

National Sample Census of Agriculture

Nepal

2011/12

Chitawan

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

CHITAWAN

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

Total area of holding	Holdings				Fragmentation							
	Number	Area (ha)			Total no. of parcels	Average no. of parcels	Number of holdings consisting of parcels					
		Wet	Dry	Total			1	2-3	4-5	6-9	10 and over	
Holding without land	1,505	4.6	29.9	34.5	1,505	1.0	1,505					
Holding with land	86,737	33,463.5	7,133.6	40,597.1	166,120	1.9	32,983	48,636	4,300	774	43	
Under 0.1 ha	14,578	462.4	346.6	809.0	17,072	1.2	12,385	2,150	43			
0.1 ha and Under 0.2 ha	13,245	1,485.2	563.3	2,048.5	19,824	1.5	7,526	5,547	172			
0.2 ha and Under 0.5 ha	30,618	8,578.5	1,801.5	10,380.0	58,097	1.9	9,246	20,512	817	43		
0.5 ha and Under 1 ha	19,953	11,873.9	2,152.0	14,025.9	46,916	2.4	3,311	14,406	1,849	387		
1 ha and Under 2 ha	6,880	7,644.7	1,637.1	9,281.8	19,437	2.8	430	5,160	946	344		
2 ha and Under 3 ha	989	1,805.4	489.2	2,294.6	3,397	3.4	86	559	301		43	
3 ha and Under 4 ha	387	1,107.3	143.9	1,251.2	1,204	3.1		215	172			
4 ha and Under 5 ha	43	195.6		195.6	86	2.0		43				
5 ha and Under 10 ha	43	310.5		310.5	86	2.0		43				
10 ha and over												
Total	88,242	33,468.1	7,163.5	40,631.6	167,625	1.9	34,488	48,636	4,300	774	43	

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

Details may not add up to totals due to rounding.

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	Holdings		Tenure forms									
			One tenure forms						More than one tenure forms			
	Owned		Rented from others		Other tenure forms		No. of holdings	Area (ha)				
	Number	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)		No. of holdings	Area (ha)	Owned	Rented	Other tenure
Holding without land	1,505	34.5	1,376	33.0	43	0.4	86	1.1				
Holding with land	86,737	40,597.1	66,397	27,893.2	1,161	608.3	473	123.2	18,706	3,445.2	8,391.5	135.6
Under 0.1 ha	14,578	809.0	13,116	720.0	344	16.4	172	10.3	946	25.7	31.7	4.9
0.1 ha and under 0.2 ha	13,245	2,048.5	11,740	1,816.0			86	12.8	1,419	49.8	162.0	7.9
0.2 ha and under 0.5 ha	30,618	10,380.0	23,093	7,716.1	387	138.1	86	25.2	7,052	666.2	1,798.2	36.1
0.5 ha and under 1 ha	19,953	14,025.9	13,073	9,121.0	258	176.9	129	74.9	6,493	1,322.0	3,272.3	58.8
1 ha and under 2 ha	6,880	9,281.8	4,386	5,860.4	129	168.4			2,365	1,119.9	2,105.2	27.9
2 ha and under 3 ha	989	2,294.6	645	1,477.5	43	108.5			301	182.6	526.1	
3 ha and under 4 ha	387	1,251.2	301	986.7					86	16.1	248.5	
4 ha and under 5 ha	43	195.6	43	195.6								
5 ha and under 10 ha	43	310.5							43	62.9	247.6	
10 ha and over												
Total	88,242	40,631.6	67,773	27,926.3	1,204	608.7	559	124.3	18,706	3,445.2	8,391.5	135.6

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	Number of holdings	Under one tenure form - rented from others													
		Total		Rented for fixed amount of money		Rented for fixed quantity of		Rented for share of production		Rented in exchange for services		Rented for mortgage		Other rental arrangements	
		No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	1,505	43	0.4	43	0.4										
Holding with land	86,737	1,161	608.3	473	324.4	86	91.7	215	146.5	86	3.1	43	16.3	301	26.3
Under 0.1 ha	14,578	344	16.4	43	3.1					86	3.1			215	10.2
0.1 ha and under 0.2 ha	13,245														
0.2 ha and under 0.5 ha	30,618	387	138.1	258	91.5			43	20.8			43	16.3	43	9.6
0.5 ha and under 1 ha	19,953	258	176.9	86	67.2	43	26.2	129	76.9					43	6.6
1 ha and under 2 ha	6,880	129	168.4	43	54.2	43	65.4	43	48.8						
2 ha and under 3 ha	989	43	108.5	43	108.5										
3 ha and under 4 ha	387														
4 ha and under 5 ha	43														
5 ha and under 10 ha	43														
10 ha and over															
Total	88,242	1,204	608.7	516	324.8	86	91.7	215	146.5	86	3.1	43	16.3	301	26.3

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	No. of holdings	Under more than one tenure forms --- rented from others													
		Total		Rented for fixed amount of money		Rented for fixed quantity of		Rented for share of production		Rented in exchange for		Rented for mortgage		Other rental arrangements	
		No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	1,505														
Holding with land	86,737	18,104	8,391.5	5,633	2,219.3	1,333	699.5	10,149	4,873.8	86	21.4	1,290	471.2	860	106.2
Under 0.1 ha	14,578	817	31.7	387	16.0	43	3.3	43	3.3					344	9.2
0.1 ha and under 0.2 ha	13,245	1,290	162.0	559	70.1	86	9.0	516	69.0			43	5.8	129	8.0
0.2 ha and under 0.5 ha	30,618	6,880	1,798.2	2,107	436.5	430	124.4	3,741	1,082.1			516	113.3	258	41.9
0.5 ha and under 1 ha	19,953	6,364	3,272.3	1,763	758.5	387	174.8	4,171	2,118.7	86	21.4	516	181.0	86	17.9
1 ha and under 2 ha	6,880	2,322	2,105.2	645	496.5	215	116.6	1,462	1,347.3			172	144.8		
2 ha and under 3 ha	989	301	526.1	43	46.1	172	271.5	129	179.4					43	29.1
3 ha and under 4 ha	387	86	248.5	86	148.1			86	74.0			43	26.3		
4 ha and under 5 ha	43														
5 ha and under 10 ha	43	43	247.6	43	247.6										
10 ha and over															
Total	88,242	18,104	8,391.5	5,633	2,219.3	1,333	699.5	10,149	4,873.8	86	21.4	1,290	471.2	860	106.2

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	Total		Agricultural land							
	No. of holdings	Area (ha)	Crop land							
			Arable land							
			Land under temporary crops		Area under temporary meadows		Land under temporary fallow		Total arable land	
			No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	1,505	34.5	172	1.6	43	0.7			215	2.4
Holding with land	86,737	40,597.1	86,608	35,394.6	387	47.6	3,569	300.8	86,608	35,743.0
Under 0.1 ha	14,578	809.0	14,535	523.7			129	2.0	14,535	525.7
0.1 ha and under 0.2 ha	13,245	2,048.5	13,202	1,682.9			172	4.2	13,202	1,687.1
0.2 ha and under 0.5 ha	30,618	10,380.0	30,618	9,175.3	43	0.8	1,118	41.0	30,618	9,217.1
0.5 ha and under 1 ha	19,953	14,025.9	19,910	12,469.0	86	3.1	1,161	88.3	19,910	12,560.4
1 ha and under 2 ha	6,880	9,281.8	6,880	8,188.6	129	24.8	774	122.3	6,880	8,335.6
2 ha and under 3 ha	989	2,294.6	989	1,978.3	129	18.9	172	42.2	989	2,039.4
3 ha and under 4 ha	387	1,251.2	387	1,193.0			43	0.7	387	1,193.7
4 ha and under 5 ha	43	195.6	43	181.0					43	181.0
5 ha and under 10 ha	43	310.5	43	2.9					43	2.9
10 ha and over										
Total	88,242	40,631.6	86,780	35,396.2	430	48.3	3,569	300.8	86,823	35,745.4

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	Agricultural land						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									1,462	32.1
Holding with land	21,931	1,377.2	1,548	215.9	4,257	388.5	1,290	183.5	85,834	2,689.0
Under 0.1 ha	2,107	13.0			43	0.3			14,277	270.0
0.1 ha and under 0.2 ha	2,279	32.0	129	7.6	258	2.8			13,073	318.8
0.2 ha and under 0.5 ha	7,784	224.4	344	14.2	860	28.8	172	9.5	30,360	886.1
0.5 ha and under 1 ha	6,493	410.7	602	62.3	1,763	136.1	774	111.8	19,781	744.7
1 ha and under 2 ha	2,623	319.5	344	76.4	1,032	139.0	344	62.3	6,880	349.0
2 ha and under 3 ha	516	65.2	129	55.3	172	59.7			989	74.9
3 ha and under 4 ha	86	6.6			86	18.9			387	32.0
4 ha and under 5 ha					43	2.9			43	11.6
5 ha and under 10 ha	43	305.8							43	1.8
10 ha and over										
Total	21,931	1,377.2	1,548	215.9	4,257	388.5	1,290	183.5	87,296	2,721.1

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	1,505	34.5	129	1.7			43	0.7			86	0.9				
Holding with land	86,737	40,597.1	75,513	31,013.5	15,266	6,873.2	2,193	666.9	24,426	10,689.4	32,811	8,471.1	11,568	3,132.5	2,623	1,180.3
Under 0.1 ha	14,578	809.0	11,525	399.4	903	37.1	258	10.2	1,677	78.5	6,493	207.1	2,193	60.9	129	5.6
0.1 ha and under 0.2 ha	13,245	2,048.5	10,794	1,340.6	1,548	206.4	430	45.8	2,967	353.2	5,160	579.0	1,419	141.2	129	14.9
0.2 ha and under 0.5 ha	30,618	10,380.0	27,350	7,991.8	5,160	1,394.0	516	99.9	10,149	2,911.1	11,783	2,714.9	3,569	703.7	731	168.2
0.5 ha and under 1 ha	19,953	14,025.9	18,276	10,930.8	5,203	2,518.5	645	290.2	6,579	3,722.4	7,095	2,986.5	2,623	912.6	1,075	500.8
1 ha and under 2 ha	6,880	9,281.8	6,235	7,179.2	1,978	1,834.2	172	109.6	2,537	2,719.5	1,892	1,472.9	1,161	810.0	344	232.9
2 ha and under 3 ha	989	2,294.6	860	1,787.8	344	580.5	86	65.8	344	461.2	215	255.8	258	232.3	172	192.2
3 ha and under 4 ha	387	1,251.2	387	1,132.9	129	302.5	43	32.9	129	279.0	129	196.2	301	256.4	43	65.8
4 ha and under 5 ha	43	195.6	43	180.1					43	164.5			43	15.5		
5 ha and under 10 ha	43	310.5	43	70.9			43	12.4			43	58.6				
10 ha and over																
Total	88,242	40,631.6	75,642	31,015.1	15,266	6,873.2	2,236	667.6	24,426	10,689.4	32,897	8,472.0	11,568	3,132.5	2,623	1,180.3

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

Total area of holding	Total		Payment terms for Irrigation									
	No. of holdings	Area (ha)	No. of holdings reporting	Area (ha)	Did not pay for water		Paid for water					
							On area basis		On time basis		Other	
					No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	1,505	34.5	129	1.7					129	1.7		
Holding with land	86,737	40,597.1	75,513	31,013.5	38,101	13,459.6	19,179	8,626.4	22,663	6,953.0	5,504	1,974.5
Under 0.1 ha	14,578	809.0	11,525	399.4	6,192	187.8	1,075	49.1	3,612	132.2	817	30.3
0.1 ha and under 0.2 ha	13,245	2,048.5	10,794	1,340.6	5,160	579.3	1,892	241.5	3,569	446.5	645	73.3
0.2 ha and under 0.5 ha	30,618	10,380.0	27,350	7,991.8	11,826	2,925.9	8,085	2,206.0	8,859	2,364.1	1,892	495.8
0.5 ha and under 1 ha	19,953	14,025.9	18,276	10,930.8	10,149	4,800.3	5,504	2,961.2	4,730	2,518.2	1,419	651.2
1 ha and under 2 ha	6,880	9,281.8	6,235	7,179.2	3,741	3,342.0	2,193	2,269.3	1,591	1,106.7	559	461.3
2 ha and under 3 ha	989	2,294.6	860	1,787.8	645	973.4	258	455.0	172	224.7	129	134.6
3 ha and under 4 ha	387	1,251.2	387	1,132.9	344	635.4	129	279.7	86	89.7	43	128.1
4 ha and under 5 ha	43	195.6	43	180.1	43	15.5	43	164.5				
5 ha and under 10 ha	43	310.5	43	70.9					43	70.9		
10 ha and over												
Total	88,242	40,631.6	75,642	31,015.1	38,101	13,459.6	19,179	8,626.4	22,792	6,954.7	5,504	1,974.5

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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	172	3.9	172	2.7			86	1.2				
Holding with land	86,737	91,041.0	86,436	81,438.3	11,998	967.6	29,242	8,208.2	10,321	402.0	258	24.9
Under 0.1 ha	14,578	1,347.3	14,535	1,194.0	1,548	8.1	3,483	140.4	559	4.9		
0.1 ha and under 0.2 ha	13,245	4,636.4	13,159	4,173.6	1,376	17.1	3,827	430.4	903	14.6	43	0.8
0.2 ha and under 0.5 ha	30,618	24,464.9	30,532	21,382.4	4,171	143.0	11,955	2,857.6	3,784	77.8	43	4.1
0.5 ha and under 1 ha	19,953	32,222.0	19,867	28,973.4	3,397	232.4	7,224	2,836.2	3,139	174.7	129	5.3
1 ha and under 2 ha	6,880	19,967.1	6,880	18,299.6	1,333	253.9	2,279	1,348.0	1,419	65.6		
2 ha and under 3 ha	989	4,494.6	989	4,179.3	86	4.4	215	235.3	473	60.9	43	14.8
3 ha and under 4 ha	387	3,408.7	387	3,041.8	43	2.9	258	360.4	43	3.6		
4 ha and under 5 ha	43	190.9	43	190.9								
5 ha and under 10 ha	43	309.1	43	3.3	43	305.8						
10 ha and over												
Total	86,909	91,044.9	86,608	81,441.1	11,998	967.6	29,328	8,209.4	10,321	402.0	258	24.9

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CHITAWAN

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	86	0.8	43	0.2	86	0.6					86	0.5	172	1.7		
Holding with land	83,813	65,075.1	55,560	9,126.5	40,767	1,157.3	39,176	9,948.9	903	23.7	35,262	430.0	66,138	3,689.2	1,634	213.2
Under 0.1 ha	12,170	718.6	6,923	148.0	7,569	82.3	2,752	93.4	43	0.8	7,138	42.8	12,643	246.8	43	1.6
0.1 ha and Under 0.2 ha	13,116	3,107.7	7,956	546.4	4,773	99.9	5,504	511.1	215	5.5	4,558	43.2	9,332	289.9	43	0.8
0.2 ha and under 0.5 ha	30,403	17,344.1	20,039	2,656.5	12,987	341.8	15,309	2,788.2	344	9.5	12,471	104.9	22,448	970.3	387	25.3
0.5 ha and under 1 ha	19,824	22,813.5	14,191	3,193.8	10,536	388.3	10,880	3,885.7	129	0.2	7,827	139.8	15,094	1,238.3	860	151.5
1 ha and under 2 ha	6,880	14,930.6	5,332	1,749.2	3,913	204.2	3,913	1,993.4	172	7.7	2,580	65.5	5,504	669.9	215	27.2
2 ha and under 3 ha	989	3,336.1	817	460.6	602	22.3	559	352.1			516	26.9	645	224.8	43	6.6
3 ha and under 4 ha	387	2,640.2	301	372.0	301	14.0	258	325.0			129	6.1	387	44.8	43	0.1
4 ha and under 5 ha	43	184.3			43	3.3					43	0.8	43	2.5		
5 ha and under 10 ha					43	1.2							43	2.1		
10 ha and over																
Total	83,899	65,075.9	55,603	9,126.7	40,853	1,157.9	39,176	9,948.9	903	23.7	35,348	430.5	66,311	3,691.0	1,634	213.2

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

CHITAWAN

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			43	0.5					86	0.3								
Holding with land	21,587	8,293.5	66,655	28,013.1	1,032	281.3	19,222	5,063.6	69,149	20,390.1	6,579	1,329.5	473	52.3	6,278	1,650.6	86	0.9
Under 0.1 ha	860	43.6	5,504	231.6			1,247	45.0	10,837	369.7	602	18.5			344	10.1		
0.1 ha and Under 0.2 ha	2,795	372.4	9,590	1,156.6	129	13.2	2,279	211.9	10,407	1,162.2	1,419	146.9			430	43.6	43	0.8
0.2 ha and under 0.5 ha	8,773	2,273.3	26,361	7,377.6	387	80.4	6,450	1,144.8	23,996	5,637.1	2,322	445.2	129	16.6	2,150	369.1	43	0.1
0.5 ha and under 1 ha	6,321	2,975.1	17,760	10,067.9	344	105.5	5,547	1,652.9	16,556	7,075.7	1,591	449.9	258	33.8	1,634	452.8		
1 ha and under 2 ha	2,537	2,207.9	6,192	6,395.8	129	51.0	2,881	1,495.1	5,977	4,134.9	516	181.8	43	1.6	1,376	462.4		
2 ha and under 3 ha	258	289.6	817	1,503.4	43	31.3	516	334.6	946	974.6	129	87.2	43	0.2	129	115.2		
3 ha and under 4 ha	43	131.6	387	1,109.1			301	179.4	387	1,029.2					172	190.9		
4 ha and under 5 ha			43	171.1					43	6.6					43	6.6		
5 ha and under 10 ha																		
10 ha and over																		
Total	21,587	8,293.5	66,698	28,013.6	1,032	281.3	19,222	5,063.6	69,235	20,390.5	6,579	1,329.5	473	52.3	6,278	1,650.6	86	0.9

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

CHITAWAN

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			43	0.2																		
Holding with land	11,697	295.5	15,395	874.7	301	8.5	129	2.7	29,672	5,809.3	172	2.6	15,180	932.8	129	5.4	1,591	198.0	11,783	371.8	10,364	625.1
Under 0.1 ha	1,204	10.4	1,591	43.7					1,806	49.8	43	1.6	2,064	16.0			43	0.1	1,634	12.8	1,548	13.7
0.1 ha and Under 0.2 ha	1,032	13.1	1,849	90.7	86	3.8	43	0.8	4,343	324.4	86	0.2	2,021	60.5	86	1.3	86	1.2	1,806	17.8	1,376	32.6
0.2 ha and under 0.5 ha	4,859	110.1	4,945	206.6	129	2.9	43	0.2	12,471	1,764.4			5,848	339.9	43	4.1	430	24.3	3,784	73.1	3,053	130.8
0.5 ha and under 1 ha	3,268	73.2	4,730	249.0	86	1.8			7,655	2,091.7	43	0.8	3,268	261.5			688	95.8	2,967	141.0	2,881	278.9
1 ha and under 2 ha	1,075	80.3	1,677	232.7			43	1.6	2,709	983.3			1,591	157.9			301	60.1	1,247	77.5	1,376	155.8
2 ha and under 3 ha	258	8.5	473	40.3					430	278.1			215	67.5			43	16.5	258	44.7	86	5.1
3 ha and under 4 ha			129	11.7					258	317.6			172	29.6					86	4.9	43	8.2
4 ha and under 5 ha																						
5 ha and under 10 ha																						
10 ha and over																						
Total	11,697	295.5	15,438	875.0	301	8.5	129	2.7	29,672	5,809.3	172	2.6	15,180	932.8	129	5.4	1,591	198.0	11,783	371.8	10,364	625.1

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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	86	0.6						
Holding with land	38,273	1,092.7	946	22.9	4,472	36.9	387	4.9
Under 0.1 ha	7,009	78.9	258	0.7	860	2.6	43	0.1
0.1 ha and Under 0.2 ha	4,472	97.7	129	0.7	387	1.4	43	0.1
0.2 ha and under 0.5 ha	12,385	328.3	258	5.1	1,333	8.1	86	0.3
0.5 ha and under 1 ha	9,805	359.7	129	11.4	1,204	12.8	215	4.4
1 ha and under 2 ha	3,698	188.2	172	4.9	559	11.1		
2 ha and under 3 ha	516	21.4			129	0.9		
3 ha and under 4 ha	301	14.0						
4 ha and under 5 ha	43	3.3						
5 ha and under 10 ha	43	1.2						
10 ha and over								
Total	38,359	1,093.2	946	22.9	4,472	36.9	387	4.9

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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	36,208	8,555.4	172	1.5	1,806	307.0	4,687	1,000.7	215	78.3	129	5.9
Under 0.1 ha	2,236	79.6	86	0.2	86	0.2	473	13.2	43	0.1		
0.1 ha and Under 0.2 ha	5,203	472.0	43	0.8	43	1.6	387	31.7			43	4.9
0.2 ha and under 0.5 ha	14,148	2,469.8			731	105.8	1,419	196.0	43	15.6	86	1.0
0.5 ha and under 1 ha	10,106	3,339.4	43	0.4	602	98.2	1,677	447.6	43	0.1		
1 ha and under 2 ha	3,741	1,742.9			172	18.9	516	225.0	43	6.6		
2 ha and under 3 ha	516	179.4			43	41.1	172	75.7	43	55.9		
3 ha and under 4 ha	258	272.3			129	41.1	43	11.5				
4 ha and under 5 ha												
5 ha and under 10 ha												
10 ha and over												
Total	36,208	8,555.4	172	1.5	1,806	307.0	4,687	1,000.7	215	78.3	129	5.9

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

Total area of holding	Sugarcane		Jute		Tobacco		Other cash crops	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land								
Holding with land	516	7.8	86	3.5	215	4.1	86	8.3
Under 0.1 ha	43	0.8						
0.1 ha and Under 0.2 ha	129	2.1	43	3.3	43	0.1		
0.2 ha and under 0.5 ha	86	0.2	43	0.2	129	0.7	86	8.3
0.5 ha and under 1 ha	129	0.2						
1 ha and under 2 ha	129	4.4			43	3.3		
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	516	7.8	86	3.5	215	4.1	86	8.3

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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			86	0.3	43	0.1					43	0.1		
Holding with land	3,569	54.9	17,416	85.7	27,178	135.3	7,440	59.0	7,827	58.3	7,956	34.1	344	2.6
Under 0.1 ha	473	2.3	3,655	10.4	5,762	18.0	989	3.6	860	4.4	1,505	3.8	86	0.2
0.1 ha and Under 0.2 ha	301	0.7	1,634	9.1	3,182	14.5	688	12.5	731	3.0	1,032	3.3		
0.2 ha and under 0.5 ha	1,462	5.3	6,278	25.3	9,762	36.4	2,752	13.2	2,752	14.3	3,311	10.1	86	0.2
0.5 ha and under 1 ha	774	40.5	4,171	21.9	6,020	32.3	2,107	18.4	2,236	18.6	1,290	5.9	129	2.2
1 ha and under 2 ha	430	3.5	1,333	5.4	2,021	31.3	645	8.7	946	14.6	516	1.8	43	0.1
2 ha and under 3 ha	86	2.1	215	8.1	301	1.9	258	2.5	301	3.2	301	9.2		
3 ha and under 4 ha	43	0.4	86	5.1	86	0.6								
4 ha and under 5 ha			43	0.4	43	0.4								
5 ha and under 10 ha														
10 ha and over														
Total	3,569	54.9	17,502	86.1	27,221	135.4	7,440	59.0	7,827	58.3	7,999	34.2	344	2.6

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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					86	0.2	172	1.5
Holding with land	23,566	542.8	16,212	397.6	8,343	335.7	62,870	2,413.1
Under 0.1 ha	4,730	21.3	3,440	14.7	1,505	8.7	12,342	202.1
0.1 ha and Under 0.2 ha	2,666	33.5	1,677	18.6	860	29.7	8,773	208.1
0.2 ha and under 0.5 ha	7,569	151.1	4,945	73.6	2,322	82.4	21,286	663.2
0.5 ha and under 1 ha	5,633	210.1	3,827	157.8	2,064	119.1	14,105	751.3
1 ha and under 2 ha	2,365	85.8	1,892	109.7	1,290	82.6	5,246	391.8
2 ha and under 3 ha	258	37.0	258	21.3	215	12.2	645	154.3
3 ha and under 4 ha	258	3.0	172	2.0	86	1.0	387	38.8
4 ha and under 5 ha	43	0.8					43	1.6
5 ha and under 10 ha	43	0.2					43	1.9
10 ha and over								
Total	23,566	542.8	16,212	397.6	8,429	335.9	63,042	2,414.6

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

Total area of holding	Total		Permanent crops									
	No. of holdings	Area (ha)	No. of holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
					Productive age			Non-productive age			Productive age	Non-productive age
					No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land	1,505	34.5	258								1,118	172
Holding with land	86,737	40,597.1	69,579	1,377.2	38,359	1,021.6	554,007	13,073	355.6	172,829	359,246	127,805
under 0.1 ha	14,578	809.0	11,267	13.0	2,537	9.7	12,987	1,032	3.3	6,579	36,122	13,331
0.1 ha and under 0.2 ha	13,245	2,048.5	9,848	32.0	3,483	24.4	26,447	1,118	7.6	3,010	39,606	15,395
0.2 ha and under 0.5 ha	30,618	10,380.0	23,910	224.4	13,116	176.5	135,416	4,601	47.9	35,520	110,303	47,647
0.5 ha and under 1 ha	19,953	14,025.9	17,115	410.7	11,482	227.2	209,983	4,128	183.5	105,572	118,817	34,230
1 ha and under 2 ha	6,880	9,281.8	6,106	319.5	5,633	216.2	74,524	1,892	103.2	19,609	44,207	12,170
2 ha and under 3 ha	989	2,294.6	860	65.2	1,763	55.2	24,598	301	10.0	2,537	6,063	4,042
3 ha and under 4 ha	387	1,251.2	387	6.6	301	6.6	1,247				3,698	989
4 ha and under 5 ha	43	195.6	43								430	
5 ha and under 10 ha	43	310.5	43	305.8	43	305.8	68,805					
10 ha and over												
Total	88,242	40,631.6	69,837	1,377.2	38,359	1,021.6	554,007	13,073	355.6	172,829	360,365	127,977

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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	2,537	233.8	1,075	207.7	69,235	473	26.1	7,267	1,978	1,634
under 0.1 ha	387	0.7	43	0.4	215	86	0.3	387	129	172
0.1 ha and under 0.2 ha	258	6.6	86	6.5	2,150	43	0.1	172	258	43
0.2 ha and under 0.5 ha	731	29.1	344	25.4	8,902	129	3.7	1,032	215	946
0.5 ha and under 1 ha	602	47.3	301	45.8	38,531	43	1.5	430	645	258
1 ha and under 2 ha	516	150.2	301	129.7	19,437	172	20.5	5,246	731	172
2 ha and under 3 ha	43									43
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	2,537	233.8	1,075	207.7	69,235	473	26.1	7,267	1,978	1,634

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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	86							215		
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	43							129		
0.5 ha and under 1 ha										
1 ha and under 2 ha	43							86		
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	86							215		

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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	9,762	7.9	1,118	6.3	2,666	129	1.7	602	9,203	2,795
under 0.1 ha	1,806	0.1	86	0.1	129				1,935	516
0.1 ha and under 0.2 ha	1,161	0.1	43	0.1	86				903	473
0.2 ha and under 0.5 ha	3,268	0.7	301	0.7	817				3,139	903
0.5 ha and under 1 ha	2,107	2.1	301	2.0	645	43	0.1	43	2,021	645
1 ha and under 2 ha	1,161	4.1	301	2.5	774	86	1.5	559	946	215
2 ha and under 3 ha	172	0.5	43	0.5	86				172	43
3 ha and under 4 ha	43	0.4	43	0.4	129					
4 ha and under 5 ha	43								86	
5 ha and under 10 ha										
10 ha and over										
Total	9,762	7.9	1,118	6.3	2,666	129	1.7	602	9,203	2,795

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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	4,644	3.9	559	3.6	1,376	86	0.4	129	6,794	2,236
under 0.1 ha	215								172	43
0.1 ha and under 0.2 ha	817								1,333	86
0.2 ha and under 0.5 ha	1,548	1.2	344	1.2	731				1,892	430
0.5 ha and under 1 ha	1,376	2.3	172	2.0	473	86	0.4	129	2,236	1,204
1 ha and under 2 ha	559	0.4	43	0.4	172				989	344
2 ha and under 3 ha	86								43	129
3 ha and under 4 ha	43								129	
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	4,644	3.9	559	3.6	1,376	86	0.4	129	6,794	2,236

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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	1,032							2,451	301	
under 0.1 ha	86							172	43	
0.1 ha and under 0.2 ha	129							215	43	
0.2 ha and under 0.5 ha	301							903	129	
0.5 ha and under 1 ha	387							903	86	
1 ha and under 2 ha	129							258		
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	1,032							2,451	301	

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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	3,139	0.9	215	0.6	258	86	0.3	86	2,924	1,376
under 0.1 ha	344	0.1	43	0.1	43				258	215
0.1 ha and under 0.2 ha	258								86	172
0.2 ha and under 0.5 ha	1,247	0.2	43	0.1	43	43	0.1	43	1,161	473
0.5 ha and under 1 ha	1,032	0.5	86	0.3	86	43	0.2	43	1,333	301
1 ha and under 2 ha	172								86	172
2 ha and under 3 ha	86	0.1	43	0.1	86					43
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	3,139	0.9	215	0.6	258	86	0.3	86	2,924	1,376

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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	43									43
Holding with land	39,348	74.3	7,870	59.8	28,984	2,064	14.6	8,773	39,305	26,920
under 0.1 ha	5,633	2.6	559	2.0	1,376	258	0.7	989	5,547	3,440
0.1 ha and under 0.2 ha	4,816	3.2	774	3.1	2,494	86	0.1	129	4,257	3,053
0.2 ha and under 0.5 ha	13,202	16.6	2,451	12.9	7,913	989	3.7	3,999	12,514	7,612
0.5 ha and under 1 ha	10,579	25.3	2,365	20.4	7,999	473	4.9	2,623	11,224	9,504
1 ha and under 2 ha	4,128	14.0	1,290	13.3	6,665	172	0.7	645	4,257	2,838
2 ha and under 3 ha	602	9.8	344	5.3	1,892	86	4.4	387	473	43
3 ha and under 4 ha	344	2.9	86	2.9	645				860	430
4 ha and under 5 ha	43								172	
5 ha and under 10 ha										
10 ha and over										
Total	39,391	74.3	7,870	59.8	28,984	2,064	14.6	8,773	39,305	26,963

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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	18,663	523.1	6,364	443.0	183,536	2,107	80.1	105,486	32,983	36,165
under 0.1 ha	2,881	3.2	430	2.8	4,945	86	0.4	1,075	4,042	3,397
0.1 ha and under 0.2 ha	2,365	3.3	516	3.1	5,031	86	0.1	817	3,182	4,042
0.2 ha and under 0.5 ha	6,063	102.2	2,279	80.0	54,829	946	22.2	14,750	10,837	18,964
0.5 ha and under 1 ha	4,687	78.0	1,763	28.2	36,251	731	49.8	84,759	8,558	6,536
1 ha and under 2 ha	2,064	27.2	1,032	20.5	9,977	215	6.8	2,795	3,784	2,666
2 ha and under 3 ha	387	3.1	258	2.3	3,569	43	0.7	1,290	946	344
3 ha and under 4 ha	172	0.4	43	0.4	129				1,634	215
4 ha and under 5 ha										
5 ha and under 10 ha	43	305.8	43	305.8	68,805					
10 ha and over										
Total	18,663	523.1	6,364	443.0	183,536	2,107	80.1	105,486	32,983	36,165

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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	86								43	43
Holding with land	21,931	12.4	1,935	9.3	6,106	645	3.1	6,364	27,049	11,869
under 0.1 ha	3,139	0.2	86	0.1	129	43	0.1	3,440	3,225	1,419
0.1 ha and under 0.2 ha	2,795	0.5	129	0.4	430	43	0.1	86	3,354	1,935
0.2 ha and under 0.5 ha	8,515	4.4	731	3.1	1,978	344	1.4	2,150	9,762	4,171
0.5 ha and under 1 ha	4,472	1.8	430	1.1	903	172	0.7	516	6,149	2,322
1 ha and under 2 ha	2,451	5.0	430	4.3	2,107	43	0.7	172	3,741	1,806
2 ha and under 3 ha	387	0.4	129	0.4	559				473	129
3 ha and under 4 ha	129								215	86
4 ha and under 5 ha	43								129	
5 ha and under 10 ha										
10 ha and over										
Total	22,017	12.4	1,935	9.3	6,106	645	3.1	6,364	27,092	11,912

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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	10,751	23.7	2,236	11.6	11,310	516	12.0	6,063	9,418	6,536
under 0.1 ha	1,376	0.7	215	0.6	258	43	0.1	43	1,290	645
0.1 ha and under 0.2 ha	1,247	0.6	301	0.5	473	43	0.1	86	1,548	1,634
0.2 ha and under 0.5 ha	3,655	4.5	688	3.9	1,720	172	0.6	559	3,182	2,365
0.5 ha and under 1 ha	2,709	2.8	559	2.6	1,075	129	0.2	516	2,021	1,118
1 ha and under 2 ha	1,376	14.1	344	3.1	7,397	129	11.1	4,859	860	516
2 ha and under 3 ha	215	0.9	129	0.9	387				430	172
3 ha and under 4 ha	129								43	86
4 ha and under 5 ha	43								43	
5 ha and under 10 ha										
10 ha and over										
Total	10,751	23.7	2,236	11.6	11,310	516	12.0	6,063	9,418	6,536

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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	1,462	56.9	1,204	21.4	344	35.5
under 0.1 ha	86	0.3	86	0.3		
0.1 ha and under 0.2 ha						
0.2 ha and under 0.5 ha	301	2.8	172	2.2	129	0.6
0.5 ha and under 1 ha	645	11.4	559	10.5	129	0.9
1 ha and under 2 ha	301	39.9	258	6.3	43	33.6
2 ha and under 3 ha	86	1.5	86	1.1	43	0.4
3 ha and under 4 ha	43	1.1	43	1.1		
4 ha and under 5 ha						
5 ha and under 10 ha						
10 ha and over						
Total	1,462	56.9	1,204	21.4	344	35.5

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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	43								43	
Holding with land	9,461	24.3	2,279	21.2	8,171	430	3.1	1,720	7,956	2,795
under 0.1 ha	1,075	0.4	43	0.1	86	129	0.3	129	860	301
0.1 ha and under 0.2 ha	1,161	0.7	258	0.7	817	43	0.1	43	774	559
0.2 ha and under 0.5 ha	2,881	6.5	602	4.8	2,365	172	1.7	559	2,408	946
0.5 ha and under 1 ha	2,709	11.7	860	10.6	3,182	86	1.1	989	2,795	473
1 ha and under 2 ha	1,204	2.0	258	2.0	989				989	473
2 ha and under 3 ha	258	1.2	172	1.2	387				43	43
3 ha and under 4 ha	172	1.8	86	1.8	344				86	
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	9,504	24.3	2,279	21.2	8,171	430	3.1	1,720	7,999	2,795

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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	2,193	13.3	774	12.5	4,773	129	0.7	602	1,763	860
under 0.1 ha	129								86	43
0.1 ha and under 0.2 ha	172	0.4	43	0.4	43				86	86
0.2 ha and under 0.5 ha	645	3.6	172	3.3	946	86	0.4	301	258	258
0.5 ha and under 1 ha	731	5.0	344	5.0	1,935				387	215
1 ha and under 2 ha	430	4.2	172	3.8	1,763	43	0.4	301	903	258
2 ha and under 3 ha	86	0.1	43	0.1	86				43	
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	2,193	13.3	774	12.5	4,773	129	0.7	602	1,763	860

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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	4,386	2.0	516	1.7	3,139	129	0.3	344	4,644	1,290
under 0.1 ha	430	0.1	43	0.1	43				301	129
0.1 ha and under 0.2 ha	387	0.2	43	0.2	129				559	129
0.2 ha and under 0.5 ha	1,849	0.9	258	0.7	516	86	0.1	129	1,591	430
0.5 ha and under 1 ha	1,118	0.1	43	0.1	86				1,462	301
1 ha and under 2 ha	602	0.7	129	0.5	2,365	43	0.1	215	731	301
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	4,386	2.0	516	1.7	3,139	129	0.3	344	4,644	1,290

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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	129								258	86
Holding with land	22,362	8.4	2,150	7.1	9,160	258	1.4	1,376	36,251	10,493
under 0.1 ha	4,128	0.5	258	0.5	817				6,708	1,591
0.1 ha and under 0.2 ha	3,354	0.5	215	0.4	516	43	0.1	129	6,364	1,591
0.2 ha and under 0.5 ha	7,397	3.1	817	2.9	3,655	86	0.2	516	10,536	3,010
0.5 ha and under 1 ha	4,859	2.0	516	1.8	2,537	43	0.1	215	6,966	3,139
1 ha and under 2 ha	2,236	2.1	258	1.2	1,075	86	0.9	516	5,160	1,075
2 ha and under 3 ha	258	0.2	86	0.2	559				258	43
3 ha and under 4 ha	129								258	43
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	22,491	8.4	2,150	7.1	9,160	258	1.4	1,376	36,509	10,579

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

Total area of holding	Pomegranate									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	1,763	0.3	86	0.3	129			1,376	516	
under 0.1 ha	258							258		
0.1 ha and under 0.2 ha	129							129	43	
0.2 ha and under 0.5 ha	688	0.1	43	0.1	86			473	258	
0.5 ha and under 1 ha	430	0.1	43	0.1	43			301	172	
1 ha and under 2 ha	172							129	43	
2 ha and under 3 ha	43							43		
3 ha and under 4 ha	43							43		
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	1,763	0.3	86	0.3	129			1,376	516	

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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	1,161							1,032	688	
under 0.1 ha	258							129	172	
0.1 ha and under 0.2 ha	344							516	172	
0.2 ha and under 0.5 ha	387							344	172	
0.5 ha and under 1 ha	86							43	43	
1 ha and under 2 ha	86								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	1,161							1,032	688	

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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	43								43	
Holding with land	2,967								2,322	2,666
under 0.1 ha	559								559	172
0.1 ha and under 0.2 ha	387								301	387
0.2 ha and under 0.5 ha	860								559	516
0.5 ha and under 1 ha	817								602	1,290
1 ha and under 2 ha	215								129	172
2 ha and under 3 ha	86								86	86
3 ha and under 4 ha	43								86	43
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	3,010								2,365	2,666

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

Total area of holding	Other fruits									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	5,418	15.9	1,333	14.6	16,642	215	1.2	1,290	4,601	2,021
under 0.1 ha	387	0.1	43	0.1	86				344	129
0.1 ha and under 0.2 ha	817	0.5	172	0.5	344				602	86
0.2 ha and under 0.5 ha	1,849	2.6	473	2.5	2,150	86	0.1	301	1,505	946
0.5 ha and under 1 ha	1,634	6.3	473	5.9	7,741	43	0.4	430	1,247	645
1 ha and under 2 ha	387	0.4				43	0.4	215	172	172
2 ha and under 3 ha	258	6.0	172	5.7	6,321	43	0.4	344	602	43
3 ha and under 4 ha	86								129	
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	5,418	15.9	1,333	14.6	16,642	215	1.2	1,290	4,601	2,021

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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	344							129	258	
under 0.1 ha	172							43	129	
0.1 ha and under 0.2 ha	43							43	43	
0.2 ha and under 0.5 ha	43							43		
0.5 ha and under 1 ha	86								86	
1 ha and under 2 ha										
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	344							129	258	

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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	817	27.4	903	70.0	3,741	77.8
Under 0.1 ha	86	0.4	43	0.1	258	0.9
0.1 ha and under 0.2 ha	215	2.0	172	1.2	344	3.6
0.2 ha and under 0.5 ha	129	0.4	86	2.2	1,118	10.6
0.5 ha and under 1 ha	301	21.3	387	57.5	1,419	44.3
1 ha and under 2 ha	86	3.2	172	6.2	559	17.1
2 ha and under 3 ha			43	2.9	43	1.2
3 ha and under 4 ha						
4 ha and under 5 ha						
5 ha and under 10 ha						
10 ha and over						
Total	817	27.4	903	70.0	3,741	77.8

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	129			731		
Holding with land	24,770	152.0	182,203	131,030	1,161	48.9
Under 0.1 ha	3,139	1.9	3,999	7,827	43	0.7
0.1 ha and under 0.2 ha	3,096	5.8	11,869	9,289	129	2.8
0.2 ha and under 0.5 ha	10,106	28.2	43,992	35,090	473	4.4
0.5 ha and under 1 ha	6,364	74.6	97,187	60,333	430	16.2
1 ha and under 2 ha	1,806	25.8	20,082	16,169	43	2.9
2 ha and under 3 ha	258	15.5	5,074	2,322	43	21.8
3 ha and under 4 ha						
4 ha and under 5 ha						
5 ha and under 10 ha						
10 ha and over						
Total	24,899	152.0	182,203	131,761	1,161	48.9

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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	1,505	34.5	43		43		43			43				0.4	1
Holding with land	86,737	40,597.1	67,816	36,380	25,071	6,364	41,154	6,063	8,343	51,690	3,354	215	1,978	29,111.3	43,998
under 0.1 ha	14,578	809.0	5,633	3,311	1,333	989	2,408	1,376	645	3,397	258	43	86	198.4	324
0.1 ha and under 0.2 ha	13,245	2,048.5	9,762	5,461	3,354	946	6,063	1,161	1,247	7,052	258	86	129	1,213.1	1,915
0.2 ha and under 0.5 ha	30,618	10,380.0	26,705	14,148	10,020	2,537	16,986	1,849	4,085	20,254	1,247	43	903	8,213.4	13,016
0.5 ha and under 1 ha	19,953	14,025.9	18,104	9,332	7,267	1,505	11,181	1,161	1,806	14,707	1,032		559	10,715.0	15,839
1 ha and under 2 ha	6,880	9,281.8	6,364	3,612	2,365	387	3,655	516	559	5,031	559	43	258	6,347.4	9,874
2 ha and under 3 ha	989	2,294.6	817	430	387		516			817			43	1,416.4	1,692
3 ha and under 4 ha	387	1,251.2	387	86	301		301			387				856.2	1,165
4 ha and under 5 ha	43	195.6	43		43		43			43				151.4	172
5 ha and under 10 ha	43	310.5													
10 ha and over															
Total	88,242	40,631.6	67,859	36,380	25,114	6,364	41,197	6,063	8,343	51,733	3,354	215	1,978	29,111.8	43,999

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CHITAWAN

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

Total area of holding	Total		Maize												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with mineral/ chemical fertilizer and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using				
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both	Area (ha)	Quantity (Qtl.)
Holding without land	1,505	34.5	86	86						43	43			0.2	1
Holding with land	86,737	40,597.1	69,149	48,980	11,568	8,601	13,847	30,231	3,053	22,233	15,524	774	4,945	8,427.8	7,485
under 0.1 ha	14,578	809.0	10,837	8,343	1,462	1,032	1,333	5,289	387	2,408	2,580	344	516	119.0	137
0.1 ha and under 0.2 ha	13,245	2,048.5	10,407	7,612	1,419	1,376	1,892	4,773	430	2,537	3,010	215	817	406.1	442
0.2 ha and under 0.5 ha	30,618	10,380.0	23,996	16,212	4,386	3,397	5,633	9,805	1,333	8,515	4,902	172	1,892	2,475.4	2,414
0.5 ha and under 1 ha	19,953	14,025.9	16,556	11,310	2,967	2,279	3,784	7,095	559	6,407	3,182	43	1,333	2,995.8	2,732
1 ha and under 2 ha	6,880	9,281.8	5,977	4,472	989	516	1,032	2,709	301	1,849	1,591		301	1,460.8	1,189
2 ha and under 3 ha	989	2,294.6	946	688	258		172	301	43	344	215		86	495.9	378
3 ha and under 4 ha	387	1,251.2	387	301	86			215		172	43			474.7	194
4 ha and under 5 ha	43	195.6	43	43				43							
5 ha and under 10 ha	43	310.5													
10 ha and over															
Total	88,242	40,631.6	69,235	49,066	11,568	8,601	13,847	30,231	3,053	22,276	15,567	774	4,945	8,428.1	7,486

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CHITAWAN

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

Total area of holding	Total		Wheat												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area Treated with mineral/ chemical fertilizer and quantity used	
				No. of holdings using				No. of holdings using	No. of holdings using			No. of holdings using			
				Local seeds	Improved seeds	Hybrid seeds	Local fertilizers		Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both	Area (ha)	Quantity (Qtl.)
Holding without land	1,505	34.5													
Holding with land	86,737	40,597.1	19,222	13,589	5,633	5,246	4,773	1,290	11,353	2,494	215	1,118	3,351.6	4,056	
under 0.1 ha	14,578	809.0	1,247	1,118	129	172	602	129	258	215	43	172	20.2	66	
0.1 ha and under 0.2 ha	13,245	2,048.5	2,279	1,634	645	602	559	172	1,118	258	86	215	126.7	206	
0.2 ha and under 0.5 ha	30,618	10,380.0	6,450	4,730	1,720	1,935	1,806	473	3,784	817	86	215	710.1	874	
0.5 ha and under 1 ha	19,953	14,025.9	5,547	3,870	1,677	1,720	1,290	301	3,569	559		301	999.1	1,182	
1 ha and under 2 ha	6,880	9,281.8	2,881	1,806	1,075	731	430	172	2,021	559		129	1,079.0	1,121	
2 ha and under 3 ha	989	2,294.6	516	301	215	43	86	43	301	86		86	285.4	426	
3 ha and under 4 ha	387	1,251.2	301	129	172	43			301				131.1	181	
4 ha and under 5 ha	43	195.6													
5 ha and under 10 ha	43	310.5													
10 ha and over															
Total	88,242	40,631.6	19,222	13,589	5,633	5,246	4,773	1,290	11,353	2,494	215	1,118	3,351.6	4,056	

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

Total area of holding	Total		Potato												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with mineral/ chemical fertilizer and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using				
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical fertilizers	Both	Local fertilizers	Mineral/chemical fertilizers	Both	Area (ha)	Quantity (Qtl.)
Holding without land	1,505	34.5	86		43	43	86			86				0.5	4
Holding with land	86,737	40,597.1	38,273	20,297	12,213	5,762	27,393	17,803	2,322	14,148	5,590	301	2,021	592.1	1,464
under 0.1 ha	14,578	809.0	7,009	3,913	1,892	1,204	4,558	3,956	215	1,677	946	86	473	29.5	69
0.1 ha and under 0.2 ha	13,245	2,048.5	4,472	2,365	1,462	645	3,096	2,150	258	1,548	1,032	43	129	35.8	116
0.2 ha and under 0.5 ha	30,618	10,380.0	12,385	6,622	4,085	1,677	9,117	5,203	817	4,902	2,021	86	774	190.9	501
0.5 ha and under 1 ha	19,953	14,025.9	9,805	5,074	3,311	1,419	7,267	4,859	688	3,913	1,118	43	129	179.8	413
1 ha and under 2 ha	6,880	9,281.8	3,698	2,021	1,118	559	2,709	1,333	344	1,505	473	43	473	131.0	303
2 ha and under 3 ha	989	2,294.6	516	129	215	172	387	129		387			43	13.8	31
3 ha and under 4 ha	387	1,251.2	301	172	43	86	172	172		129				7.3	26
4 ha and under 5 ha	43	195.6	43		43		43			43				2.9	4
5 ha and under 10 ha	43	310.5	43		43		43			43				1.1	1
10 ha and over															
Total	88,242	40,631.6	38,359	20,297	12,256	5,805	27,479	17,803	2,322	14,234	5,590	301	2,021	592.6	1,468

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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	1,505	34.5													
Holding with land	86,737	40,597.1	516	430	86	86	258	43	43	258			0.3	2	
under 0.1 ha	14,578	809.0	43		43		43								
0.1 ha and under 0.2 ha	13,245	2,048.5	129	86	43		43			86					
0.2 ha and under 0.5 ha	30,618	10,380.0	86	86			43			86					
0.5 ha and under 1 ha	19,953	14,025.9	129	129			43		43	43			0.1	1	
1 ha and under 2 ha	6,880	9,281.8	129	129		86	86	43		43			0.2	1	
2 ha and under 3 ha	989	2,294.6													
3 ha and under 4 ha	387	1,251.2													
4 ha and under 5 ha	43	195.6													
5 ha and under 10 ha	43	310.5													
10 ha and over															
Total	88,242	40,631.6	516	430	86	86	258	43	43	258			0.3	2	

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

Total area of holding	Total		Vegetables												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with chemical/ mineral fertilizer and quantity used	
				No. of holdings using				No. of holdings using	No. of holdings using						
				Local seeds	Improved seeds	Hybrid seeds	No. of holdings using		Local fertilizers	Mineral/ chemical fertilizers	Both	Local fertilizers	Mineral/ chemical fertilizers	Both	Area (ha)
Holding without land	1,505	34.5	172	86	86		129	43		43	86			0.2	1
Holding with land	86,737	40,597.1	66,095	38,273	21,759	6,063	24,684	46,314	2,150	7,354	17,588	645	860	1,113.5	2,211
under 0.1 ha	14,578	809.0	12,643	7,827	4,214	602	4,472	8,601	129	989	3,311	172	215	33.0	60
0.1 ha and under 0.2 ha	13,245	2,048.5	9,332	5,203	3,225	903	3,741	6,579	344	1,032	2,666	129	43	99.9	154
0.2 ha and under 0.5 ha	30,618	10,380.0	22,405	13,116	7,440	1,849	8,386	15,739	946	2,408	6,278	301	301	314.0	664
0.5 ha and under 1 ha	19,953	14,025.9	15,094	8,214	5,031	1,849	5,805	10,665	559	2,236	3,483	43	86	454.9	768
1 ha and under 2 ha	6,880	9,281.8	5,504	3,268	1,505	731	1,849	3,913	86	559	1,720		215	190.1	532
2 ha and under 3 ha	989	2,294.6	645	301	301	43	301	387	43	129	86			18.7	23
3 ha and under 4 ha	387	1,251.2	387	258	43	86	129	344	43		43			2.9	11
4 ha and under 5 ha	43	195.6	43	43				43							
5 ha and under 10 ha	43	310.5	43	43				43							
10 ha and over															
Total	88,242	40,631.6	66,268	38,359	21,845	6,063	24,813	46,357	2,150	7,397	17,674	645	860	1,113.8	2,213

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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)
				Local seeds	Improved seeds	Hybrid seeds	Local fertilizers		Mineral/chemical fertilizers	Both	Local fertilizers	Mineral/chemical fertilizers	Both		
Holding without land	1,505	34.5	129	129			43				129				
Holding with land	86,737	40,597.1	77,534	69,450	7,569	516	15,696	51,259	5,590	5,633	27,608	559	1,075	3,708.2	4,118
under 0.1 ha	14,578	809.0	11,740	10,665	1,032	43	1,204	8,257	172	215	4,300	43	43	13.6	22
0.1 ha and under 0.2 ha	13,245	2,048.5	11,740	11,009	559	172	1,935	7,440	817	602	4,816	86	172	160.3	158
0.2 ha and under 0.5 ha	30,618	10,380.0	27,565	24,383	3,053	129	6,708	17,674	2,451	2,580	9,375	258	473	1,205.1	1,305
0.5 ha and under 1 ha	19,953	14,025.9	18,620	16,255	2,236	129	4,128	12,600	1,763	1,505	6,063	86	172	1,508.1	1,810
1 ha and under 2 ha	6,880	9,281.8	6,493	5,848	602	43	1,505	4,386	301	645	2,666	86	172	649.2	680
2 ha and under 3 ha	989	2,294.6	946	860	86		172	516	86	43	301		43	113.6	91
3 ha and under 4 ha	387	1,251.2	387	387			43	344		43	86			58.2	52
4 ha and under 5 ha	43	195.6	43	43				43							
5 ha and under 10 ha	43	310.5													
10 ha and over															
Total	88,242	40,631.6	77,663	69,579	7,569	516	15,739	51,259	5,590	5,633	27,737	559	1,075	3,708.2	4,118

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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	1,501	9,808	406	1,027			353	786	800	5,418		
Holding with land	69,320	390,907	28,680	70,837			39,465	76,259	52,379	232,955	676	3,293
Under 0.1 ha	7,374	28,118	2,210	4,556			2,472	3,972	5,459	19,268		
0.1 ha and under 0.2 ha	9,493	40,636	2,886	6,342			4,194	7,117	7,012	26,628		
0.2 ha and under 0.5 ha	26,006	136,640	10,778	26,128			15,053	26,606	18,589	80,599	338	1,070
0.5 ha and under 1 ha	18,412	121,950	8,523	21,841			11,742	23,668	14,777	72,217		
1 ha and under 2 ha	6,623	50,714	3,517	10,049			4,812	11,255	5,412	28,979	169	247
2 ha and under 3 ha	927	7,701	586	1,653			750	2,317	800	3,731		
3 ha and under 4 ha	397	4,825	135	223			397	1,200	282	1,380	169	1,976
4 ha and under 5 ha	44	277					44	124	47	153		
5 ha and under 10 ha	44	45	45	45								
10 ha and over												
Total	70,821	400,715	29,086	71,864			39,818	77,045	53,179	238,373	676	3,293

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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	587	2,577								
Holding with land	3,594	7,133					86	172	172	258
Under 0.1 ha	367	322								
0.1 ha and under 0.2 ha	440	506							43	43
0.2 ha and under 0.5 ha	1,540	1,979					43	86	86	172
0.5 ha and under 1 ha	1,027	4,096					43	86	43	43
1 ha and under 2 ha	147	184								
2 ha and under 3 ha										
3 ha and under 4 ha	73	46								
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	4,181	9,710					86	172	172	258

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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	406	1,027	491	536	179	45	134				179	45	134
Holding with land	28,680	70,837	46,629	24,208	13,578	7,459	6,119	4,511	3,037	1,474	9,067	4,422	4,645
under 0.1 ha	2,210	4,556	3,305	1,251	1,117	759	357	447	357	89	670	402	268
0.1 ha and under 0.2 ha	2,886	6,342	4,645	1,697	1,161	715	447	402	268	134	759	447	313
0.2 ha and under 0.5 ha	10,778	26,128	16,302	9,826	5,672	2,992	2,680	1,653	1,072	581	4,020	1,921	2,099
0.5 ha and under 1 ha	8,523	21,841	13,488	8,352	3,930	1,787	2,144	1,429	893	536	2,501	893	1,608
1 ha and under 2 ha	3,517	10,049	7,638	2,412	1,519	1,117	402	491	402	89	1,027	715	313
2 ha and under 3 ha	586	1,653	1,117	536	179	89	89	89	45	45	89	45	45
3 ha and under 4 ha	135	223	89	134									
4 ha and under 5 ha													
5 ha and under 10 ha	45	45	45										
10 ha and over													
Total	29,086	71,864	47,120	24,744	13,756	7,504	6,253	4,511	3,037	1,474	9,245	4,466	4,779

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CHITAWAN

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	179	89	89				179	89	89
Holding with land	9,692	6,030	3,662	1,965	1,653	313	7,727	4,377	3,350
under 0.1 ha	491	268	223				491	268	223
0.1 ha and under 0.2 ha	804	491	313	268	223	45	536	268	268
0.2 ha and under 0.5 ha	3,886	2,367	1,519	983	759	223	2,903	1,608	1,295
0.5 ha and under 1 ha	3,439	2,144	1,295	670	625	45	2,769	1,519	1,251
1 ha and under 2 ha	804	625	179	45	45		759	581	179
2 ha and under 3 ha	223	134	89				223	134	89
3 ha and under 4 ha	45		45				45		45
4 ha and under 5 ha									
5 ha and under 10 ha									
10 ha and over									
Total	9,871	6,119	3,752	1,965	1,653	313	7,905	4,466	3,439

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CHITAWAN

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	670	357	313	89		89	313	89	223	268	268	
Holding with land	47,567	33,141	14,426	17,999	17,151	849	20,635	10,362	10,273	8,933	5,628	3,305
Under 0.1 ha	2,948	2,278	670	1,027	1,027		1,251	804	447	670	447	223
0.1 ha and Under 0.2 ha	4,377	3,439	938	1,831	1,697	134	1,876	1,206	670	670	536	134
0.2 ha and Under 0.5 ha	16,570	10,943	5,628	5,360	5,181	179	8,129	3,841	4,288	3,082	1,921	1,161
0.5 ha and Under 1 ha	14,471	9,558	4,913	5,449	5,226	223	6,119	2,546	3,573	2,903	1,787	1,117
1 ha and Under 2 ha	7,727	5,896	1,831	3,439	3,216	223	2,814	1,787	1,027	1,474	893	581
2 ha and Under 3 ha	1,251	893	357	804	715	89	357	179	179	89		89
3 ha and Under 4 ha	179	89	89	89	89		89		89			
4 ha and Under 5 ha												
5 ha and Under 10 ha	45	45								45	45	
10 ha and over												
Total	48,237	33,498	14,739	18,089	17,151	938	20,947	10,451	10,496	9,201	5,896	3,305

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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				
			Total	Male	Female	Total	Male	Female	Total	Male	Female		
	No. of holdings	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	No. of heads	Nak/Chauri	Nak/Chauri
No. of heads												No. of heads	
Holding without land													
Holding with land													
under 0.1 ha													
0.1 ha and under 0.2 ha													
0.2 ha and under 0.5 ha													
0.5 ha and under 1 ha													
1 ha and under 2 ha													
2 ha and under 3 ha													
3 ha and under 4 ha													
4 ha and under 5 ha													
5 ha and under 10 ha													
10 ha and over													
Total													

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

Total area of holding	Buffalo												
	All ages			Under one year									
				Total			Male			Female			
	No. of holdings	Number of heads			Number of heads			Number of heads			Number of heads		
Total		Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	
Holding without land	353	786	538	248	248	124	124	83	83		166	41	124
Holding with land	39,465	76,259	67,239	9,020	20,358	17,916	2,441	8,607	7,903	703	11,751	10,013	1,738
under 0.1 ha	2,472	3,972	3,641	331	1,117	993	124	414	372	41	703	621	83
0.1 ha and under 0.2 ha	4,194	7,117	6,827	290	2,069	1,986	83	828	786	41	1,241	1,200	41
0.2 ha and under 0.5 ha	15,053	26,606	23,254	3,352	7,738	6,786	952	3,310	2,979	331	4,427	3,807	621
0.5 ha and under 1 ha	11,742	23,668	20,854	2,814	6,165	5,338	828	2,855	2,648	207	3,310	2,690	621
1 ha and under 2 ha	4,812	11,255	9,724	1,531	2,400	2,069	331	869	828	41	1,531	1,241	290
2 ha and under 3 ha	750	2,317	2,110	207	538	538		166	166		372	372	
3 ha and under 4 ha	397	1,200	828	372	290	207	83	166	124	41	124	83	41
4 ha and under 5 ha	44	124		124	41		41				41		41
5 ha and under 10 ha													
10 ha and over													
Total	39,818	77,045	67,776	9,269	20,606	18,041	2,565	8,689	7,986	703	11,917	10,055	1,862

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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	248	248		41	41		207	207	
Holding with land	17,420	15,723	1,696	3,476	3,103	372	13,944	12,620	1,324
under 0.1 ha	1,117	1,076	41	124	124		993	952	41
0.1 ha and under 0.2 ha	1,696	1,655	41	331	331		1,365	1,324	41
0.2 ha and under 0.5 ha	6,124	5,462	662	1,365	1,365		4,758	4,096	662
0.5 ha and under 1 ha	5,296	4,841	455	869	786	83	4,427	4,055	372
1 ha and under 2 ha	2,276	2,069	207	455	331	124	1,821	1,738	83
2 ha and under 3 ha	579	372	207	248	83	166	331	290	41
3 ha and under 4 ha	331	248	83	83	83		248	166	83
4 ha and under 5 ha									
5 ha and under 10 ha									
10 ha and over									
Total	17,668	15,972	1,696	3,517	3,145	372	14,151	12,827	1,324

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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	290	166	124				248	124	124	41	41	
Holding with land	38,481	33,599	4,883	4,800	4,510	290	22,592	19,613	2,979	11,089	9,475	1,614
Under 0.1 ha	1,738	1,572	166				1,324	1,200	124	414	372	41
0.1 ha and Under 0.2 ha	3,352	3,186	166	41	41		2,359	2,234	124	952	910	41
0.2 ha and Under 0.5 ha	12,744	11,006	1,738	662	579	83	7,862	6,827	1,034	4,221	3,600	621
0.5 ha and Under 1 ha	12,206	10,675	1,531	1,945	1,945		7,200	6,041	1,159	3,062	2,690	372
1 ha and Under 2 ha	6,579	5,586	993	1,614	1,407	207	2,979	2,607	372	1,986	1,572	414
2 ha and Under 3 ha	1,200	1,200		372	372		621	621		207	207	
3 ha and Under 4 ha	579	372	207	166	166		207	83	124	207	124	83
4 ha and Under 5 ha	83		83				41		41	41		41
5 ha and Under 10 ha												
10 ha and over												
Total	38,771	33,764	5,007	4,800	4,510	290	22,840	19,737	3,103	11,131	9,517	1,614

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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	800	5,418	4,702	716	2,351	1,942	409	971	716	256	1,380	1,227	153
Holding with land	52,379	232,955	217,674	15,282	89,134	82,797	6,338	44,005	40,478	3,527	45,129	42,318	2,811
Under 0.1 ha	5,459	19,268	17,735	1,533	7,462	6,900	562	3,884	3,578	307	3,578	3,322	256
0.1 ha and Under 0.2 ha	7,012	26,628	25,452	1,176	10,733	10,222	511	5,213	4,753	460	5,520	5,469	51
0.2 ha and Under 0.5 ha	18,589	80,599	76,459	4,140	30,359	28,723	1,635	14,975	14,157	818	15,384	14,566	818
0.5 ha and Under 1 ha	14,777	72,217	66,493	5,724	26,679	24,277	2,402	13,135	11,653	1,482	13,544	12,624	920
1 ha and Under 2 ha	5,412	28,979	26,423	2,555	11,500	10,375	1,124	5,673	5,264	409	5,826	5,111	716
2 ha and Under 3 ha	800	3,731	3,731		1,738	1,738		869	869		869	869	
3 ha and Under 4 ha	282	1,380	1,380		562	562		204	204		358	358	
4 ha and Under 5 ha	47	153		153	102		102	51		51	51		51
5 ha and Under 10 ha													
10 ha and over													
Total	53,179	238,373	222,376	15,997	91,485	84,739	6,746	44,976	41,194	3,782	46,509	43,545	2,964

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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	3,067	2,760	307	1,124	971	153	1,942	1,789	153
Holding with land	143,821	134,877	8,944	51,774	48,196	3,578	92,048	86,681	5,366
Under 0.1 ha	11,806	10,835	971	4,395	4,038	358	7,411	6,798	613
0.1 ha and Under 0.2 ha	15,895	15,231	664	4,958	4,702	256	10,937	10,528	409
0.2 ha and Under 0.5 ha	50,240	47,736	2,504	18,910	18,246	664	31,330	29,490	1,840
0.5 ha and Under 1 ha	45,538	42,216	3,322	16,150	14,617	1,533	29,388	27,599	1,789
1 ha and Under 2 ha	17,479	16,048	1,431	6,082	5,315	767	11,397	10,733	664
2 ha and Under 3 ha	1,993	1,993		818	818		1,176	1,176	
3 ha and Under 4 ha	818	818		460	460		358	358	
4 ha and Under 5 ha	51		51				51		51
5 ha and Under 10 ha									
10 ha and over									
Total	146,888	137,637	9,251	52,898	49,167	3,731	93,990	88,470	5,520

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

Total area of holding	Sheep												
	All ages			Under six months									
	No. of holdings	No. of heads			No. of heads			No. of heads			No. of heads		
		Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land													
Holding with land	676	3,293	3,293	1,235	1,235		741	741		494	494		
Under 0.1 ha													
0.1 ha and Under 0.2 ha													
0.2 ha and Under 0.5 ha	338	1,070	1,070	576	576		82	82		494	494		
0.5 ha and Under 1 ha													
1 ha and Under 2 ha	169	247	247	165	165		165	165					
2 ha and Under 3 ha													
3 ha and Under 4 ha	169	1,976	1,976	494	494		494	494					
4 ha and Under 5 ha													
5 ha and Under 10 ha													
10 ha and over													
Total	676	3,293	3,293	1,235	1,235		741	741		494	494		

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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	2,058	2,058		329	329		1,729	1,729	
Under 0.1 ha									
0.1 ha and Under 0.2 ha									
0.2 ha and Under 0.5 ha	494	494		82	82		412	412	
0.5 ha and Under 1 ha									
1 ha and Under 2 ha	82	82					82	82	
2 ha and Under 3 ha									
3 ha and Under 4 ha	1,482	1,482		247	247		1,235	1,235	
4 ha and Under 5 ha									
5 ha and Under 10 ha									
10 ha and over									
Total	2,058	2,058		329	329		1,729	1,729	

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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	587	2,577	1,611	966	1,427	874	552	1,150	736	414
Holding with land	3,594	7,133	3,682	3,451	4,556	2,301	2,255	2,577	1,381	1,196
Under 0.1 ha	367	322	230	92	230	184	46	92	46	46
0.1 ha and Under 0.2 ha	440	506	368	138	184	184		322	184	138
0.2 ha and Under 0.5 ha	1,540	1,979	1,887	92	1,058	1,058		920	828	92
0.5 ha and Under 1 ha	1,027	4,096	966	3,129	2,899	690	2,209	1,196	276	920
1 ha and Under 2 ha	147	184	184		184	184				
2 ha and Under 3 ha										
3 ha and Under 4 ha	73	46	46					46	46	
4 ha and Under 5 ha										
5 ha and Under 10 ha										
10 ha and over										
Total	4,181	9,710	5,292	4,418	5,982	3,175	2,807	3,728	2,117	1,611

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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	473	13,159	344	4,902	1,935	1,462	645	860	129	8,257	7,870		387
Holding with land	37,499	2,797,168	32,037	412,957	180,354	35,305	158,982	38,316	7,138	2,384,211	900,911	1,462,615	20,684
Under 0.1 ha	4,515	378,727	3,569	45,454	35,133	2,838	3,526	3,956	1,247	333,273	42,186	284,679	6,407
0.1 ha and Under 0.2 ha	5,504	170,636	4,687	31,005	17,287	4,171	5,934	3,612	1,032	139,630	28,812	107,507	3,311
0.2 ha and Under 0.5 ha	13,331	1,140,180	11,181	94,262	54,786	11,654	13,804	14,019	2,752	1,045,917	429,986	609,093	6,837
0.5 ha and Under 1 ha	9,461	646,420	8,257	74,610	43,132	9,977	11,568	9,934	1,634	571,810	328,972	240,859	1,978
1 ha and Under 2 ha	3,784	314,695	3,526	156,359	22,104	5,762	122,687	5,805	387	158,337	70,955	86,092	1,290
2 ha and Under 3 ha	559	141,695	473	6,450	4,257	602	860	731	86	135,244		134,384	860
3 ha and Under 4 ha	301	4,558	301	4,558	3,483	301	559	215					
4 ha and Under 5 ha	43	258	43	258	172		43	43					
5 ha and Under 10 ha													
10 ha and over													
Total	37,972	2,810,327	32,381	417,859	182,289	36,768	159,627	39,176	7,267	2,392,468	908,781	1,462,615	21,071

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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	43	559				
Holding with land	7,655	47,045	1,419	19,523	172	516
Under 0.1 ha	645	2,537	344	3,354		
0.1 ha and Under 0.2 ha	688	3,913	43	516		
0.2 ha and Under 0.5 ha	2,365	14,879	301	3,354	86	430
0.5 ha and Under 1 ha	2,537	14,965	430	5,762	43	43
1 ha and Under 2 ha	1,075	9,332	215	4,300		
2 ha and Under 3 ha	172	817	43	2,150		
3 ha and Under 4 ha	172	602	43	86	43	43
4 ha and Under 5 ha						
5 ha and Under 10 ha						
10 ha and over						
Total	7,698	47,604	1,419	19,523	172	516

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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	1,505	34.5			43	43		43				86	
Holding with land	86,737	40,597.1	21,974	1,978	35,391	18,405	2,666	63,730	53,023	22,362	14,320	56,291	4,128
Under 0.1 ha	14,578	809.0	3,139	43	5,332	3,440	215	6,493	1,849	1,161	516	6,794	387
0.1 ha and Under 0.2 ha	13,245	2,048.5	2,623	215	4,902	2,967	602	9,934	7,483	2,924	1,462	8,128	860
0.2 ha and Under 0.5 ha	30,618	10,380.0	5,977	516	12,385	6,536	903	24,469	22,491	8,429	3,741	21,458	1,591
0.5 ha and Under 1 ha	19,953	14,025.9	6,450	645	8,171	4,386	688	15,868	14,664	6,493	5,160	14,191	774
1 ha and Under 2 ha	6,880	9,281.8	3,053	387	3,526	946	215	5,805	5,418	2,709	2,838	4,558	430
2 ha and Under 3 ha	989	2,294.6	473	86	731	86		731	774	387	430	731	86
3 ha and Under 4 ha	387	1,251.2	215	43	301		43	344	301	172	129	344	
4 ha and Under 5 ha	43	195.6	43		43			43	43	43	43	43	
5 ha and Under 10 ha	43	310.5		43		43		43		43		43	
10 ha and over													
Total	88,242	40,631.6	21,974	1,978	35,434	18,448	2,666	63,773	53,023	22,362	14,320	56,377	4,128

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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	1,505	34.5												
Holding with land	86,737	40,597.1	10,665	11,138	10,966	86	86		172	172	172			
Under 0.1 ha	14,578	809.0	989	989	989									
0.1 ha and Under 0.2 ha	13,245	2,048.5	688	731	688	43			43	43	43			
0.2 ha and Under 0.5 ha	30,618	10,380.0	2,451	2,494	2,408	43	43		43	43	43			
0.5 ha and Under 1 ha	19,953	14,025.9	3,827	3,956	3,913		43		43	43	43			
1 ha and Under 2 ha	6,880	9,281.8	2,107	2,279	2,279				43	43	43			
2 ha and Under 3 ha	989	2,294.6	430	516	516									
3 ha and Under 4 ha	387	1,251.2	129	129	129									
4 ha and Under 5 ha	43	195.6	43	43	43									
5 ha and Under 10 ha	43	310.5												
10 ha and over														
Total	88,242	40,631.6	10,665	11,138	10,966	86	86		172	172	172			

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

Total area of holding	Number by source (On the day of enumeration)											
	Shallow tube well						Deep tube well					
	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others
Holding without land												
Holding with land	32,295	32,725	29,887	2,623	215		14,922	15,481	13,417	1,892	172	
Under 0.1 ha	5,074	5,074	4,429	602	43		2,881	2,924	2,494	430		
0.1 ha and Under 0.2 ha	4,343	4,343	4,042	301			2,494	2,494	2,150	344		
0.2 ha and Under 0.5 ha	11,439	11,482	10,407	946	129		5,160	5,375	4,601	645	129	
0.5 ha and Under 1 ha	7,181	7,310	6,837	430	43		3,483	3,698	3,225	430	43	
1 ha and Under 2 ha	3,182	3,311	3,182	129			817	903	860	43		
2 ha and Under 3 ha	688	817	602	215			86	86	86			
3 ha and Under 4 ha	344	344	344									
4 ha and Under 5 ha	43	43	43									
5 ha and Under 10 ha												
10 ha and over												
Total	32,295	32,725	29,887	2,623	215		14,922	15,481	13,417	1,892	172	

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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	344	344	344				1,763	1,806	1,806			
Under 0.1 ha							86	86	86			
0.1 ha and Under 0.2 ha	43	43	43				129	129	129			
0.2 ha and Under 0.5 ha	43	43	43				645	645	645			
0.5 ha and Under 1 ha	172	172	172				387	387	387			
1 ha and Under 2 ha	43	43	43				301	344	344			
2 ha and Under 3 ha							129	129	129			
3 ha and Under 4 ha	43	43	43				86	86	86			
4 ha and Under 5 ha												
5 ha and Under 10 ha												
10 ha and over												
Total	344	344	344				1,763	1,806	1,806			

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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	1,591	1,720	1,462	258			8,386	8,558	7,310	1,118	129	
Under 0.1 ha							301	301	301			
0.1 ha and Under 0.2 ha	86	86	86				1,247	1,247	1,075	172		
0.2 ha and Under 0.5 ha	559	645	473	172			3,010	3,010	2,666	344		
0.5 ha and Under 1 ha	731	774	731	43			2,494	2,494	2,021	387	86	
1 ha and Under 2 ha	215	215	172	43			1,161	1,333	1,075	215	43	
2 ha and Under 3 ha							86	86	86			
3 ha and Under 4 ha							86	86	86			
4 ha and Under 5 ha												
5 ha and Under 10 ha												
10 ha and over												
Total	1,591	1,720	1,462	258			8,386	8,558	7,310	1,118	129	

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

Total area of holding	Number by source (On the day of enumeration)											
	Animal drawn cart						Sprayer					
	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others
Holding without land												
Holding with land							32,381	33,714	31,134	1,892	688	
Under 0.1 ha							3,655	3,784	3,612	172		
0.1 ha and Under 0.2 ha							3,440	3,483	3,268	172	43	
0.2 ha and Under 0.5 ha							11,224	11,611	10,751	645	215	
0.5 ha and Under 1 ha							9,246	9,633	8,687	731	215	
1 ha and Under 2 ha							3,827	4,128	3,827	129	172	
2 ha and Under 3 ha							645	731	688	43		
3 ha and Under 4 ha							301	301	258		43	
4 ha and Under 5 ha							43	43	43			
5 ha and Under 10 ha												
10 ha and over												
Total							32,381	33,714	31,134	1,892	688	

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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	516	516	473	43		
Under 0.1 ha						
0.1 ha and Under 0.2 ha	43	43	43			
0.2 ha and Under 0.5 ha	215	215	215			
0.5 ha and Under 1 ha	129	129	86	43		
1 ha and Under 2 ha	129	129	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	516	516	473	43		

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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	1,118	1,161	989	129	43	129	129	129		
Holding with land	49,883	51,733	51,431	172	129	10,192	11,095	10,966	86	43
Under 0.1 ha	5,074	5,203	5,160		43	903	903	860	43	
0.1 ha and Under 0.2 ha	6,106	6,149	6,106	43		989	1,118	1,118		
0.2 ha and Under 0.5 ha	18,749	19,308	19,179	43	86	3,655	3,956	3,956		
0.5 ha and Under 1 ha	13,589	14,105	14,062	43		2,795	3,053	3,053		
1 ha and Under 2 ha	5,074	5,504	5,461	43		1,419	1,591	1,505	43	43
2 ha and Under 3 ha	860	989	989			301	344	344		
3 ha and Under 4 ha	344	387	387			129	129	129		
4 ha and Under 5 ha	43	43	43							
5 ha and Under 10 ha	43	43	43							
10 ha and over										
Total	51,001	52,894	52,421	301	172	10,321	11,224	11,095	86	43

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

Total area of holding	For storing agricultural products					For miscellaneous purposes				
	No. of holdings reporting the use	Number by source				No. of holdings reporting the use	Number by source			
		Total	Owned	Rented	Others		Total	Owned	Rented	Others
Holding without land										
Holding with land	2,537	2,537	2,451		86	1,677	1,763	1,763		
Under 0.1 ha	86	86	86			215	215	215		
0.1 ha and Under 0.2 ha	215	215	215			129	129	129		
0.2 ha and Under 0.5 ha	688	688	645		43	473	559	559		
0.5 ha and Under 1 ha	946	946	946			559	559	559		
1 ha and Under 2 ha	473	473	430		43	86	86	86		
2 ha and Under 3 ha	43	43	43			172	172	172		
3 ha and Under 4 ha	43	43	43			43	43	43		
4 ha and Under 5 ha	43	43	43							
5 ha and Under 10 ha										
10 ha and over										
Total	2,537	2,537	2,451		86	1,677	1,763	1,763		

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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	1,505	34.5	129				387
Holding with land	86,737	40,597.1	21,845	4,257	388.5	254,878	115,721
Under 0.1 ha	14,578	809.0	2,709	43	0.3	860	6,579
0.1 ha and Under 0.2 ha	13,245	2,048.5	2,967	258	2.8	3,784	12,686
0.2 ha and Under 0.5 ha	30,618	10,380.0	7,138	860	28.8	49,066	39,348
0.5 ha and Under 1 ha	19,953	14,025.9	5,934	1,763	136.1	100,283	31,392
1 ha and Under 2 ha	6,880	9,281.8	2,494	1,032	139.0	60,720	19,093
2 ha and Under 3 ha	989	2,294.6	387	172	59.7	23,609	3,784
3 ha and Under 4 ha	387	1,251.2	172	86	18.9	15,051	2,408
4 ha and Under 5 ha	43	195.6	43	43	2.9	1,505	430
5 ha and Under 10 ha	43	310.5					
10 ha and over							
Total	88,242	40,631.6	21,974	4,257	388.5	254,878	116,108

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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	1,505	34.5	129	129			
Holding with land	86,737	40,597.1	21,845	18,878	301	1,634	1,032
Under 0.1 ha	14,578	809.0	2,709	2,494		43	172
0.1 ha and Under 0.2 ha	13,245	2,048.5	2,967	2,666		129	172
0.2 ha and Under 0.5 ha	30,618	10,380.0	7,138	5,805	215	688	430
0.5 ha and Under 1 ha	19,953	14,025.9	5,934	5,074	43	602	215
1 ha and Under 2 ha	6,880	9,281.8	2,494	2,322		129	43
2 ha and Under 3 ha	989	2,294.6	387	344		43	
3 ha and Under 4 ha	387	1,251.2	172	129	43		
4 ha and Under 5 ha	43	195.6	43	43			
5 ha and Under 10 ha	43	310.5					
10 ha and over							
Total	88,242	40,631.6	21,974	19,007	301	1,634	1,032

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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	1,505	34.5	43		43	
Holding with land	86,737	40,597.1	645	86	2,107	1,247
Under 0.1 ha	14,578	809.0			129	
0.1 ha and Under 0.2 ha	13,245	2,048.5	43		172	
0.2 ha and Under 0.5 ha	30,618	10,380.0	344	43	688	129
0.5 ha and Under 1 ha	19,953	14,025.9	129	43	817	731
1 ha and Under 2 ha	6,880	9,281.8	86		301	387
2 ha and Under 3 ha	989	2,294.6				
3 ha and Under 4 ha	387	1,251.2	43			
4 ha and Under 5 ha	43	195.6				
5 ha and Under 10 ha	43	310.5				
10 ha and over						
Total	88,242	40,631.6	688	86	2,150	1,247

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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	1,505	34.5						
Holding with land	86,737	40,597.1	1,247	1,161	1,978	173.6	86	
Under 0.1 ha	14,578	809.0						
0.1 ha and Under 0.2 ha	13,245	2,048.5						
0.2 ha and Under 0.5 ha	30,618	10,380.0	129	86	129	7.6	43	
0.5 ha and Under 1 ha	19,953	14,025.9	731	731	1,419	103.8		
1 ha and Under 2 ha	6,880	9,281.8	387	344	430	62.3	43	
2 ha and Under 3 ha	989	2,294.6						
3 ha and Under 4 ha	387	1,251.2						
4 ha and Under 5 ha	43	195.6						
5 ha and Under 10 ha	43	310.5						
10 ha and over								
Total	88,242	40,631.6	1,247	1,161	1,978	173.6	86	

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

Total area of holding	Total		No. of holdings without agricultural credit	Number of holdings with credit by main source							
	No. of holdings	Area (ha)		Total	Cooperatives	ADB/N	Commercial Bank/financial institution	Farmer's group	Women's group	Relatives	Other
Holding without land	1,505	34.5	1,376	129		43			43	43	
Holding with land	86,737	40,597.1	70,353	16,384	3,440	2,279	1,204	2,279	4,042	2,580	559
Under 0.1 ha	14,578	809.0	13,460	1,118	258	86	129	86	258	215	86
0.1 ha and Under 0.2 ha	13,245	2,048.5	11,396	1,849	258	129	172	301	430	430	129
0.2 ha and Under 0.5 ha	30,618	10,380.0	24,813	5,805	1,161	860	559	602	1,548	946	129
0.5 ha and Under 1 ha	19,953	14,025.9	14,922	5,031	1,204	817	215	903	1,118	645	129
1 ha and Under 2 ha	6,880	9,281.8	4,816	2,064	387	301	86	301	602	301	86
2 ha and Under 3 ha	989	2,294.6	645	344	86	86	43		86	43	
3 ha and Under 4 ha	387	1,251.2	301	86	43			43			
4 ha and Under 5 ha	43	195.6		43				43			
5 ha and Under 10 ha	43	310.5		43	43						
10 ha and over											
Total	88,242	40,631.6	71,729	16,513	3,440	2,322	1,204	2,279	4,085	2,623	559

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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	1,505	34.5	344			43	215	43	43
Holding with land	86,737	40,597.1	27,006	6,106	2,236	2,365	12,256	1,075	2,967
Under 0.1 ha	14,578	809.0	2,623	86	86	387	1,462	129	473
0.1 ha and Under 0.2 ha	13,245	2,048.5	3,827	516	516	172	2,107	86	430
0.2 ha and Under 0.5 ha	30,618	10,380.0	9,074	2,021	731	516	4,687	215	903
0.5 ha and Under 1 ha	19,953	14,025.9	8,085	2,322	559	989	3,053	430	731
1 ha and Under 2 ha	6,880	9,281.8	2,537	860	215	172	774	215	301
2 ha and Under 3 ha	989	2,294.6	516	172	86	43	86		129
3 ha and Under 4 ha	387	1,251.2	258	86	43	43	86		
4 ha and Under 5 ha	43	195.6	43			43			
5 ha and Under 10 ha	43	310.5	43	43					
10 ha and over									
Total	88,242	40,631.6	27,350	6,106	2,236	2,408	12,471	1,118	3,010

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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	1,505	34.5	6,751	4.5	215	1,290	86	1,419
Holding with land	86,737	40,597.1	407,496	4.7	64,375	22,362	56,463	30,274
Under 0.1 ha	14,578	809.0	57,065	3.9	2,924	11,654	1,419	13,159
0.1 ha and Under 0.2 ha	13,245	2,048.5	54,700	4.1	8,601	4,644	5,160	8,085
0.2 ha and Under 0.5 ha	30,618	10,380.0	140,448	4.6	26,189	4,429	23,867	6,751
0.5 ha and Under 1 ha	19,953	14,025.9	105,013	5.3	18,534	1,419	18,061	1,892
1 ha and Under 2 ha	6,880	9,281.8	40,552	5.9	6,708	172	6,536	344
2 ha and Under 3 ha	989	2,294.6	6,278	6.3	946	43	946	43
3 ha and Under 4 ha	387	1,251.2	3,053	7.9	387		387	
4 ha and Under 5 ha	43	195.6	215	5.0	43		43	
5 ha and Under 10 ha	43	310.5	172	4.0	43		43	
10 ha and over								
Total	88,242	40,631.6	414,247	4.7	64,590	23,652	56,549	31,693

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

Total area of holding	Total number of holdings	Total number of holdings reporting insufficiency of own produce for household consumption	Period of insufficiency				Income sources for insufficiency						
			1 to 3 Months	4 to 6 Months	7 to 9 Months	10 to 12 Months	Own non-agricultural business	Wage earnings (within the district)	Wage earnings (outside the district)	Wage earnings (outside the country)	Pension	Borrowing	Other
Holding without land	1,505	1,419		86	215	1,118	387	774	43	129	43		43
Holding with land	86,737	30,274	4,687	9,289	6,106	10,192	3,225	18,491	1,591	4,257	1,290	860	559
Under 0.1 ha	14,578	13,159	344	1,204	2,838	8,773	1,591	7,483	731	2,193	688	215	258
0.1 ha and Under 0.2 ha	13,245	8,085	1,247	3,526	2,236	1,075	860	5,418	344	817	258	172	215
0.2 ha and Under 0.5 ha	30,618	6,751	2,279	3,483	731	258	645	4,300	301	946	258	301	
0.5 ha and Under 1 ha	19,953	1,892	602	1,032	215	43	129	1,075	172	172	86	172	86
1 ha and Under 2 ha	6,880	344	215	43	86			172	43	129			
2 ha and Under 3 ha	989	43				43		43					
3 ha and Under 4 ha	387												
4 ha and Under 5 ha	43												
5 ha and Under 10 ha	43												
10 ha and over													
Total	88,242	31,693	4,687	9,375	6,321	11,310	3,612	19,265	1,634	4,386	1,333	860	602

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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	1,505	34.5	430	731	258	86		
Holding with land	86,737	40,597.1	10,665	41,713	19,652	9,590	1,763	3,354
Under 0.1 ha	14,578	809.0	2,623	7,267	3,139	1,075	86	387
0.1 ha and Under 0.2 ha	13,245	2,048.5	1,419	6,407	3,139	1,505	215	559
0.2 ha and Under 0.5 ha	30,618	10,380.0	3,440	14,406	7,310	3,440	559	1,462
0.5 ha and Under 1 ha	19,953	14,025.9	2,021	9,934	4,085	2,623	645	645
1 ha and Under 2 ha	6,880	9,281.8	1,032	3,053	1,462	817	258	258
2 ha and Under 3 ha	989	2,294.6	129	344	387	86		43
3 ha and Under 4 ha	387	1,251.2		215	129	43		
4 ha and Under 5 ha	43	195.6		43				
5 ha and Under 10 ha	43	310.5		43				
10 ha and over								
Total	88,242	40,631.6	11,095	42,444	19,910	9,676	1,763	3,354

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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	1,505	34.5	301	344	129	301		430
Holding with land	86,737	40,597.1	17,115	33,026	6,364	16,040	3,526	10,665
Under 0.1 ha	14,578	809.0	1,591	5,762	731	3,053	817	2,623
0.1 ha and Under 0.2 ha	13,245	2,048.5	2,795	5,375	602	2,494	559	1,419
0.2 ha and Under 0.5 ha	30,618	10,380.0	6,536	13,159	2,580	4,386	516	3,440
0.5 ha and Under 1 ha	19,953	14,025.9	4,386	6,966	1,548	3,784	1,247	2,021
1 ha and Under 2 ha	6,880	9,281.8	1,505	1,591	602	1,849	301	1,032
2 ha and Under 3 ha	989	2,294.6	215	86	215	258	86	129
3 ha and Under 4 ha	387	1,251.2	86	86	43	172		
4 ha and Under 5 ha	43	195.6				43		
5 ha and Under 10 ha	43	310.5			43			
10 ha and over								
Total	88,242	40,631.6	17,416	33,370	6,493	16,341	3,526	11,095

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

Total area of holding	Total		Household head		Classification of household		
	Number of holdings	Area (ha)	Holdings with holder as household head	Holdings with other person as household head	Single-holding household	Multi-holding household	Partnership household
Holding without land	1,505	34.5	1,462	43	1,505		
Holding with land	86,737	40,597.1	79,641	7,095	85,576	989	172
Under 0.1 ha	14,578	809.0	13,632	946	14,492	86	
0.1 ha and Under 0.2 ha	13,245	2,048.5	12,170	1,075	13,116	129	
0.2 ha and Under 0.5 ha	30,618	10,380.0	27,866	2,752	30,274	258	86
0.5 ha and Under 1 ha	19,953	14,025.9	18,233	1,720	19,480	387	86
1 ha and Under 2 ha	6,880	9,281.8	6,450	430	6,751	129	
2 ha and Under 3 ha	989	2,294.6	817	172	989		
3 ha and Under 4 ha	387	1,251.2	387		387		
4 ha and Under 5 ha	43	195.6	43		43		
5 ha and Under 10 ha	43	310.5	43		43		
10 ha and over							
Total	88,242	40,631.6	81,104	7,138	87,081	989	172

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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	1,505	34.5	774	731		43			1,419	43		
Holding with land	86,737	40,597.1	79,942	6,794	77,104	7,612	731	129	688	387	86	
Under 0.1 ha	14,578	809.0	14,277	301	7,956	5,805		129	516	172		
0.1 ha and Under 0.2 ha	13,245	2,048.5	12,901	344	12,557	516	43		86	43		
0.2 ha and Under 0.5 ha	30,618	10,380.0	28,640	1,978	29,457	559	387		43	172		
0.5 ha and Under 1 ha	19,953	14,025.9	17,803	2,150	19,179	473	172		43		86	
1 ha and Under 2 ha	6,880	9,281.8	5,375	1,505	6,579	215	86					
2 ha and Under 3 ha	989	2,294.6	688	301	946	43						
3 ha and Under 4 ha	387	1,251.2	258	129	387							
4 ha and Under 5 ha	43	195.6		43	43							
5 ha and Under 10 ha	43	310.5		43			43					
10 ha and over												
Total	88,242	40,631.6	80,716	7,526	77,104	7,655	731	129	2,107	430	86	

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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	1,505	34.5					215	301						
Holding with land	86,737	40,597.1	430	1,247	215	645	6,751	1,462	903	86	559	387	301	645
Under 0.1 ha	14,578	809.0	129	344	43	86	1,376	344	172		43	43	86	215
0.1 ha and Under 0.2 ha	13,245	2,048.5	172	86		86	1,075	301	344	43	86	86	86	43
0.2 ha and Under 0.5 ha	30,618	10,380.0	86	473	43	258	2,580	559	301	43	129	172	43	172
0.5 ha and Under 1 ha	19,953	14,025.9		258	43	172	1,290	172	43		258	43	43	215
1 ha and Under 2 ha	6,880	9,281.8		43	86	43	301	86	43		43	43	43	
2 ha and Under 3 ha	989	2,294.6					129							
3 ha and Under 4 ha	387	1,251.2	43											
4 ha and Under 5 ha	43	195.6		43										
5 ha and Under 10 ha	43	310.5												
10 ha and over														
Total	88,242	40,631.6	430	1,247	215	645	6,966	1,763	903	86	559	387	301	645

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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	1,505	34.5						
Holding with land	86,737	40,597.1	2,494	628.0			387	84.2
Under 0.1 ha	14,578	809.0	43	29.1				
0.1 ha and Under 0.2 ha	13,245	2,048.5	215	18.6				
0.2 ha and Under 0.5 ha	30,618	10,380.0	731	190.8			129	15.0
0.5 ha and Under 1 ha	19,953	14,025.9	1,118	269.4			129	7.3
1 ha and Under 2 ha	6,880	9,281.8	344	107.0			86	59.0
2 ha and Under 3 ha	989	2,294.6	43	13.1			43	2.9
3 ha and Under 4 ha	387	1,251.2						
4 ha and Under 5 ha	43	195.6						
5 ha and Under 10 ha	43	310.5						
10 ha and over								
Total	88,242	40,631.6	2,494	628.0			387	84.2

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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	1,505	43	43		43	430	430						
Holding with land	86,737	1,806	2,752	2,193	559	59,731	2,872,466	927,186	1,945,280	43,863	956,557	212,477	744,080
Under 0.1 ha	14,578					2,279	19,609	5,633	13,976	2,193	27,823	2,408	25,415
0.1 ha and Under 0.2 ha	13,245	172	516	387	129	7,741	140,577	45,325	95,251	6,536	92,370	18,061	74,309
0.2 ha and Under 0.5 ha	30,618	516	817	688	129	24,555	809,960	262,490	547,470	18,620	382,253	83,641	298,612
0.5 ha and Under 1 ha	19,953	559	817	602	215	17,717	1,016,503	314,695	701,808	12,557	329,273	78,824	250,449
1 ha and Under 2 ha	6,880	387	387	344	43	6,063	597,784	189,471	408,313	3,225	100,584	22,663	77,921
2 ha and Under 3 ha	989	129	172	129	43	903	174,592	68,805	105,787	559	17,502	5,375	12,127
3 ha and Under 4 ha	387	43	43	43		387	85,490	27,006	58,484	172	6,751	1,505	5,246
4 ha and Under 5 ha	43					43	10,751	3,010	7,741				
5 ha and Under 10 ha	43					43	17,201	10,751	6,450				
10 ha and over													
Total	88,242	1,849	2,795	2,193	602	59,774	2,872,896	927,616	1,945,280	43,863	956,557	212,477	744,080

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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	1,505	989	516			86		129	215
Holding with land	86,737	58,140	28,597			860	1,161	6,407	8,171
Under 0.1 ha	14,578	8,128	6,450			301	516	989	1,806
0.1 ha and Under 0.2 ha	13,245	8,085	5,160			172	172	1,462	1,548
0.2 ha and Under 0.5 ha	30,618	19,738	10,880			172	258	2,193	3,483
0.5 ha and Under 1 ha	19,953	15,481	4,472			215	172	1,290	1,032
1 ha and Under 2 ha	6,880	5,504	1,376				43	387	258
2 ha and Under 3 ha	989	731	258					43	43
3 ha and Under 4 ha	387	387							
4 ha and Under 5 ha	43	43							
5 ha and Under 10 ha	43	43						43	
10 ha and over									
Total	88,242	59,129	29,113			946	1,161	6,536	8,386

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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	516	172		129	258				
Holding with land	16,771	9,031	16,470	5,719	10,622	3,182	7,009	1,333	
Under 0.1 ha	2,150	1,763	2,021	1,118	1,333	903	1,333	344	
0.1 ha and Under 0.2 ha	2,408	1,806	2,064	817	1,204	516	774	301	
0.2 ha and Under 0.5 ha	7,009	3,870	5,289	1,892	3,096	860	1,978	516	
0.5 ha and Under 1 ha	3,956	1,247	4,988	1,290	3,354	602	1,677	129	
1 ha and Under 2 ha	946	215	1,763	602	1,419	215	989	43	
2 ha and Under 3 ha	172	129	301		43	86	172		
3 ha and Under 4 ha	129		43		172		43		
4 ha and Under 5 ha							43		
5 ha and Under 10 ha									
10 ha and over									
Total	17,287	9,203	16,470	5,848	10,880	3,182	7,009	1,333	

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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	34.5	25.5	9.0			1.2		3.0	2.9
Holding with land	40,597.1	30,346.1	10,251.0			246.3	285.8	2,770.6	2,541.4
Under 0.1 ha	809.0	455.0	354.0			19.1	27.1	50.0	109.9
0.1 ha and Under 0.2 ha	2,048.5	1,249.3	799.2			25.9	24.7	214.4	245.1
0.2 ha and Under 0.5 ha	10,380.0	6,797.1	3,582.9			59.0	79.3	731.5	1,097.6
0.5 ha and Under 1 ha	14,025.9	10,979.9	3,046.0			142.2	102.2	883.3	663.7
1 ha and Under 2 ha	9,281.8	7,443.5	1,838.3				52.6	487.4	316.5
2 ha and Under 3 ha	2,294.6	1,664.0	630.7					93.4	108.5
3 ha and Under 4 ha	1,251.2	1,251.2							
4 ha and Under 5 ha	195.6	195.6							
5 ha and Under 10 ha	310.5	310.5						310.5	
10 ha and over									
Total	40,631.6	30,371.5	10,260.0			247.5	285.8	2,773.6	2,544.4

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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	14.0	3.9		2.2	7.2				
Holding with land	7,668.5	3,111.6	8,985.0	2,532.6	6,442.3	1,370.1	4,233.4	409.5	
Under 0.1 ha	122.0	90.7	114.1	61.5	83.8	45.0	65.9	19.7	
0.1 ha and Under 0.2 ha	383.7	270.6	317.4	130.4	190.1	78.3	117.7	50.0	
0.2 ha and Under 0.5 ha	2,362.2	1,284.9	1,803.0	640.1	1,110.4	284.7	731.0	196.3	
0.5 ha and Under 1 ha	2,772.6	842.0	3,536.5	915.3	2,414.7	429.9	1,230.6	92.8	
1 ha and Under 2 ha	1,202.7	296.3	2,391.8	785.2	1,992.4	337.2	1,369.2	50.6	
2 ha and Under 3 ha	399.1	327.1	690.9		90.3	195.0	390.3		
3 ha and Under 4 ha	426.1		131.4		560.6		133.1		
4 ha and Under 5 ha							195.6		
5 ha and Under 10 ha									
10 ha and over									
Total	7,682.5	3,115.5	8,985.0	2,534.8	6,449.5	1,370.1	4,233.4	409.5	

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

Total area of holding	Total number of holdings	Farm population							
		All Ages		Under 15 Years		15 - 24 Years		25 - 34 Years	
		Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	1,505	3,612	3,139	1,204	989	774	473	516	817
Holding with land	86,737	193,255	214,241	53,711	51,216	44,121	51,345	22,577	34,058
Under 0.1 ha	14,578	26,920	30,145	7,569	7,612	5,762	6,708	3,354	4,816
0.1 ha and Under 0.2 ha	13,245	26,103	28,597	8,429	6,794	5,246	6,751	3,268	5,461
0.2 ha and Under 0.5 ha	30,618	65,923	74,524	18,663	18,319	15,911	17,760	6,880	12,084
0.5 ha and Under 1 ha	19,953	50,356	54,657	13,460	12,299	11,611	13,589	5,762	7,741
1 ha and Under 2 ha	6,880	19,480	21,071	4,343	5,203	4,429	5,031	2,838	3,053
2 ha and Under 3 ha	989	3,010	3,268	860	602	774	860	344	559
3 ha and Under 4 ha	387	1,290	1,763	344	344	387	602	43	301
4 ha and Under 5 ha	43	86	129		43			43	43
5 ha and Under 10 ha	43	86	86	43			43	43	
10 ha and over									
Total	88,242	196,867	217,380	54,915	52,206	44,895	51,819	23,093	34,875

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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	602	387	172	387	258	43	86	43
Holding with land	25,286	31,478	21,501	21,759	13,761	13,245	12,299	11,138
Under 0.1 ha	3,655	4,300	2,838	3,053	1,892	2,064	1,849	1,591
0.1 ha and Under 0.2 ha	3,612	4,042	2,537	2,623	1,591	1,677	1,419	1,247
0.2 ha and Under 0.5 ha	9,891	11,783	7,224	6,536	3,956	4,429	3,397	3,612
0.5 ha and Under 1 ha	5,547	8,257	6,192	6,536	4,343	3,225	3,440	3,010
1 ha and Under 2 ha	2,107	2,408	2,279	2,666	1,763	1,462	1,720	1,247
2 ha and Under 3 ha	301	516	387	215	43	215	301	301
3 ha and Under 4 ha	172	172	43	129	172	86	129	129
4 ha and Under 5 ha						43	43	
5 ha and Under 10 ha						43		
10 ha and over								
Total	25,888	31,865	21,673	22,147	14,019	13,288	12,385	11,181

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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	989	516	258	86	344	258	43				
Holding with land	58,140	28,597	8,558	3,354	13,804	6,235	5,117	1,935	3,698	1,032	
Under 0.1 ha	8,128	6,450	1,075	774	1,419	1,505	774	559	688	301	
0.1 ha and Under 0.2 ha	8,085	5,160	1,333	645	2,193	1,118	473	215	559	344	
0.2 ha and Under 0.5 ha	19,738	10,880	3,225	1,462	5,074	2,580	1,892	731	1,075	258	
0.5 ha and Under 1 ha	15,481	4,472	1,935	430	3,784	688	1,290	258	989	86	
1 ha and Under 2 ha	5,504	1,376	774	43	1,161	301	688	129	258	43	
2 ha and Under 3 ha	731	258	86		86	43		43	43		
3 ha and Under 4 ha	387		129		86				43		
4 ha and Under 5 ha	43										
5 ha and Under 10 ha	43								43		
10 ha and over											
Total	59,129	29,113	8,816	3,440	14,148	6,493	5,160	1,935	3,698	1,032	

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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							172		172	172
Holding with land	1,720	172	602	43	344	86	12,987	6,751	11,310	8,988
Under 0.1 ha	473	129	129		258	43	1,849	1,419	1,462	1,720
0.1 ha and Under 0.2 ha	172		258		43		1,548	1,118	1,505	1,720
0.2 ha and Under 0.5 ha	516		215	43		43	3,655	2,408	4,085	3,354
0.5 ha and Under 1 ha	430				43		4,085	1,247	2,924	1,763
1 ha and Under 2 ha	43						1,419	516	1,161	344
2 ha and Under 3 ha	86	43					258	43	172	86
3 ha and Under 4 ha							129			
4 ha and Under 5 ha							43			
5 ha and Under 10 ha										
10 ha and over										
Total	1,720	172	602	43	344	86	13,159	6,751	11,482	9,160

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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	2,365	2,408	645	774	946	774	215	129	172	172
Holding with land	122,300	174,506	36,940	41,455	40,853	46,357	14,062	15,180	11,697	13,159
Under 0.1 ha	16,900	21,888	5,461	5,891	5,246	5,633	1,763	1,849	1,591	1,978
0.1 ha and Under 0.2 ha	15,868	22,147	5,332	6,020	5,590	6,020	1,376	2,021	1,247	1,591
0.2 ha and Under 0.5 ha	42,358	59,860	12,858	14,234	14,922	16,685	4,773	5,289	4,515	4,300
0.5 ha and Under 1 ha	31,607	47,303	8,816	10,536	10,880	12,213	3,999	3,913	2,494	3,311
1 ha and Under 2 ha	12,557	18,534	3,483	4,085	3,311	4,429	1,720	1,591	1,548	1,505
2 ha and Under 3 ha	2,107	2,924	731	516	473	731	344	344	258	258
3 ha and Under 4 ha	860	1,634	258	172	387	559	86	172	43	172
4 ha and Under 5 ha	43	129			43	86				
5 ha and Under 10 ha		86								43
10 ha and over										
Total	124,665	176,914	37,585	42,229	41,799	47,131	14,277	15,309	11,869	13,331

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

CHITAWAN

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	86						172	172	129	387
Holding with land	3,999	3,741	1,290	645	344	215	5,246	18,749	7,870	35,004
Under 0.1 ha	817	860	258	258	172	43	516	1,720	1,075	3,655
0.1 ha and Under 0.2 ha	258	301	86	86	86	86	817	2,279	1,075	3,741
0.2 ha and Under 0.5 ha	817	1,075	344	129	86	43	1,548	6,708	2,494	11,396
0.5 ha and Under 1 ha	1,204	731	344	86		43	1,505	5,461	2,365	11,009
1 ha and Under 2 ha	860	602	172	86			731	1,849	731	4,386
2 ha and Under 3 ha	43	129	86				129	473	43	473
3 ha and Under 4 ha		43						258	86	258
4 ha and Under 5 ha										43
5 ha and Under 10 ha										43
10 ha and over										
Total	4,085	3,741	1,290	645	344	215	5,418	18,921	7,999	35,391

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CHITAWAN

Table 31. Occupational distribution of 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	989	516												43	
Holding with land	58,140	28,597	129		86		1,247	43	731	129	1,376	344	1,591	473	
Under 0.1 ha	8,128	6,450			43		387		129	43	602	301	645	258	
0.1 ha and Under 0.2 ha	8,085	5,160					387	43	86		344	43	387	43	
0.2 ha and Under 0.5 ha	19,738	10,880	43		43		344		129	43	301		387	172	
0.5 ha and Under 1 ha	15,481	4,472	43				86		258	43	86		172		
1 ha and Under 2 ha	5,504	1,376	43				43		86		43				
2 ha and Under 3 ha	731	258							43						
3 ha and Under 4 ha	387														
4 ha and Under 5 ha	43														
5 ha and Under 10 ha	43														
10 ha and over															
Total	59,129	29,113	129		86		1,247	43	731	129	1,376	344	1,634	473	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

CHITAWAN

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	774	473	86			43	43							43
Holding with land	44,938	23,437	3,741	387	1,204	172	989	172	301	3,139	172	86	1,634	215
Under 0.1 ha	3,999	4,257	1,075	172	387	129	215	43	86	1,204	43	43	516	
0.1 ha and Under 0.2 ha	5,375	4,601	731		215	43	301		43	344			215	43
0.2 ha and Under 0.5 ha	16,212	9,504	1,161	129	301		258	86	86	774	43		430	172
0.5 ha and Under 1 ha	13,589	3,612	559	86	215		129	43		645	86	43	258	
1 ha and Under 2 ha	4,773	1,204	215		43		86		43	172			129	
2 ha and Under 3 ha	516	258			43				43				86	
3 ha and Under 4 ha	387													
4 ha and Under 5 ha	43													
5 ha and Under 10 ha	43													
10 ha and over														
Total	45,712	23,910	3,827	387	1,204	215	1,032	172	301	3,139	172	86	1,677	215

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

CHITAWAN

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	2,021	2,150												129	86
Holding with land	106,217	158,509	645		387	559	1,935	817	1,204	559	1,892	903	3,440	1,634	
Under 0.1 ha	14,320	19,738	129			86	473	215	301	43	688	387	602	430	
0.1 ha and Under 0.2 ha	12,901	19,394	86		43	129	215	129		86	215	86	473	387	
0.2 ha and Under 0.5 ha	37,241	54,528	129		43	172	688	43	387	215	344	172	1,032	473	
0.5 ha and Under 1 ha	27,909	43,648	172		172	129	430	301	258	172	258	172	903	301	
1 ha and Under 2 ha	11,224	16,728	129		129	43	86	129	215	43	301	86	387	43	
2 ha and Under 3 ha	1,892	2,666					43		43		86		43		
3 ha and Under 4 ha	688	1,591													
4 ha and Under 5 ha	43	129													
5 ha and Under 10 ha		86													
10 ha and over															
Total	108,238	160,659	645		387	559	1,935	817	1,204	559	1,892	903	3,569	1,720	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

CHITAWAN

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	344	473	129		86		86		43	688	1,118	731	86	172
Holding with land	16,986	43,562	7,440	2,193	4,343	258	1,892	387	1,677	39,047	55,818	57,710	8,558	10,880
Under 0.1 ha	1,161	4,171	1,634	387	559	43	430	129	258	4,644	7,052	7,827	1,032	1,376
0.1 ha and Under 0.2 ha	1,763	5,031	1,118	516	731		86		344	5,289	6,923	6,622	903	1,118
0.2 ha and Under 0.5 ha	5,719	14,750	2,236	688	1,419	215	430	43	559	12,858	20,985	21,028	3,268	3,870
0.5 ha and Under 1 ha	5,246	13,589	1,892	473	989		645		387	10,966	14,406	14,578	2,150	2,967
1 ha and Under 2 ha	2,580	4,558	387	129	645		215	215	129	4,429	5,031	5,848	989	1,204
2 ha and Under 3 ha	301	903	172							559	1,075	989	129	215
3 ha and Under 4 ha	215	473					86			215	344	774	43	129
4 ha and Under 5 ha		43								43		43	43	
5 ha and Under 10 ha		43								43				
10 ha and over														
Total	17,330	44,035	7,569	2,193	4,429	258	1,978	387	1,720	39,735	56,936	58,441	8,644	11,052

TECHNICAL NOTES

1. METHODOLOGY

Scope and coverage

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

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

Sampling frames

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

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

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

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

Sample design and selection

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

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

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

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

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

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

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

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

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

Census content

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

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

2. DEFINITIONS OF TERMS USED

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Permanent agricultural workers are workers employed permanently by the holding during the reference year. By permanent is meant that the person worked on the holding for six months or more during the reference year. In mountain areas, a permanent worker was anyone considered permanent by the holder. Permanent workers exclude any members of the holder's household (even if the person is unrelated and being paid for work on the holding). The number of permanent workers was counted on the day of enumeration.

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

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

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

3. QUALITY CONTROL

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

4. INTERPRETATION OF DATA

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

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

5. DISSEMINATION OF CENSUS DATA

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

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

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

