

National Sample Census of Agriculture

Nepal

2011/12

Mahottari

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

MAHOTTARI

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	9,327	65.9	106.8	172.7	9,449	1.0	9,204	122				
Holding with land	71,517	59,008.9	5,795.7	64,804.5	258,294	3.6	4,928	37,143	18,368	9,815	1,263	
Under 0.1 ha	6,924	349.4	99.2	448.6	12,218	1.8	1,873	5,009	41			
0.1 ha and Under 0.2 ha	6,801	879.0	138.6	1,017.6	14,377	2.1	652	6,028	122			
0.2 ha and Under 0.5 ha	19,508	5,878.0	841.6	6,719.6	49,850	2.6	1,751	14,906	2,607	244		
0.5 ha and Under 1 ha	18,450	13,113.4	1,226.5	14,339.9	71,517	3.9	489	7,249	8,756	1,914	41	
1 ha and Under 2 ha	12,300	16,237.8	1,804.3	18,042.1	61,865	5.0	122	3,055	4,399	4,399	326	
2 ha and Under 3 ha	4,602	10,708.2	722.1	11,430.3	27,491	6.0	41	611	1,588	2,036	326	
3 ha and Under 4 ha	1,873	5,855.0	651.3	6,506.3	12,463	6.7		244	489	896	244	
4 ha and Under 5 ha	570	2,384.6	126.5	2,511.1	4,806	8.4			204	163	204	
5 ha and Under 10 ha	407	2,620.3	171.5	2,791.8	3,177	7.8		41	122	122	122	
10 ha and over	81	983.0	14.3	997.3	529	6.5			41	41		
Total	80,844	59,074.7	5,902.5	64,977.2	267,742	3.3	14,132	37,266	18,368	9,815	1,263	

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

Details may not add up to totals due to rounding.

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	Holdings		Tenure forms									
			One tenure forms						More than one tenure forms			
	Owned		Rented from others		Other tenure forms		No. of holdings	Area (ha)				
	Number	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)		No. of holdings	Area (ha)	Owned	Rented	Other tenure
Holding without land	9,327	172.7	9,164	160.5	41	0.1	81	11.6	41	0.2		0.4
Holding with land	71,517	64,804.5	66,712	60,681.3	81	109.2			4,724	1,397.2	2,600.1	16.7
Under 0.1 ha	6,924	448.6	6,516	420.1					407	3.0	25.5	
0.1 ha and under 0.2 ha	6,801	1,017.6	6,150	924.1					652	8.2	84.7	0.7
0.2 ha and under 0.5 ha	19,508	6,719.6	18,450	6,367.5					1,059	117.0	226.3	8.8
0.5 ha and under 1 ha	18,450	14,339.9	17,106	13,287.1	41	36.4			1,303	366.2	645.7	4.5
1 ha and under 2 ha	12,300	18,042.1	11,444	16,879.8	41	72.8			815	459.1	627.6	2.7
2 ha and under 3 ha	4,602	11,430.3	4,276	10,643.9					326	194.7	591.7	
3 ha and under 4 ha	1,873	6,506.3	1,792	6,224.2					81	116.4	165.7	
4 ha and under 5 ha	570	2,511.1	489	2,145.4					81	132.6	233.0	
5 ha and under 10 ha	407	2,791.8	407	2,791.8								
10 ha and over	81	997.3	81	997.3								
Total	80,844	64,977.2	75,875	60,841.8	122	109.4	81	11.6	4,765	1,397.4	2,600.1	17.1

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	Number of holdings	Under one tenure form - rented from others													
		Total		Rented for fixed amount of money		Rented for fixed quantity of		Rented for share of production		Rented in exchange for services		Rented for mortgage		Other rental arrangements	
		No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	9,327	41	0.1							41	0.1				
Holding with land	71,517	81	109.2					81	109.2						
Under 0.1 ha	6,924														
0.1 ha and under 0.2 ha	6,801														
0.2 ha and under 0.5 ha	19,508														
0.5 ha and under 1 ha	18,450	41	36.4					41	36.4						
1 ha and under 2 ha	12,300	41	72.8					41	72.8						
2 ha and under 3 ha	4,602														
3 ha and under 4 ha	1,873														
4 ha and under 5 ha	570														
5 ha and under 10 ha	407														
10 ha and over	81														
Total	80,844	122	109.4					81	109.2	41	0.1				

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	No. of holdings	Under more than one tenure forms --- rented from others													
		Total		Rented for fixed amount of money		Rented for fixed quantity of		Rented for share of production		Rented in exchange for		Rented for mortgage		Other rental arrangements	
		No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	9,327														
Holding with land	71,517	4,317	2,600.1	367	164.5	122	16.4	3,788	2,344.0	41	3.6			163	71.6
Under 0.1 ha	6,924	407	25.5	81	3.6	41	1.8	244	18.2					41	1.8
0.1 ha and under 0.2 ha	6,801	652	84.7			41	7.3	611	77.4						
0.2 ha and under 0.5 ha	19,508	855	226.3			41	7.3	815	219.0						
0.5 ha and under 1 ha	18,450	1,222	645.7	204	82.1			1,018	563.0					41	0.6
1 ha and under 2 ha	12,300	692	627.6	41	23.7			652	589.4	41	3.6			41	10.9
2 ha and under 3 ha	4,602	326	591.7	41	55.2			326	536.5						
3 ha and under 4 ha	1,873	81	165.7					81	165.7						
4 ha and under 5 ha	570	81	233.0					41	174.8					41	58.3
5 ha and under 10 ha	407														
10 ha and over	81														
Total	80,844	4,317	2,600.1	367	164.5	122	16.4	3,788	2,344.0	41	3.6			163	71.6

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	Total		Agricultural land							
	No. of holdings	Area (ha)	Crop land							
			Arable land							
			Land under temporary crops		Area under temporary meadows		Land under temporary fallow		Total arable land	
			No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	9,327	172.7	326	2.2			41	10.3	367	12.5
Holding with land	71,517	64,804.5	70,947	58,590.0	1,140	355.3	2,444	691.6	70,988	59,636.9
Under 0.1 ha	6,924	448.6	6,720	359.0	41	0.3	41	1.0	6,720	360.4
0.1 ha and under 0.2 ha	6,801	1,017.6	6,639	861.3					6,639	861.3
0.2 ha and under 0.5 ha	19,508	6,719.6	19,346	6,098.9	41	1.4	204	23.4	19,386	6,123.7
0.5 ha and under 1 ha	18,450	14,339.9	18,450	13,081.1	204	19.3	407	65.5	18,450	13,165.9
1 ha and under 2 ha	12,300	18,042.1	12,259	16,185.6	489	78.5	1,222	352.7	12,259	16,616.8
2 ha and under 3 ha	4,602	11,430.3	4,602	10,485.0	244	83.4	285	136.5	4,602	10,705.0
3 ha and under 4 ha	1,873	6,506.3	1,873	5,805.0	122	172.4	244	69.6	1,873	6,047.1
4 ha and under 5 ha	570	2,511.1	570	2,257.1			41	42.8	570	2,299.8
5 ha and under 10 ha	407	2,791.8	407	2,474.0					407	2,474.0
10 ha and over	81	997.3	81	983.0					81	983.0
Total	80,844	64,977.2	71,273	58,592.2	1,140	355.3	2,484	701.9	71,355	59,649.4

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	Agricultural land						Ponds		All other land	
	Crop land		Permanent meadows and pasture		Forest and other Woodland					
	Land under permanent crops									
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land									9,327	160.2
Holding with land	21,789	3,160.1	1,303	66.5	1,018	77.9	204	21.4	65,693	1,841.8
Under 0.1 ha	204	11.0							5,987	77.2
0.1 ha and under 0.2 ha	611	47.2							6,516	109.2
0.2 ha and under 0.5 ha	2,810	213.6	163	5.9	81	0.5	41	0.7	17,513	375.3
0.5 ha and under 1 ha	6,801	665.4	163	12.4	367	17.4	81	6.9	17,187	471.9
1 ha and under 2 ha	6,231	974.5	529	22.8	285	24.8			11,322	403.2
2 ha and under 3 ha	2,892	517.7	285	14.5	81	4.1			4,317	189.0
3 ha and under 4 ha	1,344	297.8	122	9.7	163	29.7	81	13.8	1,873	108.3
4 ha and under 5 ha	489	163.6	41	1.4	41	1.4			529	45.0
5 ha and under 10 ha	367	266.1							367	51.7
10 ha and over	41	3.3							81	11.0
Total	21,789	3,160.1	1,303	66.5	1,018	77.9	204	21.4	75,020	2,001.9

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

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

Total area of holding	Total		Source of irrigation															
	No. of holdings	Area (ha)	No. of holdings reporting	Area (ha)	River/lake/pond				Dam/reservoir		Tube well/boring		Others		Mixed			
					By gravity		Pumping		No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
					No. of holdings	Area (ha)	No. of holdings	Area (ha)										
Holding without land	9,327	172.7	122	1.9	122	1.9												
Holding with land	71,517	64,804.5	59,055	47,135.4	20,608	10,222.9	8,919	4,430.8	13,359	6,713.8	29,405	18,515.9	2,647	1,322.9	6,720	5,929.1		
Under 0.1 ha	6,924	448.6	3,951	219.2	692	41.2	244	13.7	285	21.8	2,159	110.1	285	11.7	326	20.8		
0.1 ha and under 0.2 ha	6,801	1,017.6	4,969	641.2	1,507	186.2	652	85.0	570	57.3	1,629	203.9	244	23.7	652	85.1		
0.2 ha and under 0.5 ha	19,508	6,719.6	15,884	4,768.5	5,824	1,525.9	1,751	450.6	2,484	607.8	6,516	1,679.3	407	101.8	1,385	403.2		
0.5 ha and under 1 ha	18,450	14,339.9	16,372	10,596.5	6,109	2,419.6	2,851	1,091.5	4,195	1,465.1	8,431	4,277.8	407	161.9	2,036	1,180.6		
1 ha and under 2 ha	12,300	18,042.1	11,078	13,130.8	4,195	3,074.4	2,199	1,442.7	3,462	1,931.1	6,476	5,134.7	570	341.4	1,100	1,206.6		
2 ha and under 3 ha	4,602	11,430.3	4,073	7,994.3	1,588	1,703.9	855	671.8	1,548	1,184.8	2,444	3,110.5	407	303.7	489	1,019.4		
3 ha and under 4 ha	1,873	6,506.3	1,711	4,620.3	367	454.9	163	157.6	367	533.7	1,222	2,332.4	204	287.8	367	853.8		
4 ha and under 5 ha	570	2,511.1	529	1,667.5	204	180.5	81	131.1	244	269.4	367	824.3	122	91.0	122	171.1		
5 ha and under 10 ha	407	2,791.8	407	2,514.0	81	199.3	122	386.8	204	642.6	122	478.8			204	806.5		
10 ha and over	81	997.3	81	983.0	41	436.9					41	364.1			41	182.0		
Total	80,844	64,977.2	59,177	47,137.3	20,730	10,224.8	8,919	4,430.8	13,359	6,713.8	29,405	18,515.9	2,647	1,322.9	6,720	5,929.1		

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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	9,327	172.7	122	1.9	81	0.5			41	1.4		
Holding with land	71,517	64,804.5	59,055	47,135.4	19,305	12,694.7	9,530	3,930.1	42,112	29,038.0	2,607	1,472.5
Under 0.1 ha	6,924	448.6	3,951	219.2	1,385	60.0	204	8.0	2,362	147.5	41	3.6
0.1 ha and under 0.2 ha	6,801	1,017.6	4,969	641.2	1,344	159.1	244	21.8	3,503	455.3	41	5.0
0.2 ha and under 0.5 ha	19,508	6,719.6	15,884	4,768.5	4,806	1,342.0	2,036	462.8	10,630	2,886.4	407	77.4
0.5 ha and under 1 ha	18,450	14,339.9	16,372	10,596.5	4,765	2,401.6	3,503	1,194.7	12,055	6,806.2	774	194.0
1 ha and under 2 ha	12,300	18,042.1	11,078	13,130.8	4,317	3,678.2	2,118	990.3	8,471	8,137.0	733	325.3
2 ha and under 3 ha	4,602	11,430.3	4,073	7,994.3	1,792	2,384.5	855	495.7	2,892	4,740.3	367	373.9
3 ha and under 4 ha	1,873	6,506.3	1,711	4,620.3	489	652.1	326	486.5	1,425	3,217.5	122	264.2
4 ha and under 5 ha	570	2,511.1	529	1,667.5	204	397.1	163	165.6	489	1,057.5	81	47.2
5 ha and under 10 ha	407	2,791.8	407	2,514.0	122	819.2	81	104.7	285	1,590.2		
10 ha and over	81	997.3	81	983.0	81	801.0					41	182.0
Total	80,844	64,977.2	59,177	47,137.3	19,386	12,695.3	9,530	3,930.1	42,153	29,039.4	2,607	1,472.5

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

Total area of holding	Total		Crops under pure stand				Crops under mixed stand				Associated crops	
	No. of holdings	Area (ha)	Temporary		Permanent		Temporary		Permanent			
			No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	326	3.8	326	3.8								
Holding with land	71,517	108,486.1	70,907	104,359.4	21,423	3,066.5	2,892	951.2	285	59.4	81	49.6
Under 0.1 ha	6,924	665.0	6,720	650.4	204	11.0	81	3.6				
0.1 ha and under 0.2 ha	6,801	1,724.6	6,639	1,642.9	611	47.2	244	34.6				
0.2 ha and under 0.5 ha	19,508	12,060.1	19,305	11,725.5	2,769	207.1	489	111.0			41	16.5
0.5 ha and under 1 ha	18,450	25,209.3	18,450	24,305.4	6,761	661.4	855	238.5	41	4.1		
1 ha and under 2 ha	12,300	29,361.7	12,259	28,053.1	6,109	938.7	692	328.6	81	8.1	41	33.1
2 ha and under 3 ha	4,602	18,487.0	4,602	17,851.0	2,810	503.0	285	118.3	81	14.6		
3 ha and under 4 ha	1,873	10,088.4	1,873	9,710.5	1,263	265.3	163	80.1	81	32.5		
4 ha and under 5 ha	570	4,208.0	570	4,020.8	489	163.6	41	23.7				
5 ha and under 10 ha	407	5,003.9	407	4,725.1	367	266.1	41	12.7				
10 ha and over	81	1,678.1	81	1,674.8	41	3.3						
Total	71,843	108,489.9	71,232	104,363.2	21,423	3,066.5	2,892	951.2	285	59.4	81	49.6

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

Total area of holding	Cereal grains		Leguminous grains		Tubers and bulb crops		Oil seeds		Cash crops		Spices		Vegetables		Temporary grass crops	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	122	1.5									41	0.5	163	1.8		
Holding with land	66,304	74,657.6	42,723	15,110.3	16,332	1,795.6	19,468	3,379.5	10,996	7,150.4	10,671	1,117.4	14,214	2,061.1	367	54.1
Under 0.1 ha	4,684	407.5	1,873	105.2	1,548	40.9	326	8.3	81	2.3	1,059	20.4	1,873	69.4		
0.1 ha and Under 0.2 ha	6,272	1,235.4	2,729	278.0	692	35.5	977	60.2	41	3.6	407	17.3	611	46.4	41	1.1
0.2 ha and under 0.5 ha	18,450	8,851.2	10,345	1,680.1	2,892	206.0	4,113	405.1	1,100	298.6	2,159	152.4	2,688	253.0	41	0.2
0.5 ha and under 1 ha	17,879	17,779.5	12,422	3,418.8	4,399	437.4	5,743	707.4	3,095	1,207.1	3,095	379.8	4,073	608.4	41	5.5
1 ha and under 2 ha	11,730	19,470.8	9,367	3,979.2	3,706	496.1	4,928	1,052.7	4,113	2,664.2	1,914	230.0	2,810	477.7	122	16.4
2 ha and under 3 ha	4,439	12,540.9	3,503	2,664.0	1,629	245.8	1,955	503.4	1,629	1,540.1	1,140	163.7	1,425	302.5	41	9.1
3 ha and under 4 ha	1,833	6,999.5	1,548	1,275.6	937	149.3	977	326.8	692	804.6	489	80.1	367	140.2	41	14.6
4 ha and under 5 ha	529	2,809.0	489	548.9	326	50.1	285	123.6	163	365.9	285	66.0	163	73.7	41	7.3
5 ha and under 10 ha	407	3,508.0	367	869.3	122	61.9	122	119.2	41	81.9	122	7.7	204	89.7		
10 ha and over	81	1,055.9	81	291.3	81	72.8	41	72.8	41	182.0						
Total	66,426	74,659.2	42,723	15,110.3	16,332	1,795.6	19,468	3,379.5	10,996	7,150.4	10,711	1,117.8	14,377	2,062.9	367	54.1

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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			122	1.0			81	0.5										
Holding with land	1,385	655.3	63,616	45,679.1	774	339.6	50,421	24,697.4	7,209	2,744.6	1,955	351.3	285	18.2	1,018	150.2	81	21.8
Under 0.1 ha	41	2.7	4,521	285.0			1,833	109.5	204	7.6	41	1.8			41	0.9		
0.1 ha and Under 0.2 ha	163	25.9	5,702	735.7	41	3.6	3,299	363.5	611	82.8	81	5.5			163	18.2		
0.2 ha and under 0.5 ha	326	75.4	17,391	5,026.2	204	39.6	13,155	2,828.0	2,688	778.2	570	78.3			163	18.2	41	7.3
0.5 ha and under 1 ha	326	86.5	17,309	10,442.7	122	39.7	15,028	5,985.9	2,281	1,011.7	733	129.3	81	3.6	407	65.5	41	14.6
1 ha and under 2 ha	285	41.9	11,444	12,067.5	244	105.6	10,223	6,296.9	1,263	780.5	489	118.3	163	12.7	244	47.3		
2 ha and under 3 ha	204	58.8	4,439	8,308.4	81	23.7	4,154	4,086.3	81	63.7								
3 ha and under 4 ha			1,833	4,423.3	41	18.2	1,751	2,536.2	81	20.0			41	1.8				
4 ha and under 5 ha			529	1,847.0			489	962.0										
5 ha and under 10 ha	41	364.1	367	1,924.2			407	1,201.5			41	18.2						
10 ha and over			81	619.0	41	109.2	81	327.7										
Total	1,385	655.3	63,738	45,680.1	774	339.6	50,502	24,698.0	7,209	2,744.6	1,955	351.3	285	18.2	1,018	150.2	81	21.8

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

Total area of holding	Soyabean		Black gram		Red gram		Grass pea		Lentil		Gram pea		Pea		Green gram		Horse gram		Cow pea		Other leguminous crops	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holding	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holding	Area (ha)	No. of holding	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land																						
Holding with land	41	3.6	204	56.4	10,467	541.6	14,173	2,748.7	34,659	9,154.1	855	139.3	9,612	842.4	6,883	786.0	244	21.8	122	4.6	4,113	811.8
Under 0.1 ha					204	3.7	244	14.7	1,263	74.5			163	4.1	204	5.9					122	2.2
0.1 ha and Under 0.2 ha					326	4.9	815	67.8	1,629	152.5	41	5.5	326	6.8	448	20.5					244	20.0
0.2 ha and under 0.5 ha	41	3.6			2,118	51.9	2,118	257.2	7,168	1,074.2	81	7.7	1,711	91.0	1,792	151.1	81	7.3			407	36.0
0.5 ha and under 1 ha			41	7.3	3,991	210.6	4,032	577.5	10,386	2,064.7	204	23.7	2,810	179.3	2,159	203.3	81	7.3	41	0.9	1,140	144.3
1 ha and under 2 ha			81	14.6	2,240	140.8	3,828	789.2	8,553	2,454.7	285	40.5	2,444	211.6	1,100	111.2	81	7.3	41	1.8	1,059	207.5
2 ha and under 3 ha			41	12.7	937	41.4	1,955	597.6	3,258	1,580.9	81	20.0	1,222	169.8	529	78.3			41	1.8	611	161.6
3 ha and under 4 ha			41	21.8	489	66.8	652	224.8	1,466	688.1	81	7.3	529	92.8	407	93.8					244	80.1
4 ha and under 5 ha					122	16.8	326	105.1	489	272.6	41	9.1	285	59.6	122	25.5					163	60.1
5 ha and under 10 ha					41	4.6	204	114.7	367	573.4	41	25.5	122	27.3	81	23.7					122	100.1
10 ha and over									81	218.5					41	72.8						
Total	41	3.6	204	56.4	10,467	541.6	14,173	2,748.7	34,659	9,154.1	855	139.3	9,612	842.4	6,883	786.0	244	21.8	122	4.6	4,113	811.8

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

Total area of holding	Potato		Sweet potato		Colocasia		Other tubers and bulbs	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land								
Holding with land	16,169	1,757.4	81	9.1	41	9.1	163	20.0
Under 0.1 ha	1,548	40.9						
0.1 ha and Under 0.2 ha	692	35.5						
0.2 ha and under 0.5 ha	2,851	200.5	41	5.5				
0.5 ha and under 1 ha	4,317	421.0	41	3.6			81	12.7
1 ha and under 2 ha	3,665	483.3			41	9.1	41	3.6
2 ha and under 3 ha	1,629	242.1					41	3.6
3 ha and under 4 ha	937	149.3						
4 ha and under 5 ha	326	50.1						
5 ha and under 10 ha	122	61.9						
10 ha and over	81	72.8						
Total	16,169	1,757.4	81	9.1	41	9.1	163	20.0

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

Total area of holding	Mustard		Ground nut		Linseed		Sesame		Niger seed		Other oilseed crops	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land												
Holding with land	16,087	2,183.8	326	56.4	6,272	894.2	1,833	211.2	41	5.5	529	28.4
Under 0.1 ha	204	5.0	41	0.9	122	1.9					41	0.5
0.1 ha and Under 0.2 ha	855	55.4			41	2.7	41	1.8			41	0.2
0.2 ha and under 0.5 ha	3,625	340.4	81	4.6	489	31.9	244	27.3			41	0.9
0.5 ha and under 1 ha	4,847	479.5	41	1.8	1,833	182.9	570	30.0	41	5.5	204	7.7
1 ha and under 2 ha	3,788	626.9	163	49.2	2,036	288.4	489	83.7			81	4.6
2 ha and under 3 ha	1,548	289.0			977	192.5	163	10.9			81	10.9
3 ha and under 4 ha	815	187.5			489	97.4	204	38.2			41	3.6
4 ha and under 5 ha	285	103.6			122	14.6	41	5.5				
5 ha and under 10 ha	81	60.1			122	45.5	81	13.7				
10 ha and over	41	36.4			41	36.4						
Total	16,087	2,183.8	326	56.4	6,272	894.2	1,833	211.2	41	5.5	529	28.4

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

Total area of holding	Sugarcane		Jute		Tobacco		Other cash crops	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land								
Holding with land	10,589	7,104.0	41	0.5	326	36.9	81	9.1
Under 0.1 ha	41	1.8	41	0.5				
0.1 ha and Under 0.2 ha	41	3.6						
0.2 ha and under 0.5 ha	1,100	298.6						
0.5 ha and under 1 ha	2,973	1,194.8			122	12.3		
1 ha and under 2 ha	4,032	2,654.2			81	10.0		
2 ha and under 3 ha	1,548	1,534.6			41	1.8	41	3.6
3 ha and under 4 ha	611	786.4			81	12.7	41	5.5
4 ha and under 5 ha	163	365.9						
5 ha and under 10 ha	41	81.9						
10 ha and over	41	182.0						
Total	10,589	7,104.0	41	0.5	326	36.9	81	9.1

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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			41	0.5										
Holding with land	2,036	184.4	7,087	388.2	2,362	106.2	611	79.2	2,159	226.2	1,873	131.3	41	1.8
Under 0.1 ha	204	1.9	896	15.7	244	2.0					122	0.7		
0.1 ha and Under 0.2 ha	81	2.3	285	10.0	81	2.3			81	2.7				
0.2 ha and under 0.5 ha	326	20.2	1,303	53.5	448	16.6	122	4.1	733	47.3	448	10.6		
0.5 ha and under 1 ha	448	50.1	1,873	108.5	611	31.0	285	25.5	855	130.6	570	34.1		
1 ha and under 2 ha	285	24.6	1,222	74.8	285	28.2	204	49.6	326	30.0	285	20.9	41	1.8
2 ha and under 3 ha	407	63.5	896	71.0	204	8.2			41	0.9	81	20.0		
3 ha and under 4 ha	163	10.9	326	27.3	244	9.1			81	12.7	163	20.0		
4 ha and under 5 ha	122	10.9	204	21.8	163	6.8			41	1.8	163	24.6		
5 ha and under 10 ha			81	5.5	81	2.0					41	0.3		
10 ha and over														
Total	2,036	184.4	7,127	388.7	2,362	106.2	611	79.2	2,159	226.2	1,873	131.3	41	1.8

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

Total area of holding	Cauliflower		Cabbage		Tomato		Others	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	122	0.5			41	0.2	122	1.1
Holding with land	8,349	705.3	2,077	178.1	1,873	121.7	10,060	1,055.9
Under 0.1 ha	1,018	18.8	41	0.1	81	3.5	1,629	47.1
0.1 ha and Under 0.2 ha	448	23.9	41	5.5			407	17.0
0.2 ha and under 0.5 ha	1,222	75.7	204	7.7	326	22.2	1,873	147.4
0.5 ha and under 1 ha	2,118	209.4	489	30.0	570	37.8	2,810	331.2
1 ha and under 2 ha	1,873	172.7	692	43.3	407	20.9	1,955	240.8
2 ha and under 3 ha	1,059	130.0	285	29.6	244	13.7	774	129.3
3 ha and under 4 ha	285	24.9	122	29.1	122	9.1	285	77.0
4 ha and under 5 ha	163	30.0	122	14.6	81	10.9	122	18.2
5 ha and under 10 ha	163	19.8	81	18.2	41	3.6	204	48.1
10 ha and over								
Total	8,471	705.9	2,077	178.1	1,914	121.9	10,182	1,057.0

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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	9,327	172.7	244								774	326
Holding with land	71,517	64,804.5	28,102	3,160.1	21,423	2,432.3	421,733	7,209	727.8	300,650	84,632	115,747
under 0.1 ha	6,924	448.6	815	11.0	122	4.9	815	122	6.1	1,466	1,100	774
0.1 ha and under 0.2 ha	6,801	1,017.6	1,059	47.2	529	33.0	6,068	204	14.2	2,729	1,914	611
0.2 ha and under 0.5 ha	19,508	6,719.6	4,724	213.6	2,525	176.3	31,360	733	37.3	16,454	11,607	10,630
0.5 ha and under 1 ha	18,450	14,339.9	8,675	665.4	6,761	571.2	114,485	1,670	94.2	42,275	25,373	31,645
1 ha and under 2 ha	12,300	18,042.1	7,290	974.5	5,987	747.9	112,815	2,281	226.6	74,776	12,911	37,551
2 ha and under 3 ha	4,602	11,430.3	3,136	517.7	3,258	426.1	75,997	977	91.5	21,423	11,892	13,399
3 ha and under 4 ha	1,873	6,506.3	1,507	297.8	1,425	227.8	46,470	692	70.0	61,458	13,155	12,381
4 ha and under 5 ha	570	2,511.1	489	163.6	448	131.0	18,694	244	32.5	62,069	3,951	2,566
5 ha and under 10 ha	407	2,791.8	367	266.1	326	110.7	14,173	285	155.4	18,002	2,729	6,191
10 ha and over	81	997.3	41	3.3	41	3.3	855					
Total	80,844	64,977.2	28,346	3,160.1	21,423	2,432.3	421,733	7,209	727.8	300,650	85,405	116,073

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

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

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

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

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Table 7c. Plantation features and ages of lemon by total area of holding

Total area of holding	Lemon									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	855							977	41	
under 0.1 ha	41							41		
0.1 ha and under 0.2 ha	81							81		
0.2 ha and under 0.5 ha	244							244	41	
0.5 ha and under 1 ha	204							285		
1 ha and under 2 ha	122							122		
2 ha and under 3 ha	81							81		
3 ha and under 4 ha	41							41		
4 ha and under 5 ha	41							81		
5 ha and under 10 ha										
10 ha and over										
Total	855							977	41	

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

Total area of holding	Lime									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	81	1.6	41	1.6	285			41		
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	41							41		
1 ha and under 2 ha	41	1.6	41	1.6	285					
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	81	1.6	41	1.6	285			41		

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

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

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

Total area of holding	Other citrus fruits									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	122							81	41	
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	81							81		
0.5 ha and under 1 ha										
1 ha and under 2 ha	41								41	
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	122							81	41	

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

Total area of holding	Mango									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land	163								163	122
Holding with land	25,292	2,927.1	19,142	2,306.7	374,204	5,132	620.4	123,526	58,729	52,253
under 0.1 ha	529	7.7	122	4.9	815	41	2.8	489	448	163
0.1 ha and under 0.2 ha	652	45.6	489	32.2	5,987	163	13.3	2,525	692	448
0.2 ha and under 0.5 ha	3,788	199.4	2,281	165.4	26,758	570	33.9	5,946	4,887	4,684
0.5 ha and under 1 ha	7,983	601.1	5,946	524.3	92,859	1,140	76.7	17,228	15,965	7,942
1 ha and under 2 ha	6,883	903.1	5,376	711.5	102,959	1,629	191.6	45,900	10,263	15,110
2 ha and under 3 ha	3,095	481.9	2,851	402.1	67,526	733	79.7	18,409	10,345	11,730
3 ha and under 4 ha	1,466	263.6	1,303	222.9	44,800	407	40.7	11,363	10,589	4,276
4 ha and under 5 ha	489	158.7	448	131.0	18,694	204	27.7	4,399	2,810	1,873
5 ha and under 10 ha	367	262.8	285	109.0	12,951	244	153.8	17,268	2,729	6,028
10 ha and over	41	3.3	41	3.3	855					
Total	25,455	2,927.1	19,142	2,306.7	374,204	5,132	620.4	123,526	58,892	52,376

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

Total area of holding	Banana									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land	41									163
Holding with land	2,484	58.0	977	51.4	25,943	285	6.6	2,932	8,064	7,616
under 0.1 ha	81								81	163
0.1 ha and under 0.2 ha	41								407	
0.2 ha and under 0.5 ha	611	5.9	122	4.2	1,466	81	1.7	815	2,484	2,525
0.5 ha and under 1 ha	1,018	27.7	448	26.4	14,703	81	1.2	1,059	3,217	2,566
1 ha and under 2 ha	367	11.4	204	11.4	2,444				570	448
2 ha and under 3 ha	163	6.5	122	6.1	4,887	41	0.4	244	204	407
3 ha and under 4 ha	81	3.3	41	1.6	1,222	41	1.6	81	407	815
4 ha and under 5 ha	81								692	692
5 ha and under 10 ha	41	3.3	41	1.6	1,222	41	1.6	733		
10 ha and over										
Total	2,525	58.0	977	51.4	25,943	285	6.6	2,932	8,064	7,779

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

Total area of holding	Guava									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land	81								41	41
Holding with land	2,403	6.5	122	6.5	1,303				2,647	326
under 0.1 ha	204								163	41
0.1 ha and under 0.2 ha	122								122	
0.2 ha and under 0.5 ha	815	3.3	41	3.3	733				977	244
0.5 ha and under 1 ha	489								570	41
1 ha and under 2 ha	326	1.6	41	1.6	81				326	
2 ha and under 3 ha	285	1.6	41	1.6	489				285	
3 ha and under 4 ha	81								81	
4 ha and under 5 ha	81								122	
5 ha and under 10 ha										
10 ha and over										
Total	2,484	6.5	122	6.5	1,303				2,688	367

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

Total area of holding	Jackfruit									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	1,873	17.3	285	10.8	2,159	122	6.5	1,751	3,625	3,055
under 0.1 ha	81								41	81
0.1 ha and under 0.2 ha	41	0.8				41	0.8	204		
0.2 ha and under 0.5 ha	611	0.2	41	0.2	244				1,792	1,670
0.5 ha and under 1 ha	448	1.7	81	1.7	244				1,100	163
1 ha and under 2 ha	448	9.8	122	7.3	1,466	41	2.4	977	489	244
2 ha and under 3 ha	163	4.9	41	1.6	204	41	3.3	570	81	815
3 ha and under 4 ha	81								122	81
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	1,873	17.3	285	10.8	2,159	122	6.5	1,751	3,625	3,055

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

Total area of holding	Pineapple					
	Total holdings reporting	Compact plantation area (ha)	Compact plantation			
			Productive age		Non-productive age	
			No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land						
Holding with land	41	0.8	41	0.8		
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	41	0.8	41	0.8		
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	41	0.8	41	0.8		

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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	937	12.2	204	9.0	1,385	41	3.3	692	1,670	611
under 0.1 ha	81									122
0.1 ha and under 0.2 ha	81	0.8	41	0.8	81					41
0.2 ha and under 0.5 ha	163								81	163
0.5 ha and under 1 ha	367	4.9	81	4.9	896				163	244
1 ha and under 2 ha	81	3.3				41	3.3	692	41	41
2 ha and under 3 ha	41	1.6	41	1.6	204					
3 ha and under 4 ha	122	1.6	41	1.6	204				1,385	
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	937	12.2	204	9.0	1,385	41	3.3	692	1,670	611

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

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

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

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

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

Total area of holding	Peach									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	41							41		
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	41							41		
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	41							41		

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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	81								163	
Holding with land	2,281	22.8	204	22.8	9,856				3,625	692
under 0.1 ha	204								285	122
0.1 ha and under 0.2 ha	367								611	
0.2 ha and under 0.5 ha	611	3.3	41	3.3	2,159				774	163
0.5 ha and under 1 ha	448	9.8	81	9.8	4,806				815	204
1 ha and under 2 ha	285	4.9	41	4.9	1,914				489	204
2 ha and under 3 ha	204	4.9	41	4.9	977				285	
3 ha and under 4 ha	81								122	
4 ha and under 5 ha	81								244	
5 ha and under 10 ha										
10 ha and over										
Total	2,362	22.8	204	22.8	9,856				3,788	692

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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	529							285	285	
under 0.1 ha	81							41	41	
0.1 ha and under 0.2 ha	41								41	
0.2 ha and under 0.5 ha	81								81	
0.5 ha and under 1 ha	163							163		
1 ha and under 2 ha	122								122	
2 ha and under 3 ha										
3 ha and under 4 ha	41							81		
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	529							285	285	

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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	407							489	244	
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	204							204	122	
0.5 ha and under 1 ha	122							122	81	
1 ha and under 2 ha	41								41	
2 ha and under 3 ha										
3 ha and under 4 ha	41							163		
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	407							489	244	

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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	81							204		
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	41							163		
1 ha and under 2 ha										
2 ha and under 3 ha										
3 ha and under 4 ha	41							41		
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	81							204		

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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	367	1.6	41	1.6	611			244	529	
under 0.1 ha										
0.1 ha and under 0.2 ha	41								81	
0.2 ha and under 0.5 ha	81							81		
0.5 ha and under 1 ha										
1 ha and under 2 ha	122							41	122	
2 ha and under 3 ha	81	1.6	41	1.6	611				204	
3 ha and under 4 ha	41							122	122	
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	367	1.6	41	1.6	611			244	529	

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

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

Note: Registered firms are not included.

Area is not shown for those holdings reporting scattered plants only.

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

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

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

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

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

Total area of holding	Broom-Grass (Amriso)		Thatch		Bamboo	
	Number of holdings	Area (ha)	Number of holdings	Area (ha)	Number of holdings	Area (ha)
Holding without land						
Holding with land	163	4.9			1,466	86.3
Under 0.1 ha					81	3.3
0.1 ha and under 0.2 ha						
0.2 ha and under 0.5 ha					81	1.6
0.5 ha and under 1 ha	41	0.8			407	15.5
1 ha and under 2 ha	122	4.1			448	25.2
2 ha and under 3 ha					163	8.1
3 ha and under 4 ha					244	27.7
4 ha and under 5 ha					41	4.9
5 ha and under 10 ha						
10 ha and over						
Total	163	4.9			1,466	86.3

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	41			407		
Holding with land	611	14.5	4,887	3,665	81	6.5
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	326	3.3	977	2,729		
1 ha and under 2 ha	204	9.6	3,665	326		
2 ha and under 3 ha	41			611	81	6.5
3 ha and under 4 ha	41	1.6	244			
4 ha and under 5 ha						
5 ha and under 10 ha						
10 ha and over						
Total	652	14.5	4,887	4,073	81	6.5

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

Total area of holding	Total		Paddy													
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with mineral/ chemical fertilizers and quantity used		
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using			Area (ha)	Quantity (Qtl.)	
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both			
Holding without land	9,327	172.7	122	122			81		81			41			0.4	2
Holding with land	71,517	64,804.5	64,268	59,869	4,154	244	43,334	6,313	26,473	22,563	7,616	5,987	5,172	30,127.9	36,142	
under 0.1 ha	6,924	448.6	4,521	3,788	692	41	1,751	774	937	1,222	1,385	367	204	210.0	332	
0.1 ha and under 0.2 ha	6,801	1,017.6	5,905	5,254	570	81	2,973	1,059	1,792	1,588	937	489	407	405.3	537	
0.2 ha and under 0.5 ha	19,508	6,719.6	17,676	16,698	937	41	11,444	2,240	6,394	6,435	2,118	774	1,711	3,462.6	5,516	
0.5 ha and under 1 ha	18,450	14,339.9	17,350	16,454	896		12,748	1,140	8,390	6,109	1,303	1,588	1,670	7,367.4	9,123	
1 ha and under 2 ha	12,300	18,042.1	11,526	10,915	529	81	8,797	774	5,661	4,236	1,100	1,588	652	7,799.7	8,199	
2 ha and under 3 ha	4,602	11,430.3	4,439	4,195	244		3,380	204	2,281	1,466	529	733	285	5,309.6	5,628	
3 ha and under 4 ha	1,873	6,506.3	1,833	1,711	122		1,548		692	977	81	367	163	2,875.4	3,343	
4 ha and under 5 ha	570	2,511.1	529	489	41		285	122	163	204	163	81	81	902.3	942	
5 ha and under 10 ha	407	2,791.8	407	285	122		326		163	244				1,326.7	1,831	
10 ha and over	81	997.3	81	81			81			81				468.9	692	
Total	80,844	64,977.2	64,390	59,992	4,154	244	43,415	6,313	26,554	22,563	7,657	5,987	5,172	30,128.3	36,144	

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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	9,327	172.7													
Holding with land	71,517	64,804.5	7,209	7,005	122	81	2,769	1,670	326	2,077	2,281	122	2,118	1,102.3	1,307
under 0.1 ha	6,924	448.6	204	204			81	41		41	41	41	41	4.5	6
0.1 ha and under 0.2 ha	6,801	1,017.6	611	570	41		244	81	81	204	204		163	41.4	58
0.2 ha and under 0.5 ha	19,508	6,719.6	2,688	2,688			937	570	81	692	977		896	321.3	403
0.5 ha and under 1 ha	18,450	14,339.9	2,281	2,159	81	41	652	652	81	611	692	41	611	382.7	422
1 ha and under 2 ha	12,300	18,042.1	1,263	1,222		41	733	285	81	407	367	41	326	293.1	389
2 ha and under 3 ha	4,602	11,430.3	81	81			81			81			81	48.3	20
3 ha and under 4 ha	1,873	6,506.3	81	81			41	41		41				11.0	10
4 ha and under 5 ha	570	2,511.1													
5 ha and under 10 ha	407	2,791.8													
10 ha and over	81	997.3													
Total	80,844	64,977.2	7,209	7,005	122	81	2,769	1,670	326	2,077	2,281	122	2,118	1,102.3	1,307

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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	9,327	172.7	81	81			81		81					0.4	2
Holding with land	71,517	64,804.5	50,421	35,066	15,354		32,623	6,394	22,278	16,780	5,050	3,503	2,688	17,200.7	21,141
under 0.1 ha	6,924	448.6	1,833	1,466	367		529	611	285	367	570	81	81	65.3	64
0.1 ha and under 0.2 ha	6,801	1,017.6	3,299	2,525	774		1,548	937	1,018	611	448	244	244	184.6	270
0.2 ha and under 0.5 ha	19,508	6,719.6	13,155	10,345	2,810		7,494	2,036	5,335	4,602	1,629	733	611	1,919.8	3,651
0.5 ha and under 1 ha	18,450	14,339.9	15,028	9,652	5,376		10,426	1,222	7,494	4,928	977	937	896	4,317.5	5,687
1 ha and under 2 ha	12,300	18,042.1	10,223	6,679	3,543		7,820	1,100	5,172	3,380	855	855	489	5,062.6	4,781
2 ha and under 3 ha	4,602	11,430.3	4,154	2,851	1,303		2,851	285	1,996	1,507	448	285	244	2,498.7	3,060
3 ha and under 4 ha	1,873	6,506.3	1,751	977	774		1,385	81	692	855		285	81	1,637.7	1,720
4 ha and under 5 ha	570	2,511.1	489	326	163		244	81	122	244	122	81	41	445.6	398
5 ha and under 10 ha	407	2,791.8	407	204	204		285	41	163	204				848.2	1,104
10 ha and over	81	997.3	81	41	41		41			81				220.7	407
Total	80,844	64,977.2	50,502	35,148	15,354		32,704	6,394	22,359	16,780	5,050	3,503	2,688	17,201.1	21,143

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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	9,327	172.7													
Holding with land	71,517	64,804.5	16,169	13,318	1,873	977	8,593	4,969	3,625	5,865	3,217	652	1,059	962.1	2,168
under 0.1 ha	6,924	448.6	1,548	1,425	122		407	570	81	244	570	122	81	10.6	31
0.1 ha and under 0.2 ha	6,801	1,017.6	692	611	81		448	122	163	367	81			52.5	54
0.2 ha and under 0.5 ha	19,508	6,719.6	2,851	2,281	407	163	1,181	1,222	326	1,018	815	41	204	71.8	277
0.5 ha and under 1 ha	18,450	14,339.9	4,317	3,421	448	448	2,566	1,140	1,100	1,751	570	204	407	278.8	579
1 ha and under 2 ha	12,300	18,042.1	3,665	3,340	204	122	1,873	1,263	1,018	1,263	855	122	122	235.5	347
2 ha and under 3 ha	4,602	11,430.3	1,629	1,222	367	41	1,140	326	652	489	244	41	81	139.3	569
3 ha and under 4 ha	1,873	6,506.3	937	733	81	122	733	163	204	489	41	81	122	121.4	187
4 ha and under 5 ha	570	2,511.1	326	204	122		163	81	81	122	41	41	41	22.8	54
5 ha and under 10 ha	407	2,791.8	122	81		41	41	81		41				1.4	16
10 ha and over	81	997.3	81		41	41	41			81				28.3	53
Total	80,844	64,977.2	16,169	13,318	1,873	977	8,593	4,969	3,625	5,865	3,217	652	1,059	962.1	2,168

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

Total area of holding	Total		Sugarcane												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with chemical/mineral fertilizer and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using			Area (ha)	Quantity (Qtl.)
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both		
Holding without land	9,327	172.7													
Holding with land	71,517	64,804.5	10,589	9,123	1,466	7,575	1,344	4,765	3,299	1,181	1,344	855	4,707.0	7,674	
under 0.1 ha	6,924	448.6	41		41	41						41	1.4	2	
0.1 ha and under 0.2 ha	6,801	1,017.6	41	41		41			41				2.8	4	
0.2 ha and under 0.5 ha	19,508	6,719.6	1,100	1,018	81	774	81	489	204	81	163	122	212.4	784	
0.5 ha and under 1 ha	18,450	14,339.9	2,973	2,484	489	2,118	326	1,507	977	163	367	163	834.9	1,865	
1 ha and under 2 ha	12,300	18,042.1	4,032	3,543	489	2,851	611	1,629	1,303	652	570	285	1,657.7	2,332	
2 ha and under 3 ha	4,602	11,430.3	1,548	1,263	285	1,018	285	815	285	285	122	204	976.4	1,277	
3 ha and under 4 ha	1,873	6,506.3	611	529	81	529	41	122	448		41	41	518.1	746	
4 ha and under 5 ha	570	2,511.1	163	163		122		163			81		303.4	338	
5 ha and under 10 ha	407	2,791.8	41	41		41		41					62.1	122	
10 ha and over	81	997.3	41	41		41			41				137.9	204	
Total	80,844	64,977.2	10,589	9,123	1,466	7,575	1,344	4,765	3,299	1,181	1,344	855	4,707.0	7,674	

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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	9,327	172.7	163	163			122				122		41	0.1	2
Holding with land	71,517	64,804.5	14,132	11,730	1,711	692	6,068	5,661	4,073	2,484	3,991	692	448	569.2	1,280
under 0.1 ha	6,924	448.6	1,873	1,548	285	41	733	407	611	285	570	41	41	38.4	135
0.1 ha and under 0.2 ha	6,801	1,017.6	611	529	81		407	163	204	244	41		81	25.5	87
0.2 ha and under 0.5 ha	19,508	6,719.6	2,688	2,118	529	41	774	1,100	692	367	937	163	122	89.9	306
0.5 ha and under 1 ha	18,450	14,339.9	4,032	3,217	448	367	1,833	1,996	896	733	1,303	81	163	148.2	282
1 ha and under 2 ha	12,300	18,042.1	2,769	2,525	163	81	1,222	1,100	815	529	652	244	41	132.7	260
2 ha and under 3 ha	4,602	11,430.3	1,425	1,263	122	41	733	652	529	163	367	41		75.2	106
3 ha and under 4 ha	1,873	6,506.3	367	326		41	163	163	81	122	122			15.8	20
4 ha and under 5 ha	570	2,511.1	163	122		41	81	41	122			41		15.9	42
5 ha and under 10 ha	407	2,791.8	204	81	81	41	122	41	122	41		81		27.6	42
10 ha and over	81	997.3													
Total	80,844	64,977.2	14,295	11,892	1,711	692	6,191	5,661	4,073	2,484	4,113	692	489	569.3	1,282

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Table 8. Number, area of holdings, number of holdings reporting, use of agricultural inputs, area treated with and quantity of chemical/mineral fertilizers used by total area of holding (Continued 6)

Total area of holding	Total		Other crops												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with mineral/ chemical fertilizer and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using			Area (ha)	Quantity (Qtl.)
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical fertilizers	Both	Local fertilizers	Mineral/chemical fertilizers	Both		
Holding without land	9,327	172.7	41	41								41		0.3	4
Holding with land	71,517	64,804.5	49,850	48,588	937	326	5,254	37,714	815	3,951	23,092	244	367	1,357.6	2,342
under 0.1 ha	6,924	448.6	3,055	3,055			244	1,711	41	244	1,548	41		10.9	20
0.1 ha and under 0.2 ha	6,801	1,017.6	3,625	3,503	122		407	2,403	122	244	2,036			25.5	35
0.2 ha and under 0.5 ha	19,508	6,719.6	12,544	12,340	163	41	1,100	9,327	81	896	5,987	81	81	146.3	138
0.5 ha and under 1 ha	18,450	14,339.9	14,051	13,725	204	122	1,222	10,874	367	937	6,068	81	163	241.3	874
1 ha and under 2 ha	12,300	18,042.1	10,060	9,775	244	41	1,181	8,145	163	855	4,643	41	122	257.2	257
2 ha and under 3 ha	4,602	11,430.3	3,828	3,706	81	41	448	3,177		285	1,792			135.2	346
3 ha and under 4 ha	1,873	6,506.3	1,670	1,588	41	41	448	1,263	41	326	570			170.3	163
4 ha and under 5 ha	570	2,511.1	529	489		41	81	489			285				
5 ha and under 10 ha	407	2,791.8	407	326	81		81	285		122	122			205.5	216
10 ha and over	81	997.3	81	81			41	41		41	41			165.5	293
Total	80,844	64,977.2	49,891	48,629	937	326	5,254	37,714	815	3,951	23,092	285	367	1,358.0	2,345

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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	9,439	36,916	6,095	10,149			3,683	5,251	5,732	20,019		
Holding with land	58,790	240,115	38,016	72,760			25,551	40,603	40,276	124,131	575	1,747
Under 0.1 ha	5,051	15,346	2,600	3,969			864	1,122	3,689	10,254		
0.1 ha and under 0.2 ha	5,424	19,235	2,387	3,847			1,546	2,164	4,337	12,749	192	349
0.2 ha and under 0.5 ha	16,146	63,208	8,012	14,609			6,183	9,780	12,312	37,272	192	1,048
0.5 ha and under 1 ha	15,567	68,307	11,081	20,789			6,547	10,461	10,916	36,458	192	349
1 ha and under 2 ha	10,143	44,540	8,268	17,147			5,774	9,219	6,031	18,175		
2 ha and under 3 ha	3,933	16,633	3,367	7,284			2,682	4,249	1,794	5,100		
3 ha and under 4 ha	1,739	9,223	1,620	3,806			1,273	2,325	847	3,092		
4 ha and under 5 ha	414	1,691	384	696			364	561	150	434		
5 ha and under 10 ha	290	1,568	256	450			227	521	199	597		
10 ha and over	83	364	43	164			91	200				
Total	68,229	277,031	44,111	82,909			29,234	45,854	46,008	144,150	575	1,747

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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	363	1,497								
Holding with land	604	874								
Under 0.1 ha										
0.1 ha and under 0.2 ha	121	125								
0.2 ha and under 0.5 ha	363	499								
0.5 ha and under 1 ha	121	250								
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	967	2,371								

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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	6,095	10,149	10,067	82	2,128	2,087	41	1,432	1,432		696	655	41
Holding with land	38,016	72,760	72,597	164	8,185	8,103	82	4,542	4,501	41	3,642	3,601	41
under 0.1 ha	2,600	3,969	3,969		737	737		450	450		286	286	
0.1 ha and under 0.2 ha	2,387	3,847	3,847		1,064	1,064		696	696		368	368	
0.2 ha and under 0.5 ha	8,012	14,609	14,609		2,087	2,087		1,228	1,228		859	859	
0.5 ha and under 1 ha	11,081	20,789	20,789		2,374	2,374		1,350	1,350		1,023	1,023	
1 ha and under 2 ha	8,268	17,147	17,065	82	1,228	1,187	41	409	368	41	818	818	
2 ha and under 3 ha	3,367	7,284	7,284		368	368		164	164		205	205	
3 ha and under 4 ha	1,620	3,806	3,806		286	286		246	246		41	41	
4 ha and under 5 ha	384	696	614	82	41		41				41		41
5 ha and under 10 ha	256	450	450										
10 ha and over	43	164	164										
Total	44,111	82,909	82,663	246	10,312	10,190	123	5,975	5,934	41	4,338	4,256	82

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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	2,374	2,374		655	655		1,719	1,719	
Holding with land	8,880	8,880		3,847	3,847		5,033	5,033	
under 0.1 ha	1,269	1,269		573	573		696	696	
0.1 ha and under 0.2 ha	737	737		368	368		368	368	
0.2 ha and under 0.5 ha	2,455	2,455		1,064	1,064		1,391	1,391	
0.5 ha and under 1 ha	1,760	1,760		696	696		1,064	1,064	
1 ha and under 2 ha	1,637	1,637		859	859		778	778	
2 ha and under 3 ha	696	696		164	164		532	532	
3 ha and under 4 ha	286	286		123	123		164	164	
4 ha and under 5 ha									
5 ha and under 10 ha	41	41					41	41	
10 ha and over									
Total	11,254	11,254		4,501	4,501		6,752	6,752	

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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	5,647	5,606	41	1,269	1,269		2,578	2,537	41	1,801	1,801	
Holding with land	55,696	55,614	82	41,823	41,823		7,448	7,366	82	6,425	6,425	
Under 0.1 ha	1,964	1,964		614	614		737	737		614	614	
0.1 ha and Under 0.2 ha	2,046	2,046		655	655		778	778		614	614	
0.2 ha and Under 0.5 ha	10,067	10,067		6,057	6,057		2,046	2,046		1,964	1,964	
0.5 ha and Under 1 ha	16,655	16,655		13,013	13,013		2,087	2,087		1,555	1,555	
1 ha and Under 2 ha	14,282	14,241	41	12,154	12,154		1,023	982	41	1,105	1,105	
2 ha and Under 3 ha	6,220	6,220		5,484	5,484		409	409		327	327	
3 ha and Under 4 ha	3,233	3,233		2,742	2,742		327	327		164	164	
4 ha and Under 5 ha	655	614	41	614	614		41		41			
5 ha and Under 10 ha	409	409		327	327					82	82	
10 ha and over	164	164		164	164							
Total	61,343	61,220	123	43,091	43,091		10,026	9,903	123	8,225	8,225	

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

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

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

Total area of holding	Buffalo												
	All ages			Under one year									
	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	3,683	5,251	5,251		681	681		401	401		281	281	
Holding with land	25,551	40,603	40,603		10,782	10,782		4,289	4,289		6,493	6,493	
under 0.1 ha	864	1,122	1,122		281	281		40	40		240	240	
0.1 ha and under 0.2 ha	1,546	2,164	2,164		441	441		160	160		281	281	
0.2 ha and under 0.5 ha	6,183	9,780	9,780		2,405	2,405		962	962		1,443	1,443	
0.5 ha and under 1 ha	6,547	10,461	10,461		3,006	3,006		1,283	1,283		1,724	1,724	
1 ha and under 2 ha	5,774	9,219	9,219		2,645	2,645		1,002	1,002		1,643	1,643	
2 ha and under 3 ha	2,682	4,249	4,249		1,243	1,243		521	521		721	721	
3 ha and under 4 ha	1,273	2,325	2,325		561	561		200	200		361	361	
4 ha and under 5 ha	364	561	561		120	120		80	80		40	40	
5 ha and under 10 ha	227	521	521		40	40					40	40	
10 ha and over	91	200	200		40	40		40	40				
Total	29,234	45,854	45,854		11,463	11,463		4,690	4,690		6,774	6,774	

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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	1,683	1,683		401	401		1,283	1,283	
Holding with land	7,535	7,535		1,764	1,764		5,772	5,772	
under 0.1 ha	200	200					200	200	
0.1 ha and under 0.2 ha	481	481		40	40		441	441	
0.2 ha and under 0.5 ha	1,964	1,964		721	721		1,243	1,243	
0.5 ha and under 1 ha	1,683	1,683		281	281		1,403	1,403	
1 ha and under 2 ha	1,724	1,724		401	401		1,323	1,323	
2 ha and under 3 ha	641	641		120	120		521	521	
3 ha and under 4 ha	561	561		80	80		481	481	
4 ha and under 5 ha	80	80		40	40		40	40	
5 ha and under 10 ha	160	160		80	80		80	80	
10 ha and over	40	40					40	40	
Total	9,219	9,219		2,164	2,164		7,054	7,054	

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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	2,886	2,886		281	281		1,804	1,804		802	802	
Holding with land	22,286	22,286		922	922		15,191	15,191		6,173	6,173	
Under 0.1 ha	641	641					361	361		281	281	
0.1 ha and Under 0.2 ha	1,243	1,243					762	762		481	481	
0.2 ha and Under 0.5 ha	5,411	5,411		441	441		3,447	3,447		1,523	1,523	
0.5 ha and Under 1 ha	5,772	5,772		200	200		3,768	3,768		1,804	1,804	
1 ha and Under 2 ha	4,850	4,850		200	200		3,487	3,487		1,162	1,162	
2 ha and Under 3 ha	2,365	2,365		40	40		1,964	1,964		361	361	
3 ha and Under 4 ha	1,202	1,202					842	842		361	361	
4 ha and Under 5 ha	361	361					321	321		40	40	
5 ha and Under 10 ha	321	321		40	40		160	160		120	120	
10 ha and over	120	120					80	80		40	40	
Total	25,172	25,172		1,202	1,202		16,995	16,995		6,974	6,974	

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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	5,732	20,019	20,019		6,185	6,185		2,604	2,604		3,581	3,581	
Holding with land	40,276	124,131	123,859	271	34,559	34,559		17,469	17,469		17,090	17,090	
Under 0.1 ha	3,689	10,254	10,254		3,255	3,255		1,465	1,465		1,790	1,790	
0.1 ha and Under 0.2 ha	4,337	12,749	12,749		3,255	3,255		1,465	1,465		1,790	1,790	
0.2 ha and Under 0.5 ha	12,312	37,272	37,109	163	9,874	9,874		5,154	5,154		4,720	4,720	
0.5 ha and Under 1 ha	10,916	36,458	36,349	109	10,905	10,905		5,914	5,914		4,991	4,991	
1 ha and Under 2 ha	6,031	18,175	18,175		4,937	4,937		2,116	2,116		2,821	2,821	
2 ha and Under 3 ha	1,794	5,100	5,100		1,085	1,085		705	705		380	380	
3 ha and Under 4 ha	847	3,092	3,092		814	814		434	434		380	380	
4 ha and Under 5 ha	150	434	434		217	217		109	109		109	109	
5 ha and Under 10 ha	199	597	597		217	217		109	109		109	109	
10 ha and over													
Total	46,008	144,150	143,879	271	40,744	40,744		20,074	20,074		20,670	20,670	

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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	13,834	13,834		5,425	5,425		8,409	8,409	
Holding with land	89,572	89,300	271	32,877	32,769	109	56,694	56,532	163
Under 0.1 ha	6,999	6,999		2,550	2,550		4,449	4,449	
0.1 ha and Under 0.2 ha	9,494	9,494		3,364	3,364		6,131	6,131	
0.2 ha and Under 0.5 ha	27,398	27,235	163	10,145	10,037	109	17,252	17,198	54
0.5 ha and Under 1 ha	25,553	25,445	109	9,114	9,114		16,439	16,330	109
1 ha and Under 2 ha	13,238	13,238		5,263	5,263		7,975	7,975	
2 ha and Under 3 ha	4,015	4,015		1,302	1,302		2,713	2,713	
3 ha and Under 4 ha	2,279	2,279		814	814		1,465	1,465	
4 ha and Under 5 ha	217	217		54	54		163	163	
5 ha and Under 10 ha	380	380		271	271		109	109	
10 ha and over									
Total	103,406	103,135	271	38,303	38,194	109	65,104	64,941	163

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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	575	1,747	1,747		1,398	1,398		699	699		699	699	
Under 0.1 ha													
0.1 ha and Under 0.2 ha	192	349	349		349	349					349	349	
0.2 ha and Under 0.5 ha	192	1,048	1,048		699	699		699	699				
0.5 ha and Under 1 ha	192	349	349		349	349					349	349	
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	575	1,747	1,747		1,398	1,398		699	699		699	699	

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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	349	349		349	349				
Under 0.1 ha									
0.1 ha and Under 0.2 ha									
0.2 ha and Under 0.5 ha	349	349		349	349				
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	349	349		349	349				

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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									
	Total				Under six months			Six months and over		
	No. of holdings	Number of heads			Number of heads			Number of heads		
		Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	363	1,497	1,497		624	624		874	874	
Holding with land	604	874	624	250				874	624	250
Under 0.1 ha										
0.1 ha and Under 0.2 ha	121	125	125					125	125	
0.2 ha and Under 0.5 ha	363	499	250	250				499	250	250
0.5 ha and Under 1 ha	121	250	250					250	250	
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	967	2,371	2,121	250	624	624		1,747	1,497	250

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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	407	2,769	407	2,769	1,263	367	489	652					
Holding with land	4,684	39,913	4,602	27,450	8,064	6,028	7,046	6,313	163	12,463	4,236	4,073	4,154
Under 0.1 ha	407	2,444	407	2,444	570	529	611	733					
0.1 ha and Under 0.2 ha	489	2,403	489	2,240	774	448	611	407	41	163	81		81
0.2 ha and Under 0.5 ha	1,263	7,535	1,263	7,494	2,240	1,507	2,281	1,466	41	41	41		
0.5 ha and Under 1 ha	1,629	21,219	1,548	8,960	2,403	2,036	1,996	2,525	81	12,259	4,113	4,073	4,073
1 ha and Under 2 ha	774	5,539	774	5,539	1,955	1,222	1,303	1,059					
2 ha and Under 3 ha	81	570	81	570	122	244	163	41					
3 ha and Under 4 ha	41	204	41	204		41	81	81					
4 ha and Under 5 ha													
5 ha and Under 10 ha													
10 ha and over													
Total	5,091	42,682	5,009	30,220	9,327	6,394	7,535	6,964	163	12,463	4,236	4,073	4,154

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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	163	407	41	285		
Holding with land	611	2,444	733	15,680	41	41
Under 0.1 ha	41	122				
0.1 ha and Under 0.2 ha			41	81		
0.2 ha and Under 0.5 ha	81	244	163	2,321		
0.5 ha and Under 1 ha	285	937	326	6,924	41	41
1 ha and Under 2 ha	122	733	41	244		
2 ha and Under 3 ha	81	407	41	815		
3 ha and Under 4 ha			122	5,295		
4 ha and Under 5 ha						
5 ha and Under 10 ha						
10 ha and over						
Total	774	2,851	774	15,965	41	41

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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	9,327	172.7	81		41		41	41	41	41	41	41	529
Holding with land	71,517	64,804.5	30,749	652	1,914	2,118	2,321	26,595	22,278	16,983	10,100	4,969	9,530
Under 0.1 ha	6,924	448.6	1,588		81	122		815	611	652	81	407	1,018
0.1 ha and Under 0.2 ha	6,801	1,017.6	2,647	41	41	122	122	2,077	1,548	1,263	122	285	733
0.2 ha and Under 0.5 ha	19,508	6,719.6	7,575	163	448	367	652	7,168	5,539	3,625	1,507	896	2,403
0.5 ha and Under 1 ha	18,450	14,339.9	9,041	163	448	489	652	7,494	6,761	4,928	2,729	1,140	2,973
1 ha and Under 2 ha	12,300	18,042.1	5,702	41	326	407	611	5,376	4,561	3,788	2,851	937	1,548
2 ha and Under 3 ha	4,602	11,430.3	2,199	81	285	367	204	1,996	1,629	1,425	1,751	448	326
3 ha and Under 4 ha	1,873	6,506.3	1,385	41	81	81	41	977	1,018	815	692	570	285
4 ha and Under 5 ha	570	2,511.1	285		122	81		367	326	244	204	81	81
5 ha and Under 10 ha	407	2,791.8	285	122	41	81	41	244	204	163	122	122	81
10 ha and over	81	997.3	41		41			81	81	81	41	81	81
Total	80,844	64,977.2	30,831	652	1,955	2,118	2,362	26,636	22,319	17,024	10,141	5,009	10,060

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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	9,327	172.7	41	41	41												
Holding with land	71,517	64,804.5	16,739	21,911	20,445	815	652		285	285	285						
Under 0.1 ha	6,924	448.6	652	652	611		41										
0.1 ha and Under 0.2 ha	6,801	1,017.6	611	774	529	81	163										
0.2 ha and Under 0.5 ha	19,508	6,719.6	3,177	3,543	3,258	163	122										
0.5 ha and Under 1 ha	18,450	14,339.9	5,172	6,557	6,109	367	81		41	41	41						
1 ha and Under 2 ha	12,300	18,042.1	3,788	4,887	4,602	81	204										
2 ha and Under 3 ha	4,602	11,430.3	1,751	2,607	2,525	41	41		41	41	41						
3 ha and Under 4 ha	1,873	6,506.3	1,140	1,751	1,670	81			81	81	81						
4 ha and Under 5 ha	570	2,511.1	244	529	529												
5 ha and Under 10 ha	407	2,791.8	204	611	611				122	122	122						
10 ha and over	81	997.3															
Total	80,844	64,977.2	16,780	21,952	20,486	815	652		285	285	285						

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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	1,018	1,100	1,018	41	41		529	611	611			
Under 0.1 ha												
0.1 ha and Under 0.2 ha	41	41	41									
0.2 ha and Under 0.5 ha	163	163	163				41	41	41			
0.5 ha and Under 1 ha	163	163	163				81	81	81			
1 ha and Under 2 ha	204	204	122	41	41		122	122	122			
2 ha and Under 3 ha	204	244	244				81	122	122			
3 ha and Under 4 ha	81	81	81				81	81	81			
4 ha and Under 5 ha	81	81	81				41	41	41			
5 ha and Under 10 ha	41	41	41				81	122	122			
10 ha and over	41	81	81									
Total	1,018	1,100	1,018	41	41		529	611	611			

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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	285	326	326				1,425	1,425	1,385	41		
Under 0.1 ha							41	41	41			
0.1 ha and Under 0.2 ha												
0.2 ha and Under 0.5 ha							244	244	244			
0.5 ha and Under 1 ha	41	41	41				285	285	285			
1 ha and Under 2 ha	122	122	122				163	163	122	41		
2 ha and Under 3 ha	41	41	41				204	204	204			
3 ha and Under 4 ha	41	41	41				204	204	204			
4 ha and Under 5 ha							81	81	81			
5 ha and Under 10 ha	41	81	81				163	163	163			
10 ha and over							41	41	41			
Total	285	326	326				1,425	1,425	1,385	41		

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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	1,100	1,140	1,100	41			1,711	1,711	1,670		41	
Under 0.1 ha												
0.1 ha and Under 0.2 ha												
0.2 ha and Under 0.5 ha	41	41	41				81	81	81			
0.5 ha and Under 1 ha	244	285	285				285	285	285			
1 ha and Under 2 ha	122	122	81	41			367	367	326		41	
2 ha and Under 3 ha	244	244	244				367	367	367			
3 ha and Under 4 ha	204	204	204				407	407	407			
4 ha and Under 5 ha	81	81	81				41	41	41			
5 ha and Under 10 ha	122	122	122				122	122	122			
10 ha and over	41	41	41				41	41	41			
Total	1,100	1,140	1,100	41			1,711	1,711	1,670		41	

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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	6,476	6,598	6,394		204		2,077	2,077	1,751	41		285
Under 0.1 ha												
0.1 ha and Under 0.2 ha							81	81				81
0.2 ha and Under 0.5 ha	489	529	448		81		204	204	122	41		41
0.5 ha and Under 1 ha	1,751	1,751	1,751				611	611	529			81
1 ha and Under 2 ha	1,955	1,996	1,955		41		367	367	367			
2 ha and Under 3 ha	1,466	1,466	1,425		41		204	204	163			41
3 ha and Under 4 ha	529	529	489		41		448	448	407			41
4 ha and Under 5 ha	163	204	204									
5 ha and Under 10 ha	81	81	81				81	81	81			
10 ha and over	41	41	41				81	81	81			
Total	6,476	6,598	6,394		204		2,077	2,077	1,751	41		285

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

Total area of holding	Number by source (On the day of enumeration)					
	Other equipment					
	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others
Holding without land						
Holding with land	855	855	855			
Under 0.1 ha	285	285	285			
0.1 ha and Under 0.2 ha	163	163	163			
0.2 ha and Under 0.5 ha	204	204	204			
0.5 ha and Under 1 ha	81	81	81			
1 ha and Under 2 ha	122	122	122			
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	855	855	855			

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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	815	1,100	937	163						
Holding with land	9,164	10,060	10,019	41	529	652	652			
Under 0.1 ha	244	244	244							
0.1 ha and Under 0.2 ha	163	163	163		41	41	41			
0.2 ha and Under 0.5 ha	1,263	1,385	1,385		81	81	81			
0.5 ha and Under 1 ha	2,566	2,810	2,810		204	285	285			
1 ha and Under 2 ha	2,159	2,444	2,444		204	244	244			
2 ha and Under 3 ha	1,711	1,792	1,751	41						
3 ha and Under 4 ha	733	855	855							
4 ha and Under 5 ha	163	204	204							
5 ha and Under 10 ha	122	122	122							
10 ha and over	41	41	41							
Total	9,978	11,159	10,956	204	529	652	652			

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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	41	41	41			774	815	815		
Holding with land	855	1,018	1,018			10,141	10,467	10,345	122	
Under 0.1 ha						285	326	326		
0.1 ha and Under 0.2 ha						570	570	570		
0.2 ha and Under 0.5 ha	204	244	244			2,729	2,769	2,729	41	
0.5 ha and Under 1 ha	489	570	570			3,014	3,177	3,095	81	
1 ha and Under 2 ha	163	204	204			2,444	2,525	2,525		
2 ha and Under 3 ha						733	733	733		
3 ha and Under 4 ha						204	204	204		
4 ha and Under 5 ha						81	81	81		
5 ha and Under 10 ha						81	81	81		
10 ha and over										
Total	896	1,059	1,059			10,915	11,282	11,159	122	

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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	9,327	172.7	41				41
Holding with land	71,517	64,804.5	4,806	1,018	77.9	87,727	61,621
Under 0.1 ha	6,924	448.6	41				81
0.1 ha and Under 0.2 ha	6,801	1,017.6	163				3,014
0.2 ha and Under 0.5 ha	19,508	6,719.6	611	81	0.5	1,425	7,372
0.5 ha and Under 1 ha	18,450	14,339.9	1,629	367	17.4	28,265	16,943
1 ha and Under 2 ha	12,300	18,042.1	1,425	285	24.8	35,148	12,707
2 ha and Under 3 ha	4,602	11,430.3	448	81	4.1	3,258	6,883
3 ha and Under 4 ha	1,873	6,506.3	407	163	29.7	18,816	13,929
4 ha and Under 5 ha	570	2,511.1	81	41	1.4	815	692
5 ha and Under 10 ha	407	2,791.8					
10 ha and over	81	997.3					
Total	80,844	64,977.2	4,847	1,018	77.9	87,727	61,661

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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	9,327	172.7	41	41			
Holding with land	71,517	64,804.5	4,806	4,521		163	122
Under 0.1 ha	6,924	448.6	41	41			
0.1 ha and Under 0.2 ha	6,801	1,017.6	163	163			
0.2 ha and Under 0.5 ha	19,508	6,719.6	611	529		41	41
0.5 ha and Under 1 ha	18,450	14,339.9	1,629	1,507		122	
1 ha and Under 2 ha	12,300	18,042.1	1,425	1,385			41
2 ha and Under 3 ha	4,602	11,430.3	448	448			
3 ha and Under 4 ha	1,873	6,506.3	407	367			41
4 ha and Under 5 ha	570	2,511.1	81	81			
5 ha and Under 10 ha	407	2,791.8					
10 ha and over	81	997.3					
Total	80,844	64,977.2	4,847	4,561		163	122

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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	9,327	172.7			41	
Holding with land	71,517	64,804.5	122	122	326	204
Under 0.1 ha	6,924	448.6			41	
0.1 ha and Under 0.2 ha	6,801	1,017.6				
0.2 ha and Under 0.5 ha	19,508	6,719.6	81	81	81	81
0.5 ha and Under 1 ha	18,450	14,339.9				41
1 ha and Under 2 ha	12,300	18,042.1			122	
2 ha and Under 3 ha	4,602	11,430.3			41	
3 ha and Under 4 ha	1,873	6,506.3	41	41	41	81
4 ha and Under 5 ha	570	2,511.1				
5 ha and Under 10 ha	407	2,791.8				
10 ha and over	81	997.3				
Total	80,844	64,977.2	122	122	367	204

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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	9,327	172.7						
Holding with land	71,517	64,804.5	204	163	163	17.2	41	
Under 0.1 ha	6,924	448.6						
0.1 ha and Under 0.2 ha	6,801	1,017.6						
0.2 ha and Under 0.5 ha	19,508	6,719.6	81	41	41	0.7	41	
0.5 ha and Under 1 ha	18,450	14,339.9	41	41	41	2.8		
1 ha and Under 2 ha	12,300	18,042.1						
2 ha and Under 3 ha	4,602	11,430.3						
3 ha and Under 4 ha	1,873	6,506.3	81	81	81	13.8		
4 ha and Under 5 ha	570	2,511.1						
5 ha and Under 10 ha	407	2,791.8						
10 ha and over	81	997.3						
Total	80,844	64,977.2	204	163	163	17.2	41	

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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	9,327	172.7	7,942	1,385	81		41	122	122	815	204
Holding with land	71,517	64,804.5	59,625	11,892	774	2,729	570	855	1,385	5,050	529
Under 0.1 ha	6,924	448.6	5,905	1,018	122	41	41	41	122	529	122
0.1 ha and Under 0.2 ha	6,801	1,017.6	5,172	1,629		81	122	41	285	1,059	41
0.2 ha and Under 0.5 ha	19,508	6,719.6	16,291	3,217	122	285	122	285	570	1,670	163
0.5 ha and Under 1 ha	18,450	14,339.9	15,802	2,647	163	692	204	367	204	896	122
1 ha and Under 2 ha	12,300	18,042.1	10,263	2,036	122	692	81	122	204	733	81
2 ha and Under 3 ha	4,602	11,430.3	3,951	652	204	326				122	
3 ha and Under 4 ha	1,873	6,506.3	1,629	244	41	163				41	
4 ha and Under 5 ha	570	2,511.1	367	204		204					
5 ha and Under 10 ha	407	2,791.8	244	163		163					
10 ha and over	81	997.3		81		81					
Total	80,844	64,977.2	67,567	13,277	855	2,729	611	977	1,507	5,865	733

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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	9,327	172.7	4,439	81	41	81	3,828		407
Holding with land	71,517	64,804.5	31,971	5,498	7,127	1,914	13,644	407	3,380
Under 0.1 ha	6,924	448.6	2,729	81	41		1,873	41	692
0.1 ha and Under 0.2 ha	6,801	1,017.6	3,177	81	163	81	2,566		285
0.2 ha and Under 0.5 ha	19,508	6,719.6	8,512	1,344	1,222		5,009	204	733
0.5 ha and Under 1 ha	18,450	14,339.9	9,041	2,077	2,484	448	2,851	81	1,100
1 ha and Under 2 ha	12,300	18,042.1	4,969	1,263	2,077	407	855		367
2 ha and Under 3 ha	4,602	11,430.3	1,873	407	692	285	285	81	122
3 ha and Under 4 ha	1,873	6,506.3	1,059	163	285	367	163		81
4 ha and Under 5 ha	570	2,511.1	244	41	122	41	41		
5 ha and Under 10 ha	407	2,791.8	285	41	41	204			
10 ha and over	81	997.3	81			81			
Total	80,844	64,977.2	36,410	5,580	7,168	1,996	17,472	407	3,788

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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	9,327	172.7	52,538	5.6	2,484	6,842	489	8,838
Holding with land	71,517	64,804.5	433,462	6.1	53,597	17,920	35,474	36,044
Under 0.1 ha	6,924	448.6	37,551	5.4	3,055	3,869	407	6,516
0.1 ha and Under 0.2 ha	6,801	1,017.6	37,917	5.6	2,973	3,828	692	6,109
0.2 ha and Under 0.5 ha	19,508	6,719.6	112,204	5.8	12,951	6,557	5,580	13,929
0.5 ha and Under 1 ha	18,450	14,339.9	111,186	6.0	16,291	2,159	11,444	7,005
1 ha and Under 2 ha	12,300	18,042.1	79,785	6.5	11,363	937	10,345	1,955
2 ha and Under 3 ha	4,602	11,430.3	33,193	7.2	4,195	407	4,236	367
3 ha and Under 4 ha	1,873	6,506.3	12,626	6.7	1,711	163	1,711	163
4 ha and Under 5 ha	570	2,511.1	4,765	8.4	570		570	
5 ha and Under 10 ha	407	2,791.8	3,299	8.1	407		407	
10 ha and over	81	997.3	937	11.5	81		81	
Total	80,844	64,977.2	486,001	6.0	56,082	24,762	35,962	44,882

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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	9,327	8,838	1,181	977	855	5,824	244	5,498	1,100	1,588	41	122	244
Holding with land	71,517	36,044	7,983	10,996	9,164	7,901	2,199	19,060	5,254	7,209	407	1,466	448
Under 0.1 ha	6,924	6,516	774	733	1,425	3,584	244	3,991	733	1,303	81	122	41
0.1 ha and Under 0.2 ha	6,801	6,109	815	1,059	2,077	2,159	285	3,299	733	1,507	81	163	41
0.2 ha and Under 0.5 ha	19,508	13,929	3,055	5,335	4,032	1,507	1,018	7,657	1,996	2,566	122	367	204
0.5 ha and Under 1 ha	18,450	7,005	2,607	2,688	1,303	407	570	2,566	1,548	1,425	81	652	163
1 ha and Under 2 ha	12,300	1,955	570	1,018	204	163	41	1,140	244	407	41	81	
2 ha and Under 3 ha	4,602	367	122	163	41	41	41	285				41	
3 ha and Under 4 ha	1,873	163	41		81	41		122				41	
4 ha and Under 5 ha	570												
5 ha and Under 10 ha	407												
10 ha and over	81												
Total	80,844	44,882	9,164	11,974	10,019	13,725	2,444	24,559	6,353	8,797	448	1,588	692

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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	9,327	172.7	1,222	1,181	2,647	3,136	937	204
Holding with land	71,517	64,804.5	6,516	12,788	16,861	25,618	7,738	1,996
Under 0.1 ha	6,924	448.6	733	1,466	1,751	2,729	163	81
0.1 ha and Under 0.2 ha	6,801	1,017.6	652	1,059	1,385	2,566	692	448
0.2 ha and Under 0.5 ha	19,508	6,719.6	1,833	4,195	4,439	6,679	1,751	611
0.5 ha and Under 1 ha	18,450	14,339.9	1,507	3,299	4,724	6,068	2,240	611
1 ha and Under 2 ha	12,300	18,042.1	1,222	1,588	2,932	4,724	1,751	81
2 ha and Under 3 ha	4,602	11,430.3	285	733	896	1,711	896	81
3 ha and Under 4 ha	1,873	6,506.3	244	163	652	692	122	
4 ha and Under 5 ha	570	2,511.1		163	81	163	81	81
5 ha and Under 10 ha	407	2,791.8	41	81		244	41	
10 ha and over	81	997.3		41		41		
Total	80,844	64,977.2	7,738	13,970	19,508	28,754	8,675	2,199

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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	9,327	172.7	3,503	2,199	41		2,362	1,222
Holding with land	71,517	64,804.5	23,744	24,477	896	489	15,395	6,516
Under 0.1 ha	6,924	448.6	2,036	1,914	41		2,199	733
0.1 ha and Under 0.2 ha	6,801	1,017.6	2,118	1,833			2,199	652
0.2 ha and Under 0.5 ha	19,508	6,719.6	7,249	6,150	163	285	3,828	1,833
0.5 ha and Under 1 ha	18,450	14,339.9	6,883	7,005	122	122	2,810	1,507
1 ha and Under 2 ha	12,300	18,042.1	3,706	4,847	122	81	2,321	1,222
2 ha and Under 3 ha	4,602	11,430.3	1,385	1,711	163		1,059	285
3 ha and Under 4 ha	1,873	6,506.3	285	733	163		448	244
4 ha and Under 5 ha	570	2,511.1	81	244	41		204	
5 ha and Under 10 ha	407	2,791.8		41	41		285	41
10 ha and over	81	997.3			41		41	
Total	80,844	64,977.2	27,247	26,676	937	489	17,757	7,738

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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	9,327	172.7	9,286	41	9,286		41
Holding with land	71,517	64,804.5	70,703	815	70,255	1,181	81
Under 0.1 ha	6,924	448.6	6,924		6,720	204	
0.1 ha and Under 0.2 ha	6,801	1,017.6	6,720	81	6,557	204	41
0.2 ha and Under 0.5 ha	19,508	6,719.6	19,305	204	19,183	285	41
0.5 ha and Under 1 ha	18,450	14,339.9	18,287	163	18,205	244	
1 ha and Under 2 ha	12,300	18,042.1	12,137	163	12,178	122	
2 ha and Under 3 ha	4,602	11,430.3	4,480	122	4,521	81	
3 ha and Under 4 ha	1,873	6,506.3	1,833	41	1,833	41	
4 ha and Under 5 ha	570	2,511.1	570		570		
5 ha and Under 10 ha	407	2,791.8	367	41	407		
10 ha and over	81	997.3	81		81		
Total	80,844	64,977.2	79,989	855	79,541	1,181	122

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Table 22. Number, area of holdings, number of holdings reporting, main purpose of production and main production of the holding by total area of holding

Total area of holding	Total		Main purpose of production		Main production of holdings							
	Number of holdings	Area (ha)	For household Consumption	For sale	Cereals	Vegetables	Horticulture	Other crops	Livestock	Poultry	Fishery	Other
Holding without land	9,327	172.7	7,820	1,507	41	41		652	8,553	41		
Holding with land	71,517	64,804.5	67,974	3,543	65,449	1,914	570	2,688	855			41
Under 0.1 ha	6,924	448.6	6,435	489	5,091	1,140	122	244	326			
0.1 ha and Under 0.2 ha	6,801	1,017.6	6,557	244	6,109	244	163	41	244			
0.2 ha and Under 0.5 ha	19,508	6,719.6	18,694	815	18,205	326	163	570	204			41
0.5 ha and Under 1 ha	18,450	14,339.9	17,757	692	17,676	163	41	529	41			
1 ha and Under 2 ha	12,300	18,042.1	11,730	570	11,322	41	81	815	41			
2 ha and Under 3 ha	4,602	11,430.3	4,195	407	4,276			326				
3 ha and Under 4 ha	1,873	6,506.3	1,751	122	1,792			81				
4 ha and Under 5 ha	570	2,511.1	529	41	529			41				
5 ha and Under 10 ha	407	2,791.8	285	122	367			41				
10 ha and over	81	997.3	41	41	81							
Total	80,844	64,977.2	75,794	5,050	65,490	1,955	570	3,340	9,408	41		41

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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	9,327	172.7	122	163	81	122	529	204	41		41	41		122
Holding with land	71,517	64,804.5	163	3,380	81	285	4,602	529	611	122	285	937	367	2,973
Under 0.1 ha	6,924	448.6		285	41		407	163	81		81	244		204
0.1 ha and Under 0.2 ha	6,801	1,017.6	41	244			570	122						611
0.2 ha and Under 0.5 ha	19,508	6,719.6	41	1,222		122	1,344	122	285		41	122	41	1,222
0.5 ha and Under 1 ha	18,450	14,339.9	41	896		122	1,425	81	163	81	41	81	163	570
1 ha and Under 2 ha	12,300	18,042.1	41	367		41	611	41	41	41	81	285	122	204
2 ha and Under 3 ha	4,602	11,430.3		204	41		163					163	41	163
3 ha and Under 4 ha	1,873	6,506.3		81			81		41			41		
4 ha and Under 5 ha	570	2,511.1									41			
5 ha and Under 10 ha	407	2,791.8		81										
10 ha and over	81	997.3												
Total	80,844	64,977.2	285	3,543	163	407	5,132	733	652	122	326	977	367	3,095

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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	9,327	172.7						
Holding with land	71,517	64,804.5	3,869	1,516.6	4,521	562.4	1,344	480.3
Under 0.1 ha	6,924	448.6	41	0.7	81	1.5	41	2.8
0.1 ha and Under 0.2 ha	6,801	1,017.6	122	11.0	367	4.6	41	6.9
0.2 ha and Under 0.5 ha	19,508	6,719.6	529	70.3	1,181	45.0	163	25.5
0.5 ha and Under 1 ha	18,450	14,339.9	1,140	216.5	1,344	105.2	407	109.6
1 ha and Under 2 ha	12,300	18,042.1	1,507	557.4	692	104.8	407	96.5
2 ha and Under 3 ha	4,602	11,430.3	285	522.7	407	125.5	122	84.5
3 ha and Under 4 ha	1,873	6,506.3	204	82.7	204	51.7	163	154.5
4 ha and Under 5 ha	570	2,511.1			81	55.2		
5 ha and Under 10 ha	407	2,791.8	41	55.2	122	48.3		
10 ha and over	81	997.3			41	20.7		
Total	80,844	64,977.2	3,869	1,516.6	4,521	562.4	1,344	480.3

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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	9,327					244	4,399	3,340	1,059				
Holding with land	71,517	1,670	2,525	2,036	489	51,276	2,018,982	1,276,724	742,258	4,969	127,966	59,055	68,911
Under 0.1 ha	6,924	81	163	122	41	2,444	19,956	14,947	5,009	163	1,548	1,018	529
0.1 ha and Under 0.2 ha	6,801					3,421	47,814	34,211	13,603	407	7,820	4,399	3,421
0.2 ha and Under 0.5 ha	19,508	41	122	81	41	12,829	301,953	192,804	109,150	1,588	30,994	14,336	16,658
0.5 ha and Under 1 ha	18,450	244	407	326	81	15,151	472,927	286,681	186,247	1,629	54,819	23,296	31,523
1 ha and Under 2 ha	12,300	448	692	529	163	10,548	471,135	297,758	173,377	1,059	30,138	14,662	15,476
2 ha and Under 3 ha	4,602	326	367	367		4,113	346,998	232,798	114,200	81	1,425	529	896
3 ha and Under 4 ha	1,873	367	529	448	81	1,751	164,620	99,904	64,716	41	1,222	815	407
4 ha and Under 5 ha	570	81	81	41	41	529	50,135	26,758	23,378				
5 ha and Under 10 ha	407	41	122	81	41	407	116,155	71,314	44,841				
10 ha and over	81	41	41	41		81	27,287	19,549	7,738				
Total	80,844	1,670	2,525	2,036	489	51,520	2,023,381	1,280,064	743,317	4,969	127,966	59,055	68,911

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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	9,327	8,716	611			367	41	1,751	163
Holding with land	71,517	68,422	3,095			1,303	163	8,512	529
Under 0.1 ha	6,924	6,476	448			244		977	81
0.1 ha and Under 0.2 ha	6,801	6,516	285			163		896	41
0.2 ha and Under 0.5 ha	19,508	18,246	1,263			285	122	2,729	244
0.5 ha and Under 1 ha	18,450	17,757	692			244	41	1,996	81
1 ha and Under 2 ha	12,300	11,974	326			244		1,507	
2 ha and Under 3 ha	4,602	4,521	81			122		285	81
3 ha and Under 4 ha	1,873	1,873						81	
4 ha and Under 5 ha	570	570						41	
5 ha and Under 10 ha	407	407							
10 ha and over	81	81							
Total	80,844	77,138	3,706			1,670	204	10,263	692

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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	2,281	244	2,647	41	1,140	41	529	81
Holding with land	19,183	977	19,956	774	12,748	489	6,720	163
Under 0.1 ha	2,118	41	1,670	204	1,059	122	407	
0.1 ha and Under 0.2 ha	1,629	122	1,873	41	1,140	81	815	
0.2 ha and Under 0.5 ha	5,865	448	5,295	285	2,566	81	1,507	81
0.5 ha and Under 1 ha	5,172	367	5,417	122	3,380	81	1,548	
1 ha and Under 2 ha	3,055		3,503	122	2,484	122	1,181	81
2 ha and Under 3 ha	855		1,181		1,385		692	
3 ha and Under 4 ha	367		529		489		407	
4 ha and Under 5 ha	81		204		81		163	
5 ha and Under 10 ha	41		204		163			
10 ha and over			81					
Total	21,463	1,222	22,604	815	13,888	529	7,249	244

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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	172.7	165.3	7.4			6.2	0.3	29.9	1.2
Holding with land	64,804.5	63,189.8	1,614.8			968.5	67.4	6,051.4	341.3
Under 0.1 ha	448.6	432.4	16.1			17.1		63.6	3.5
0.1 ha and Under 0.2 ha	1,017.6	978.5	39.1			23.7		133.5	4.1
0.2 ha and Under 0.5 ha	6,719.6	6,349.7	369.9			85.5	39.5	923.7	68.8
0.5 ha and Under 1 ha	14,339.9	13,806.5	533.3			185.5	27.9	1,511.9	62.9
1 ha and Under 2 ha	18,042.1	17,587.8	454.3			374.7		2,211.2	
2 ha and Under 3 ha	11,430.3	11,228.3	202.0			282.0		738.3	202.0
3 ha and Under 4 ha	6,506.3	6,506.3						286.0	
4 ha and Under 5 ha	2,511.1	2,511.1						183.3	
5 ha and Under 10 ha	2,791.8	2,791.8							
10 ha and over	997.3	997.3							
Total	64,977.2	63,355.1	1,622.2			974.7	67.7	6,081.3	342.5

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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	34.1	3.7	66.2	0.7	19.6	0.7	9.4	0.9
Holding with land	14,767.1	442.2	19,692.7	342.4	14,217.2	260.3	7,492.8	161.2
Under 0.1 ha	145.6	0.9	112.6	6.8	66.7	4.9	26.9	
0.1 ha and Under 0.2 ha	239.9	18.8	283.2	5.0	175.4	11.2	122.8	
0.2 ha and Under 0.5 ha	2,127.9	125.0	1,857.8	93.2	853.3	20.6	501.4	22.7
0.5 ha and Under 1 ha	3,948.0	297.5	4,238.2	72.4	2,713.4	72.6	1,209.5	
1 ha and Under 2 ha	4,331.2		5,216.6	164.9	3,665.2	150.9	1,788.8	138.5
2 ha and Under 3 ha	2,086.5		2,983.6		3,461.6		1,676.4	
3 ha and Under 4 ha	1,191.6		1,845.1		1,730.7		1,452.9	
4 ha and Under 5 ha	375.0		867.5		371.3		714.0	
5 ha and Under 10 ha	321.4		1,290.8		1,179.6			
10 ha and over			997.3					
Total	14,801.1	445.9	19,758.9	343.1	14,236.8	261.0	7,502.2	162.1

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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	9,327	27,572	24,966	10,874	10,019	5,132	4,439	3,828	3,584
Holding with land	71,517	232,635	200,827	76,975	67,119	47,692	38,447	33,437	32,419
Under 0.1 ha	6,924	19,997	17,554	6,476	6,272	3,991	3,095	3,055	3,095
0.1 ha and Under 0.2 ha	6,801	20,119	17,798	7,209	6,068	3,584	3,584	2,525	2,851
0.2 ha and Under 0.5 ha	19,508	59,869	52,335	20,567	18,898	12,463	9,652	8,023	8,553
0.5 ha and Under 1 ha	18,450	59,788	51,398	19,142	16,902	12,911	9,041	8,145	8,023
1 ha and Under 2 ha	12,300	43,986	35,799	14,499	11,078	9,408	7,372	6,964	6,109
2 ha and Under 3 ha	4,602	16,902	16,291	5,213	4,887	3,014	3,788	3,014	2,444
3 ha and Under 4 ha	1,873	6,964	5,661	2,159	1,955	1,466	1,140	815	611
4 ha and Under 5 ha	570	2,729	2,036	937	448	529	407	367	407
5 ha and Under 10 ha	407	1,711	1,588	529	489	244	367	407	285
10 ha and over	81	570	367	244	122	81		122	41
Total	80,844	260,208	225,793	87,849	77,138	52,824	42,886	37,266	36,003

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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	2,851	3,177	2,932	2,077	1,181	855	774	815
Holding with land	29,161	27,898	22,522	17,350	13,929	12,259	8,919	5,335
Under 0.1 ha	2,892	2,077	1,833	1,711	1,140	977	611	326
0.1 ha and Under 0.2 ha	2,362	2,240	2,281	1,507	1,303	1,059	855	489
0.2 ha and Under 0.5 ha	7,942	7,249	5,905	3,951	2,973	3,014	1,996	1,018
0.5 ha and Under 1 ha	7,901	7,738	5,865	4,928	3,625	3,055	2,199	1,711
1 ha and Under 2 ha	4,806	5,009	3,991	3,095	2,647	2,240	1,670	896
2 ha and Under 3 ha	2,036	2,199	1,344	1,263	1,425	1,263	855	448
3 ha and Under 4 ha	815	896	733	570	489	285	489	204
4 ha and Under 5 ha	244	244	244	122	163	285	244	122
5 ha and Under 10 ha	122	163	244	163	163	81		41
10 ha and over	41	81	81	41				81
Total	32,012	31,075	25,455	19,427	15,110	13,114	9,693	6,150

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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	8,716	611	529	41	611	41	163		41	
Holding with land	68,422	3,095	5,539	163	11,892	326	4,399	122	2,403	
Under 0.1 ha	6,476	448	285		692	81	285	81	81	
0.1 ha and Under 0.2 ha	6,516	285	489		855	41	204		41	
0.2 ha and Under 0.5 ha	18,246	1,263	1,629	122	3,217	122	774	41	448	
0.5 ha and Under 1 ha	17,757	692	1,507		3,217	81	1,548		652	
1 ha and Under 2 ha	11,974	326	1,059	41	2,607		774		733	
2 ha and Under 3 ha	4,521	81	407		815		489		204	
3 ha and Under 4 ha	1,873		81		244		204		81	
4 ha and Under 5 ha	570		41		122		41		122	
5 ha and Under 10 ha	407		41		81		41		41	
10 ha and over	81				41		41			
Total	77,138	3,706	6,068	204	12,503	367	4,561	122	2,444	

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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			41				896	81	6,435	448
Holding with land	1,059	41	448		41		9,856	652	32,786	1,792
Under 0.1 ha	41		81				1,018	41	3,991	244
0.1 ha and Under 0.2 ha	81		81				652	41	4,113	204
0.2 ha and Under 0.5 ha	204		122				2,892	244	8,960	733
0.5 ha and Under 1 ha	163						2,281	285	8,390	326
1 ha and Under 2 ha	204		81		41		1,548	41	4,928	244
2 ha and Under 3 ha	204	41	81				692		1,629	41
3 ha and Under 4 ha	122						570		570	
4 ha and Under 5 ha							122		122	
5 ha and Under 10 ha	41						81		81	
10 ha and over										
Total	1,059	41	489		41		10,752	733	39,221	2,240

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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	15,843	22,196	6,476	6,068	3,095	1,792	204	122	163	41
Holding with land	145,193	179,608	45,941	42,927	43,212	33,071	12,178	7,168	7,412	3,828
Under 0.1 ha	11,892	15,314	3,136	3,055	2,525	1,670	489	448	448	244
0.1 ha and Under 0.2 ha	11,892	15,924	4,154	3,788	2,973	2,281	529	285	204	122
0.2 ha and Under 0.5 ha	36,533	45,574	12,788	12,055	10,100	7,453	2,729	1,914	1,344	448
0.5 ha and Under 1 ha	37,225	46,551	11,444	11,200	12,178	8,675	3,380	1,466	1,833	1,222
1 ha and Under 2 ha	28,346	32,623	8,838	7,820	8,919	6,801	3,014	1,344	1,751	774
2 ha and Under 3 ha	10,996	14,906	3,258	3,095	3,706	4,358	1,222	855	855	570
3 ha and Under 4 ha	4,724	5,050	1,263	1,263	1,670	896	570	407	489	163
4 ha and Under 5 ha	1,996	1,873	611	326	611	529	204	163	204	41
5 ha and Under 10 ha	1,222	1,425	367	285	407	326	41	163	204	244
10 ha and over	367	367	81	41	122	81		122	81	
Total	161,036	201,805	52,416	48,995	46,307	34,863	12,381	7,290	7,575	3,869

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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	81			41			692	937	5,132	13,196
Holding with land	3,462	1,222	1,181	448	163	122	8,797	15,191	22,848	75,631
Under 0.1 ha	244	163	244	41	81	41	774	1,344	3,951	8,308
0.1 ha and Under 0.2 ha	122	163	41	41			937	1,222	2,932	8,023
0.2 ha and Under 0.5 ha	692	407	285	41			1,955	3,584	6,639	19,671
0.5 ha and Under 1 ha	896	122	122	81		81	2,240	3,869	5,132	19,834
1 ha and Under 2 ha	815	122	163	81	81		1,955	2,810	2,810	12,870
2 ha and Under 3 ha	367	122	244	163			570	1,222	774	4,521
3 ha and Under 4 ha	122	122	41				204	570	367	1,629
4 ha and Under 5 ha	41						81	244	244	570
5 ha and Under 10 ha	122						81	244		163
10 ha and over	41		41					81		41
Total	3,543	1,222	1,181	489	163	122	9,489	16,128	27,980	88,827

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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	8,716	611					163					41		285	81
Holding with land	68,422	3,095	41		407		937		570		529	41	1,263		
Under 0.1 ha	6,476	448					204		81		41		81		
0.1 ha and Under 0.2 ha	6,516	285			41		41				81		163		
0.2 ha and Under 0.5 ha	18,246	1,263	41		163		204		81		41	41	529		
0.5 ha and Under 1 ha	17,757	692			81		81		285		163		367		
1 ha and Under 2 ha	11,974	326			122		163		81		41		122		
2 ha and Under 3 ha	4,521	81					81				122				
3 ha and Under 4 ha	1,873						41		41						
4 ha and Under 5 ha	570						122								
5 ha and Under 10 ha	407										41				
10 ha and over	81														
Total	77,138	3,706	41		407		1,100		570		570	41	1,548	81	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

MAHOTTARI

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	5,050	81	1,751	41	326		570	122	244	285			285	
Holding with land	53,272	1,263	4,847	41	1,100		2,077	122	1,385	1,588	204		1,792	41
Under 0.1 ha	4,032	204	1,059	41	163		489	41	81	163	41		204	
0.1 ha and Under 0.2 ha	4,602	81	815		244		285		81	204			163	
0.2 ha and Under 0.5 ha	14,132	367	1,385		244		692	81	367	774	41		326	
0.5 ha and Under 1 ha	14,377	326	855		204		285		489	367	41		529	
1 ha and Under 2 ha	9,856	204	489		163		285		285	81	81		285	41
2 ha and Under 3 ha	3,869	81	204		41				41				163	
3 ha and Under 4 ha	1,588		41				41		41				81	
4 ha and Under 5 ha	407												41	
5 ha and Under 10 ha	326				41									
10 ha and over	81													
Total	58,322	1,344	6,598	81	1,425		2,647	244	1,629	1,873	204		2,077	41

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

MAHOTTARI

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	12,218	18,327	41			204					122	81	367	41
Holding with land	116,521	155,742	652	244	652	489	896	326	1,059	244	977	407	3,014	529
Under 0.1 ha	9,367	12,666	41				204		326	81	41		122	
0.1 ha and Under 0.2 ha	9,367	13,603	41	81	41		41		41	41		41	204	41
0.2 ha and Under 0.5 ha	28,631	38,732	163	81	81	122		41	244		326	122	1,100	204
0.5 ha and Under 1 ha	31,116	40,605	285	41	244	163	326	122	41		244	81	855	122
1 ha and Under 2 ha	22,563	28,957	41		122	81	204	81	244		204	81	407	41
2 ha and Under 3 ha	8,512	13,481	41	41	81	41	81	81	163	81	41	81	122	122
3 ha and Under 4 ha	4,032	4,399			81	41				41	81		163	
4 ha and Under 5 ha	1,588	1,711				41					41		41	
5 ha and Under 10 ha	1,018	1,303	41											
10 ha and over	326	285					41							
Total	128,739	174,069	692	244	652	692	896	326	1,059	244	1,100	489	3,380	570

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

MAHOTTARI

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	1,466	977	2,851	570	529	81	733	326	1,140	12,585	4,195	2,973	774	489
Holding with land	13,970	5,457	21,341	2,240	5,824	448	5,254	774	7,168	103,488	48,873	36,166	6,842	4,928
Under 0.1 ha	1,425	367	1,588	81	529		570	122	977	9,449	2,851	2,159	692	407
0.1 ha and Under 0.2 ha	937	652	2,240	204	407		733	204	977	9,612	3,299	2,566	407	163
0.2 ha and Under 0.5 ha	3,340	1,670	5,905	733	1,711	41	1,018	204	1,670	25,780	11,322	8,675	1,751	1,059
0.5 ha and Under 1 ha	3,055	1,303	4,806	529	1,507	163	1,507	41	1,670	27,002	14,580	9,449	1,996	1,588
1 ha and Under 2 ha	2,688	1,018	4,480	529	937	163	855	81	1,181	19,142	9,978	6,801	1,222	937
2 ha and Under 3 ha	1,629	326	1,181	163	407	41	448	122	367	7,738	3,543	4,154	407	489
3 ha and Under 4 ha	611	122	529		163	41	81		163	2,647	1,996	1,466	163	41
4 ha and Under 5 ha	204		407		81		41		41	1,263	570	285	163	122
5 ha and Under 10 ha	41		204		81				81	733	529	529	41	41
10 ha and over	41								41	122	204	81		81
Total	15,436	6,435	24,192	2,810	6,353	529	5,987	1,100	8,308	116,073	53,068	39,139	7,616	5,417

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.

