4	26,065	3,455.3	34,545	2,520.0	5,388	591.6	1,128	30.8	1,253	68.2	209	6.6
Under 0.1 ha	84	1.7	6,850	261.5	42	0.4	5,013	164.9	11,905	242.8	668	16.1	376	4.8	42	0.2	84	1.3
0.1 ha and Under 0.2 ha	42	2.1	9,858	914.9	84	8.5	7,393	568.4	8,814	450.3	961	55.1	251	6.8	334	9.7	84	5.0
0.2 ha and under 0.5 ha	209	20.1	12,155	2,468.4	84	12.4	10,819	1,756.2	10,777	1,001.2	2,673	235.2	376	15.1	543	30.3	42	0.3
0.5 ha and under 1 ha	125	21.0	2,506	949.5	125	20.2	2,339	675.6	2,464	579.6	835	147.6	84	1.5	334	28.0		
1 ha and under 2 ha	84	14.9	543	378.4			501	290.2	585	246.1	251	137.6	42	2.7				
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	543	59.8	31,955	4,973.0	334	41.4	26,107	3,455.6	34,754	2,521.2	5,388	591.6	1,128	30.8	1,253	68.2	209	6.6

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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	42	0.1																					
Holding with land	11,069	145.0	209	10.2							167	3.3	2,381	38.0			209	5.2	1,086	12.3	376	8.8	
Under 0.1 ha	3,885	31.8	42	2.4									710	3.8			42	0.1	418	1.7	125	2.5	
0.1 ha and Under 0.2 ha	3,300	42.1									84	1.2	668	9.2			42	0.5	251	2.2	84	2.7	
0.2 ha and under 0.5 ha	3,091	48.2	125	1.4							84	2.1	919	24.0			125	4.5	292	1.6	125	1.5	
0.5 ha and under 1 ha	794	22.9	42	6.4									84	0.9						125	6.7	42	2.1
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	11,111	145.0	209	10.2							167	3.3	2,381	38.0			209	5.2	1,086	12.3	376	8.8	

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

Total area of holding	Potato		Sweet potato		Colocasia		Other tubers and bulbs	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land								
Holding with land	18,087	1,397.4	668	21.8	209	2.5		
Under 0.1 ha	4,386	109.4			42	0.1		
0.1 ha and Under 0.2 ha	5,180	314.1	209	3.9	84	0.8		
0.2 ha and under 0.5 ha	6,642	688.0	418	13.7	42	1.3		
0.5 ha and under 1 ha	1,796	282.6	42	4.2	42	0.3		
1 ha and under 2 ha	84	3.2						
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	18,087	1,397.4	668	21.8	209	2.5		

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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	11,571	1,022.1	42	0.4			334	9.6	167	1.3	42	2.1
Under 0.1 ha	2,214	52.1					42	0.3	125	0.8		
0.1 ha and Under 0.2 ha	3,467	182.4					84	0.5				
0.2 ha and under 0.5 ha	4,595	379.2	42	0.4			167	8.2	42	0.5	42	2.1
0.5 ha and under 1 ha	1,128	309.6										
1 ha and under 2 ha	167	98.8					42	0.5				
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	11,571	1,022.1	42	0.4			334	9.6	167	1.3	42	2.1

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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	42	0.1						
Holding with land					42	0.0	84	0.4
Under 0.1 ha					42	0.0	42	0.1
0.1 ha and Under 0.2 ha								
0.2 ha and under 0.5 ha							42	0.3
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	42	0.1			42	0.0	84	0.4

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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	42	0.1	42	0.1	209	0.7					42	0.1		
Holding with land	3,425	29.4	7,059	41.5	24,144	165.2	877	10.3	418	7.5	5,806	21.7	1,170	3.8
Under 0.1 ha	1,462	7.5	2,757	12.4	10,401	54.8	125	0.7	42	0.5	2,757	7.7	459	1.4
0.1 ha and Under 0.2 ha	710	7.4	1,587	8.5	5,890	40.7	125	0.4	125	2.5	1,086	3.3	334	0.8
0.2 ha and under 0.5 ha	919	13.1	2,214	16.7	6,266	51.6	418	2.6	84	0.3	1,504	8.7	292	1.4
0.5 ha and under 1 ha	334	1.4	459	3.4	1,462	16.8	209	6.6	167	4.1	376	1.6	84	0.3
1 ha and under 2 ha			42	0.5	125	1.3					84	0.4		
2 ha and under 3 ha														
3 ha and under 4 ha														
4 ha and under 5 ha														
5 ha and under 10 ha														
10 ha and over														
Total	3,467	29.5	7,101	41.6	24,353	165.9	877	10.3	418	7.5	5,848	21.8	1,170	3.8

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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	42	0.1			42	0.1	376	2.3
Holding with land	11,445	187.2	1,921	27.7	2,632	97.5	40,810	909.6
Under 0.1 ha	4,261	37.9	501	4.8	835	11.1	16,374	243.5
0.1 ha and Under 0.2 ha	2,715	34.1	501	3.3	627	18.2	10,276	211.1
0.2 ha and under 0.5 ha	3,634	87.5	877	19.1	1,003	58.7	11,487	348.6
0.5 ha and under 1 ha	710	21.2			167	9.4	2,297	92.1
1 ha and under 2 ha	125	6.4	42	0.5			376	14.2
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	11,487	187.3	1,921	27.7	2,673	97.6	41,186	911.8

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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	2,673	82.4	42								84	
Holding with land	48,789	9,513.2	14,411	40.6	3,425	32.9	24,645	1,170	7.8	5,388	48,204	12,573
under 0.1 ha	18,713	880.1	4,678	1.9	627	1.5	2,005	251	0.3	459	11,111	4,595
0.1 ha and under 0.2 ha	12,740	1,755.6	3,843	5.0	794	4.2	3,801	167	0.8	877	13,617	2,966
0.2 ha and under 0.5 ha	13,868	4,221.5	4,470	13.3	1,170	10.4	8,271	292	2.9	1,462	18,505	3,718
0.5 ha and under 1 ha	2,882	1,921.0	1,253	16.2	794	12.5	9,315	459	3.7	2,590	4,428	1,295
1 ha and under 2 ha	585	735.1	167	4.2	42	4.2	1,253				543	
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	51,462	9,595.6	14,453	40.6	3,425	32.9	24,645	1,170	7.8	5,388	48,287	12,573

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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	4,135	7.9	585	6.1	6,642	251	1.8	1,671	6,015	2,172
under 0.1 ha	1,295	0.3	42	0.3	167	42	0.0	84	1,211	877
0.1 ha and under 0.2 ha	835	1.7	167	1.6	1,462	42	0.1	334	1,921	376
0.2 ha and under 0.5 ha	1,546	3.0	167	1.8	2,256	84	1.2	961	2,423	710
0.5 ha and under 1 ha	418	2.9	209	2.5	2,757	84	0.4	292	418	209
1 ha and under 2 ha	42								42	
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	4,135	7.9	585	6.1	6,642	251	1.8	1,671	6,015	2,172

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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	418	1.1	84	0.9	251	42	0.3	125	543	42
under 0.1 ha	125	0.1	42	0.1	42				84	
0.1 ha and under 0.2 ha	125								251	42
0.2 ha and under 0.5 ha	125								209	
0.5 ha and under 1 ha	42	1.1	42	0.8	209	42	0.3	125		
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	418	1.1	84	0.9	251	42	0.3	125	543	42

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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	1,629	1.0	209	0.8	1,378	84	0.2	418	1,504	459
under 0.1 ha	418	0.0				42	0.0	84	292	167
0.1 ha and under 0.2 ha	418	0.0	42	0.0	84				459	84
0.2 ha and under 0.5 ha	585	0.4	84	0.4	292				543	167
0.5 ha and under 1 ha	125	0.5	84	0.4	1,003	42	0.1	334		42
1 ha and under 2 ha	84								209	
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	1,629	1.0	209	0.8	1,378	84	0.2	418	1,504	459

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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	1,295	0.3	84	0.3	376			1,713	84	
under 0.1 ha	418							418	42	
0.1 ha and under 0.2 ha	251							334		
0.2 ha and under 0.5 ha	418	0.1	42	0.1	125			710	42	
0.5 ha and under 1 ha	209	0.1	42	0.1	251			251		
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	1,295	0.3	84	0.3	376			1,713	84	

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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	292							459	42	
under 0.1 ha	84							167		
0.1 ha and under 0.2 ha	167							251	42	
0.2 ha and under 0.5 ha	42							42		
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	292							459	42	

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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	4,804	1.8	418	1.8	1,337	42	0.0	84	6,433	1,378
under 0.1 ha	1,838	0.2	125	0.2	251	42	0.0	84	2,297	501
0.1 ha and under 0.2 ha	1,170	0.8	125	0.8	627				1,546	209
0.2 ha and under 0.5 ha	1,420	0.5	125	0.5	292				1,963	627
0.5 ha and under 1 ha	376	0.3	42	0.3	167				627	42
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	4,804	1.8	418	1.8	1,337	42	0.0	84	6,433	1,378

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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	961	0.2	84	0.1	84	84	0.1	125	1,253	459
under 0.1 ha	251	0.1	42	0.0	42	84	0.1	125	42	251
0.1 ha and under 0.2 ha	167								668	42
0.2 ha and under 0.5 ha	418	0.0	42	0.0	42				501	84
0.5 ha and under 1 ha	125								42	84
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	961	0.2	84	0.1	84	84	0.1	125	1,253	459

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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	1,170	0.4	42	0.4	459			2,089	1,462	
under 0.1 ha	418							251	585	
0.1 ha and under 0.2 ha	125							292	42	
0.2 ha and under 0.5 ha	543	0.4	42	0.4	459			1,420	418	
0.5 ha and under 1 ha	84							125	418	
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	1,170	0.4	42	0.4	459			2,089	1,462	

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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	42								42	
Holding with land	5,806	5.5	585	5.0	4,804	167	0.5	835	7,477	1,880
under 0.1 ha	1,963	0.6	167	0.6	1,044				2,506	1,086
0.1 ha and under 0.2 ha	1,713	0.7	167	0.6	794	42	0.1	209	2,256	501
0.2 ha and under 0.5 ha	1,754	3.0	167	2.8	1,504	42	0.1	125	2,297	167
0.5 ha and under 1 ha	376	1.2	84	0.9	1,462	84	0.3	501	418	125
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	5,848	5.5	585	5.0	4,804	167	0.5	835	7,519	1,880

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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	42								418	
under 0.1 ha										
0.1 ha and under 0.2 ha	42								418	
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	42								418	

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

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

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

Total area of holding	Pear									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	2,882	14.6	501	14.0	4,762	167	0.7	794	7,018	459
under 0.1 ha	376	0.1				42	0.1	84	585	84
0.1 ha and under 0.2 ha	710	0.9	125	0.7	459	42	0.3	167	1,838	125
0.2 ha and under 0.5 ha	1,170	2.7	209	2.6	1,211	42	0.1	209	3,091	251
0.5 ha and under 1 ha	585	6.6	125	6.5	1,838	42	0.1	334	1,504	
1 ha and under 2 ha	42	4.2	42	4.2	1,253					
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	2,882	14.6	501	14.0	4,762	167	0.7	794	7,018	459

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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	3,300	1.7	292	1.2	2,130	125	0.5	794	3,843	794
under 0.1 ha	1,086	0.1	42	0.1	167				1,253	251
0.1 ha and under 0.2 ha	1,128	0.4	42	0.1	167	42	0.3	167	1,462	251
0.2 ha and under 0.5 ha	835	0.3	84	0.3	501				1,003	209
0.5 ha and under 1 ha	251	0.9	125	0.7	1,295	84	0.3	627	125	84
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	3,300	1.7	292	1.2	2,130	125	0.5	794	3,843	794

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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	334	0.4	125	0.4	167			209		
under 0.1 ha	209	0.1	84	0.1	84			125		
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	125	0.3	42	0.3	84			84		
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	334	0.4	125	0.4	167			209		

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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	961	1.0	167	0.9	585	42	0.1	84	627	418
under 0.1 ha	376	0.1	42	0.1	125				167	334
0.1 ha and under 0.2 ha	125	0.3	42	0.3	84				84	
0.2 ha and under 0.5 ha	418	0.7	84	0.5	376	42	0.1	84	334	84
0.5 ha and under 1 ha	42								42	
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	961	1.0	167	0.9	585	42	0.1	84	627	418

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

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

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

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

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

Total area of holding	Betel Nut									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land										
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	42								42	
Holding with land	3,676	0.8	209	0.6	627	42	0.1	167	7,853	1,546
under 0.1 ha	1,044	0.1	42	0.1	84				1,629	418
0.1 ha and under 0.2 ha	961	0.2	84	0.2	125				1,838	209
0.2 ha and under 0.5 ha	1,295	0.1	42	0.1	84				3,216	627
0.5 ha and under 1 ha	292	0.4	42	0.3	334	42	0.1	167	877	292
1 ha and under 2 ha	84								292	
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	3,718	0.8	209	0.6	627	42	0.1	167	7,895	1,546

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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	125							125		
under 0.1 ha										
0.1 ha and under 0.2 ha	84							84		
0.2 ha and under 0.5 ha	42							42		
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	125							125		

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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					125	3.5
Under 0.1 ha						
0.1 ha and under 0.2 ha						
0.2 ha and under 0.5 ha					84	1.3
0.5 ha and under 1 ha					42	2.1
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					125	3.5

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	209			835	42	0.5
Under 0.1 ha	84			84		
0.1 ha and under 0.2 ha	84			334		
0.2 ha and under 0.5 ha	42			418	42	0.5
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	209			835	42	0.5

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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	2,673	82.4	42	42				42							
Holding with land	48,789	9,513.2	32,122	25,898	4,135	2,089	12,197	1,086	1,587	16,249	2,130	1,170	13,868	5,298.3	10,175
under 0.1 ha	18,713	880.1	6,934	6,057	752	125	1,671	292	209	2,297	585	459	3,634	233.0	951
0.1 ha and under 0.2 ha	12,740	1,755.6	9,900	7,644	1,713	543	4,511	84	794	4,929	794	459	4,219	882.1	2,190
0.2 ha and under 0.5 ha	13,868	4,221.5	12,197	9,774	1,128	1,295	5,180	627	501	7,101	585	209	4,804	2,979.2	4,725
0.5 ha and under 1 ha	2,882	1,921.0	2,548	1,921	501	125	752	42	84	1,713	125	42	877	905.5	1,836
1 ha and under 2 ha	585	735.1	543	501	42		84	42		209	42		334	298.6	474
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	51,462	9,595.6	32,164	25,940	4,135	2,089	12,197	1,128	1,587	16,249	2,130	1,170	13,868	5,298.3	10,175

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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	2,673	82.4	209	84	42	84	42	42			42		167	1.2	3
Holding with land	48,789	9,513.2	34,545	24,018	4,971	5,556	8,438	1,713	794	6,767	4,887	1,170	22,974	2,105.1	6,556
under 0.1 ha	18,713	880.1	11,905	8,062	2,256	1,587	2,799	1,003	585	2,632	2,297	334	6,642	213.3	777
0.1 ha and under 0.2 ha	12,740	1,755.6	8,814	6,224	1,295	1,295	2,339	334	167	1,253	961	543	6,433	380.7	1,441
0.2 ha and under 0.5 ha	13,868	4,221.5	10,777	7,602	1,086	2,089	2,799	376	42	2,256	1,128	292	7,811	870.2	3,036
0.5 ha and under 1 ha	2,882	1,921.0	2,464	1,713	251	501	459			501	334		1,713	419.4	980
1 ha and under 2 ha	585	735.1	585	418	84	84	42			125	167		376	221.5	322
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	51,462	9,595.6	34,754	24,102	5,013	5,639	8,480	1,754	794	6,767	4,929	1,170	23,141	2,106.3	6,560

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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 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	2,673	82.4	42	42			42								
Holding with land	48,789	9,513.2	26,065	19,632	6,433		8,104	961	418	13,492	2,423	501	11,696	3,049.0	6,358
under 0.1 ha	18,713	880.1	5,013	4,344	668		961	167	42	1,546	668	167	2,966	140.6	513
0.1 ha and under 0.2 ha	12,740	1,755.6	7,393	5,430	1,963		2,632	167	334	3,718	668	251	3,342	516.9	1,351
0.2 ha and under 0.5 ha	13,868	4,221.5	10,819	7,937	2,882		3,926	459	42	6,558	877	84	4,302	1,575.5	3,133
0.5 ha and under 1 ha	2,882	1,921.0	2,339	1,462	877		543	84		1,546	84		835	632.2	1,133
1 ha and under 2 ha	585	735.1	501	459	42		42	84		125	125		251	183.8	228
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	51,462	9,595.6	26,107	19,674	6,433		8,104	1,003	418	13,492	2,423	501	11,696	3,049.0	6,358

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

Total area of holding	Total		Potato												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with mineral/ chemical fertilizer and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using			Area (ha)	Quantity (Qtl.)
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical fertilizers	Both	Local fertilizers	Mineral/chemical fertilizers	Both		
Holding without land	2,673	82.4													
Holding with land	48,789	9,513.2	18,087	11,863	5,221	1,003	13,116	1,295	1,253	10,693	1,713	167	5,054	1,406.2	4,354
under 0.1 ha	18,713	880.1	4,386	2,924	1,337	125	2,757	459	334	2,130	835	84	1,128	94.8	413
0.1 ha and under 0.2 ha	12,740	1,755.6	5,180	3,383	1,462	334	3,634	376	376	2,840	376	84	1,796	417.1	1,164
0.2 ha and under 0.5 ha	13,868	4,221.5	6,642	4,386	1,880	376	5,221	418	501	4,302	418		1,713	622.7	1,854
0.5 ha and under 1 ha	2,882	1,921.0	1,796	1,086	543	167	1,462		42	1,378	42		418	270.6	915
1 ha and under 2 ha	585	735.1	84	84			42	42		42	42			1.1	8
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	51,462	9,595.6	18,087	11,863	5,221	1,003	13,116	1,295	1,253	10,693	1,713	167	5,054	1,406.2	4,354

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

Total area of holding	Total		Sugarcane												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with chemical/mineral fertilizer and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using				
				Local seeds	Improved seeds	Hybrid seeds		No. of holdings using	Local fertilizers	Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both	Area (ha)
Holding without land	2,673	82.4	42		42							42			
Holding with land	48,789	9,513.2													
under 0.1 ha	18,713	880.1													
0.1 ha and under 0.2 ha	12,740	1,755.6													
0.2 ha and under 0.5 ha	13,868	4,221.5													
0.5 ha and under 1 ha	2,882	1,921.0													
1 ha and under 2 ha	585	735.1													
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	51,462	9,595.6	42		42						42				

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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				
				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	2,673	82.4	376	251	125		42	42			334		42	0.1	0
Holding with land	48,789	9,513.2	41,186	25,230	13,659	2,297	14,035	6,725	752	7,393	16,625	627	13,952	712.7	2,124
under 0.1 ha	18,713	880.1	16,541	10,359	5,514	668	4,511	3,342	418	2,089	6,475	376	5,848	160.9	651
0.1 ha and under 0.2 ha	12,740	1,755.6	10,359	6,099	3,425	835	3,509	1,462	167	1,796	4,135	84	3,801	157.7	482
0.2 ha and under 0.5 ha	13,868	4,221.5	11,571	7,352	3,592	627	4,804	1,671	167	2,799	4,929	167	3,467	324.4	816
0.5 ha and under 1 ha	2,882	1,921.0	2,339	1,211	961	167	1,044	167		668	877		752	61.2	152
1 ha and under 2 ha	585	735.1	376	209	167		167	84		42	209		84	8.5	23
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	51,462	9,595.6	41,562	25,480	13,784	2,297	14,077	6,767	752	7,393	16,959	627	13,993	712.8	2,125

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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	2,673	82.4	251	251				42				251				
Holding with land	48,789	9,513.2	38,680	36,717	1,587	376	2,172	11,612	459	1,128	27,485	459	3,801	296.5	550	
under 0.1 ha	18,713	880.1	14,160	13,200	919	42	710	4,678	42	292	10,276	42	1,086	20.1	49	
0.1 ha and under 0.2 ha	12,740	1,755.6	9,858	9,398	292	167	627	2,924	125	376	6,892	125	1,128	63.1	215	
0.2 ha and under 0.5 ha	13,868	4,221.5	11,529	11,028	376	125	752	3,133	251	376	7,978	209	1,337	128.4	230	
0.5 ha and under 1 ha	2,882	1,921.0	2,632	2,590		42	84	752	42	84	1,921	84	209	74.4	50	
1 ha and under 2 ha	585	735.1	501	501				125			418		42	10.6	6	
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	51,462	9,595.6	38,931	36,967	1,587	376	2,172	11,654	459	1,128	27,736	459	3,801	296.5	550	

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

Total area of holding	Livestock											
	Total		Cattle		Yak/Nak/Chauri		Buffalo		Goat		Sheep	
	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads
Holding without land	1,953	11,669	749	2,656			197	630	362	2,904	96	1,188
Holding with land	22,026	88,180	12,434	19,426			4,187	6,262	13,992	61,386	287	428
Under 0.1 ha	5,136	18,267	2,474	3,921			553	778	3,176	13,027		
0.1 ha and under 0.2 ha	5,823	21,003	3,255	4,958			829	1,260	3,498	14,358	192	333
0.2 ha and under 0.5 ha	8,608	34,622	5,045	7,816			1,856	2,631	5,549	24,038	96	95
0.5 ha and under 1 ha	2,062	12,354	1,302	2,150			790	1,371	1,528	8,833		
1 ha and under 2 ha	398	1,933	358	582			158	222	241	1,129		
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	23,979	99,848	13,183	22,082			4,384	6,892	14,354	64,290	383	1,615

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

Total area of holding	Livestock									
	Pig		Horse		Mules and Asses		Rabbit		Other	
	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads
Holding without land	390	4,250							42	42
Holding with land	136	594							84	84
Under 0.1 ha	102	541								
0.1 ha and under 0.2 ha	34	53							42	42
0.2 ha and under 0.5 ha									42	42
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	526	4,844							125	125

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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	749	2,656	481	2,175	860	177	683	253	51	202	607	126	481
Holding with land	12,434	19,426	12,015	7,411	5,185	3,137	2,049	1,745	1,239	506	3,440	1,897	1,543
under 0.1 ha	2,474	3,921	1,543	2,378	1,088	506	582	278	126	152	809	379	430
0.1 ha and under 0.2 ha	3,255	4,958	3,111	1,846	1,442	885	556	455	379	76	986	506	481
0.2 ha and under 0.5 ha	5,045	7,816	5,362	2,454	1,998	1,315	683	708	506	202	1,290	809	481
0.5 ha and under 1 ha	1,302	2,150	1,568	582	531	329	202	253	202	51	278	126	152
1 ha and under 2 ha	358	582	430	152	126	101	25	51	25	25	76	76	
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	13,183	22,082	12,495	9,587	6,045	3,314	2,732	1,998	1,290	708	4,047	2,024	2,024

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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	126	25	101	51		51	76	25	51
Holding with land	2,150	1,164	986	481	304	177	1,669	860	809
under 0.1 ha	379	126	253	76	25	51	304	101	202
0.1 ha and under 0.2 ha	430	177	253	101	51	51	329	126	202
0.2 ha and under 0.5 ha	961	531	430	177	126	51	784	405	379
0.5 ha and under 1 ha	329	278	51	101	76	25	228	202	25
1 ha and under 2 ha	51	51		25	25		25	25	
2 ha and under 3 ha									
3 ha and under 4 ha									
4 ha and under 5 ha									
5 ha and under 10 ha									
10 ha and over									
Total	2,276	1,189	1,088	531	304	228	1,745	885	860

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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	1,669	278	1,391				1,290	177	1,113	379	101	278
Holding with land	12,091	7,715	4,376	1,366	1,366		7,082	4,224	2,858	3,642	2,125	1,518
Under 0.1 ha	2,454	911	1,543	126	126		1,568	481	1,088	759	304	455
0.1 ha and Under 0.2 ha	3,086	2,049	1,037	278	278		1,821	1,214	607	986	556	430
0.2 ha and Under 0.5 ha	4,857	3,516	1,341	582	582		2,757	1,872	885	1,518	1,062	455
0.5 ha and Under 1 ha	1,290	961	329	278	278		734	531	202	278	152	126
1 ha and Under 2 ha	405	278	126	101	101		202	126	76	101	51	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	13,760	7,993	5,767	1,366	1,366		8,372	4,401	3,971	4,022	2,226	1,796

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

Total area of holding	Yak/Nak/Chauri											
	All ages		Under one year			One to three year			Three years and over			
	No. of holdings	No. of heads	Total	Male	Female	Total	Male	Female	Total	Male	Female	
			No. of heads	No. of heads	No. of heads	No. of heads	No. of heads	No. of heads	No. of heads	No. of heads	No. of heads	Nak/Chauri No. of heads
Holding without land												
Holding with land												
under 0.1 ha												
0.1 ha and under 0.2 ha												
0.2 ha and under 0.5 ha												
0.5 ha and under 1 ha												
1 ha and under 2 ha												
2 ha and under 3 ha												
3 ha and under 4 ha												
4 ha and under 5 ha												
5 ha and under 10 ha												
10 ha and over												
Total												

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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	197	630	630		148	148		74	74		74	74	
Holding with land	4,187	6,262	5,669	593	1,260	1,112	148	445	371	74	815	741	74
under 0.1 ha	553	778	778		222	222		74	74		148	148	
0.1 ha and under 0.2 ha	829	1,260	1,000	259	371	296	74	74	37	37	296	259	37
0.2 ha and under 0.5 ha	1,856	2,631	2,483	148	296	296		148	148		148	148	
0.5 ha and under 1 ha	790	1,371	1,186	185	371	296	74	148	111	37	222	185	37
1 ha and under 2 ha	158	222	222										
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	4,384	6,892	6,299	593	1,408	1,260	148	519	445	74	889	815	74

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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	1,112	1,038	74	333	333		778	704	74
under 0.1 ha	148	148		37	37		111	111	
0.1 ha and under 0.2 ha	148	111	37	74	74		74	37	37
0.2 ha and under 0.5 ha	704	667	37	185	185		519	482	37
0.5 ha and under 1 ha	111	111		37	37		74	74	
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	1,112	1,038	74	333	333		778	704	74

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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	482	482		74	74		408	408				
Holding with land	3,891	3,520	371	1,075	1,075		1,556	1,260	296	1,260	1,186	74
Under 0.1 ha	408	408		222	222		148	148		37	37	
0.1 ha and Under 0.2 ha	741	593	148	259	259		333	185	148	148	148	
0.2 ha and Under 0.5 ha	1,630	1,519	111	482	482		519	482	37	630	556	74
0.5 ha and Under 1 ha	889	778	111	111	111		482	371	111	296	296	
1 ha and Under 2 ha	222	222					74	74		148	148	
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	4,372	4,002	371	1,149	1,149		1,964	1,667	296	1,260	1,186	74

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

Total area of holding	Goat												
	All ages				Under six months								
	No. of holdings	No. of heads			No. of heads			Male			Female		
		Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	362	2,904	2,218	686	1,008	847	161	524	444	81	484	403	81
Holding with land	13,992	61,386	57,272	4,114	24,845	23,151	1,694	13,068	12,664	403	11,777	10,486	1,291
Under 0.1 ha	3,176	13,027	11,414	1,613	5,364	4,679	686	2,581	2,420	161	2,783	2,259	524
0.1 ha and Under 0.2 ha	3,498	14,358	13,511	847	6,171	5,848	323	3,348	3,307	40	2,823	2,541	282
0.2 ha and Under 0.5 ha	5,549	24,038	22,465	1,573	9,639	8,954	686	5,042	4,840	202	4,598	4,114	484
0.5 ha and Under 1 ha	1,528	8,833	8,833		3,267	3,267		2,057	2,057		1,210	1,210	
1 ha and Under 2 ha	241	1,129	1,049	81	403	403		40	40		363	363	
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	14,354	64,290	59,490	4,800	25,853	23,998	1,855	13,592	13,108	484	12,261	10,890	1,371

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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	1,896	1,371	524	645	444	202	1,250	928	323
Holding with land	36,541	34,121	2,420	13,390	12,584	807	23,151	21,538	1,613
Under 0.1 ha	7,663	6,736	928	3,388	2,944	444	4,275	3,791	484
0.1 ha and Under 0.2 ha	8,187	7,663	524	2,783	2,622	161	5,405	5,042	363
0.2 ha and Under 0.5 ha	14,399	13,511	887	4,477	4,275	202	9,922	9,236	686
0.5 ha and Under 1 ha	5,566	5,566		2,460	2,460		3,106	3,106	
1 ha and Under 2 ha	726	645	81	282	282		444	363	81
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	38,437	35,493	2,944	14,036	13,027	1,008	24,401	22,465	1,936

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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	96	1,188		1,188	1,188		1,188	950		950	238		238
Holding with land	287	428	428		238	238		95	95		143	143	
Under 0.1 ha													
0.1 ha and Under 0.2 ha	192	333	333		238	238		95	95		143	143	
0.2 ha and Under 0.5 ha	96	95	95										
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	383	1,615	428	1,188	1,425	238	1,188	1,045	95	950	380	143	238

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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	190	190				190	190		
Under 0.1 ha									
0.1 ha and Under 0.2 ha	95	95				95	95		
0.2 ha and Under 0.5 ha	95	95				95	95		
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	190	190				190	190		

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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	390	4,250		4,250	2,599		2,599	1,650		1,650
Holding with land	136	594	115	479	506	44	461	89	71	18
Under 0.1 ha	102	541	62	479	497	35	461	44	27	18
0.1 ha and Under 0.2 ha	34	53	53		9	9		44	44	
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	526	4,844	115	4,729	3,105	44	3,061	1,739	71	1,668

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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	961	320,384	752	7,101	2,590	1,337	1,462	1,713	251	313,283	246,450		66,834
Holding with land	15,163	1,252,715	13,701	119,883	71,679	18,839	18,338	11,028	2,089	1,132,832	958,396	163,409	11,028
Under 0.1 ha	5,639	454,177	5,054	39,724	19,507	7,101	8,229	4,887	794	414,453	361,654	42,272	10,526
0.1 ha and Under 0.2 ha	3,718	267,962	3,342	49,833	39,056	3,968	3,592	3,216	459	218,129	175,773	42,231	125
0.2 ha and Under 0.5 ha	4,720	401,754	4,302	22,682	10,276	5,263	5,180	1,963	668	379,073	312,323	66,374	376
0.5 ha and Under 1 ha	919	114,662	877	6,015	2,130	2,381	961	543	125	108,647	108,647		
1 ha and Under 2 ha	167	14,160	125	1,629	710	125	376	418	42	12,531		12,531	
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	16,124	1,573,100	14,453	126,984	74,269	20,175	19,800	12,740	2,339	1,446,116	1,204,846	163,409	77,861

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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	125	7,185	42	1,044		
Holding with land	1,420	4,219	125	1,378		
Under 0.1 ha	418	1,253				
0.1 ha and Under 0.2 ha	376	1,128	84	334		
0.2 ha and Under 0.5 ha	459	1,295	42	1,044		
0.5 ha and Under 1 ha	167	543				
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	1,546	11,404	167	2,423		

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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	2,673	82.4		42	167				42			125	
Holding with land	48,789	9,513.2	668	10,359	1,546	376			9,190	3,216		13,409	752
Under 0.1 ha	18,713	880.1	167	1,754	1,003	125			1,211	710		3,843	84
0.1 ha and Under 0.2 ha	12,740	1,755.6	209	3,258	209	42			2,757	961		3,342	334
0.2 ha and Under 0.5 ha	13,868	4,221.5	167	4,261	251	167			4,177	1,211		4,971	292
0.5 ha and Under 1 ha	2,882	1,921.0	125	1,003	42	42			961	292		1,128	42
1 ha and Under 2 ha	585	735.1		84	42				84	42		125	
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	51,462	9,595.6	668	10,401	1,713	376			9,231	3,216		13,534	752

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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	2,673	82.4													
Holding with land	48,789	9,513.2	42	42	42			627	627	627					
Under 0.1 ha	18,713	880.1						84	84	84					
0.1 ha and Under 0.2 ha	12,740	1,755.6	42	42	42			167	167	167					
0.2 ha and Under 0.5 ha	13,868	4,221.5						251	251	251					
0.5 ha and Under 1 ha	2,882	1,921.0						125	125	125					
1 ha and Under 2 ha	585	735.1													
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	51,462	9,595.6	42	42	42			627	627	627					

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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	167	167	167									
Holding with land	1,337	1,337	1,337				334	334	334			
Under 0.1 ha	961	961	961				125	125	125			
0.1 ha and Under 0.2 ha	84	84	84				42	42	42			
0.2 ha and Under 0.5 ha	251	251	251				167	167	167			
0.5 ha and Under 1 ha												
1 ha and Under 2 ha	42	42	42									
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	1,504	1,504	1,504				334	334	334			

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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	2,799	2,799	2,673	125			1,253	1,253	1,253			
Under 0.1 ha	376	376	334	42			251	251	251			
0.1 ha and Under 0.2 ha	501	501	459	42			334	334	334			
0.2 ha and Under 0.5 ha	1,337	1,337	1,295	42			459	459	459			
0.5 ha and Under 1 ha	501	501	501				167	167	167			
1 ha and Under 2 ha	84	84	84				42	42	42			
2 ha and Under 3 ha												
3 ha and Under 4 ha												
4 ha and Under 5 ha												
5 ha and Under 10 ha												
10 ha and over												
Total	2,799	2,799	2,673	125			1,253	1,253	1,253			

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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							125	125	125			
Holding with land							10,526	10,819	10,526	84		209
Under 0.1 ha							3,383	3,467	3,467			
0.1 ha and Under 0.2 ha							2,464	2,506	2,423	42		42
0.2 ha and Under 0.5 ha							3,592	3,759	3,551	42		167
0.5 ha and Under 1 ha							961	961	961			
1 ha and Under 2 ha							125	125	125			
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							10,652	10,944	10,652	84		209

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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	125	125	84			42
Under 0.1 ha						
0.1 ha and Under 0.2 ha	125	125	84			42
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	125	125	84			42

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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	1,504	2,381	1,378	1,003		543	710	543	167	
Holding with land	15,205	15,706	15,539	125	42	2,381	2,548	2,339	84	125
Under 0.1 ha	3,342	3,425	3,300	84	42	1,420	1,462	1,378		84
0.1 ha and Under 0.2 ha	3,968	4,052	4,010	42		459	501	376	84	42
0.2 ha and Under 0.5 ha	5,890	6,015	6,015			334	376	376		
0.5 ha and Under 1 ha	1,796	2,005	2,005			125	167	167		
1 ha and Under 2 ha	209	209	209			42	42	42		
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	16,708	18,087	16,917	1,128	42	2,924	3,258	2,882	251	125

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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	42	42	42							
Holding with land	376	376	376			209	209	209		
Under 0.1 ha	84	84	84			42	42	42		
0.1 ha and Under 0.2 ha	42	42	42			84	84	84		
0.2 ha and Under 0.5 ha	125	125	125			84	84	84		
0.5 ha and Under 1 ha	84	84	84							
1 ha and Under 2 ha	42	42	42							
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	418	418	418			209	209	209		

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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	2,673	82.4					
Holding with land	48,789	9,513.2	3,885	1,671	100.5	130,785	40,602
Under 0.1 ha	18,713	880.1	418	42	0.5	1,671	2,632
0.1 ha and Under 0.2 ha	12,740	1,755.6	1,086	459	13.3	25,021	12,239
0.2 ha and Under 0.5 ha	13,868	4,221.5	1,504	752	37.9	60,693	14,954
0.5 ha and Under 1 ha	2,882	1,921.0	794	376	38.2	37,845	10,568
1 ha and Under 2 ha	585	735.1	84	42	10.6	5,556	209
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	51,462	9,595.6	3,885	1,671	100.5	130,785	40,602

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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	2,673	82.4					
Holding with land	48,789	9,513.2	3,885	3,509	251		125
Under 0.1 ha	18,713	880.1	418	251	42		125
0.1 ha and Under 0.2 ha	12,740	1,755.6	1,086	1,003	84		
0.2 ha and Under 0.5 ha	13,868	4,221.5	1,504	1,420	84		
0.5 ha and Under 1 ha	2,882	1,921.0	794	752	42		
1 ha and Under 2 ha	585	735.1	84	84			
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	51,462	9,595.6	3,885	3,509	251		125

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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	2,673	82.4				
Holding with land	48,789	9,513.2	585		167	
Under 0.1 ha	18,713	880.1	209		125	
0.1 ha and Under 0.2 ha	12,740	1,755.6	167		42	
0.2 ha and Under 0.5 ha	13,868	4,221.5	84			
0.5 ha and Under 1 ha	2,882	1,921.0	84			
1 ha and Under 2 ha	585	735.1	42			
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	51,462	9,595.6	585		167	

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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	2,673	82.4						
Holding with land	48,789	9,513.2						
Under 0.1 ha	18,713	880.1						
0.1 ha and Under 0.2 ha	12,740	1,755.6						
0.2 ha and Under 0.5 ha	13,868	4,221.5						
0.5 ha and Under 1 ha	2,882	1,921.0						
1 ha and Under 2 ha	585	735.1						
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	51,462	9,595.6						

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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	2,673	82.4	2,005	668	209				167	292	
Holding with land	48,789	9,513.2	44,987	3,801	1,378	501	209	209	1,128	334	42
Under 0.1 ha	18,713	880.1	17,586	1,128	376	125	84	84	292	125	42
0.1 ha and Under 0.2 ha	12,740	1,755.6	11,529	1,211	292	209	84	84	418	125	
0.2 ha and Under 0.5 ha	13,868	4,221.5	12,573	1,295	627	125	42	42	376	84	
0.5 ha and Under 1 ha	2,882	1,921.0	2,715	167	84	42			42		
1 ha and Under 2 ha	585	735.1	585								
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	51,462	9,595.6	46,992	4,470	1,587	501	209	209	1,295	627	42

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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	2,673	82.4	1,211				1,211		
Holding with land	48,789	9,513.2	15,288	4,094	1,880	1,420	6,475	251	1,170
Under 0.1 ha	18,713	880.1	4,804	1,044	501	84	2,673	84	418
0.1 ha and Under 0.2 ha	12,740	1,755.6	4,887	1,587	501	501	1,921	84	292
0.2 ha and Under 0.5 ha	13,868	4,221.5	4,553	1,044	668	794	1,546	84	418
0.5 ha and Under 1 ha	2,882	1,921.0	961	376	167	42	334		42
1 ha and Under 2 ha	585	735.1	84	42	42				
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	51,462	9,595.6	16,500	4,094	1,880	1,420	7,686	251	1,170

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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	2,673	82.4	11,654	4.4	1,880	794	1,337	1,337
Holding with land	48,789	9,513.2	253,300	5.2	28,571	20,217	13,116	35,673
Under 0.1 ha	18,713	880.1	87,176	4.7	6,307	12,406	877	17,836
0.1 ha and Under 0.2 ha	12,740	1,755.6	65,414	5.1	7,686	5,054	2,297	10,443
0.2 ha and Under 0.5 ha	13,868	4,221.5	78,363	5.7	11,362	2,506	6,976	6,892
0.5 ha and Under 1 ha	2,882	1,921.0	19,048	6.6	2,715	167	2,464	418
1 ha and Under 2 ha	585	735.1	3,300	5.6	501	84	501	84
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	51,462	9,595.6	264,954	5.1	30,451	21,011	14,453	37,009

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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	2,673	1,337	125	251	459	501	251	877	42	84		84	
Holding with land	48,789	35,673	2,715	10,652	13,200	9,106	6,976	22,389	1,921	1,587	1,754	292	752
Under 0.1 ha	18,713	17,836	585	2,548	6,850	7,853	3,759	10,860	794	1,003	668	125	627
0.1 ha and Under 0.2 ha	12,740	10,443	835	3,968	4,678	961	1,963	6,850	501	418	585	84	42
0.2 ha and Under 0.5 ha	13,868	6,892	1,086	3,885	1,629	292	1,211	4,261	627	167	501	84	42
0.5 ha and Under 1 ha	2,882	418	209	167	42		42	334					42
1 ha and Under 2 ha	585	84		84				84					
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	51,462	37,009	2,840	10,902	13,659	9,607	7,226	23,267	1,963	1,671	1,754	376	752

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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	2,673	82.4	1,420	710	251	209	42	42
Holding with land	48,789	9,513.2	15,581	11,028	8,062	12,573	1,253	292
Under 0.1 ha	18,713	880.1	7,268	4,595	3,467	2,966	418	
0.1 ha and Under 0.2 ha	12,740	1,755.6	3,926	3,091	1,838	3,342	459	84
0.2 ha and Under 0.5 ha	13,868	4,221.5	3,383	2,715	2,381	4,971	292	125
0.5 ha and Under 1 ha	2,882	1,921.0	835	501	251	1,128	84	84
1 ha and Under 2 ha	585	735.1	167	125	125	167		
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	51,462	9,595.6	17,001	11,738	8,312	12,782	1,295	334

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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	2,673	82.4	459	84	42	418	251	1,420
Holding with land	48,789	9,513.2	7,143	668	835	7,602	16,959	15,581
Under 0.1 ha	18,713	880.1	2,464	251	292	2,757	5,681	7,268
0.1 ha and Under 0.2 ha	12,740	1,755.6	1,963	125	251	2,047	4,428	3,926
0.2 ha and Under 0.5 ha	13,868	4,221.5	2,089	209	167	2,297	5,723	3,383
0.5 ha and Under 1 ha	2,882	1,921.0	459	84	84	418	1,003	835
1 ha and Under 2 ha	585	735.1	167		42	84	125	167
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	51,462	9,595.6	7,602	752	877	8,020	17,210	17,001

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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	2,673	82.4	2,548	125	2,632	42	
Holding with land	48,789	9,513.2	46,115	2,673	48,371	209	209
Under 0.1 ha	18,713	880.1	17,711	1,003	18,588	84	42
0.1 ha and Under 0.2 ha	12,740	1,755.6	12,197	543	12,615		125
0.2 ha and Under 0.5 ha	13,868	4,221.5	12,991	877	13,784	42	42
0.5 ha and Under 1 ha	2,882	1,921.0	2,632	251	2,799	84	
1 ha and Under 2 ha	585	735.1	585		585		
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	51,462	9,595.6	48,663	2,799	51,003	251	209

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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	2,673	82.4	418	2,256	42	84			2,172	376		
Holding with land	48,789	9,513.2	45,614	3,175	37,469	9,566	84	42	1,086	418		125
Under 0.1 ha	18,713	880.1	16,959	1,754	9,691	7,728	42		919	251		84
0.1 ha and Under 0.2 ha	12,740	1,755.6	12,239	501	11,195	1,295			125	84		42
0.2 ha and Under 0.5 ha	13,868	4,221.5	13,200	668	13,200	501		42	42	84		
0.5 ha and Under 1 ha	2,882	1,921.0	2,673	209	2,799	42	42					
1 ha and Under 2 ha	585	735.1	543	42	585							
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	51,462	9,595.6	46,032	5,430	37,510	9,649	84	42	3,258	794		125

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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	2,673	82.4				42	334		125			42		
Holding with land	48,789	9,513.2	42	1,170	167	752	7,226	1,003	877	167	42	167	42	292
Under 0.1 ha	18,713	880.1		501	42	585	2,757	543	376			42		125
0.1 ha and Under 0.2 ha	12,740	1,755.6		459	42	42	2,005	125	167	84	42	42	42	42
0.2 ha and Under 0.5 ha	13,868	4,221.5	42	209	42	125	1,963	292	251	42		42		125
0.5 ha and Under 1 ha	2,882	1,921.0			42		418	42	84	42		42		
1 ha and Under 2 ha	585	735.1					84							
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	51,462	9,595.6	42	1,170	167	794	7,561	1,003	1,003	167	42	209	42	292

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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	2,673	82.4						
Holding with land	48,789	9,513.2	3,133	164.0	459	78.6	668	49.9
Under 0.1 ha	18,713	880.1	376	11.2			167	13.8
0.1 ha and Under 0.2 ha	12,740	1,755.6	710	19.9	167	14.9	167	14.1
0.2 ha and Under 0.5 ha	13,868	4,221.5	1,587	63.5	167	34.0	209	15.7
0.5 ha and Under 1 ha	2,882	1,921.0	459	69.5	125	29.7	125	6.4
1 ha and Under 2 ha	585	735.1						
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	51,462	9,595.6	3,133	164.0	459	78.6	668	49.9

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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	2,673	167	251	167	84	125	3,509	3,300	209				
Holding with land	48,789	543	877	668	209	25,439	1,216,249	543,108	673,141	18,922	514,495	204,302	310,192
Under 0.1 ha	18,713	125	251	167	84	4,762	92,314	43,525	48,789	3,467	59,190	22,055	37,135
0.1 ha and Under 0.2 ha	12,740	125	125	125		7,477	258,104	113,033	145,071	5,639	135,004	51,420	83,584
0.2 ha and Under 0.5 ha	13,868	125	125	125		10,317	576,608	259,440	317,168	7,937	255,764	104,470	151,295
0.5 ha and Under 1 ha	2,882	84	251	167	84	2,464	223,977	97,786	126,191	1,713	58,271	23,225	35,046
1 ha and Under 2 ha	585	84	125	84	42	418	65,246	29,323	35,923	167	6,266	3,133	3,133
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	51,462	710	1,128	835	292	25,564	1,219,758	546,408	673,350	18,922	514,495	204,302	310,192

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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	2,673	1,504	1,170				84	292	292
Holding with land	48,789	34,294	14,495			585	459	2,799	2,632
Under 0.1 ha	18,713	10,819	7,895			334	292	1,086	1,546
0.1 ha and Under 0.2 ha	12,740	9,691	3,049				84	710	543
0.2 ha and Under 0.5 ha	13,868	10,693	3,175			209	84	835	543
0.5 ha and Under 1 ha	2,882	2,506	376			42		125	
1 ha and Under 2 ha	585	585						42	
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	51,462	35,798	15,664			585	543	3,091	2,924

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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	585	251	501	334	84	209	42	
Holding with land	10,067	4,637	9,190	3,718	6,475	1,921	5,180	1,128
Under 0.1 ha	3,759	2,590	2,673	2,005	1,713	919	1,253	543
0.1 ha and Under 0.2 ha	3,133	1,295	2,256	376	1,963	501	1,629	251
0.2 ha and Under 0.5 ha	2,673	668	3,258	1,170	2,130	459	1,587	251
0.5 ha and Under 1 ha	376	84	835	167	543	42	585	84
1 ha and Under 2 ha	125		167		125		125	
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	10,652	4,887	9,691	4,052	6,558	2,130	5,221	1,128

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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	82.4	52.0	30.4				0.9	13.1	8.0
Holding with land	9,513.2	7,618.8	1,894.5			101.1	41.3	514.7	286.7
Under 0.1 ha	880.1	529.4	350.7			16.6	13.4	50.3	69.1
0.1 ha and Under 0.2 ha	1,755.6	1,351.4	404.2				9.2	93.0	75.1
0.2 ha and Under 0.5 ha	4,221.5	3,304.9	916.6			55.8	18.7	246.1	142.5
0.5 ha and Under 1 ha	1,921.0	1,698.0	223.0			28.7		82.9	
1 ha and Under 2 ha	735.1	735.1						42.5	
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	9,595.6	7,670.8	1,924.9			101.1	42.2	527.9	294.7

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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	24.4	4.5	11.9	12.2	2.4	4.8	0.1	
Holding with land	1,770.3	538.4	2,185.0	588.1	1,619.6	262.4	1,428.1	177.5
Under 0.1 ha	178.2	104.6	119.6	97.4	95.1	39.4	69.6	26.8
0.1 ha and Under 0.2 ha	429.2	166.3	312.3	54.1	283.2	68.3	233.7	31.3
0.2 ha and Under 0.5 ha	775.1	212.6	999.1	340.0	699.6	133.5	529.2	69.3
0.5 ha and Under 1 ha	248.0	55.0	556.3	96.7	365.4	21.2	416.8	50.1
1 ha and Under 2 ha	139.9		197.6		176.4		178.8	
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	1,794.7	543.0	2,196.9	600.3	1,622.0	267.1	1,428.2	177.5

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

Total area of holding	Total number of holdings	Farm population							
		All Ages		Under 15 Years		15 - 24 Years		25 - 34 Years	
		Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	2,673	5,931	5,723	1,211	1,128	1,253	1,253	1,086	1,003
Holding with land	48,789	127,861	125,439	27,736	25,021	27,569	27,987	22,723	24,144
Under 0.1 ha	18,713	44,194	42,982	9,398	8,229	10,526	9,774	6,516	7,728
0.1 ha and Under 0.2 ha	12,740	32,122	33,292	6,725	6,892	6,850	7,185	5,556	6,433
0.2 ha and Under 0.5 ha	13,868	39,390	38,972	8,647	7,937	7,686	8,897	8,354	7,644
0.5 ha and Under 1 ha	2,882	10,234	8,814	2,464	1,671	2,047	1,921	1,963	1,963
1 ha and Under 2 ha	585	1,921	1,378	501	292	459	209	334	376
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	51,462	133,793	131,161	28,947	26,149	28,822	29,240	23,810	25,146

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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	1,086	1,086	752	668	209	334	334	251
Holding with land	20,259	19,465	13,743	13,241	8,229	7,853	7,602	7,728
Under 0.1 ha	7,937	7,769	5,013	4,302	2,506	2,840	2,297	2,339
0.1 ha and Under 0.2 ha	5,430	5,388	3,175	2,882	2,214	2,256	2,172	2,256
0.2 ha and Under 0.5 ha	5,430	5,013	4,261	4,971	2,673	2,089	2,339	2,423
0.5 ha and Under 1 ha	1,295	1,128	1,086	961	710	585	668	585
1 ha and Under 2 ha	167	167	209	125	125	84	125	125
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	21,345	20,551	14,495	13,910	8,438	8,187	7,937	7,978

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Table 29. Educational level of holders

Total area of holding	Total		Level of education							
			Upto 5 class		6 - 10 class		SLC		Intermediate level / 10+2	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	1,504	1,170	251	42	585	251	84	42	84	
Holding with land	34,294	14,495	4,386	1,211	9,106	2,632	3,049	752	2,924	585
Under 0.1 ha	10,819	7,895	1,671	752	2,840	1,295	919	585	1,086	376
0.1 ha and Under 0.2 ha	9,691	3,049	1,211	209	3,300	668	794	125	668	125
0.2 ha and Under 0.5 ha	10,693	3,175	1,337	251	2,590	627	877	42	919	84
0.5 ha and Under 1 ha	2,506	376	125		292	42	418		251	
1 ha and Under 2 ha	585		42		84		42			
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	35,798	15,664	4,637	1,253	9,691	2,882	3,133	794	3,008	585

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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	84						251	292	167	543
Holding with land	1,754	167	459	42	209		7,978	4,135	4,428	4,971
Under 0.1 ha	752	167	167	42	125		2,297	2,130	961	2,548
0.1 ha and Under 0.2 ha	251		84		42		2,047	877	1,295	1,044
0.2 ha and Under 0.5 ha	543		167		42		2,548	1,086	1,671	1,086
0.5 ha and Under 1 ha	42		42				919	42	418	292
1 ha and Under 2 ha	167						167		84	
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	1,838	167	459	42	209		8,229	4,428	4,595	5,514

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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	4,428	4,219	1,295	1,003	1,211	1,086	376	459	501	292
Holding with land	86,090	105,723	19,883	21,554	26,775	25,188	10,610	9,357	13,409	10,819
Under 0.1 ha	31,161	33,375	7,310	7,018	9,231	9,064	3,759	3,300	5,388	3,383
0.1 ha and Under 0.2 ha	20,718	28,697	4,553	6,099	6,642	6,600	2,548	1,963	3,133	2,590
0.2 ha and Under 0.5 ha	25,982	34,169	5,639	6,475	8,145	7,519	3,425	3,133	3,885	4,010
0.5 ha and Under 1 ha	7,018	8,145	1,963	1,629	2,464	1,754	752	794	752	794
1 ha and Under 2 ha	1,211	1,337	418	334	292	251	125	167	251	42
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	90,518	109,942	21,178	22,556	27,987	26,274	10,986	9,816	13,910	11,111

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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	209	84	125	84	42		459	543	209	668
Holding with land	7,352	4,511	1,629	1,295	125	125	3,718	12,490	2,590	20,384
Under 0.1 ha	2,339	1,462	501	376	42		1,546	3,133	1,044	5,639
0.1 ha and Under 0.2 ha	1,963	1,295	418	418	42	42	835	4,010	585	5,681
0.2 ha and Under 0.5 ha	2,548	1,337	585	501	42	42	1,003	4,135	710	7,018
0.5 ha and Under 1 ha	418	292	125			42	292	1,170	251	1,671
1 ha and Under 2 ha	84	125					42	42		376
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	7,561	4,595	1,754	1,378	167	125	4,177	13,033	2,799	21,053

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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	1,504	1,170							42		42		84	
Holding with land	34,294	14,495	668		376	42	1,337	84	1,337	125	794	125	1,211	376
Under 0.1 ha	10,819	7,895	292		125	42	418	84	668	125	418	84	459	209
0.1 ha and Under 0.2 ha	9,691	3,049	209		125		334		251		292		376	167
0.2 ha and Under 0.5 ha	10,693	3,175	167		42		501		376		42	42	376	
0.5 ha and Under 1 ha	2,506	376			42		84		42		42			
1 ha and Under 2 ha	585				42									
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	35,798	15,664	668		376	42	1,337	84	1,378	125	835	125	1,295	376

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Table 31. Occupational distribution of holder (Continued)

Total area of holding	Main occupation													
	Skilled agriculture, forestry and fishery		Craft and related trade workers		Plants and machine operators and		Unskilled worker at elementary		Household chores		Student		Not working	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	1,128	1,003	42		42		42			125			84	42
Holding with land	21,303	9,440	2,966	125	752		1,546		125	3,676	42	42	1,838	459
Under 0.1 ha	5,514	4,804	1,253	84	376		710		42	2,172		42	543	251
0.1 ha and Under 0.2 ha	6,015	1,963	835	42	251		334			794			668	84
0.2 ha and Under 0.5 ha	7,268	2,381	752		125		418		42	627	42		543	125
0.5 ha and Under 1 ha	2,089	292	42				42		42	84			84	
1 ha and Under 2 ha	418		84				42							
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	22,431	10,443	3,008	125	794		1,587		125	3,801	42	42	1,921	501

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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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	4,135	3,718					125	42	42	42	42		42	42
Holding with land	76,775	98,079	2,590	292	961	334	2,047	794	2,423	1,003	2,423	1,671	3,008	1,671
Under 0.1 ha	27,987	30,827	919	42	251	42	752	125	1,128	418	543	627	1,211	543
0.1 ha and Under 0.2 ha	18,463	26,817	418	42	292	125	501	125	459	292	752	292	710	668
0.2 ha and Under 0.5 ha	23,183	31,788	1,003	209	292	125	710	376	752	251	835	543	835	459
0.5 ha and Under 1 ha	6,099	7,477	167		125		84	167	84	42	251	209	209	
1 ha and Under 2 ha	1,044	1,170	84			42					42		42	
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	80,911	101,796	2,590	292	961	334	2,172	835	2,464	1,044	2,464	1,671	3,049	1,713

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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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	752	501	334	84	167		84		167	1,587	1,838	1,128	543	292
Holding with land	9,774	8,145	8,521	2,339	3,634	376	1,587	627	1,211	43,442	34,962	33,124	3,634	4,261
Under 0.1 ha	2,005	1,963	3,551	710	1,546	292	668	292	668	13,116	13,074	11,195	1,671	1,462
0.1 ha and Under 0.2 ha	2,130	2,381	2,047	835	1,086	42	125	42	209	11,738	8,981	9,231	752	1,003
0.2 ha and Under 0.5 ha	4,344	3,216	2,172	627	794	42	585	251	251	14,035	9,733	10,234	877	1,420
0.5 ha and Under 1 ha	1,128	459	710	167	209		209	42	84	3,801	2,548	2,214	292	376
1 ha and Under 2 ha	167	125	42							752	627	251	42	
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	10,526	8,647	8,855	2,423	3,801	376	1,671	627	1,378	45,029	36,800	34,252	4,177	4,553

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.

