

National Sample Census of Agriculture

Nepal

2011/12

Rautahat

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

RAUTAHAT

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	3,671	70.3	13.8	84.1	3,782	1.0	3,559	111				
Holding with land	75,562	62,637.9	2,112.9	64,750.8	249,230	3.3	8,268	40,191	18,650	7,193	1,261	
Under 0.1 ha	7,193	405.2	28.1	433.2	11,976	1.7	2,707	4,449	37			
0.1 ha and Under 0.2 ha	7,638	1,037.5	77.8	1,115.4	14,942	2.0	1,928	5,450	260			
0.2 ha and Under 0.5 ha	24,100	8,015.1	335.6	8,350.7	60,806	2.5	3,152	16,907	3,819	222		
0.5 ha and Under 1 ha	18,575	13,855.3	451.8	14,307.1	68,147	3.7	371	9,232	7,082	1,780	111	
1 ha and Under 2 ha	10,567	14,899.3	462.6	15,361.9	49,349	4.7	74	3,003	4,820	2,299	371	
2 ha and Under 3 ha	4,486	10,832.3	330.9	11,163.2	25,175	5.6		704	1,706	1,780	297	
3 ha and Under 4 ha	1,594	5,403.2	232.1	5,635.4	9,640	6.0	37	222	519	630	185	
4 ha and Under 5 ha	593	2,528.8	139.4	2,668.2	3,745	6.3		74	185	222	111	
5 ha and Under 10 ha	779	5,266.9	54.6	5,321.5	5,117	6.6		148	222	222	185	
10 ha and over	37	394.2		394.2	334	9.0				37		
Total	79,233	62,708.2	2,126.7	64,834.9	253,012	3.2	11,827	40,302	18,650	7,193	1,261	

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

RAUTAHAT

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	3,671	84.1	3,559	83.1			111	0.9				
Holding with land	75,562	64,750.8	66,701	55,573.6	74	58.1			8,787	3,843.4	5,204.0	71.7
Under 0.1 ha	7,193	433.2	6,933	418.4					260	3.0	11.0	0.9
0.1 ha and under 0.2 ha	7,638	1,115.4	7,341	1,071.1					297	4.7	39.5	
0.2 ha and under 0.5 ha	24,100	8,350.7	21,579	7,488.5					2,521	192.4	668.9	0.9
0.5 ha and under 1 ha	18,575	14,307.1	15,758	12,133.5	74	58.1			2,744	731.3	1,373.1	11.1
1 ha and under 2 ha	10,567	15,361.9	8,713	12,704.0					1,854	1,237.2	1,382.4	38.2
2 ha and under 3 ha	4,486	11,163.2	3,708	9,246.0					779	990.1	906.5	20.6
3 ha and under 4 ha	1,594	5,635.4	1,372	4,856.5					222	386.9	391.9	
4 ha and under 5 ha	593	2,668.2	556	2,502.0					37	139.9	26.4	
5 ha and under 10 ha	779	5,321.5	704	4,759.3					74	157.9	404.3	
10 ha and over	37	394.2	37	394.2								
Total	79,233	64,834.9	70,260	55,656.8	74	58.1	111	0.9	8,787	3,843.4	5,204.0	71.7

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

RAUTAHAT

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	3,671														
Holding with land	75,562	74	58.1			74	58.1								
Under 0.1 ha	7,193														
0.1 ha and under 0.2 ha	7,638														
0.2 ha and under 0.5 ha	24,100														
0.5 ha and under 1 ha	18,575	74	58.1			74	58.1								
1 ha and under 2 ha	10,567														
2 ha and under 3 ha	4,486														
3 ha and under 4 ha	1,594														
4 ha and under 5 ha	593														
5 ha and under 10 ha	779														
10 ha and over	37														
Total	79,233	74	58.1			74	58.1								

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

RAUTAHAT

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	3,671														
Holding with land	75,562	8,453	5,204.0	482	555.3	2,225	1,428.4	4,560	2,554.5	222	39.5	1,261	585.8	222	40.4
Under 0.1 ha	7,193	222	11.0			74	5.3	111	2.6			37	3.1		
0.1 ha and under 0.2 ha	7,638	297	39.5					222	31.6	37	4.4	37	3.5		
0.2 ha and under 0.5 ha	24,100	2,521	668.9	148	55.4	630	164.9	1,186	324.7	111	29.9	371	87.9	74	6.2
0.5 ha and under 1 ha	18,575	2,632	1,373.1	74	21.1	779	472.1	1,594	793.8	74	5.3	148	57.1	111	23.7
1 ha and under 2 ha	10,567	1,743	1,382.4	111	89.6	408	272.7	964	767.0			408	253.1		
2 ha and under 3 ha	4,486	704	906.5	74	67.8	222	290.0	334	383.4			222	154.7	37	10.5
3 ha and under 4 ha	1,594	222	391.9	37	40.2	111	223.5	74	101.9			37	26.4		
4 ha and under 5 ha	593	37	26.4					37	26.4						
5 ha and under 10 ha	779	74	404.3	37	281.2			37	123.0						
10 ha and over	37														
Total	79,233	8,453	5,204.0	482	555.3	2,225	1,428.4	4,560	2,554.5	222	39.5	1,261	585.8	222	40.4

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

RAUTAHAAT

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	3,671	84.1	482	5.4	37	15.1			519	20.4
Holding with land	75,562	64,750.8	75,043	58,856.6	1,854	535.4	1,001	243.6	75,043	59,635.6
Under 0.1 ha	7,193	433.2	7,008	327.5					7,008	327.5
0.1 ha and under 0.2 ha	7,638	1,115.4	7,490	967.2			37	1.3	7,490	968.4
0.2 ha and under 0.5 ha	24,100	8,350.7	24,026	7,670.0	222	43.1	37	6.3	24,026	7,719.3
0.5 ha and under 1 ha	18,575	14,307.1	18,464	13,119.7	593	113.9	185	7.3	18,464	13,240.9
1 ha and under 2 ha	10,567	15,361.9	10,567	14,056.5	482	140.5	222	74.4	10,567	14,271.3
2 ha and under 3 ha	4,486	11,163.2	4,486	10,158.8	297	76.6	371	76.6	4,486	10,312.0
3 ha and under 4 ha	1,594	5,635.4	1,594	4,972.2	111	64.7	111	54.0	1,594	5,090.8
4 ha and under 5 ha	593	2,668.2	593	2,368.5	111	77.8	37	23.9	593	2,470.2
5 ha and under 10 ha	779	5,321.5	779	4,847.1					779	4,847.1
10 ha and over	37	394.2	37	369.1	37	18.8			37	388.0
Total	79,233	64,834.9	75,525	58,861.9	1,891	550.5	1,001	243.6	75,562	59,656.0

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

RAUTAHAT

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					37	10.0			3,671	53.6
Holding with land	14,312	1,936.1	371	73.4	5,710	987.5	222	120.0	74,969	1,998.2
Under 0.1 ha	445	12.4							7,082	93.4
0.1 ha and under 0.2 ha	630	25.3			74	1.9	37	0.1	7,638	119.6
0.2 ha and under 0.5 ha	2,002	108.0			630	47.4			23,766	476.0
0.5 ha and under 1 ha	4,190	343.6	222	24.5	1,965	201.4			18,501	496.7
1 ha and under 2 ha	3,485	567.0			1,557	153.2	37	0.6	10,493	369.7
2 ha and under 3 ha	1,891	392.0	37	17.6	593	155.7	74	66.5	4,486	219.4
3 ha and under 4 ha	927	266.9	37	3.8	371	111.4	74	52.7	1,594	109.7
4 ha and under 5 ha	334	91.7	37	25.1	185	43.9			593	37.3
5 ha and under 10 ha	408	129.3	37	2.5	297	267.4			779	75.1
10 ha and over					37	5.0			37	1.3
Total	14,312	1,936.1	371	73.4	5,747	997.5	222	120.0	78,640	2,051.8

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

RAUTAHAT

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

Total area of holding	Total		Source of irrigation															
	No. of holdings	Area (ha)	No. of holdings reporting	Area (ha)	River/lake/pond				Dam/reservoir		Tube well/boring		Others		Mixed			
					By gravity		Pumping		No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
					No. of holdings	Area (ha)	No. of holdings	Area (ha)										
Holding without land	3,671	84.1	408	13.5	74	10.5					297	2.7	37	0.4				
Holding with land	75,562	64,750.8	73,634	59,316.7	14,386	9,860.5	9,862	4,658.5	14,794	9,732.2	48,348	32,521.5	1,928	363.9	5,154	2,180.1		
Under 0.1 ha	7,193	433.2	6,785	311.6	742	27.8	185	10.3	890	38.7	4,635	219.3	222	9.6	148	5.9		
0.1 ha and under 0.2 ha	7,638	1,115.4	7,304	936.1	890	98.1	519	71.8	1,075	124.8	4,672	589.2	148	20.8	260	31.4		
0.2 ha and under 0.5 ha	24,100	8,350.7	23,507	7,536.8	4,301	1,187.2	2,670	594.2	5,005	1,368.0	13,830	3,980.8	445	52.0	1,446	354.6		
0.5 ha and under 1 ha	18,575	14,307.1	18,242	13,202.3	3,893	2,061.2	2,966	1,072.3	4,004	2,465.8	11,753	6,936.8	630	136.9	1,409	529.3		
1 ha and under 2 ha	10,567	15,361.9	10,419	14,046.6	2,707	2,393.0	1,928	1,080.5	2,113	2,023.2	7,786	7,874.9	334	117.4	1,224	557.6		
2 ha and under 3 ha	4,486	11,163.2	4,412	10,270.0	853	1,387.6	853	582.5	964	1,527.7	3,559	6,326.0	111	24.3	445	421.8		
3 ha and under 4 ha	1,594	5,635.4	1,557	5,081.6	593	1,230.4	371	635.4	260	462.5	1,075	2,597.4	37	3.0	111	152.9		
4 ha and under 5 ha	593	2,668.2	593	2,422.7	148	391.6	222	263.5	260	737.4	445	1,030.3						
5 ha and under 10 ha	779	5,321.5	779	5,145.3	260	1,083.5	111	239.2	222	984.1	556	2,747.1			74	91.4		
10 ha and over	37	394.2	37	363.6			37	108.8			37	219.7			37	35.2		
Total	79,233	64,834.9	74,042	59,330.2	14,460	9,870.9	9,862	4,658.5	14,794	9,732.2	48,645	32,524.2	1,965	364.3	5,154	2,180.1		

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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	3,671	84.1	408	13.5	148	11.1			260	2.5		
Holding with land	75,562	64,750.8	73,634	59,316.7	26,399	16,858.0	8,898	6,023.4	48,793	33,815.3	4,227	2,619.9
Under 0.1 ha	7,193	433.2	6,785	311.6	2,447	92.6	185	11.7	3,930	197.0	260	10.3
0.1 ha and under 0.2 ha	7,638	1,115.4	7,304	936.1	1,891	222.3	482	48.5	4,894	633.3	260	32.1
0.2 ha and under 0.5 ha	24,100	8,350.7	23,507	7,536.8	8,342	2,181.6	3,114	912.4	14,200	4,209.4	964	233.3
0.5 ha and under 1 ha	18,575	14,307.1	18,242	13,202.3	6,488	3,514.7	2,373	1,371.2	12,569	7,812.3	1,186	504.1
1 ha and under 2 ha	10,567	15,361.9	10,419	14,046.6	3,967	3,625.3	1,668	1,456.3	7,675	8,328.1	890	636.9
2 ha and under 3 ha	4,486	11,163.2	4,412	10,270.0	1,706	2,220.0	779	1,481.6	3,374	6,071.9	297	496.5
3 ha and under 4 ha	1,594	5,635.4	1,557	5,081.6	742	1,739.7	74	175.8	1,112	2,696.5	222	469.7
4 ha and under 5 ha	593	2,668.2	593	2,422.7	334	1,081.2	74	228.5	445	1,113.0		
5 ha and under 10 ha	779	5,321.5	779	5,145.3	482	2,180.6	148	337.5	556	2,390.2	148	237.0
10 ha and over	37	394.2	37	363.6					37	363.6		
Total	79,233	64,834.9	74,042	59,330.2	26,547	16,869.1	8,898	6,023.4	49,053	33,817.8	4,227	2,619.9

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

Total area of holding	Total		Crops under pure stand				Crops under mixed stand				Associated crops	
	No. of holdings	Area (ha)	Temporary		Permanent		Temporary		Permanent			
			No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	482	10.5	482	10.5								
Holding with land	75,562	112,478.0	74,895	107,343.0	12,569	1,740.7	7,971	3,197.1	1,817	194.2	37	3.0
Under 0.1 ha	7,193	679.9	6,859	646.4	297	5.8	260	19.3	111	5.3	37	3.0
0.1 ha and under 0.2 ha	7,638	1,986.5	7,490	1,915.5	593	24.7	408	45.7	37	0.6		
0.2 ha and under 0.5 ha	24,100	15,418.9	24,026	15,029.0	1,817	96.7	1,372	281.9	222	11.3		
0.5 ha and under 1 ha	18,575	25,745.7	18,464	24,777.8	3,856	327.6	2,373	624.2	334	16.1		
1 ha and under 2 ha	10,567	27,040.2	10,567	25,567.6	3,040	501.9	1,928	905.7	482	65.1		
2 ha and under 3 ha	4,486	18,878.0	4,486	17,891.5	1,557	340.2	964	594.5	371	51.8		
3 ha and under 4 ha	1,594	9,046.8	1,594	8,523.5	816	255.6	371	256.4	111	11.3		
4 ha and under 5 ha	593	4,284.7	593	4,033.9	297	87.9	148	159.1	37	3.8		
5 ha and under 10 ha	779	8,659.1	779	8,219.6	297	100.4	148	310.2	111	28.9		
10 ha and over	37	738.2	37	738.2								
Total	76,044	112,488.5	75,377	107,353.6	12,569	1,740.7	7,971	3,197.1	1,817	194.2	37	3.0

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

Total area of holding	Cereal grains		Leguminous grains		Tubers and bulb crops		Oil seeds		Cash crops		Spices		Vegetables		Temporary grass crops	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	148	2.2	37	0.4	334	3.7			37	0.2	111	1.4	260	2.6		
Holding with land	71,558	83,273.3	39,413	14,062.0	14,757	1,393.2	11,902	2,415.3	10,715	7,850.3	7,860	642.2	10,011	894.5	148	11.0
Under 0.1 ha	5,673	423.0	1,112	50.3	1,891	57.7	297	11.4	37	0.7	1,149	32.0	2,299	92.5		
0.1 ha and Under 0.2 ha	7,008	1,527.0	2,336	223.1	1,038	40.1	334	19.8	148	20.2	667	42.6	1,335	88.4		
0.2 ha and under 0.5 ha	23,395	12,393.0	10,901	1,862.8	2,707	188.3	2,336	278.5	1,631	397.2	1,112	50.4	1,817	140.6		
0.5 ha and under 1 ha	18,056	19,823.1	11,865	3,334.3	3,448	317.7	3,152	477.0	2,818	1,096.6	2,150	140.3	2,076	211.7	74	1.3
1 ha and under 2 ha	10,344	19,889.0	7,564	3,657.1	2,670	311.3	3,040	686.8	2,707	1,614.9	1,224	147.1	1,186	166.2	37	0.9
2 ha and under 3 ha	4,301	13,436.6	3,411	2,294.8	1,928	280.4	1,520	430.6	1,780	1,848.6	927	100.5	779	94.5		
3 ha and under 4 ha	1,483	6,155.9	1,149	1,038.9	593	99.3	704	256.7	853	1,082.7	334	59.8	371	77.8	37	8.8
4 ha and under 5 ha	556	2,836.1	482	663.1	185	32.5	222	114.7	334	529.1	74	3.5	74	14.1		
5 ha and under 10 ha	704	6,271.1	556	753.2	297	65.9	260	104.6	408	1,260.3	222	65.9	74	8.8		
10 ha and over	37	518.5	37	184.6			37	35.2								
Total	71,706	83,275.5	39,450	14,062.4	15,090	1,396.9	11,902	2,415.3	10,752	7,850.5	7,971	643.6	10,270	897.1	148	11.0

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

Total area of holding	Early paddy		Main paddy		Upland paddy		Wheat		Maize		Millets		Barley/naked barley		Buckwheat		Other cereals	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land			111	1.3			74	0.9										
Holding with land	8,528	4,254.1	66,256	45,212.8	1,038	342.8	55,838	28,243.0	12,829	5,086.7	260	47.5	37	3.5	111	59.8	148	23.2
Under 0.1 ha	816	41.6	4,635	236.8			2,113	117.7	408	24.3	37	1.8					37	0.9
0.1 ha and Under 0.2 ha	779	97.8	6,266	802.4	37	3.5	4,301	492.0	779	127.8	37	3.5						
0.2 ha and under 0.5 ha	2,299	569.1	21,690	6,446.5	260	63.3	18,056	4,238.2	3,634	1,039.1	74	28.1			37	8.8		
0.5 ha and under 1 ha	2,336	1,030.8	16,907	10,441.7	371	117.8	15,127	6,578.0	3,745	1,587.6	74	11.4			74	51.0	74	4.7
1 ha and under 2 ha	1,149	826.1	9,974	11,245.0	222	65.0	9,455	6,759.7	2,521	972.0			37	3.5			37	17.6
2 ha and under 3 ha	890	966.3	4,116	7,204.1	74	22.9	4,116	4,498.9	1,186	741.8	37	2.6						
3 ha and under 4 ha	185	359.5	1,409	3,339.7	37	17.6	1,446	2,384.7	222	54.5								
4 ha and under 5 ha			556	1,845.6			556	978.2	111	12.3								
5 ha and under 10 ha	74	363.0	667	3,281.9	37	52.7	630	2,046.2	222	527.3								
10 ha and over			37	369.1			37	149.4										
Total	8,528	4,254.1	66,367	45,214.1	1,038	342.8	55,912	28,243.9	12,829	5,086.7	260	47.5	37	3.5	111	59.8	148	23.2

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

Total area of holding	Soyabean		Black gram		Red gram		Grass pea		Lentil		Gram pea		Pea		Green gram		Horse gram		Cow pea		Other leguminous crops		
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holding	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holding	Area (ha)	No. of holding	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	
Holding without land									37	0.4													
Holding with land	37	0.9	185	14.9	334	61.5	2,076	461.0	36,854	12,580.2	37	6.2	890	139.3	148	18.5			260	101.9	1,928	677.6	
Under 0.1 ha	37	0.9							1,001	46.3											74	3.1	
0.1 ha and Under 0.2 ha					37	5.3	111	8.6	2,150	193.3			37	0.9								111	14.9
0.2 ha and under 0.5 ha			74	6.2	111	17.6	445	73.8	9,937	1,645.3			111	10.5	37	0.9				148	50.1	334	58.4
0.5 ha and under 1 ha			37	3.5	74	19.3	779	116.9	11,086	2,945.8	37	6.2	297	48.3	74	7.0				111	51.9	593	135.3
1 ha and under 2 ha			37	3.5	37	3.5	297	62.6	7,230	3,366.9			297	58.4								519	162.1
2 ha and under 3 ha			37	1.8	74	15.8	185	28.6	3,300	2,141.0			74	5.3	37	10.5						111	91.8
3 ha and under 4 ha							74	24.6	1,112	924.6												148	89.6
4 ha and under 5 ha							37	10.5	445	530.4												37	122.2
5 ha and under 10 ha							148	135.3	556	602.0			74	15.8									
10 ha and over									37	184.6													
Total	37	0.9	185	14.9	334	61.5	2,076	461.0	36,891	12,580.7	37	6.2	890	139.3	148	18.5			260	101.9	1,928	677.6	

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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	260	2.8					74	0.9
Holding with land	14,571	1,342.3	111	19.3	74	31.6		
Under 0.1 ha	1,854	55.9			37	1.8		
0.1 ha and Under 0.2 ha	1,038	40.1						
0.2 ha and under 0.5 ha	2,707	188.3						
0.5 ha and under 1 ha	3,337	280.8	74	7.0	37	29.9		
1 ha and under 2 ha	2,670	311.3						
2 ha and under 3 ha	1,891	268.1	37	12.3				
3 ha and under 4 ha	593	99.3						
4 ha and under 5 ha	185	32.5						
5 ha and under 10 ha	297	65.9						
10 ha and over								
Total	14,831	1,345.1	111	19.3	74	31.6	74	0.9

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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	11,383	2,173.1	371	112.7	964	106.8	37	10.5			74	12.3
Under 0.1 ha	222	9.2	37	1.8	37	0.4						
0.1 ha and Under 0.2 ha	334	19.8										
0.2 ha and under 0.5 ha	2,299	271.5			37	1.8					37	5.3
0.5 ha and under 1 ha	2,966	424.1	148	30.1	111	5.3	37	10.5			37	7.0
1 ha and under 2 ha	2,892	560.3	148	68.6	445	58.0						
2 ha and under 3 ha	1,446	380.5	37	12.3	297	37.8						
3 ha and under 4 ha	704	253.2			37	3.5						
4 ha and under 5 ha	222	114.7										
5 ha and under 10 ha	260	104.6										
10 ha and over	37	35.2										
Total	11,383	2,173.1	371	112.7	964	106.8	37	10.5			74	12.3

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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							37	0.2
Holding with land	10,419	7,721.2			297	127.4	37	1.8
Under 0.1 ha	37	0.7						
0.1 ha and Under 0.2 ha	74	10.5			74	9.7		
0.2 ha and under 0.5 ha	1,557	377.9			74	19.3		
0.5 ha and under 1 ha	2,781	1,091.4			37	5.3		
1 ha and under 2 ha	2,632	1,574.5			74	38.7	37	1.8
2 ha and under 3 ha	1,780	1,848.6						
3 ha and under 4 ha	853	1,082.7						
4 ha and under 5 ha	297	474.6			37	54.5		
5 ha and under 10 ha	408	1,260.3						
10 ha and over								
Total	10,419	7,721.2			297	127.4	74	1.9

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

Total area of holding	Chili		Onion		Garlic		Ginger		Turmeric		Coriander seed		Other spice crops	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	37	0.4	74	0.7							37	0.4		
Holding with land	1,928	128.0	5,080	246.0	3,114	98.6	74	13.2	37	1.8	1,261	149.4	37	5.3
Under 0.1 ha	297	4.5	927	19.8	519	6.0					37	1.8		
0.1 ha and Under 0.2 ha	185	6.6	482	24.2	297	7.9					74	4.0		
0.2 ha and under 0.5 ha	260	8.5	667	19.2	667	17.9			37	1.8	74	3.0		
0.5 ha and under 1 ha	482	29.1	1,186	60.2	927	16.5	37	0.9			334	33.6		
1 ha and under 2 ha	260	25.8	816	57.6	334	19.9	37	12.3			260	31.6		
2 ha and under 3 ha	260	32.0	482	26.8	185	20.7					222	21.1		
3 ha and under 4 ha	148	17.1	297	25.0	74	5.3					111	12.3		
4 ha and under 5 ha			74	2.6	37	0.9								
5 ha and under 10 ha	37	4.4	148	10.5	74	3.5					148	42.2	37	5.3
10 ha and over														
Total	1,965	128.3	5,154	246.7	3,114	98.6	74	13.2	37	1.8	1,298	149.8	37	5.3

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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	74	0.9	37	0.4			148	1.4
Holding with land	6,785	494.0	260	9.4	482	20.4	5,376	370.7
Under 0.1 ha	1,520	39.0	111	3.7	297	11.6	1,409	38.1
0.1 ha and Under 0.2 ha	927	44.7			185	8.8	630	34.9
0.2 ha and under 0.5 ha	1,149	80.8	37	0.2			964	59.7
0.5 ha and under 1 ha	1,372	103.9	74	5.3			1,149	102.6
1 ha and under 2 ha	704	76.5					667	89.7
2 ha and under 3 ha	593	62.8	37	0.3			371	31.4
3 ha and under 4 ha	371	72.2					111	5.5
4 ha and under 5 ha	74	7.0					37	7.0
5 ha and under 10 ha	74	7.0					37	1.8
10 ha and over								
Total	6,859	494.9	297	9.8	482	20.4	5,524	372.1

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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	3,671	84.1										
Holding with land	75,562	64,750.8	17,352	1,936.1	12,717	1,025.4	264,320	7,712	910.7	245,559	17,426	18,390
under 0.1 ha	7,193	433.2	482	12.4	630	10.2	4,412	74	2.2	185	185	
0.1 ha and under 0.2 ha	7,638	1,115.4	816	25.3	371	20.7	2,929	334	4.6	7,378	260	260
0.2 ha and under 0.5 ha	24,100	8,350.7	3,077	108.0	1,706	65.5	48,459	890	42.5	8,305	2,966	3,930
0.5 ha and under 1 ha	18,575	14,307.1	5,080	343.6	3,189	163.6	49,275	2,076	180.0	41,007	2,558	5,784
1 ha and under 2 ha	10,567	15,361.9	4,078	567.0	2,707	212.1	60,954	2,410	354.9	82,125	4,820	4,746
2 ha and under 3 ha	4,486	11,163.2	2,039	392.0	2,076	210.6	35,853	964	181.4	38,486	3,782	1,446
3 ha and under 4 ha	1,594	5,635.4	1,001	266.9	1,001	158.8	29,773	593	108.1	28,734	2,262	556
4 ha and under 5 ha	593	2,668.2	334	91.7	371	61.5	10,604	260	30.1	13,570	371	1,668
5 ha and under 10 ha	779	5,321.5	445	129.3	667	122.4	22,061	111	6.9	25,768	222	
10 ha and over	37	394.2										
Total	79,233	64,834.9	17,352	1,936.1	12,717	1,025.4	264,320	7,712	910.7	245,559	17,426	18,390

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

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

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RAUTAHAT

Table 7b. Plantation features and ages of junar by total area of holding

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

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RAUTAHAT

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	111	0.8	111	0.8	334					
under 0.1 ha	74	0.4	74	0.4	222					
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	37	0.3	37	0.3	111					
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	111	0.8	111	0.8	334					

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RAUTAHAT

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	74	0.4				37	0.4	185	74	37
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	37								37	
0.5 ha and under 1 ha	37	0.4				37	0.4	185	37	37
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	74	0.4				37	0.4	185	74	37

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RAUTAHAT

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

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

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RAUTAHAT

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	297	19.8	185	19.8	7,971			222		
under 0.1 ha	37							148		
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	148	2.8	74	2.8	5,747			74		
0.5 ha and under 1 ha										
1 ha and under 2 ha	74	5.0	74	5.0	1,112					
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha	37	11.9	37	11.9	1,112					
10 ha and over										
Total	297	19.8	185	19.8	7,971			222		

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RAUTAHAT

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

Total area of holding	Mango									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	11,383	887.5	8,898	764.0	139,371	1,668	123.4	20,096	7,971	10,159
under 0.1 ha	260	4.7	260	4.7	1,186				37	
0.1 ha and under 0.2 ha	519	21.7	334	20.1	2,818	74	1.6	445	37	148
0.2 ha and under 0.5 ha	1,483	56.5	1,112	44.5	9,788	185	12.0	2,336	742	2,039
0.5 ha and under 1 ha	3,263	147.1	2,558	126.0	27,251	408	21.1	3,040	853	2,855
1 ha and under 2 ha	2,595	193.6	1,743	143.8	26,473	667	49.8	7,564	2,595	1,520
2 ha and under 3 ha	1,817	189.6	1,520	164.5	28,104	222	25.1	3,374	2,929	1,372
3 ha and under 4 ha	742	133.7	704	126.2	20,244	74	7.5	2,966	185	556
4 ha and under 5 ha	297	59.0	297	52.7	9,862	37	6.3	371	371	1,668
5 ha and under 10 ha	408	81.6	371	81.6	13,644				222	
10 ha and over										
Total	11,383	887.5	8,898	764.0	139,371	1,668	123.4	20,096	7,971	10,159

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RAUTAHAT

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

Total area of holding	Banana									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	1,298	99.2	1,038	92.0	75,970	111	7.2	4,635	3,374	2,039
under 0.1 ha	37	0.6	37	0.6	2,225					
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	222	7.5	185	7.5	22,506				853	
0.5 ha and under 1 ha	482	32.1	371	32.1	20,837				779	2,039
1 ha and under 2 ha	408	47.7	334	41.1	28,734	74	6.6	4,264	1,186	
2 ha and under 3 ha	111	5.0	74	4.4	1,298	37	0.6	371	556	
3 ha and under 4 ha										
4 ha and under 5 ha	37	6.3	37	6.3	371					
5 ha and under 10 ha										
10 ha and over										
Total	1,298	99.2	1,038	92.0	75,970	111	7.2	4,635	3,374	2,039

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RAUTAHAT

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

Total area of holding	Guava									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	1,483	14.1	556	11.5	11,383	148	2.6	445	1,631	222
under 0.1 ha	111	1.1	111	1.1	297					
0.1 ha and under 0.2 ha	74								148	
0.2 ha and under 0.5 ha	519	5.6	185	5.0	9,492	37	0.6	37	482	148
0.5 ha and under 1 ha	297	2.8	74	0.9	297	74	1.9	297	222	37
1 ha and under 2 ha	334	1.5	111	1.4	482	37	0.1	111	667	
2 ha and under 3 ha	74	2.5	37	2.5	742				37	37
3 ha and under 4 ha	37								74	
4 ha and under 5 ha										
5 ha and under 10 ha	37	0.6	37	0.6	74					
10 ha and over										
Total	1,483	14.1	556	11.5	11,383	148	2.6	445	1,631	222

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RAUTAHAT

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	371	1.6	37	0.6	111	74	0.9	148	185	111
under 0.1 ha										
0.1 ha and under 0.2 ha	37	0.3				37	0.3	111		
0.2 ha and under 0.5 ha	111	0.6				37	0.6	37	37	37
0.5 ha and under 1 ha	185	0.6	37	0.6	111				111	74
1 ha and under 2 ha										
2 ha and under 3 ha										
3 ha and under 4 ha	37								37	
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	371	1.6	37	0.6	111	74	0.9	148	185	111

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RAUTAHAT

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	37	1.3	37	1.3		
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	37	1.3	37	1.3		
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	37	1.3	37	1.3		

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Table 71. Plantation features and ages of lychee by total area of holding

Total area of holding	Lychee									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	1,928	85.7	1,372	83.2	12,829	74	2.5	371	2,410	445
under 0.1 ha	74	0.6	74	0.6	260					
0.1 ha and under 0.2 ha	74	0.6	37	0.6	111					37
0.2 ha and under 0.5 ha	222	5.6	148	5.6	927				74	148
0.5 ha and under 1 ha	260	2.7	111	2.7	593				148	148
1 ha and under 2 ha	482	13.9	334	12.7	2,484	37	1.3	148	74	74
2 ha and under 3 ha	482	37.7	371	36.4	4,857	37	1.3	222	260	37
3 ha and under 4 ha	185	11.3	148	11.3	1,928				1,854	
4 ha and under 5 ha										
5 ha and under 10 ha	148	13.2	148	13.2	1,668					
10 ha and over										
Total	1,928	85.7	1,372	83.2	12,829	74	2.5	371	2,410	445

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RAUTAHAT

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

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

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

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

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Table 7o. Plantation features and ages of peach by total area of holding

Total area of holding	Peach									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	37	2.5	37	2.5	371					
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	37	2.5	37	2.5	371					
5 ha and under 10 ha										
10 ha and over										
Total	37	2.5	37	2.5	371					

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

Total area of holding	Papaya									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	1,001	2.7	74	2.7	1,891			1,186	148	
under 0.1 ha	37	0.2	37	0.2	37					
0.1 ha and under 0.2 ha	74							74	37	
0.2 ha and under 0.5 ha	482							630	74	
0.5 ha and under 1 ha	222							222	37	
1 ha and under 2 ha	111							185		
2 ha and under 3 ha										
3 ha and under 4 ha	37							74		
4 ha and under 5 ha										
5 ha and under 10 ha	37	2.5	37	2.5	1,854					
10 ha and over										
Total	1,001	2.7	74	2.7	1,891			1,186	148	

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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	148								74	74
under 0.1 ha										
0.1 ha and under 0.2 ha	37									37
0.2 ha and under 0.5 ha	37									37
0.5 ha and under 1 ha	74								74	
1 ha and under 2 ha										
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	148								74	74

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

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

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

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

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

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

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

Total area of holding	Other fruits									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	593	42.7	297	42.1	12,977	37	0.7	927	260	74
under 0.1 ha	37	2.5	37	2.5	185					
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	74	0.7				37	0.7	927	37	
0.5 ha and under 1 ha	111								74	74
1 ha and under 2 ha	111	3.1	37	3.1	742				111	
2 ha and under 3 ha	37	2.5	37	2.5	742					
3 ha and under 4 ha	185	21.3	148	21.3	7,601				37	
4 ha and under 5 ha										
5 ha and under 10 ha	37	12.6	37	12.6	3,708					
10 ha and over										
Total	593	42.7	297	42.1	12,977	37	0.7	927	260	74

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RAUTAHAT

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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RAUTAHAAT

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

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

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Table 7x. Plantation features and ages of black cardamom by total area of holding

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

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

Total area of holding	Broom-Grass (Amriso)		Thatch		Bamboo	
	Number of holdings	Area (ha)	Number of holdings	Area (ha)	Number of holdings	Area (ha)
Holding without land						
Holding with land			853	514.8	4,709	258.1
Under 0.1 ha					74	2.2
0.1 ha and under 0.2 ha					222	2.7
0.2 ha and under 0.5 ha			37	11.3	556	17.3
0.5 ha and under 1 ha			260	106.1	1,298	50.6
1 ha and under 2 ha			297	219.7	1,298	77.3
2 ha and under 3 ha			148	116.1	519	38.2
3 ha and under 4 ha			111	61.5	408	39.0
4 ha and under 5 ha					222	23.9
5 ha and under 10 ha					111	6.9
10 ha and over						
Total			853	514.8	4,709	258.1

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

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

Total area of holding	Fodder Tree			Multi-year grass crops		
	Number of holdings	Compact plantation		Number of scattered trees	Number of holdings	Area (ha)
		Area (ha)	Number of Trees			
Holding without land						
Holding with land	37	3.8	927		37	1.3
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					37	1.3
1 ha and under 2 ha	37	3.8	927			
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	37	3.8	927		37	1.3

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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	3,671	84.1	111	37	74		74		74	37				0.9	4
Holding with land	75,562	64,750.8	70,483	27,066	40,117	3,300	54,688	1,557	23,210	44,084	3,967	2,113	5,302	34,313.3	82,319
under 0.1 ha	7,193	433.2	5,450	2,632	2,188	630	3,485	222	1,557	3,411	260	148	334	191.6	656
0.1 ha and under 0.2 ha	7,638	1,115.4	6,970	2,595	3,745	630	4,820	74	2,188	4,412	297	222	556	721.2	1,764
0.2 ha and under 0.5 ha	24,100	8,350.7	22,988	8,602	13,348	1,038	18,168	482	8,046	13,941	1,483	371	2,002	4,937.7	13,269
0.5 ha and under 1 ha	18,575	14,307.1	17,723	7,230	9,899	593	14,275	445	5,450	11,531	1,112	816	1,186	7,913.4	20,449
1 ha and under 2 ha	10,567	15,361.9	10,270	3,671	6,414	185	8,342	185	3,337	6,637	445	260	779	8,393.0	19,689
2 ha and under 3 ha	4,486	11,163.2	4,301	1,372	2,818	111	3,337	111	1,891	2,188	260	185	222	5,654.4	11,394
3 ha and under 4 ha	1,594	5,635.4	1,483	519	927	37	1,261	37	371	1,038	74	74	185	2,552.5	6,375
4 ha and under 5 ha	593	2,668.2	556	222	297	37	482		111	445				1,132.1	3,642
5 ha and under 10 ha	779	5,321.5	704	222	445	37	482		260	445	37	37	37	2,553.8	4,745
10 ha and over	37	394.2	37		37		37			37				263.7	334
Total	79,233	64,834.9	70,594	27,103	40,191	3,300	54,762	1,557	23,284	44,121	3,967	2,113	5,302	34,314.3	82,322

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

Total area of holding	Total		Maize												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with mineral/ chemical fertilizer and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using				
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both	Area (ha)	Quantity (Qtl.)
Holding without land	3,671	84.1													
Holding with land	75,562	64,750.8	12,829	2,373	4,227	6,229	8,898	593	3,040	8,528	1,335	74	593	3,170.6	7,915
under 0.1 ha	7,193	433.2	408	37	111	260	222	37	37	334			37	16.8	32
0.1 ha and under 0.2 ha	7,638	1,115.4	779	222	185	371	371		37	667	37		74	72.6	168
0.2 ha and under 0.5 ha	24,100	8,350.7	3,634	779	1,186	1,668	2,373	111	482	2,744	408		297	652.4	1,364
0.5 ha and under 1 ha	18,575	14,307.1	3,745	816	1,261	1,668	2,447	222	853	2,447	482		111	871.6	2,522
1 ha and under 2 ha	10,567	15,361.9	2,521	222	1,112	1,186	2,076	148	853	1,483	260		37	648.8	1,384
2 ha and under 3 ha	4,486	11,163.2	1,186	185	185	816	964	74	593	482	111	37		484.0	1,075
3 ha and under 4 ha	1,594	5,635.4	222	37	37	148	185		74	148	37		37	38.9	161
4 ha and under 5 ha	593	2,668.2	111	37	37	37	74			111				8.8	37
5 ha and under 10 ha	779	5,321.5	222	37	111	74	185		111	111		37		376.7	1,172
10 ha and over	37	394.2													
Total	79,233	64,834.9	12,829	2,373	4,227	6,229	8,898	593	3,040	8,528	1,335	74	593	3,170.6	7,915

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

Total area of holding	Total		Wheat												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area Treated with mineral/ chemical fertilizer and quantity used	
				No. of holdings using				No. of holdings using	No. of holdings using						
				Local seeds	Improved seeds	Hybrid seeds	Local fertilizers		Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both	Area (ha)	Quantity (Qtl.)
Holding without land	3,671	84.1	74	37	37	37		37			37			0.3	1
Holding with land	75,562	64,750.8	55,838	17,500	38,337	26,250	1,743	20,689	32,331	3,708	1,631	4,004	19,081.1	40,990	
under 0.1 ha	7,193	433.2	2,113	816	1,298	1,001	111	667	1,224	222	111	74	79.6	198	
0.1 ha and under 0.2 ha	7,638	1,115.4	4,301	1,372	2,929	1,817	37	1,817	2,373	260	74	371	351.4	746	
0.2 ha and under 0.5 ha	24,100	8,350.7	18,056	5,376	12,680	8,824	704	6,859	10,196	1,409	297	1,335	2,890.9	6,900	
0.5 ha and under 1 ha	18,575	14,307.1	15,127	5,228	9,899	7,008	519	5,191	9,232	964	593	1,038	4,458.7	8,973	
1 ha and under 2 ha	10,567	15,361.9	9,455	3,152	6,303	4,709	260	3,485	5,487	482	408	593	4,867.1	9,795	
2 ha and under 3 ha	4,486	11,163.2	4,116	964	3,152	1,668	37	1,965	1,965	260	111	297	3,025.5	7,101	
3 ha and under 4 ha	1,594	5,635.4	1,446	260	1,186	630	37	445	927	111	37	185	1,586.6	3,671	
4 ha and under 5 ha	593	2,668.2	556	185	371	334		111	445				622.1	1,596	
5 ha and under 10 ha	779	5,321.5	630	148	482	260	37	148	445			111	1,092.5	1,936	
10 ha and over	37	394.2	37		37				37				106.7	74	
Total	79,233	64,834.9	55,912	17,537	38,374	26,287	1,743	20,726	32,331	3,745	1,631	4,004	19,081.5	40,991	

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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	3,671	84.1	260	148		111	185		37	222				2.0	11
Holding with land	75,562	64,750.8	14,571	6,118	6,192	2,262	10,938	964	4,931	8,268	964	890	334	899.5	3,271
under 0.1 ha	7,193	433.2	1,854	927	667	260	1,409	111	556	1,075	37	37	111	36.5	131
0.1 ha and under 0.2 ha	7,638	1,115.4	1,038	482	371	185	779	37	111	853	37			23.1	108
0.2 ha and under 0.5 ha	24,100	8,350.7	2,707	1,224	964	519	1,928	297	779	1,631	260	148	37	120.8	689
0.5 ha and under 1 ha	18,575	14,307.1	3,337	1,743	1,075	519	2,336	297	964	1,965	297	222	74	186.1	484
1 ha and under 2 ha	10,567	15,361.9	2,670	1,001	1,520	148	2,150	111	1,335	1,186	148	334	37	199.9	948
2 ha and under 3 ha	4,486	11,163.2	1,891	482	1,001	408	1,446	37	1,001	816	148	111	37	226.4	492
3 ha and under 4 ha	1,594	5,635.4	593	148	297	148	519	74	111	334	37	37	37	37.0	182
4 ha and under 5 ha	593	2,668.2	185	74	74	37	148			185				22.6	36
5 ha and under 10 ha	779	5,321.5	297	37	222	37	222		74	222				47.1	202
10 ha and over	37	394.2													
Total	79,233	64,834.9	14,831	6,266	6,192	2,373	11,123	964	4,968	8,491	964	890	334	901.5	3,282

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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			Local fertilizers	Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both	Area (ha)
Holding without land	3,671	84.1													
Holding with land	75,562	64,750.8	10,419	4,412	6,006		7,601	445	3,930	5,599	556	260	260	5,210.2	15,136
under 0.1 ha	7,193	433.2	37	37					37					0.5	7
0.1 ha and under 0.2 ha	7,638	1,115.4	74	37	37		74			74				7.5	19
0.2 ha and under 0.5 ha	24,100	8,350.7	1,557	519	1,038		1,224		742	704	148	74	37	271.2	831
0.5 ha and under 1 ha	18,575	14,307.1	2,781	1,446	1,335		2,002	148	704	1,780	111	111		739.5	3,192
1 ha and under 2 ha	10,567	15,361.9	2,632	1,186	1,446		1,817	148	1,075	1,261	148		111	1,022.9	3,089
2 ha and under 3 ha	4,486	11,163.2	1,780	482	1,298		1,186	74	927	779	111	37	37	1,291.5	3,338
3 ha and under 4 ha	1,594	5,635.4	853	334	519		630	37	260	519	37		74	740.7	2,060
4 ha and under 5 ha	593	2,668.2	297	222	74		297		74	222				313.9	742
5 ha and under 10 ha	779	5,321.5	408	148	260		371	37	111	260		37		822.4	1,858
10 ha and over	37	394.2													
Total	79,233	64,834.9	10,419	4,412	6,006		7,601	445	3,930	5,599	556	260	260	5,210.2	15,136

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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	3,671	84.1	260	74	74	111	260			185			74	1.8	9
Holding with land	75,562	64,750.8	10,011	3,152	2,632	4,227	7,156	1,224	2,336	6,118	334	297	556	540.1	2,003
under 0.1 ha	7,193	433.2	2,299	742	482	1,075	1,446	185	742	1,261		37	148	54.4	188
0.1 ha and under 0.2 ha	7,638	1,115.4	1,335	260	334	742	1,038	74	260	964			111	60.0	148
0.2 ha and under 0.5 ha	24,100	8,350.7	1,817	593	519	704	1,298	371	148	1,298	74	74		86.9	606
0.5 ha and under 1 ha	18,575	14,307.1	2,076	816	408	853	1,631	148	408	1,483	74	111	111	113.8	455
1 ha and under 2 ha	10,567	15,361.9	1,186	408	445	334	816	222	371	556	74	37	111	97.4	218
2 ha and under 3 ha	4,486	11,163.2	779	148	334	297	556	111	334	260	111	37	37	66.9	194
3 ha and under 4 ha	1,594	5,635.4	371	111	37	222	222	111	74	148			37	41.7	161
4 ha and under 5 ha	593	2,668.2	74	37	37		74			74				11.3	11
5 ha and under 10 ha	779	5,321.5	74	37	37		74			74				7.5	22
10 ha and over	37	394.2													
Total	79,233	64,834.9	10,270	3,226	2,707	4,338	7,415	1,224	2,336	6,303	334	297	630	541.9	2,011

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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	3,671	84.1	260	185	37	37	37	148		37	74			0.3	1
Holding with land	75,562	64,750.8	44,233	37,040	6,526	667	11,086	15,090	10,159	16,165	6,081	2,188	2,410	9,011.1	10,197
under 0.1 ha	7,193	433.2	2,484	2,188	148	148	593	927	779	742	222	111	37	42.4	263
0.1 ha and under 0.2 ha	7,638	1,115.4	3,003	2,410	519	74	853	1,149	630	1,001	371	37	222	124.5	197
0.2 ha and under 0.5 ha	24,100	8,350.7	12,161	10,307	1,631	222	2,855	4,523	2,632	4,190	1,854	556	556	909.2	1,127
0.5 ha and under 1 ha	18,575	14,307.1	12,717	10,789	1,743	185	3,337	4,041	3,003	4,820	1,854	667	630	1,803.0	2,658
1 ha and under 2 ha	10,567	15,361.9	7,934	6,340	1,557	37	2,002	2,447	1,854	3,189	742	519	593	2,051.6	2,362
2 ha and under 3 ha	4,486	11,163.2	3,596	3,040	556		816	1,186	927	1,186	667	148	185	1,189.9	1,555
3 ha and under 4 ha	1,594	5,635.4	1,224	1,001	222		297	408	185	482	185	111	148	717.3	748
4 ha and under 5 ha	593	2,668.2	519	408	111		185	111	111	297	74			434.4	849
5 ha and under 10 ha	779	5,321.5	556	519	37		111	297	37	222	111	37	37	357.8	360
10 ha and over	37	394.2	37	37			37			37				1,381.1	78
Total	79,233	64,834.9	44,492	37,225	6,563	704	11,123	15,239	10,159	16,203	6,155	2,188	2,410	9,011.4	10,198

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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	3,916	17,483	1,310	2,761			2,529	4,215	2,523	9,130		
Holding with land	60,287	238,533	26,349	49,375			31,248	49,205	44,289	137,943	172	434
Under 0.1 ha	4,945	15,804	1,030	1,584			2,453	3,378	3,735	9,597	43	181
0.1 ha and under 0.2 ha	5,103	16,571	1,217	2,037			2,340	3,318	3,832	11,154		
0.2 ha and under 0.5 ha	18,988	68,126	5,522	10,862			9,812	14,708	14,262	42,176	86	181
0.5 ha and under 1 ha	15,546	61,648	8,096	13,668			8,039	12,227	11,836	35,692		
1 ha and under 2 ha	9,257	44,558	6,037	11,178			4,642	8,759	6,840	24,486	43	72
2 ha and under 3 ha	3,956	19,380	2,621	6,019			2,529	4,364	2,328	8,871		
3 ha and under 4 ha	1,424	6,126	936	1,720			868	1,345	922	3,061		
4 ha and under 5 ha	396	2,149	234	634			226	478	243	1,038		
5 ha and under 10 ha	672	4,170	655	1,675			340	628	291	1,868		
10 ha and over												
Total	64,203	256,015	27,659	52,136			33,777	53,420	46,812	147,073	172	434

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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	327	1,376								
Holding with land	871	1,502							37	74
Under 0.1 ha	218	1,064								
0.1 ha and under 0.2 ha	109	63								
0.2 ha and under 0.5 ha	218	125							37	74
0.5 ha and under 1 ha	109	63								
1 ha and under 2 ha	109	63								
2 ha and under 3 ha	109	125								
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	1,198	2,878							37	74

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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	1,310	2,761	2,761		543	543		362	362		181	181	
Holding with land	26,349	49,375	45,845	3,530	5,386	5,250	136	2,670	2,625	45	2,715	2,625	91
under 0.1 ha	1,030	1,584	1,584		317	317		91	91		226	226	
0.1 ha and under 0.2 ha	1,217	2,037	1,901	136	272	272		226	226		45	45	
0.2 ha and under 0.5 ha	5,522	10,862	10,092	769	1,131	1,131		453	453		679	679	
0.5 ha and under 1 ha	8,096	13,668	12,672	996	1,946	1,856	91	1,086	1,041	45	860	815	45
1 ha and under 2 ha	6,037	11,178	10,545	634	679	679		407	407		272	272	
2 ha and under 3 ha	2,621	6,019	5,748	272	724	724		317	317		407	407	
3 ha and under 4 ha	936	1,720	1,358	362	91	45	45				91	45	45
4 ha and under 5 ha	234	634	543	91	91	91		45	45		45	45	
5 ha and under 10 ha	655	1,675	1,403	272	136	136		45	45		91	91	
10 ha and over													
Total	27,659	52,136	48,606	3,530	5,929	5,793	136	3,032	2,987	45	2,896	2,806	91

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

Total area of holding	Cattle								
	One to three years								
	Total			Male			Female		
	Number of heads			Number of heads			Number of heads		
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	679	679		226	226		453	453	
Holding with land	5,567	5,476	91	3,168	3,077	91	2,399	2,399	
under 0.1 ha	181	181					181	181	
0.1 ha and under 0.2 ha	498	498		136	136		362	362	
0.2 ha and under 0.5 ha	1,675	1,584	91	1,222	1,131	91	453	453	
0.5 ha and under 1 ha	1,312	1,312		815	815		498	498	
1 ha and under 2 ha	996	996		588	588		407	407	
2 ha and under 3 ha	634	634		317	317		317	317	
3 ha and under 4 ha	45	45					45	45	
4 ha and under 5 ha									
5 ha and under 10 ha	226	226		91	91		136	136	
10 ha and over									
Total	6,245	6,155	91	3,394	3,304	91	2,851	2,851	

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

Total area of holding	Cattle											
	Three years and over											
	Total			Male			Female					
	Number of heads			Number of heads			Cows			Cows in milk		
	Total	Local	Improved	Total	Local	Improved	Number of heads			Number of heads		
Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	
Holding without land	1,539	1,539		362	362		679	679		498	498	
Holding with land	38,423	35,119	3,304	27,380	24,484	2,896	5,748	5,612	136	5,295	5,024	272
Under 0.1 ha	1,086	1,086		272	272		453	453		362	362	
0.1 ha and Under 0.2 ha	1,267	1,131	136	815	724	91	181	181		272	226	45
0.2 ha and Under 0.5 ha	8,056	7,377	679	4,571	3,937	634	1,403	1,403		2,082	2,037	45
0.5 ha and Under 1 ha	10,409	9,504	905	7,513	6,789	724	1,675	1,584	91	1,222	1,131	91
1 ha and Under 2 ha	9,504	8,870	634	7,875	7,332	543	679	679		950	860	91
2 ha and Under 3 ha	4,661	4,390	272	3,621	3,349	272	860	860		181	181	
3 ha and Under 4 ha	1,584	1,267	317	1,448	1,177	272	91	45	45	45	45	
4 ha and Under 5 ha	543	453	91	453	362	91	45	45		45	45	
5 ha and Under 10 ha	1,312	1,041	272	815	543	272	362	362		136	136	
10 ha and over												
Total	39,962	36,658	3,304	27,743	24,846	2,896	6,426	6,291	136	5,793	5,521	272

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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	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								
	No. of holdings	Number of heads			Number of heads			Male			Female		
		Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	2,529	4,215	4,155	60	1,076	1,076		239	239		837	837	
Holding with land	31,248	49,205	48,099	1,106	11,718	11,539	179	4,185	4,125	60	7,533	7,414	120
under 0.1 ha	2,453	3,378	3,318	60	717	717		149	149		568	568	
0.1 ha and under 0.2 ha	2,340	3,318	3,139	179	986	957	30	448	448		538	508	30
0.2 ha and under 0.5 ha	9,812	14,708	14,319	389	3,348	3,318	30	1,166	1,166		2,182	2,152	30
0.5 ha and under 1 ha	8,039	12,227	11,987	239	2,541	2,511	30	957	927	30	1,584	1,584	
1 ha and under 2 ha	4,642	8,759	8,639	120	2,242	2,212	30	897	897		1,345	1,315	30
2 ha and under 3 ha	2,529	4,364	4,364		1,285	1,285		389	389		897	897	
3 ha and under 4 ha	868	1,345	1,345		389	389		149	149		239	239	
4 ha and under 5 ha	226	478	419	60	90	60	30	30		30	60	60	
5 ha and under 10 ha	340	628	568	60	120	90	30				120	90	30
10 ha and over													
Total	33,777	53,420	52,254	1,166	12,794	12,615	179	4,424	4,364	60	8,370	8,251	120

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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	688	688		209	209		478	478	
Holding with land	10,194	10,044	149	2,900	2,900		7,294	7,145	149
under 0.1 ha	688	688		90	90		598	598	
0.1 ha and under 0.2 ha	538	538		90	90		448	448	
0.2 ha and under 0.5 ha	3,229	3,139	90	658	658		2,571	2,481	90
0.5 ha and under 1 ha	3,109	3,079	30	1,076	1,076		2,033	2,003	30
1 ha and under 2 ha	1,794	1,764	30	568	568		1,226	1,196	30
2 ha and under 3 ha	448	448		209	209		239	239	
3 ha and under 4 ha	209	209		90	90		120	120	
4 ha and under 5 ha	120	120		90	90		30	30	
5 ha and under 10 ha	60	60		30	30		30	30	
10 ha and over									
Total	10,881	10,732	149	3,109	3,109		7,772	7,623	149

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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	2,451	2,391	60	179	179	1,136	1,136		1,136	1,076	60	
Holding with land	27,293	26,516	777	2,720	2,720	14,469	14,170	299	10,104	9,626	478	
Under 0.1 ha	1,973	1,913	60	209	209	897	867	30	867	837	30	
0.1 ha and Under 0.2 ha	1,794	1,644	149	149	149	1,016	927	90	628	568	60	
0.2 ha and Under 0.5 ha	8,131	7,862	269	777	777	4,305	4,275	30	3,049	2,810	239	
0.5 ha and Under 1 ha	6,577	6,397	179	837	837	3,408	3,378	30	2,332	2,182	149	
1 ha and Under 2 ha	4,723	4,663	60	389	389	2,571	2,511	60	1,764	1,764		
2 ha and Under 3 ha	2,631	2,631		239	239	1,435	1,435		957	957		
3 ha and Under 4 ha	747	747		60	60	508	508		179	179		
4 ha and Under 5 ha	269	239	30			179	149	30	90	90		
5 ha and Under 10 ha	448	419	30	60	60	149	120	30	239	239		
10 ha and over												
Total	29,744	28,907	837	2,900	2,900	15,604	15,306	299	11,240	10,702	538	

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

Total area of holding	Goat												
	All ages				Under six months								
	No. of holdings	No. of heads			No. of heads			No. of heads			No. of heads		
		Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	2,523	9,130	8,975	156	2,853	2,853		1,297	1,297		1,556	1,556	
Holding with land	44,289	137,943	136,697	1,245	41,139	40,931	208	19,039	18,935	104	22,100	21,996	104
Under 0.1 ha	3,735	9,597	9,597		2,646	2,646		1,297	1,297		1,349	1,349	
0.1 ha and Under 0.2 ha	3,832	11,154	11,154		3,113	3,113		1,349	1,349		1,764	1,764	
0.2 ha and Under 0.5 ha	14,262	42,176	41,658	519	12,243	12,139	104	5,292	5,188	104	6,952	6,952	
0.5 ha and Under 1 ha	11,836	35,692	35,173	519	10,324	10,220	104	5,032	5,032		5,292	5,188	104
1 ha and Under 2 ha	6,840	24,486	24,434	52	7,834	7,834		3,683	3,683		4,150	4,150	
2 ha and Under 3 ha	2,328	8,871	8,871		2,905	2,905		1,349	1,349		1,556	1,556	
3 ha and Under 4 ha	922	3,061	2,905	156	986	986		571	571		415	415	
4 ha and Under 5 ha	243	1,038	1,038		259	259		104	104		156	156	
5 ha and Under 10 ha	291	1,868	1,868		830	830		363	363		467	467	
10 ha and over													
Total	46,812	147,073	145,672	1,401	43,992	43,785	208	20,336	20,232	104	23,656	23,552	104

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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	6,277	6,122	156	1,712	1,712		4,565	4,410	156
Holding with land	96,804	95,766	1,038	26,976	26,717	259	69,827	69,049	778
Under 0.1 ha	6,952	6,952		1,660	1,660		5,292	5,292	
0.1 ha and Under 0.2 ha	8,041	8,041		1,816	1,816		6,225	6,225	
0.2 ha and Under 0.5 ha	29,933	29,518	415	8,975	8,819	156	20,959	20,699	259
0.5 ha and Under 1 ha	25,368	24,953	415	6,122	6,122		19,247	18,832	415
1 ha and Under 2 ha	16,653	16,601	52	5,032	5,032		11,621	11,569	52
2 ha and Under 3 ha	5,966	5,966		2,127	2,127		3,839	3,839	
3 ha and Under 4 ha	2,075	1,919	156	674	571	104	1,401	1,349	52
4 ha and Under 5 ha	778	778		311	311		467	467	
5 ha and Under 10 ha	1,038	1,038		259	259		778	778	
10 ha and over									
Total	103,081	101,888	1,193	28,688	28,429	259	74,392	73,459	934

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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	172	434	434	181	181		109	109		72	72		
Under 0.1 ha	43	181	181	109	109		72	72		36	36		
0.1 ha and Under 0.2 ha													
0.2 ha and Under 0.5 ha	86	181	181	72	72		36	36		36	36		
0.5 ha and Under 1 ha													
1 ha and Under 2 ha	43	72	72										
2 ha and Under 3 ha													
3 ha and Under 4 ha													
4 ha and Under 5 ha													
5 ha and Under 10 ha													
10 ha and over													
Total	172	434	434	181	181		109	109		72	72		

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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	253	253		181	181		72	72	
Under 0.1 ha	72	72		72	72				
0.1 ha and Under 0.2 ha									
0.2 ha and Under 0.5 ha	109	109		36	36		72	72	
0.5 ha and Under 1 ha									
1 ha and Under 2 ha	72	72		72	72				
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	253	253		181	181		72	72	

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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	327	1,376	1,376		751	751		626	626	
Holding with land	871	1,502	1,502		250	250		1,251	1,251	
Under 0.1 ha	218	1,064	1,064		250	250		813	813	
0.1 ha and Under 0.2 ha	109	63	63					63	63	
0.2 ha and Under 0.5 ha	218	125	125					125	125	
0.5 ha and Under 1 ha	109	63	63					63	63	
1 ha and Under 2 ha	109	63	63					63	63	
2 ha and Under 3 ha	109	125	125					125	125	
3 ha and Under 4 ha										
4 ha and Under 5 ha										
5 ha and Under 10 ha										
10 ha and over										
Total	1,198	2,878	2,878		1,001	1,001		1,877	1,877	

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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	667	5,487	667	5,450	2,076	1,298	1,112	964	37	37	37		
Holding with land	9,825	308,034	9,455	58,285	24,656	10,938	12,977	9,714	482	249,749	219,124	29,810	816
Under 0.1 ha	816	4,857	779	4,783	593	445	2,039	1,706	37	74	74		
0.1 ha and Under 0.2 ha	853	3,226	816	3,077	1,112	742	853	371	37	148	148		
0.2 ha and Under 0.5 ha	3,485	52,797	3,411	15,498	5,673	2,855	4,004	2,966	111	37,299	7,490	29,810	
0.5 ha and Under 1 ha	1,928	208,445	1,817	8,083	2,707	1,706	1,817	1,854	111	200,363	200,214		148
1 ha and Under 2 ha	1,743	21,060	1,706	10,307	5,228	1,743	2,076	1,261	37	10,752	10,752		
2 ha and Under 3 ha	593	14,942	593	14,275	8,713	2,373	1,780	1,409	37	667			667
3 ha and Under 4 ha	222	1,631	222	1,594	408	853	260	74	37	37	37		
4 ha and Under 5 ha	37	371	37	371	185	185							
5 ha and Under 10 ha	148	704	74	297	37	37	148	74	74	408	408		
10 ha and over													
Total	10,493	313,521	10,122	63,735	26,732	12,235	14,089	10,678	519	249,786	219,161	29,810	816

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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	37	74				
Holding with land	1,928	7,193	2,150	25,620	148	260
Under 0.1 ha	185	630	37	519		
0.1 ha and Under 0.2 ha	37	74				
0.2 ha and Under 0.5 ha	482	1,261	371	3,003		
0.5 ha and Under 1 ha	519	1,780	482	2,892		
1 ha and Under 2 ha	334	1,261	556	8,120	37	37
2 ha and Under 3 ha	185	1,261	334	3,708	37	37
3 ha and Under 4 ha	111	593	148	2,225		
4 ha and Under 5 ha			74	260	37	111
5 ha and Under 10 ha	74	334	148	4,894	37	74
10 ha and over						
Total	1,965	7,267	2,150	25,620	148	260

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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	3,671	84.1	148		37			74	111	74		37	630
Holding with land	75,562	64,750.8	47,273	964	10,085	2,447	2,558	41,229	41,600	28,809	11,308	27,103	10,233
Under 0.1 ha	7,193	433.2	4,116		593	371	297	964	1,483	1,001	111	1,261	1,224
0.1 ha and Under 0.2 ha	7,638	1,115.4	4,709	37	667	111	74	2,558	3,189	1,965	408	1,965	1,001
0.2 ha and Under 0.5 ha	24,100	8,350.7	14,126	222	2,670	222	742	12,977	13,273	8,639	2,707	7,527	3,448
0.5 ha and Under 1 ha	18,575	14,307.1	12,087	260	2,892	704	890	11,939	11,790	7,860	2,818	7,749	2,002
1 ha and Under 2 ha	10,567	15,361.9	7,304	185	1,928	556	297	7,119	7,119	5,228	2,521	4,894	1,780
2 ha and Under 3 ha	4,486	11,163.2	3,040	111	704	260	185	3,411	2,818	2,262	1,261	1,891	371
3 ha and Under 4 ha	1,594	5,635.4	1,112		371	111	37	1,149	1,001	1,001	779	890	148
4 ha and Under 5 ha	593	2,668.2	334	37	185		37	556	445	371	334	519	74
5 ha and Under 10 ha	779	5,321.5	408	74	74	111		519	445	445	334	371	185
10 ha and over	37	394.2	37	37				37	37	37	37	37	
Total	79,233	64,834.9	47,421	964	10,122	2,447	2,558	41,303	41,711	28,883	11,308	27,140	10,863

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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	3,671	84.1												
Holding with land	75,562	64,750.8	22,320	23,210	22,728	222	260		297	297	260		37	
Under 0.1 ha	7,193	433.2	297	297	297									
0.1 ha and Under 0.2 ha	7,638	1,115.4	816	1,001	1,001									
0.2 ha and Under 0.5 ha	24,100	8,350.7	5,228	5,487	5,376	74	37		74	74	37		37	
0.5 ha and Under 1 ha	18,575	14,307.1	6,822	7,008	6,748	111	148		111	111	111			
1 ha and Under 2 ha	10,567	15,361.9	5,265	5,339	5,228	37	74		37	37	37			
2 ha and Under 3 ha	4,486	11,163.2	2,150	2,225	2,225				37	37	37			
3 ha and Under 4 ha	1,594	5,635.4	1,001	1,038	1,038									
4 ha and Under 5 ha	593	2,668.2	260	260	260									
5 ha and Under 10 ha	779	5,321.5	445	519	519				37	37	37			
10 ha and over	37	394.2	37	37	37									
Total	79,233	64,834.9	22,320	23,210	22,728	222	260		297	297	260		37	

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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	6,340	6,600	6,044	111	445		704	704	704			
Under 0.1 ha	445	445	445				260	260	260			
0.1 ha and Under 0.2 ha	297	297	297				37	37	37			
0.2 ha and Under 0.5 ha	1,372	1,372	1,112	37	222		37	37	37			
0.5 ha and Under 1 ha	1,743	1,780	1,631	37	111		37	37	37			
1 ha and Under 2 ha	1,446	1,446	1,335	37	74		148	148	148			
2 ha and Under 3 ha	630	667	667				111	111	111			
3 ha and Under 4 ha	148	185	148		37							
4 ha and Under 5 ha	185	260	260									
5 ha and Under 10 ha	74	148	148				74	74	74			
10 ha and over												
Total	6,340	6,600	6,044	111	445		704	704	704			

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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	1,075	1,075	1,075				2,484	2,484	2,336	111	37	
Under 0.1 ha	222	222	222									
0.1 ha and Under 0.2 ha	74	74	74				74	74	74			
0.2 ha and Under 0.5 ha	334	334	334				222	222	185		37	
0.5 ha and Under 1 ha	222	222	222				371	371	334	37		
1 ha and Under 2 ha	148	148	148				334	334	334			
2 ha and Under 3 ha	37	37	37				667	667	667			
3 ha and Under 4 ha							297	297	297			
4 ha and Under 5 ha	37	37	37				260	260	185	74		
5 ha and Under 10 ha							222	222	222			
10 ha and over							37	37	37			
Total	1,075	1,075	1,075				2,484	2,484	2,336	111	37	

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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	1,891	1,891	1,854		37		4,635	4,672	4,227	111	334	
Under 0.1 ha							37	37	37			
0.1 ha and Under 0.2 ha	37	37	37				37	37	37			
0.2 ha and Under 0.5 ha							519	519	334		185	
0.5 ha and Under 1 ha	519	519	519				853	853	667	111	74	
1 ha and Under 2 ha	556	556	519		37		1,409	1,409	1,335		74	
2 ha and Under 3 ha	334	334	334				890	927	927			
3 ha and Under 4 ha	148	148	148				371	371	371			
4 ha and Under 5 ha	111	111	111				222	222	222			
5 ha and Under 10 ha	148	148	148				260	260	260			
10 ha and over	37	37	37				37	37	37			
Total	1,891	1,891	1,854		37		4,635	4,672	4,227	111	334	

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

Total area of holding	Number by source (On the day of enumeration)											
	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	3,967	3,967	3,782	148	37		8,416	8,750	8,120	148	482	
Under 0.1 ha							185	185	185			
0.1 ha and Under 0.2 ha	74	74	74				111	111	111			
0.2 ha and Under 0.5 ha	667	667	667				1,668	1,668	1,335	37	297	
0.5 ha and Under 1 ha	742	742	630	74	37		2,225	2,447	2,336	74	37	
1 ha and Under 2 ha	964	964	890	74			2,188	2,188	2,002	37	148	
2 ha and Under 3 ha	630	630	630				1,038	1,075	1,075			
3 ha and Under 4 ha	556	556	556				482	556	556			
4 ha and Under 5 ha	111	111	111				222	222	222			
5 ha and Under 10 ha	222	222	222				260	260	260			
10 ha and over							37	37	37			
Total	3,967	3,967	3,782	148	37		8,416	8,750	8,120	148	482	

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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	148	148	148			
Holding with land	3,967	3,967	3,893	37		37
Under 0.1 ha	593	593	593			
0.1 ha and Under 0.2 ha	408	408	408			
0.2 ha and Under 0.5 ha	1,261	1,261	1,224	37		
0.5 ha and Under 1 ha	779	779	779			
1 ha and Under 2 ha	630	630	593			37
2 ha and Under 3 ha	74	74	74			
3 ha and Under 4 ha	74	74	74			
4 ha and Under 5 ha	74	74	74			
5 ha and Under 10 ha	74	74	74			
10 ha and over						
Total	4,116	4,116	4,041	37		37

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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	148	148	148							
Holding with land	1,186	1,224	1,224			37	37	37		
Under 0.1 ha	37	37	37							
0.1 ha and Under 0.2 ha	148	148	148							
0.2 ha and Under 0.5 ha	297	297	297							
0.5 ha and Under 1 ha	334	334	334							
1 ha and Under 2 ha	185	185	185			37	37	37		
2 ha and Under 3 ha	74	111	111							
3 ha and Under 4 ha	37	37	37							
4 ha and Under 5 ha										
5 ha and Under 10 ha	74	74	74							
10 ha and over										
Total	1,335	1,372	1,372			37	37	37		

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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	148	222	222			37	37			37
Under 0.1 ha										
0.1 ha and Under 0.2 ha										
0.2 ha and Under 0.5 ha	37	37	37							
0.5 ha and Under 1 ha	37	37	37							
1 ha and Under 2 ha	37	37	37			37	37			37
2 ha and Under 3 ha										
3 ha and Under 4 ha	37	111	111							
4 ha and Under 5 ha										
5 ha and Under 10 ha										
10 ha and over										
Total	148	222	222			37	37			37

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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	3,671	84.1	74	37	10.0	2,225	74
Holding with land	75,562	64,750.8	10,715	5,710	987.5	398,353	100,960
Under 0.1 ha	7,193	433.2	74				408
0.1 ha and Under 0.2 ha	7,638	1,115.4	334	74	1.9	1,112	1,594
0.2 ha and Under 0.5 ha	24,100	8,350.7	1,668	630	47.4	36,298	6,933
0.5 ha and Under 1 ha	18,575	14,307.1	3,596	1,965	201.4	96,251	18,316
1 ha and Under 2 ha	10,567	15,361.9	2,818	1,557	153.2	94,212	35,371
2 ha and Under 3 ha	4,486	11,163.2	1,075	593	155.7	57,209	10,975
3 ha and Under 4 ha	1,594	5,635.4	519	371	111.4	36,706	18,279
4 ha and Under 5 ha	593	2,668.2	185	185	43.9	18,909	1,928
5 ha and Under 10 ha	779	5,321.5	408	297	267.4	56,727	7,156
10 ha and over	37	394.2	37	37	5.0	927	
Total	79,233	64,834.9	10,789	5,747	997.5	400,577	101,034

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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	3,671	84.1	74	37			37
Holding with land	75,562	64,750.8	10,715	10,196	260	148	111
Under 0.1 ha	7,193	433.2	74	74			
0.1 ha and Under 0.2 ha	7,638	1,115.4	334	334			
0.2 ha and Under 0.5 ha	24,100	8,350.7	1,668	1,631			37
0.5 ha and Under 1 ha	18,575	14,307.1	3,596	3,263	185	111	37
1 ha and Under 2 ha	10,567	15,361.9	2,818	2,744	74		
2 ha and Under 3 ha	4,486	11,163.2	1,075	1,038		37	
3 ha and Under 4 ha	1,594	5,635.4	519	519			
4 ha and Under 5 ha	593	2,668.2	185	185			
5 ha and Under 10 ha	779	5,321.5	408	371			37
10 ha and over	37	394.2	37	37			
Total	79,233	64,834.9	10,789	10,233	260	148	148

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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	3,671	84.1				
Holding with land	75,562	64,750.8				148
Under 0.1 ha	7,193	433.2				
0.1 ha and Under 0.2 ha	7,638	1,115.4				
0.2 ha and Under 0.5 ha	24,100	8,350.7				
0.5 ha and Under 1 ha	18,575	14,307.1				
1 ha and Under 2 ha	10,567	15,361.9				37
2 ha and Under 3 ha	4,486	11,163.2				37
3 ha and Under 4 ha	1,594	5,635.4				74
4 ha and Under 5 ha	593	2,668.2				
5 ha and Under 10 ha	779	5,321.5				
10 ha and over	37	394.2				
Total	79,233	64,834.9				148

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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	3,671	84.1						
Holding with land	75,562	64,750.8	148	148	222	98.6		
Under 0.1 ha	7,193	433.2						
0.1 ha and Under 0.2 ha	7,638	1,115.4						
0.2 ha and Under 0.5 ha	24,100	8,350.7						
0.5 ha and Under 1 ha	18,575	14,307.1						
1 ha and Under 2 ha	10,567	15,361.9	37	37	37	0.6		
2 ha and Under 3 ha	4,486	11,163.2	37	37	74	45.2		
3 ha and Under 4 ha	1,594	5,635.4	74	74	111	52.7		
4 ha and Under 5 ha	593	2,668.2						
5 ha and Under 10 ha	779	5,321.5						
10 ha and over	37	394.2						
Total	79,233	64,834.9	148	148	222	98.6		

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

Total area of holding	Total		No. of holdings without agricultural credit	Number of holdings with credit by main source							
	No. of holdings	Area (ha)		Total	Cooperatives	ADB/N	Commercial Bank/financial institution	Farmer's group	Women's group	Relatives	Other
Holding without land	3,671	84.1	2,484	1,186	37	37	111	37	111	408	445
Holding with land	75,562	64,750.8	44,677	30,885	3,152	3,559	2,781	1,446	3,596	13,311	3,040
Under 0.1 ha	7,193	433.2	4,746	2,447	297	111	445	111	185	1,149	148
0.1 ha and Under 0.2 ha	7,638	1,115.4	4,338	3,300	371	37	185	111	408	1,854	334
0.2 ha and Under 0.5 ha	24,100	8,350.7	13,273	10,826	1,335	816	853	371	1,743	4,746	964
0.5 ha and Under 1 ha	18,575	14,307.1	10,789	7,786	704	890	704	445	927	3,114	1,001
1 ha and Under 2 ha	10,567	15,361.9	6,748	3,819	222	667	482	222	222	1,520	482
2 ha and Under 3 ha	4,486	11,163.2	2,855	1,631	185	556	37	111	74	593	74
3 ha and Under 4 ha	1,594	5,635.4	1,112	482		222		74	37	111	37
4 ha and Under 5 ha	593	2,668.2	334	260		148	37			74	
5 ha and Under 10 ha	779	5,321.5	445	334	37	111	37			148	
10 ha and over	37	394.2	37								
Total	79,233	64,834.9	47,162	32,071	3,189	3,596	2,892	1,483	3,708	13,718	3,485

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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	3,671	84.1	2,076	37			1,483	111	445
Holding with land	75,562	64,750.8	48,014	14,868	6,006	5,710	16,573	334	4,523
Under 0.1 ha	7,193	433.2	3,634	667	148	185	2,113	74	445
0.1 ha and Under 0.2 ha	7,638	1,115.4	4,412	1,186	111	222	2,225	37	630
0.2 ha and Under 0.5 ha	24,100	8,350.7	15,201	5,117	1,298	779	6,229	148	1,631
0.5 ha and Under 1 ha	18,575	14,307.1	12,272	4,301	1,743	1,520	3,893		816
1 ha and Under 2 ha	10,567	15,361.9	7,490	2,336	1,520	1,372	1,668		593
2 ha and Under 3 ha	4,486	11,163.2	3,040	667	742	1,149	334	37	111
3 ha and Under 4 ha	1,594	5,635.4	1,038	297	334	185	37	37	148
4 ha and Under 5 ha	593	2,668.2	445	148	74	74	74		74
5 ha and Under 10 ha	779	5,321.5	482	148	37	222			74
10 ha and over	37	394.2							
Total	79,233	64,834.9	50,091	14,905	6,006	5,710	18,056	445	4,968

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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	3,671	84.1	21,356	5.8	519	3,152	37	3,634
Holding with land	75,562	64,750.8	485,520	6.4	52,612	22,951	28,809	46,754
Under 0.1 ha	7,193	433.2	41,229	5.7	1,928	5,265	148	7,045
0.1 ha and Under 0.2 ha	7,638	1,115.4	44,937	5.9	2,892	4,746	222	7,415
0.2 ha and Under 0.5 ha	24,100	8,350.7	142,263	5.9	14,979	9,121	4,598	19,502
0.5 ha and Under 1 ha	18,575	14,307.1	121,204	6.5	15,683	2,892	8,861	9,714
1 ha and Under 2 ha	10,567	15,361.9	73,338	6.9	9,899	667	7,934	2,632
2 ha and Under 3 ha	4,486	11,163.2	37,040	8.3	4,301	185	4,190	297
3 ha and Under 4 ha	1,594	5,635.4	15,164	9.5	1,520	74	1,446	148
4 ha and Under 5 ha	593	2,668.2	4,635	7.8	593		593	
5 ha and Under 10 ha	779	5,321.5	5,562	7.1	779		779	
10 ha and over	37	394.2	148	4.0	37		37	
Total	79,233	64,834.9	506,876	6.4	53,131	26,102	28,846	50,387

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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	3,671	3,634	111	408	445	2,670	334	2,113	334	853			
Holding with land	75,562	46,754	7,230	16,722	14,349	8,453	6,748	21,949	5,562	9,455	185	2,521	334
Under 0.1 ha	7,193	7,045	148	927	2,150	3,819	1,520	2,929	816	1,372	74	260	74
0.1 ha and Under 0.2 ha	7,638	7,415	334	1,446	2,929	2,707	1,298	3,671	779	1,335	74	222	37
0.2 ha and Under 0.5 ha	24,100	19,502	2,818	8,194	6,896	1,594	2,262	9,121	2,670	4,523	37	742	148
0.5 ha and Under 1 ha	18,575	9,714	2,595	4,783	2,039	297	1,298	4,857	1,149	1,706		630	74
1 ha and Under 2 ha	10,567	2,632	1,149	1,112	334	37	371	1,075	148	482		556	
2 ha and Under 3 ha	4,486	297	111	185				148		37		111	
3 ha and Under 4 ha	1,594	148	74	74				148					
4 ha and Under 5 ha	593												
5 ha and Under 10 ha	779												
10 ha and over	37												
Total	79,233	50,387	7,341	17,129	14,794	11,123	7,082	24,063	5,895	10,307	185	2,521	334

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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	3,671	84.1	630	556	964	890	630	
Holding with land	75,562	64,750.8	8,453	24,471	17,389	20,096	4,560	593
Under 0.1 ha	7,193	433.2	593	2,781	1,149	2,113	519	37
0.1 ha and Under 0.2 ha	7,638	1,115.4	853	1,631	2,225	2,188	630	111
0.2 ha and Under 0.5 ha	24,100	8,350.7	2,521	7,712	5,080	6,822	1,780	185
0.5 ha and Under 1 ha	18,575	14,307.1	2,076	6,081	4,523	4,672	1,112	111
1 ha and Under 2 ha	10,567	15,361.9	1,298	3,152	3,003	2,707	371	37
2 ha and Under 3 ha	4,486	11,163.2	630	1,520	890	1,261	111	74
3 ha and Under 4 ha	1,594	5,635.4	260	853	297	148	37	
4 ha and Under 5 ha	593	2,668.2	74	334	111	74		
5 ha and Under 10 ha	779	5,321.5	148	371	111	111		37
10 ha and over	37	394.2		37				
Total	79,233	64,834.9	9,084	25,027	18,353	20,985	5,191	593

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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	3,671	84.1	1,557	1,335	111		37	630
Holding with land	75,562	64,750.8	21,245	39,005	2,781	185	3,893	8,453
Under 0.1 ha	7,193	433.2	2,558	3,782	37		222	593
0.1 ha and Under 0.2 ha	7,638	1,115.4	3,003	3,337	74		371	853
0.2 ha and Under 0.5 ha	24,100	8,350.7	7,786	12,124	408	37	1,224	2,521
0.5 ha and Under 1 ha	18,575	14,307.1	5,042	10,048	408	37	964	2,076
1 ha and Under 2 ha	10,567	15,361.9	2,262	5,895	519		593	1,298
2 ha and Under 3 ha	4,486	11,163.2	334	2,521	779		222	630
3 ha and Under 4 ha	1,594	5,635.4	185	890	74	74	111	260
4 ha and Under 5 ha	593	2,668.2	37	222	222		37	74
5 ha and Under 10 ha	779	5,321.5	37	185	222	37	148	148
10 ha and over	37	394.2			37			
Total	79,233	64,834.9	22,802	40,339	2,892	185	3,930	9,084

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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	3,671	84.1	3,596	74	3,634	37	
Holding with land	75,562	64,750.8	73,449	2,113	74,042	1,372	148
Under 0.1 ha	7,193	433.2	7,045	148	7,156	37	
0.1 ha and Under 0.2 ha	7,638	1,115.4	7,304	334	7,601	37	
0.2 ha and Under 0.5 ha	24,100	8,350.7	23,470	630	23,877	222	
0.5 ha and Under 1 ha	18,575	14,307.1	18,205	371	18,019	519	37
1 ha and Under 2 ha	10,567	15,361.9	10,196	371	10,270	222	74
2 ha and Under 3 ha	4,486	11,163.2	4,338	148	4,338	148	
3 ha and Under 4 ha	1,594	5,635.4	1,483	111	1,446	148	
4 ha and Under 5 ha	593	2,668.2	593		556	37	
5 ha and Under 10 ha	779	5,321.5	779		742		37
10 ha and over	37	394.2	37		37		
Total	79,233	64,834.9	77,045	2,188	77,676	1,409	148

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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	3,671	84.1	2,707	964	74	37		37	3,485	37		
Holding with land	75,562	64,750.8	72,225	3,337	71,113	1,706	445	1,965	260		37	37
Under 0.1 ha	7,193	433.2	7,045	148	5,413	1,186	222	185	185			
0.1 ha and Under 0.2 ha	7,638	1,115.4	7,490	148	6,933	408	185	74	37			
0.2 ha and Under 0.5 ha	24,100	8,350.7	23,803	297	23,358	111	37	556				37
0.5 ha and Under 1 ha	18,575	14,307.1	17,982	593	18,056			482	37			
1 ha and Under 2 ha	10,567	15,361.9	9,974	593	10,344			222				
2 ha and Under 3 ha	4,486	11,163.2	3,782	704	4,338			148				
3 ha and Under 4 ha	1,594	5,635.4	1,335	260	1,409			148			37	
4 ha and Under 5 ha	593	2,668.2	371	222	556			37				
5 ha and Under 10 ha	779	5,321.5	445	334	667			111				
10 ha and over	37	394.2		37	37							
Total	79,233	64,834.9	74,932	4,301	71,187	1,743	445	2,002	3,745	37	37	37

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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	3,671	84.1		222		371	260	37		74	185			222
Holding with land	75,562	64,750.8	148	1,965	37	1,706	8,491	742	297	260	482	630	260	4,709
Under 0.1 ha	7,193	433.2		148		297	1,594	222		37	37			556
0.1 ha and Under 0.2 ha	7,638	1,115.4	74	148		297	1,075	111	74	37	37	37		853
0.2 ha and Under 0.5 ha	24,100	8,350.7	37	667		704	2,410	297	111	37	148	185	74	1,631
0.5 ha and Under 1 ha	18,575	14,307.1		519		297	1,817			111	222	222	148	927
1 ha and Under 2 ha	10,567	15,361.9	37	297		111	853	111	37			148	37	519
2 ha and Under 3 ha	4,486	11,163.2		74	37		556		74	37				74
3 ha and Under 4 ha	1,594	5,635.4		37			111					37		74
4 ha and Under 5 ha	593	2,668.2		37							37			
5 ha and Under 10 ha	779	5,321.5		37			74							74
10 ha and over	37	394.2												
Total	79,233	64,834.9	148	2,188	37	2,076	8,750	779	297	334	667	630	260	4,931

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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	3,671	84.1	111	30.1				
Holding with land	75,562	64,750.8	5,895	3,104.9	111	86.2	853	364.6
Under 0.1 ha	7,193	433.2	74	31.4			74	93.5
0.1 ha and Under 0.2 ha	7,638	1,115.4	111	12.6			74	4.4
0.2 ha and Under 0.5 ha	24,100	8,350.7	1,075	227.9			260	26.0
0.5 ha and Under 1 ha	18,575	14,307.1	2,150	1,476.0	37	2.1	148	24.8
1 ha and Under 2 ha	10,567	15,361.9	1,112	430.0	74	84.1	222	59.0
2 ha and Under 3 ha	4,486	11,163.2	704	385.9				
3 ha and Under 4 ha	1,594	5,635.4	334	180.8			37	31.4
4 ha and Under 5 ha	593	2,668.2	222	134.3				
5 ha and Under 10 ha	779	5,321.5	74	207.2			37	125.6
10 ha and over	37	394.2	37	18.8				
Total	79,233	64,834.9	6,006	3,135.1	111	86.2	853	364.6

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Table 25. Number of holdings by type of employment of agricultural workers and number of permanent agricultural workers by sex and by total area of holding

Total area of holding	Total no. of holdings	Permanent basis				Occasional basis				Exchange of labour basis			
		No. of holdings reporting	No. of agriculture workers			No. of holdings reporting	No. of agriculture workers (man days)			No. of holdings reporting	No. of agriculture workers (man days)		
			Total	Male	Female		Total	Male	Female		Total	Male	Female
Holding without land	3,671				148	1,112	742	371	37	371	185	185	
Holding with land	75,562	1,483	1,891	1,706	185	43,009	2,885,275	1,594,040	1,291,235	17,686	365,317	190,389	174,928
Under 0.1 ha	7,193				445	6,192	3,745	2,447	630	6,006	3,411	2,595	
0.1 ha and Under 0.2 ha	7,638				1,298	18,093	9,121	8,973	1,928	21,542	11,605	9,937	
0.2 ha and Under 0.5 ha	24,100				11,716	316,450	168,625	147,825	7,527	117,682	63,957	53,724	
0.5 ha and Under 1 ha	18,575	260	260	222	37	13,051	640,315	348,781	291,534	5,117	134,181	67,925	66,256
1 ha and Under 2 ha	10,567	297	593	519	74	9,343	765,709	434,799	330,910	1,891	65,033	32,516	32,516
2 ha and Under 3 ha	4,486	371	371	371		4,301	558,376	304,141	254,235	297	11,790	6,155	5,636
3 ha and Under 4 ha	1,594	260	297	297		1,520	239,108	133,402	105,706	148	4,635	2,410	2,225
4 ha and Under 5 ha	593	37	37	37		556	134,774	75,637	59,137	111	3,152	1,854	1,298
5 ha and Under 10 ha	779	260	334	260	74	742	205,146	115,235	89,911	37	1,298	556	742
10 ha and over	37					37	1,112	556	556				
Total	79,233	1,483	1,891	1,706	185	43,157	2,886,387	1,594,782	1,291,605	17,723	365,688	190,574	175,113

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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	3,671	3,671				37		519	
Holding with land	75,562	73,227	2,336			1,483	74	9,788	519
Under 0.1 ha	7,193	6,896	297			222		1,224	37
0.1 ha and Under 0.2 ha	7,638	7,156	482			148	37	964	222
0.2 ha and Under 0.5 ha	24,100	23,284	816			593	37	3,485	185
0.5 ha and Under 1 ha	18,575	18,168	408			334		2,299	37
1 ha and Under 2 ha	10,567	10,344	222			111		1,001	37
2 ha and Under 3 ha	4,486	4,412	74			74		519	
3 ha and Under 4 ha	1,594	1,557	37					148	
4 ha and Under 5 ha	593	593						111	
5 ha and Under 10 ha	779	779						37	
10 ha and over	37	37							
Total	79,233	76,897	2,336			1,520	74	10,307	519

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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	1,224		964		519		408	
Holding with land	21,838	556	18,909	445	12,458	334	8,750	408
Under 0.1 ha	2,299	148	1,631	74	927	37	593	
0.1 ha and Under 0.2 ha	2,632	37	1,965	37	1,001	111	445	37
0.2 ha and Under 0.5 ha	7,934	222	5,117	111	3,634	185	2,521	74
0.5 ha and Under 1 ha	4,598	111	5,265	148	3,337		2,336	111
1 ha and Under 2 ha	2,855	37	3,040	74	1,817		1,520	74
2 ha and Under 3 ha	853		1,186		1,112		667	74
3 ha and Under 4 ha	408		260		334		408	37
4 ha and Under 5 ha	111		148		74		148	
5 ha and Under 10 ha	111		297		222		111	
10 ha and over	37							
Total	23,062	556	19,873	445	12,977	334	9,158	408

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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	84.1	84.1				0.6		15.7	
Holding with land	64,750.8	63,533.8	1,217.0			863.2	13.2	7,267.1	187.2
Under 0.1 ha	433.2	416.6	16.6			16.3		72.2	1.5
0.1 ha and Under 0.2 ha	1,115.4	1,042.0	73.4			23.5	4.9	149.8	36.7
0.2 ha and Under 0.5 ha	8,350.7	8,066.9	283.8			205.1	8.3	1,258.6	70.9
0.5 ha and Under 1 ha	14,307.1	13,998.6	308.5			261.0		1,822.9	29.4
1 ha and Under 2 ha	15,361.9	15,101.7	260.2			176.3		1,422.7	48.7
2 ha and Under 3 ha	11,163.2	11,005.7	157.4			181.0		1,307.7	
3 ha and Under 4 ha	5,635.4	5,518.3	117.0					523.6	
4 ha and Under 5 ha	2,668.2	2,668.2						506.2	
5 ha and Under 10 ha	5,321.5	5,321.5						203.4	
10 ha and over	394.2	394.2							
Total	64,834.9	63,617.9	1,217.0			863.9	13.2	7,282.8	187.2

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

Total area of holding	Area (ha) of holdings by holder's age and sex							
	35 - 44 Years		45 - 54 Years		55 - 64 Years		65 Years and over	
	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	30.5		23.2		6.8		7.3	
Holding with land	16,010.7	201.6	17,038.2	233.1	12,710.6	83.6	9,644.0	498.3
Under 0.1 ha	139.7	9.6	95.6	4.0	60.8	1.5	32.1	
0.1 ha and Under 0.2 ha	390.2	6.9	278.9	6.5	136.7	14.2	62.9	4.1
0.2 ha and Under 0.5 ha	2,654.0	63.0	1,798.8	42.8	1,281.8	67.9	868.6	30.9
0.5 ha and Under 1 ha	3,545.5	82.2	4,084.2	101.6	2,550.5		1,734.5	95.3
1 ha and Under 2 ha	4,094.0	39.9	4,459.9	78.1	2,682.2		2,266.4	93.5
2 ha and Under 3 ha	2,147.8		2,920.2		2,800.3		1,648.6	157.4
3 ha and Under 4 ha	1,452.7		921.6		1,205.5		1,415.0	117.0
4 ha and Under 5 ha	501.4		681.7		330.2		648.6	
5 ha and Under 10 ha	691.2		1,797.2		1,662.5		967.3	
10 ha and over	394.2							
Total	16,041.2	201.6	17,061.4	233.1	12,717.4	83.6	9,651.3	498.3

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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	3,671	11,234	10,122	4,301	4,190	2,188	1,780	1,372	1,335
Holding with land	75,562	255,830	229,690	94,027	86,241	48,014	41,081	35,705	36,261
Under 0.1 ha	7,193	21,616	19,614	7,749	8,046	4,078	3,040	2,855	3,263
0.1 ha and Under 0.2 ha	7,638	24,322	20,615	9,751	7,712	4,820	3,263	2,781	3,374
0.2 ha and Under 0.5 ha	24,100	75,080	67,183	28,772	25,880	13,088	11,271	10,196	11,234
0.5 ha and Under 1 ha	18,575	64,328	56,876	23,692	20,578	11,679	10,789	9,566	9,047
1 ha and Under 2 ha	10,567	38,041	35,297	12,495	12,643	8,120	6,748	5,339	4,746
2 ha and Under 3 ha	4,486	18,798	18,242	6,488	7,267	3,596	3,448	3,003	2,929
3 ha and Under 4 ha	1,594	8,231	6,933	3,152	2,670	1,631	1,261	1,224	964
4 ha and Under 5 ha	593	2,447	2,188	890	779	297	408	408	371
5 ha and Under 10 ha	779	2,855	2,707	1,038	667	630	853	334	334
10 ha and over	37	111	37			74			
Total	79,233	267,064	239,812	98,328	90,430	50,202	42,861	37,077	37,596

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

Total area of holding	Farm population							
	35 - 44 Years		45 - 54 Years		55 - 64 Years		65 Years and over	
	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	1,335	1,372	1,038	556	519	556	482	334
Holding with land	31,701	28,401	21,171	17,723	14,089	11,827	11,123	8,157
Under 0.1 ha	3,263	2,373	1,780	1,520	1,075	816	816	556
0.1 ha and Under 0.2 ha	3,189	3,077	2,188	1,372	1,075	1,075	519	742
0.2 ha and Under 0.5 ha	10,233	8,935	5,784	4,820	4,041	3,189	2,966	1,854
0.5 ha and Under 1 ha	6,859	6,600	5,710	4,709	3,856	3,337	2,966	1,817
1 ha and Under 2 ha	4,486	4,412	3,448	3,152	2,113	1,520	2,039	2,076
2 ha and Under 3 ha	2,188	1,817	1,372	1,298	1,186	1,075	964	408
3 ha and Under 4 ha	927	704	371	482	408	445	519	408
4 ha and Under 5 ha	371	260	185	74	74	148	222	148
5 ha and Under 10 ha	148	185	334	297	260	222	111	148
10 ha and over	37	37						
Total	33,035	29,773	22,209	18,279	14,608	12,384	11,605	8,491

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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	3,671		222		297		111		74	
Holding with land	73,227	2,336	4,227	222	10,604	222	4,486	37	2,781	37
Under 0.1 ha	6,896	297	445	37	890		260		185	
0.1 ha and Under 0.2 ha	7,156	482	408	74	742	74	185		148	
0.2 ha and Under 0.5 ha	23,284	816	1,372	111	3,114	111	1,186		593	37
0.5 ha and Under 1 ha	18,168	408	1,001		2,521	37	1,186	37	704	
1 ha and Under 2 ha	10,344	222	593		1,706		704		593	
2 ha and Under 3 ha	4,412	74	334		964		445		371	
3 ha and Under 4 ha	1,557	37	37		297		222		74	
4 ha and Under 5 ha	593		37		74		74		74	
5 ha and Under 10 ha	779				260		222		37	
10 ha and over	37				37					
Total	76,897	2,336	4,449	222	10,901	222	4,598	37	2,855	37

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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							630		2,336	
Holding with land	1,298		482				12,791	334	36,558	1,483
Under 0.1 ha	148						853		4,116	260
0.1 ha and Under 0.2 ha	297						1,038	111	4,338	222
0.2 ha and Under 0.5 ha	111		111				4,190	74	12,606	482
0.5 ha and Under 1 ha	222		37				3,300	37	9,195	297
1 ha and Under 2 ha	148		148				2,039	74	4,412	148
2 ha and Under 3 ha	222		148				742		1,186	74
3 ha and Under 4 ha	37		37				371	37	482	
4 ha and Under 5 ha	111						111		111	
5 ha and Under 10 ha							148		111	
10 ha and over										
Total	1,298		482				13,422	334	38,894	1,483

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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	6,674	8,898	2,707	1,372	1,409	667	37	37	111	111
Holding with land	158,169	203,551	57,617	48,571	34,741	24,730	8,491	5,080	9,862	4,931
Under 0.1 ha	13,199	16,833	4,598	3,708	2,744	2,410	445	297	556	260
0.1 ha and Under 0.2 ha	14,497	18,131	5,524	3,263	2,818	1,594	519	297	630	593
0.2 ha and Under 0.5 ha	44,047	59,879	16,796	14,905	8,639	5,265	1,668	1,112	2,150	853
0.5 ha and Under 1 ha	40,525	50,573	16,128	11,753	8,787	6,785	2,188	927	2,113	1,335
1 ha and Under 2 ha	23,914	31,330	7,601	7,860	5,784	4,153	1,706	890	2,262	816
2 ha and Under 3 ha	12,754	15,869	4,078	4,227	3,114	2,188	1,261	742	1,298	667
3 ha and Under 4 ha	5,784	6,229	1,780	1,743	1,780	964	556	334	482	148
4 ha and Under 5 ha	1,668	2,002	556	408	408	593	74	260	148	74
5 ha and Under 10 ha	1,706	2,670	556	704	630	742	37	222	222	185
10 ha and over	74	37			37	37	37			
Total	164,843	212,450	60,324	49,942	36,150	25,398	8,528	5,117	9,974	5,042

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

Total area of holding	Level of education									
	Bachelor's level		Master's level		Professional Degree		Literate (non-formal education)		Illiterate	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	37	37		37			260	445	2,113	6,192
Holding with land	3,671	1,335	1,594	445	37		10,159	14,497	31,997	103,963
Under 0.1 ha	111	37	74	37			482	519	4,190	9,566
0.1 ha and Under 0.2 ha	334	148	37	37			779	816	3,856	11,383
0.2 ha and Under 0.5 ha	742	408	185	37			3,114	4,153	10,752	33,147
0.5 ha and Under 1 ha	742	222	334	222			2,855	3,671	7,378	25,657
1 ha and Under 2 ha	630	111	408		37		1,928	2,892	3,559	14,608
2 ha and Under 3 ha	371	334	334	37			667	1,520	1,631	6,155
3 ha and Under 4 ha	297	37	111	37			297	593	482	2,373
4 ha and Under 5 ha	222	37	111				37	111	111	519
5 ha and Under 10 ha	222			37				222	37	556
10 ha and over										
Total	3,708	1,372	1,594	482	37		10,419	14,942	34,111	110,155

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Table 31. Occupational distribution of holder

Total area of holding	Total		Main occupation												
			Armed forces		Managers		Professionals		Technicians and associate		Clerical support workers		Service and sales workers		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Holding without land	3,671									37		37		185	
Holding with land	73,227	2,336	74		74		853		853		779		1,668		
Under 0.1 ha	6,896	297					111		74		37		408		
0.1 ha and Under 0.2 ha	7,156	482	37				74		222		111		260		
0.2 ha and Under 0.5 ha	23,284	816	37				148		148		148		556		
0.5 ha and Under 1 ha	18,168	408					222		222		111		260		
1 ha and Under 2 ha	10,344	222					222		185		222		74		
2 ha and Under 3 ha	4,412	74			37		37				111		37		
3 ha and Under 4 ha	1,557	37											74		
4 ha and Under 5 ha	593				37		37								
5 ha and Under 10 ha	779										37				
10 ha and over	37														
Total	76,897	2,336	74		74		853		890		816		1,854		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

RAUTAHAT

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	2,410		260		222		185		260				74	
Holding with land	54,095	1,780	5,562	37	1,261		3,114		4,078	519	111		704	
Under 0.1 ha	4,116	260	1,483		148		148		260	37			111	
0.1 ha and Under 0.2 ha	4,857	371	667		297		334		260	111			37	
0.2 ha and Under 0.5 ha	17,500	630	1,668		556		1,038		1,186	185	74		222	
0.5 ha and Under 1 ha	14,423	260	964	37	111		1,001		779	111			74	
1 ha and Under 2 ha	7,527	185	556		111		445		890	37			111	
2 ha and Under 3 ha	3,485	74	148				148		408					
3 ha and Under 4 ha	1,112		74		37				185	37			74	
4 ha and Under 5 ha	408								37		37		37	
5 ha and Under 10 ha	630								74				37	
10 ha and over	37													
Total	56,505	1,780	5,821	37	1,483		3,300		4,338	519	111		779	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

RAUTAHAT

Table 32. Occupational distribution of farm population other than holder

Total area of hoding	Total		Main occupation											
			Armed forces		Managers		Professionals		Technicians and associate		Clerical support workers		Service and sales workers	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	4,820	7,527	37							37			148	
Holding with land	123,762	170,405	890	334	74	779	704	334	1,557	334	1,075	260	2,966	260
Under 0.1 ha	10,270	13,570		74	37	37		37			111		445	37
0.1 ha and Under 0.2 ha	11,123	15,127	74	37					37				371	74
0.2 ha and Under 0.5 ha	33,554	49,238	148	111		111		111	297	111	74	37	1,001	
0.5 ha and Under 1 ha	31,441	43,417	222	37		260	74	74	482	37	222	74	630	74
1 ha and Under 2 ha	19,391	26,547	222	37	37	260	297	74	334		334	37	297	74
2 ha and Under 3 ha	10,270	13,348	148			74	148	37	222	111	111	74	111	
3 ha and Under 4 ha	4,820	4,894	37			37	111		74	74	185		111	
4 ha and Under 5 ha	1,409	1,743		37			74		74					
5 ha and Under 10 ha	1,409	2,484	37						37		37	37		
10 ha and over	74	37												
Total	128,582	177,931	927	334	74	779	704	334	1,557	371	1,075	260	3,114	260

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

RAUTAHAT

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	556	964	667	74	519	37	630	74	222	4,820	1,817	1,409	222	111
Holding with land	23,952	25,954	13,607	1,186	6,266	445	5,858	556	7,823	99,774	55,207	35,779	3,782	4,412
Under 0.1 ha	1,743	2,225	1,446	111	519		742		816	8,231	3,967	2,558	445	260
0.1 ha and Under 0.2 ha	1,743	2,188	1,112	260	519		853	111	890	9,195	5,080	2,818	445	445
0.2 ha and Under 0.5 ha	6,192	8,083	4,412	297	2,373	222	1,224	222	2,225	29,402	14,386	9,417	1,224	1,112
0.5 ha and Under 1 ha	6,081	6,414	3,189	334	1,780	185	2,076	148	1,854	25,657	13,904	9,047	927	1,075
1 ha and Under 2 ha	4,523	4,449	1,965	74	408	37	630		1,075	14,831	8,861	5,784	408	890
2 ha and Under 3 ha	2,225	1,557	1,149	111	556		297	74	593	7,527	4,449	3,522	260	260
3 ha and Under 4 ha	1,186	556	185		111		37		185	2,855	2,558	1,075	37	297
4 ha and Under 5 ha	222	334	37						74	667	927	667		37
5 ha and Under 10 ha	37	148	111						111	1,372	1,001	890	37	37
10 ha and over										37	74			
Total	24,508	26,918	14,275	1,261	6,785	482	6,488	630	8,046	104,593	57,024	37,188	4,004	4,523

TECHNICAL NOTES

1. METHODOLOGY

Scope and coverage

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

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

Sampling frames

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

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

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

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

Sample design and selection

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

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

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

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

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

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

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

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

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

Census content

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

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

2. DEFINITIONS OF TERMS USED

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

3. QUALITY CONTROL

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

4. INTERPRETATION OF DATA

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

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

5. DISSEMINATION OF CENSUS DATA

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

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

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

