

National Sample Census of Agriculture

Nepal

2011/12

Rukum

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

RUKUM

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	50		0.3	0.3	50	1.0	50					
Holding with land	37,709	2,515.6	18,859.3	21,374.9	181,832	4.8	2,421	11,655	12,079	9,184	2,371	
Under 0.1 ha	973	7.9	58.8	66.8	2,121	2.2	225	649	100			
0.1 ha and Under 0.2 ha	4,093	82.7	531.1	613.8	12,104	3.0	998	1,722	1,073	275	25	
0.2 ha and Under 0.5 ha	17,420	625.3	5,383.9	6,009.2	74,819	4.3	849	6,339	6,064	3,793	374	
0.5 ha and Under 1 ha	10,332	949.5	6,095.7	7,045.2	60,769	5.9	275	2,221	3,269	3,319	1,248	
1 ha and Under 2 ha	4,068	573.2	4,987.2	5,560.4	25,905	6.4	50	649	1,373	1,423	574	
2 ha and Under 3 ha	674	268.8	1,279.2	1,548.0	5,016	7.4	25	25	175	349	100	
3 ha and Under 4 ha	125	8.2	413.8	422.0	674	5.4		50	25	25	25	
4 ha and Under 5 ha	25		109.7	109.7	424	17.0					25	
5 ha and Under 10 ha												
10 ha and over												
Total	37,759	2,515.6	18,859.6	21,375.2	181,882	4.8	2,471	11,655	12,079	9,184	2,371	

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	50	0.3	50	0.3								
Holding with land	37,709	21,374.9	35,288	19,710.2	25	3.8			2,396	1,322.1	333.8	5.1
Under 0.1 ha	973	66.8	973	66.8								
0.1 ha and under 0.2 ha	4,093	613.8	3,818	567.4	25	3.8			250	22.5	18.6	1.5
0.2 ha and under 0.5 ha	17,420	6,009.2	16,421	5,647.1					998	273.7	87.0	1.3
0.5 ha and under 1 ha	10,332	7,045.2	9,633	6,507.6					699	426.8	108.5	2.3
1 ha and under 2 ha	4,068	5,560.4	3,694	5,044.4					374	423.2	92.8	
2 ha and under 3 ha	674	1,548.0	624	1,441.1					50	85.3	21.6	
3 ha and under 4 ha	125	422.0	100	326.0					25	90.6	5.3	
4 ha and under 5 ha	25	109.7	25	109.7								
5 ha and under 10 ha												
10 ha and over												
Total	37,759	21,375.2	35,338	19,710.5	25	3.8			2,396	1,322.1	333.8	5.1

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

RUKUM

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

Total area of holding	Number of holdings	Under one tenure form - rented from others													
		Total		Rented for fixed amount of money		Rented for fixed quantity of production		Rented for share of production		Rented in exchange for services		Rented for mortgage		Other rental arrangements	
		No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	50														
Holding with land	37,709	25	3.8									25	3.8		
Under 0.1 ha	973														
0.1 ha and under 0.2 ha	4,093	25	3.8									25	3.8		
0.2 ha and under 0.5 ha	17,420														
0.5 ha and under 1 ha	10,332														
1 ha and under 2 ha	4,068														
2 ha and under 3 ha	674														
3 ha and under 4 ha	125														
4 ha and under 5 ha	25														
5 ha and under 10 ha															
10 ha and over															
Total	37,759	25	3.8									25	3.8		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

RUKUM

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	50														
Holding with land	37,709	2,346	333.8	275	21.3	25	1.3	1,423	205.6	100	5.1	649	98.6	50	1.8
Under 0.1 ha	973														
0.1 ha and under 0.2 ha	4,093	225	18.6	25	0.6			125	13.0			100	5.1		
0.2 ha and under 0.5 ha	17,420	998	87.0	75	3.5	25	1.3	699	72.8	75	3.3	125	5.8	25	0.2
0.5 ha and under 1 ha	10,332	674	108.5	100	8.4			349	63.8	25	1.8	225	34.5		
1 ha and under 2 ha	4,068	374	92.8	75	8.9			225	52.9			125	29.4	25	1.5
2 ha and under 3 ha	674	50	21.6					25	3.1			50	18.5		
3 ha and under 4 ha	125	25	5.3									25	5.3		
4 ha and under 5 ha	25														
5 ha and under 10 ha															
10 ha and over															
Total	37,759	2,346	333.8	275	21.3	25	1.3	1,423	205.6	100	5.1	649	98.6	50	1.8

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	50	0.3	25	0.2					25	0.2
Holding with land	37,709	21,374.9	37,709	15,238.2	1,572	124.1	5,440	625.0	37,709	15,987.4
Under 0.1 ha	973	66.8	973	48.2					973	48.2
0.1 ha and under 0.2 ha	4,093	613.8	4,093	463.2	50	0.7	399	17.2	4,093	481.0
0.2 ha and under 0.5 ha	17,420	6,009.2	17,420	4,510.7	624	28.5	1,997	120.2	17,420	4,659.4
0.5 ha and under 1 ha	10,332	7,045.2	10,332	5,068.1	649	60.4	2,121	234.7	10,332	5,363.2
1 ha and under 2 ha	4,068	5,560.4	4,068	3,843.9	225	28.2	774	204.1	4,068	4,076.2
2 ha and under 3 ha	674	1,548.0	674	1,132.4			100	43.3	674	1,175.7
3 ha and under 4 ha	125	422.0	125	146.4	25	6.3	50	5.5	125	158.2
4 ha and under 5 ha	25	109.7	25	25.4					25	25.4
5 ha and under 10 ha										
10 ha and over										
Total	37,759	21,375.2	37,734	15,238.4	1,572	124.1	5,440	625.0	37,734	15,987.5

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									50	0.1
Holding with land	15,548	3,245.0	3,993	737.1	4,567	481.7	50	1.4	35,663	922.4
Under 0.1 ha	225	4.0			50	0.9			948	13.7
0.1 ha and under 0.2 ha	923	39.4	225	9.3	200	8.4			3,968	75.6
0.2 ha and under 0.5 ha	7,662	676.7	1,497	135.4	2,271	154.2			15,872	383.3
0.5 ha and under 1 ha	4,467	940.9	1,472	262.2	1,497	187.4	50	1.4	10,107	290.0
1 ha and under 2 ha	1,872	1,031.0	624	214.5	524	115.5			3,968	123.2
2 ha and under 3 ha	275	288.8	150	56.3					674	27.2
3 ha and under 4 ha	100	181.6	25	59.3	25	15.2			100	7.6
4 ha and under 5 ha	25	82.5							25	1.8
5 ha and under 10 ha										
10 ha and over										
Total	15,548	3,245.0	3,993	737.1	4,567	481.7	50	1.4	35,713	922.5

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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	50	0.3																
Holding with land	37,709	21,374.9	12,229	2,965.6	9,633	2,230.0	50	2.0	474	66.7			2,745	666.0	50	1.0		
Under 0.1 ha	973	66.8	250	12.5	175	8.0							75	4.4				
0.1 ha and under 0.2 ha	4,093	613.8	1,173	93.7	898	73.4	25	0.8	100	6.2			250	13.4				
0.2 ha and under 0.5 ha	17,420	6,009.2	5,366	857.4	4,367	671.3			275	31.4			998	154.5	25	0.3		
0.5 ha and under 1 ha	10,332	7,045.2	4,018	1,165.4	3,020	784.9	25	1.3	100	29.1			1,073	350.2				
1 ha and under 2 ha	4,068	5,560.4	1,198	636.9	948	541.3							299	95.0	25	0.6		
2 ha and under 3 ha	674	1,548.0	225	199.7	225	151.2							50	48.6				
3 ha and under 4 ha	125	422.0																
4 ha and under 5 ha	25	109.7																
5 ha and under 10 ha																		
10 ha and over																		
Total	37,759	21,375.2	12,229	2,965.6	9,633	2,230.0	50	2.0	474	66.7			2,745	666.0	50	1.0		

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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	50	0.3											
Holding with land	37,709	21,374.9	12,229	2,965.6	12,229	2,964.4						25	1.2
Under 0.1 ha	973	66.8	250	12.5	250	12.5							
0.1 ha and under 0.2 ha	4,093	613.8	1,173	93.7	1,173	93.7							
0.2 ha and under 0.5 ha	17,420	6,009.2	5,366	857.4	5,366	856.3						25	1.2
0.5 ha and under 1 ha	10,332	7,045.2	4,018	1,165.4	4,018	1,165.4							
1 ha and under 2 ha	4,068	5,560.4	1,198	636.9	1,198	636.9							
2 ha and under 3 ha	674	1,548.0	225	199.7	225	199.7							
3 ha and under 4 ha	125	422.0											
4 ha and under 5 ha	25	109.7											
5 ha and under 10 ha													
10 ha and over													
Total	37,759	21,375.2	12,229	2,965.6	12,229	2,964.4						25	1.2

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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	25	0.2	25	0.2								
Holding with land	37,709	32,003.6	37,509	25,908.3	13,526	3,046.5	11,680	2,834.9	2,546	195.0	150	18.9
Under 0.1 ha	973	99.0	973	82.2	200	2.7	299	12.8	25	1.3		
0.1 ha and under 0.2 ha	4,093	934.1	3,993	793.6	699	29.6	1,148	101.0	250	9.8		
0.2 ha and under 0.5 ha	17,420	9,271.4	17,345	7,729.5	6,389	558.0	5,241	853.2	1,722	118.5	50	12.1
0.5 ha and under 1 ha	10,332	10,494.4	10,307	8,454.4	3,993	879.0	3,494	1,095.6	474	58.7	100	6.7
1 ha and under 2 ha	4,068	8,201.3	4,068	6,564.4	1,847	1,024.3	1,273	605.9	75	6.7		
2 ha and under 3 ha	674	2,434.9	674	2,050.8	275	288.8	150	95.2				
3 ha and under 4 ha	125	436.5	125	183.9	100	181.6	75	71.1				
4 ha and under 5 ha	25	132.0	25	49.5	25	82.5						
5 ha and under 10 ha												
10 ha and over												
Total	37,734	32,003.8	37,534	25,908.5	13,526	3,046.5	11,680	2,834.9	2,546	195.0	150	18.9

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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	25	0.2														
Holding with land	37,609	24,529.5	13,377	814.1	11,555	617.5	15,648	1,351.5	799	12.8	8,236	277.4	18,867	896.4	4,043	259.3
Under 0.1 ha	948	76.8	200	2.4	175	3.1	474	8.6			75	0.2	299	2.7	75	1.3
0.1 ha and Under 0.2 ha	4,018	705.6	1,173	33.5	1,048	28.7	1,248	46.2	100	1.5	849	13.9	2,171	47.3	549	17.9
0.2 ha and under 0.5 ha	17,420	7,057.9	5,815	228.4	5,540	237.6	7,262	430.8	424	4.5	4,143	123.1	8,535	404.2	1,947	108.1
0.5 ha and under 1 ha	10,332	7,927.9	4,492	349.5	3,494	208.0	4,392	531.2	200	6.2	2,421	86.5	5,640	330.1	1,248	114.1
1 ha and under 2 ha	4,068	6,494.9	1,373	145.4	1,073	107.3	1,897	264.7	75	0.5	574	35.3	1,947	104.4	225	17.8
2 ha and under 3 ha	674	2,021.5	225	38.2	200	27.8	250	39.4			100	11.4	275	7.7		
3 ha and under 4 ha	125	200.7	100	16.7			125	30.6			75	7.0				
4 ha and under 5 ha	25	44.4			25	5.1										
5 ha and under 10 ha																
10 ha and over																
Total	37,634	24,529.7	13,377	814.1	11,555	617.5	15,648	1,351.5	799	12.8	8,236	277.4	18,867	896.4	4,043	259.3

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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							25	0.2											
Holding with land	549	37.1	11,056	2,123.7	2,096	207.6	34,515	9,576.8	36,586	11,201.5	2,695	152.9	6,788	1,152.7	1,423	65.0	374	12.3	
Under 0.1 ha			125	5.2	25	1.0	873	34.0	849	36.4	25	0.2							
0.1 ha and Under 0.2 ha	25	3.8	873	61.4	175	4.3	3,619	283.6	3,719	324.8	250	7.4	225	15.5	150	4.8			
0.2 ha and under 0.5 ha	349	18.3	4,817	528.7	973	80.0	15,872	2,833.4	17,070	3,328.5	1,173	48.4	2,521	173.6	998	40.3	225	6.7	
0.5 ha and under 1 ha	125	8.5	3,594	791.1	774	86.9	9,384	3,024.9	10,132	3,502.2	1,098	71.0	2,446	425.7	175	12.0	150	5.5	
1 ha and under 2 ha	50	6.4	1,323	523.2	150	35.5	3,943	2,499.2	3,993	2,973.1	125	23.4	1,348	430.0	75	4.1			
2 ha and under 3 ha			275	201.3			674	813.8	674	903.5	25	2.5	200	96.5	25	3.8			
3 ha and under 4 ha			50	12.8			125	68.9	125	107.5			50	11.4					
4 ha and under 5 ha							25	19.0	25	25.4									
5 ha and under 10 ha																			
10 ha and over																			
Total	549	37.1	11,056	2,123.7	2,096	207.6	34,540	9,577.0	36,586	11,201.5	2,695	152.9	6,788	1,152.7	1,423	65.0	374	12.3	

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

Total area of holding	Soyabean		Black gram		Red gram		Grass pea		Lentil		Gram pea		Pea		Green gram		Horse gram		Cow pea		Other leguminous crops	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holding	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holding	Area (ha)	No. of holding	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land																						
Holding with land	4,567	209.3	674	33.4					4,342	188.8	1,922	54.1	2,970	111.7			250	16.5	4,467	195.1	349	5.1
Under 0.1 ha			25	0.3							25	0.6	75	0.3					100	1.1		
0.1 ha and Under 0.2 ha	374	7.9	25	0.5					424	10.4	175	3.7	275	6.5			50	1.9	225	2.1	25	0.5
0.2 ha and under 0.5 ha	1,897	57.1	150	4.0					1,797	52.1	799	21.1	1,423	43.2			100	11.8	1,697	36.9	125	2.1
0.5 ha and under 1 ha	1,797	113.8	399	25.8					1,547	77.6	724	22.4	1,023	47.5			100	2.9	1,273	57.9	150	1.6
1 ha and under 2 ha	424	28.8	75	2.9					424	29.2	175	4.9	175	14.1					873	65.4	25	0.1
2 ha and under 3 ha	75	1.7							125	17.8	25	1.3							200	16.7	25	0.8
3 ha and under 4 ha									25	1.7									100	15.1		
4 ha and under 5 ha																						
5 ha and under 10 ha																						
10 ha and over																						
Total	4,567	209.3	674	33.4					4,342	188.8	1,922	54.1	2,970	111.7			250	16.5	4,467	195.1	349	5.1

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

Total area of holding	Potato		Sweet potato		Colocasia		Other tubers and bulbs	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land								
Holding with land	10,407	583.5	125	1.5	1,972	32.4		
Under 0.1 ha	175	3.0			25	0.1		
0.1 ha and Under 0.2 ha	873	26.0	25	0.6	150	2.1		
0.2 ha and under 0.5 ha	4,891	225.2	25	0.0	1,123	12.4		
0.5 ha and under 1 ha	3,219	196.6	75	1.0	549	10.5		
1 ha and under 2 ha	1,023	99.9			125	7.4		
2 ha and under 3 ha	200	27.8						
3 ha and under 4 ha								
4 ha and under 5 ha	25	5.1						
5 ha and under 10 ha								
10 ha and over								
Total	10,407	583.5	125	1.5	1,972	32.4		

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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	15,323	1,305.0	424	11.0	75	5.7	499	23.7			150	6.1
Under 0.1 ha	449	8.6									25	0.0
0.1 ha and Under 0.2 ha	1,248	45.9					25	0.3				
0.2 ha and under 0.5 ha	7,113	414.7	225	4.3	25	1.9	175	4.7			100	5.2
0.5 ha and under 1 ha	4,317	508.9	150	5.6			225	15.7			25	0.9
1 ha and under 2 ha	1,822	256.9	50	1.0	50	3.9	75	3.0				
2 ha and under 3 ha	250	39.4										
3 ha and under 4 ha	125	30.6										
4 ha and under 5 ha												
5 ha and under 10 ha												
10 ha and over												
Total	15,323	1,305.0	424	11.0	75	5.7	499	23.7			150	6.1

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

Total area of holding	Sugarcane		Jute		Tobacco		Other cash crops	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land								
Holding with land	674	5.6			25	1.3	100	5.9
Under 0.1 ha								
0.1 ha and Under 0.2 ha	75	0.9					25	0.6
0.2 ha and under 0.5 ha	349	3.0			25	1.3	50	0.2
0.5 ha and under 1 ha	175	1.2					25	5.1
1 ha and under 2 ha	75	0.5						
2 ha and under 3 ha								
3 ha and under 4 ha								
4 ha and under 5 ha								
5 ha and under 10 ha								
10 ha and over								
Total	674	5.6			25	1.3	100	5.9

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

Total area of holding	Chili		Onion		Garlic		Ginger		Turmeric		Coriander seed		Other spice crops	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land														
Holding with land	3,968	29.0	2,096	38.2	3,120	40.9	1,572	142.7	674	17.4	948	5.6	225	3.6
Under 0.1 ha	50	0.1	25	0.0	25	0.0					25	0.1		
0.1 ha and Under 0.2 ha	499	3.8	275	2.1	374	4.4					125	2.8	25	0.8
0.2 ha and under 0.5 ha	2,271	13.2	973	23.2	1,323	17.2	649	58.6	399	8.8	225	0.5	50	1.6
0.5 ha and under 1 ha	973	9.6	624	5.3	1,148	14.4	549	50.1	200	4.4	424	1.5	125	1.2
1 ha and under 2 ha	175	2.3	175	3.7	250	4.9	225	19.4	75	4.2	150	0.8	25	0.1
2 ha and under 3 ha			25	3.8			75	7.6						
3 ha and under 4 ha							75	7.0						
4 ha and under 5 ha														
5 ha and under 10 ha														
10 ha and over														
Total	3,968	29.0	2,096	38.2	3,120	40.9	1,572	142.7	674	17.4	948	5.6	225	3.6

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

Total area of holding	Cauliflower		Cabbage		Tomato		Others	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land								
Holding with land	674	18.1	349	9.8	624	8.1	18,543	860.4
Under 0.1 ha							299	2.7
0.1 ha and Under 0.2 ha	25	0.6	75	1.9	150	1.8	2,146	43.0
0.2 ha and under 0.5 ha	324	9.6	125	2.3	275	3.1	8,410	389.3
0.5 ha and under 1 ha	225	4.3	150	5.6	150	1.8	5,490	318.3
1 ha and under 2 ha	75	2.3			50	1.4	1,922	100.7
2 ha and under 3 ha	25	1.3					275	6.4
3 ha and under 4 ha								
4 ha and under 5 ha								
5 ha and under 10 ha								
10 ha and over								
Total	674	18.1	349	9.8	624	8.1	18,543	860.4

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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	50	0.3										
Holding with land	37,709	21,374.9	24,557	3,245.0	16,371	1,899.4	2,381,288	11,530	1,345.6	35,363	438,833	66,858
under 0.1 ha	973	66.8	499	4.0	225	3.3	5,765	100	0.7	948	5,266	724
0.1 ha and under 0.2 ha	4,093	613.8	2,620	39.4	873	16.9	21,063	724	22.5	898	33,741	6,788
0.2 ha and under 0.5 ha	17,420	6,009.2	11,630	676.7	7,662	276.0	399,926	6,189	400.7	22,511	198,578	36,411
0.5 ha and under 1 ha	10,332	7,045.2	7,038	940.9	4,842	476.5	623,984	3,419	464.4	10,282	144,972	16,521
1 ha and under 2 ha	4,068	5,560.4	2,346	1,031.0	2,146	700.6	812,081	998	330.3	724	52,334	6,364
2 ha and under 3 ha	674	1,548.0	299	288.8	449	229.2	258,673	75	59.7		2,346	50
3 ha and under 4 ha	125	422.0	100	181.6	150	181.6	182,431				1,597	
4 ha and under 5 ha	25	109.7	25	82.5	25	15.2	77,365	25	67.3			
5 ha and under 10 ha												
10 ha and over												
Total	37,759	21,375.2	24,557	3,245.0	16,371	1,899.4	2,381,288	11,530	1,345.6	35,363	438,833	66,858

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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	3,394	7.6	524	5.7	5,416	225	1.9	3,045	10,457	11,779
under 0.1 ha										
0.1 ha and under 0.2 ha	449	0.2	25	0.1	50	25	0.1	50	849	1,248
0.2 ha and under 0.5 ha	1,747	3.9	299	3.2	3,868	100	0.7	2,146	5,366	7,761
0.5 ha and under 1 ha	923	3.6	200	2.4	1,497	100	1.1	849	3,020	2,121
1 ha and under 2 ha	250								873	649
2 ha and under 3 ha										
3 ha and under 4 ha	25								349	
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	3,394	7.6	524	5.7	5,416	225	1.9	3,045	10,457	11,779

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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	25							25		
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	25							25		
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	25							25		

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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	724	0.1				25	0.1	75	774	624
under 0.1 ha										
0.1 ha and under 0.2 ha	75	0.1				25	0.1	75	75	
0.2 ha and under 0.5 ha	250								324	299
0.5 ha and under 1 ha	299								349	150
1 ha and under 2 ha	100								25	175
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	724	0.1				25	0.1	75	774	624

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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	250	0.1	25	0.1	50			374	225	
under 0.1 ha	25							50	125	
0.1 ha and under 0.2 ha	25							100		
0.2 ha and under 0.5 ha	50							75		
0.5 ha and under 1 ha	150	0.1	25	0.1	50			150	100	
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	250	0.1	25	0.1	50			374	225	

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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	624	0.4	75	0.3	250	25	0.1	75	898	699
under 0.1 ha	25								50	75
0.1 ha and under 0.2 ha	50								50	50
0.2 ha and under 0.5 ha	374	0.2	50	0.2	125				574	449
0.5 ha and under 1 ha	175	0.2	25	0.1	125	25	0.1	75	225	125
1 ha and under 2 ha										
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	624	0.4	75	0.3	250	25	0.1	75	898	699

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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	923	1.0	50	0.1	125	50	0.9	499	1,223	299
under 0.1 ha										
0.1 ha and under 0.2 ha	25								25	
0.2 ha and under 0.5 ha	449	0.1	25	0.0	75	25	0.0	125	649	75
0.5 ha and under 1 ha	374	0.1	25	0.1	50				449	225
1 ha and under 2 ha	75	0.9				25	0.9	374	100	
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	923	1.0	50	0.1	125	50	0.9	499	1,223	299

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

Total area of holding	Mango									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	1,972	1.8	175	1.2	324	100	0.7	849	3,194	2,895
under 0.1 ha										
0.1 ha and under 0.2 ha	250	0.1	25	0.1	25				374	200
0.2 ha and under 0.5 ha	774	1.1	75	0.7	75	75	0.4	774	849	1,423
0.5 ha and under 1 ha	873	0.6	75	0.4	225	25	0.2	75	1,797	923
1 ha and under 2 ha	50								175	299
2 ha and under 3 ha	25									50
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	1,972	1.8	175	1.2	324	100	0.7	849	3,194	2,895

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

Total area of holding	Banana									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	6,988	26.4	1,472	18.5	13,801	1,023	7.9	18,243	30,796	33,816
under 0.1 ha	175	0.6	50	0.2	200	50	0.4	873	499	474
0.1 ha and under 0.2 ha	749	0.4	50	0.3	175	25	0.1	250	2,845	3,619
0.2 ha and under 0.5 ha	3,644	12.0	799	7.6	6,064	574	4.4	12,403	17,095	16,097
0.5 ha and under 1 ha	1,922	7.5	449	5.9	5,640	299	1.6	4,367	7,587	8,735
1 ha and under 2 ha	474	5.3	100	3.9	973	75	1.4	349	2,770	4,891
2 ha and under 3 ha	25	0.6	25	0.6	749					
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	6,988	26.4	1,472	18.5	13,801	1,023	7.9	18,243	30,796	33,816

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

Total area of holding	Guava									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	1,697	2.3	150	2.3	1,947			7,462	3,169	
under 0.1 ha	75							150	50	
0.1 ha and under 0.2 ha	250	0.5	25	0.5	374			374	424	
0.2 ha and under 0.5 ha	873	1.8	125	1.8	1,572			5,565	2,396	
0.5 ha and under 1 ha	449							1,298	299	
1 ha and under 2 ha	50							75		
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	1,697	2.3	150	2.3	1,947			7,462	3,169	

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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	474							474	125	
under 0.1 ha										
0.1 ha and under 0.2 ha	25							25		
0.2 ha and under 0.5 ha	125							175		
0.5 ha and under 1 ha	275							250	100	
1 ha and under 2 ha	50							25	25	
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	474							474	125	

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RUKUM

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	25	0.3			25	0.3
under 0.1 ha						
0.1 ha and under 0.2 ha						
0.2 ha and under 0.5 ha	25	0.3			25	0.3
0.5 ha and under 1 ha						
1 ha and under 2 ha						
2 ha and under 3 ha						
3 ha and under 4 ha						
4 ha and under 5 ha						
5 ha and under 10 ha						
10 ha and over						
Total	25	0.3			25	0.3

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

Total area of holding	Lychee									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	100							324	150	
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	50							275	125	
0.5 ha and under 1 ha	25							50		
1 ha and under 2 ha	25								25	
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	100							324	150	

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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	724	3.5	225	3.2	2,446	100	0.4	824	3,369	1,747
under 0.1 ha										
0.1 ha and under 0.2 ha	50								75	50
0.2 ha and under 0.5 ha	474	2.0	150	1.6	1,497	100	0.4	824	2,021	749
0.5 ha and under 1 ha	175	1.5	75	1.5	948				1,123	873
1 ha and under 2 ha	25								150	75
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	724	3.5	225	3.2	2,446	100	0.4	824	3,369	1,747

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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	399	0.7	50	0.3	299	50	0.4	399	499	75
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	200	0.7	50	0.3	299	50	0.4	399	250	50
0.5 ha and under 1 ha	200								250	25
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	399	0.7	50	0.3	299	50	0.4	399	499	75

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

Total area of holding	Peach									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	3,943	4.2	524	3.3	1,747	75	1.0	973	6,064	2,620
under 0.1 ha	75	0.1	25	0.0	100	25	0.0	75	50	
0.1 ha and under 0.2 ha	424	0.0	25	0.0	25				524	449
0.2 ha and under 0.5 ha	1,972	0.9	175	0.9	324				3,494	1,223
0.5 ha and under 1 ha	1,298	3.1	275	2.1	1,248	50	1.0	898	1,747	873
1 ha and under 2 ha	175	0.2	25	0.2	50				250	75
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	3,943	4.2	524	3.3	1,747	75	1.0	973	6,064	2,620

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

Total area of holding	Papaya									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	2,720	1.4	250	1.4	1,148			4,667	1,298	
under 0.1 ha	50							100		
0.1 ha and under 0.2 ha	449	0.1	50	0.1	100			574	399	
0.2 ha and under 0.5 ha	1,447	1.3	200	1.3	1,048			2,620	499	
0.5 ha and under 1 ha	649							1,148	399	
1 ha and under 2 ha	100							175		
2 ha and under 3 ha	25							50		
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	2,720	1.4	250	1.4	1,148			4,667	1,298	

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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	125	0.2	25	0.2	50				125	
under 0.1 ha										
0.1 ha and under 0.2 ha	25								25	
0.2 ha and under 0.5 ha	50	0.2	25	0.2	50				25	
0.5 ha and under 1 ha	25								50	
1 ha and under 2 ha	25								25	
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	125	0.2	25	0.2	50				125	

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

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

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

Total area of holding	Walnut									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	849	1.3	250	1.3	1,373			1,173	749	
under 0.1 ha										
0.1 ha and under 0.2 ha	25							25		
0.2 ha and under 0.5 ha	474	0.2	100	0.2	250			724	424	
0.5 ha and under 1 ha	250	0.8	75	0.8	948			374	299	
1 ha and under 2 ha	100	0.3	75	0.3	175			50	25	
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	849	1.3	250	1.3	1,373			1,173	749	

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

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

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

Total area of holding	Other fruits									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	474	0.9	100	0.8	399	25	0.1	75	499	200
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	175	0.2	25	0.1	25	25	0.1	75	275	25
0.5 ha and under 1 ha	299	0.7	75	0.7	374				225	175
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	474	0.9	100	0.8	399	25	0.1	75	499	200

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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	100	0.6				25	0.6	873	374	
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	50	0.6				25	0.6	873	100	
0.5 ha and under 1 ha	50								275	
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	100	0.6				25	0.6	873	374	

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

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

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

Total area of holding	Broom-Grass (Amriso)		Thatch		Bamboo	
	Number of holdings	Area (ha)	Number of holdings	Area (ha)	Number of holdings	Area (ha)
Holding without land						
Holding with land	125	3.5	8,884	1,309.6	774	18.2
Under 0.1 ha			25	0.3		
0.1 ha and under 0.2 ha	50	1.4	549	20.3	50	0.6
0.2 ha and under 0.5 ha	50	1.0	4,742	385.8	399	6.6
0.5 ha and under 1 ha	25	1.1	2,571	448.2	324	11.1
1 ha and under 2 ha			898	328.0		
2 ha and under 3 ha			75	59.7		
3 ha and under 4 ha						
4 ha and under 5 ha			25	67.3		
5 ha and under 10 ha						
10 ha and over						
Total	125	3.5	8,884	1,309.6	774	18.2

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

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

Total area of holding	Fodder Tree			Multi-year grass crops		
	Number of holdings	Compact plantation		Number of scattered trees	Number of holdings	Area (ha)
		Area (ha)	Number of Trees			
Holding without land						
Holding with land	18,293	682.5	1,158,999	335,289	4,792	1,178.3
Under 0.1 ha	374	1.5	2,995	4,367	75	1.5
0.1 ha and under 0.2 ha	2,146	10.1	14,100	25,980	225	5.8
0.2 ha and under 0.5 ha	8,610	123.7	198,703	148,316	1,997	134.1
0.5 ha and under 1 ha	5,191	206.5	326,255	110,956	1,323	256.0
1 ha and under 2 ha	1,647	226.4	385,601	43,624	873	470.0
2 ha and under 3 ha	250	73.6	126,529	1,298	200	154.9
3 ha and under 4 ha	50	25.4	27,452	749	100	156.2
4 ha and under 5 ha	25	15.2	77,365			
5 ha and under 10 ha						
10 ha and over						
Total	18,293	682.5	1,158,999	335,289	4,792	1,178.3

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

Total area of holding	Total		Paddy												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with mineral/ chemical fertilizers and quantity used	
				No. of holdings using				No. of holdings using	No. of holdings using			No. of holdings using			Area (ha)
				Local seeds	Improved seeds	Hybrid seeds	Local fertilizers		Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both		
Holding without land	50	0.3													
Holding with land	37,709	21,374.9	12,378	10,182	2,071	125	200	3,045	799	5,840	2,995	399	749	1,222.5	4,790
under 0.1 ha	973	66.8	150	125	25			25		125	50		25	5.9	2
0.1 ha and under 0.2 ha	4,093	613.8	1,023	749	250	25		125	75	574	225	25	75	47.7	399
0.2 ha and under 0.5 ha	17,420	6,009.2	5,490	4,417	1,073		125	1,273	399	2,695	1,173	250	349	383.4	1,326
0.5 ha and under 1 ha	10,332	7,045.2	3,943	3,219	649	75	75	1,148	275	1,747	998	75	200	457.3	2,392
1 ha and under 2 ha	4,068	5,560.4	1,447	1,373	50	25		399	50	549	474	50	75	205.3	136
2 ha and under 3 ha	674	1,548.0	275	250	25			75		150	50			112.8	531
3 ha and under 4 ha	125	422.0	50	50							25		25	10.2	4
4 ha and under 5 ha	25	109.7													
5 ha and under 10 ha															
10 ha and over															
Total	37,759	21,375.2	12,378	10,182	2,071	125	200	3,045	799	5,840	2,995	399	749	1,222.5	4,790

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

Total area of holding	Total		Maize												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with mineral/ chemical fertilizer and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using			Area (ha)	Quantity (Qtl.)
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both		
Holding without land	50	0.3													
Holding with land	37,709	21,374.9	36,586	33,541	2,645	399	549	5,091	50	774	30,347	100	2,870	724.2	1,169
under 0.1 ha	973	66.8	849	849				100		25	649		100	5.2	59
0.1 ha and under 0.2 ha	4,093	613.8	3,719	3,394	200	125		324		150	2,920		474	37.8	195
0.2 ha and under 0.5 ha	17,420	6,009.2	17,070	15,074	1,822	175	324	2,446		200	14,500	50	898	221.3	288
0.5 ha and under 1 ha	10,332	7,045.2	10,132	9,508	524	100	175	1,672	25	324	8,335	50	774	237.0	448
1 ha and under 2 ha	4,068	5,560.4	3,993	3,918	75		50	524		75	3,244		524	180.9	153
2 ha and under 3 ha	674	1,548.0	674	649	25			25	25		549		100	42.0	26
3 ha and under 4 ha	125	422.0	125	125							125				
4 ha and under 5 ha	25	109.7	25	25							25				
5 ha and under 10 ha															
10 ha and over															
Total	37,759	21,375.2	36,586	33,541	2,645	399	549	5,091	50	774	30,347	100	2,870	724.2	1,169

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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	50	0.3	25	25							25				
Holding with land	37,709	21,374.9	34,515	30,621	3,893		749	6,139	75	3,319	26,554	75	2,670	1,159.6	2,334
under 0.1 ha	973	66.8	873	799	75			100		125	599		125	8.5	18
0.1 ha and under 0.2 ha	4,093	613.8	3,619	3,219	399		100	424	75	374	2,695		324	51.6	329
0.2 ha and under 0.5 ha	17,420	6,009.2	15,872	13,501	2,371		374	3,145		1,123	12,753	50	948	273.3	478
0.5 ha and under 1 ha	10,332	7,045.2	9,384	8,560	824		200	1,922		1,098	6,913	25	674	463.2	1,286
1 ha and under 2 ha	4,068	5,560.4	3,943	3,719	225		75	499		449	2,920		524	244.5	176
2 ha and under 3 ha	674	1,548.0	674	674				50		150	524		75	118.5	47
3 ha and under 4 ha	125	422.0	125	125							125				
4 ha and under 5 ha	25	109.7	25	25							25				
5 ha and under 10 ha															
10 ha and over															
Total	37,759	21,375.2	34,540	30,646	3,893		749	6,139	75	3,319	26,579	75	2,670	1,159.6	2,334

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RUKUM

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

Total area of holding	Total		Potato												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with mineral/ chemical fertilizer and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using			Area (ha)	Quantity (Qtl.)
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical fertilizers	Both	Local fertilizers	Mineral/chemical fertilizers	Both		
Holding without land	50	0.3													
Holding with land	37,709	21,374.9	10,407	9,583	824	324	1,847	574	7,986	774	64.9	153			
under 0.1 ha	973	66.8	175	175				25	125	25	0.4	3			
0.1 ha and under 0.2 ha	4,093	613.8	873	699	175		150	25	599	150	3.6	6			
0.2 ha and under 0.5 ha	17,420	6,009.2	4,891	4,567	324	250	873	150	4,043	275	11.5	29			
0.5 ha and under 1 ha	10,332	7,045.2	3,219	3,020	200	75	624	225	2,421	150	10.5	81			
1 ha and under 2 ha	4,068	5,560.4	1,023	923	100		175	125	649	150	17.4	7			
2 ha and under 3 ha	674	1,548.0	200	175	25		25	25	125	25	21.6	26			
3 ha and under 4 ha	125	422.0													
4 ha and under 5 ha	25	109.7	25	25					25						
5 ha and under 10 ha															
10 ha and over															
Total	37,759	21,375.2	10,407	9,583	824	324	1,847	574	7,986	774	64.9	153			

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RUKUM

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

Total area of holding	Total		Sugarcane												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with chemical/mineral fertilizer and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using			Area (ha)	Quantity (Qtl.)
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical fertilizers	Both	Local fertilizers	Mineral/chemical fertilizers	Both		
Holding without land	50	0.3													
Holding with land	37,709	21,374.9	674	649	25		50	125				674			
under 0.1 ha	973	66.8													
0.1 ha and under 0.2 ha	4,093	613.8	75	75								75			
0.2 ha and under 0.5 ha	17,420	6,009.2	349	349			25	50				349			
0.5 ha and under 1 ha	10,332	7,045.2	175	175				50				175			
1 ha and under 2 ha	4,068	5,560.4	75	50	25		25	25				75			
2 ha and under 3 ha	674	1,548.0													
3 ha and under 4 ha	125	422.0													
4 ha and under 5 ha	25	109.7													
5 ha and under 10 ha															
10 ha and over															
Total	37,759	21,375.2	674	649	25		50	125				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			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	50	0.3													
Holding with land	37,709	21,374.9	18,867	17,469	1,398	474	2,820		374	16,746		25	37.7	54	
under 0.1 ha	973	66.8	299	275	25		50			275					
0.1 ha and under 0.2 ha	4,093	613.8	2,171	2,046	125	25	324			1,922		25	1.3	0	
0.2 ha and under 0.5 ha	17,420	6,009.2	8,535	7,687	849	324	1,273		125	7,662			6.0	10	
0.5 ha and under 1 ha	10,332	7,045.2	5,640	5,440	200	50	824		125	5,016			23.9	40	
1 ha and under 2 ha	4,068	5,560.4	1,947	1,797	150	75	299		100	1,647			4.0	2	
2 ha and under 3 ha	674	1,548.0	275	225	50		50		25	225			2.5	1	
3 ha and under 4 ha	125	422.0													
4 ha and under 5 ha	25	109.7													
5 ha and under 10 ha															
10 ha and over															
Total	37,759	21,375.2	18,867	17,469	1,398	474	2,820		374	16,746		25	37.7	54	

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RUKUM

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

Total area of holding	Total		Other crops												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with mineral/ chemical fertilizer and quantity used	
				No. of holdings using				No. of holdings using	No. of holdings using			No. of holdings using			Area (ha)
				Local seeds	Improved seeds	Hybrid seeds	Local fertilizers		Mineral/ chemical fertilizers	Both	Local fertilizers	Mineral/ chemical fertilizers	Both		
Holding without land	50	0.3													
Holding with land	37,709	21,374.9	26,404	26,104	299	399	5,440				23,334	25	75	10.3	34
under 0.1 ha	973	66.8	624	624			175				474				
0.1 ha and under 0.2 ha	4,093	613.8	2,446	2,446			549				1,972	25	50	3.9	25
0.2 ha and under 0.5 ha	17,420	6,009.2	12,079	11,829	250	200	2,546				10,706				
0.5 ha and under 1 ha	10,332	7,045.2	7,886	7,861	25	150	1,597				7,038		25	6.3	9
1 ha and under 2 ha	4,068	5,560.4	2,820	2,795	25	25	499				2,620				
2 ha and under 3 ha	674	1,548.0	424	424		25	75				399				
3 ha and under 4 ha	125	422.0	125	125							125				
4 ha and under 5 ha	25	109.7													
5 ha and under 10 ha															
10 ha and over															
Total	37,759	21,375.2	26,404	26,104	299	399	5,440				23,334	25	75	10.3	34

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RUKUM

Table 9. Number of holdings reporting different type of livestocks 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	25	178							24	49	28	128
Holding with land	34,603	269,976	26,916	83,607	15	37	21,562	41,370	22,315	98,342	7,389	37,213
Under 0.1 ha	615	3,722	356	806			247	339	439	2,192	221	385
0.1 ha and under 0.2 ha	3,419	16,925	2,067	5,405			1,702	2,416	1,978	6,921	800	2,085
0.2 ha and under 0.5 ha	16,183	106,657	12,377	35,249	15	37	10,041	17,027	9,790	37,829	3,309	12,639
0.5 ha and under 1 ha	9,690	94,590	8,077	26,526			6,192	12,714	6,592	31,475	2,178	19,633
1 ha and under 2 ha	3,910	36,733	3,350	12,635			2,689	6,481	2,905	14,728	634	1,796
2 ha and under 3 ha	664	8,065	570	2,394			567	1,874	513	3,152	193	545
3 ha and under 4 ha	98	2,372	95	427			99	361	73	1,552	28	32
4 ha and under 5 ha	25	913	24	166			25	158	24	493	28	96
5 ha and under 10 ha												
10 ha and over												
Total	34,628	270,154	26,916	83,607	15	37	21,562	41,370	22,339	98,391	7,417	37,341

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RUKUM

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

Total area of holding	Livestock									
	Pig		Horse		Mules and Asses		Rabbit		Other	
	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads
Holding without land										
Holding with land	3,496	8,759	250	324			75	150	150	175
Under 0.1 ha										
0.1 ha and under 0.2 ha	99	98								
0.2 ha and under 0.5 ha	1,517	3,576	100	100			50	50	125	150
0.5 ha and under 1 ha	1,418	4,068	50	50			25	100	25	25
1 ha and under 2 ha	396	919	100	175						
2 ha and under 3 ha	66	98								
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	3,496	8,759	250	324			75	150	150	175

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RUKUM

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

Total area of holding	Cattle												
	All ages				Under one year								
	No. of holdings	Number of heads			Number of heads			Number of heads			Number of heads		
		Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land													
Holding with land	26,916	83,607	83,488	119	7,254	7,230	24	3,888	3,888		3,366	3,342	24
under 0.1 ha	356	806	806										
0.1 ha and under 0.2 ha	2,067	5,405	5,405		474	474		261	261		213	213	
0.2 ha and under 0.5 ha	12,377	35,249	35,249		2,631	2,631		1,470	1,470		1,162	1,162	
0.5 ha and under 1 ha	8,077	26,526	26,526		2,608	2,608		1,399	1,399		1,209	1,209	
1 ha and under 2 ha	3,350	12,635	12,516	119	1,327	1,304	24	664	664		664	640	24
2 ha and under 3 ha	570	2,394	2,394		166	166		71	71		95	95	
3 ha and under 4 ha	95	427	427		47	47		24	24		24	24	
4 ha and under 5 ha	24	166	166										
5 ha and under 10 ha													
10 ha and over													
Total	26,916	83,607	83,488	119	7,254	7,230	24	3,888	3,888		3,366	3,342	24

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RUKUM

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

Total area of holding	Cattle								
	One to three years								
	Total			Male			Female		
	Number of heads			Number of heads			Number of heads		
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land									
Holding with land	7,135	7,135		3,793	3,793		3,342	3,342	
under 0.1 ha	119	119		24	24		95	95	
0.1 ha and under 0.2 ha	450	450		261	261		190	190	
0.2 ha and under 0.5 ha	2,418	2,418		1,304	1,304		1,114	1,114	
0.5 ha and under 1 ha	2,442	2,442		1,162	1,162		1,280	1,280	
1 ha and under 2 ha	1,351	1,351		806	806		545	545	
2 ha and under 3 ha	284	284		166	166		119	119	
3 ha and under 4 ha	71	71		71	71				
4 ha and under 5 ha									
5 ha and under 10 ha									
10 ha and over									
Total	7,135	7,135		3,793	3,793		3,342	3,342	

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RUKUM

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

Total area of holding	Cattle											
	Three years and over											
	Total			Male			Female					
	Number of heads			Number of heads			Cows			Cows in milk		
	Total	Local	Improved	Total	Local	Improved	Number of heads			Number of heads		
						Total	Local	Improved	Total	Local	Improved	
Holding without land												
Holding with land	69,218	69,123	95	48,050	48,002	47	7,396	7,396		13,773	13,725	47
Under 0.1 ha	687	687		498	498		24	24		166	166	
0.1 ha and Under 0.2 ha	4,480	4,480		3,295	3,295		332	332		853	853	
0.2 ha and Under 0.5 ha	30,200	30,200		21,714	21,714		2,608	2,608		5,879	5,879	
0.5 ha and Under 1 ha	21,477	21,477		14,934	14,934		2,418	2,418		4,125	4,125	
1 ha and Under 2 ha	9,956	9,861	95	6,282	6,234	47	1,565	1,565		2,110	2,062	47
2 ha and Under 3 ha	1,944	1,944		1,019	1,019		379	379		545	545	
3 ha and Under 4 ha	308	308		166	166		71	71		71	71	
4 ha and Under 5 ha	166	166		142	142					24	24	
5 ha and Under 10 ha												
10 ha and over												
Total	69,218	69,123	95	48,050	48,002	47	7,396	7,396		13,773	13,725	47

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

Total area of holding	Yak/Nak/Chauri											
	All ages		Under one year			One to three year			Three years and over			
	No. of holdings	No. of heads	Total	Male	Female	Total	Male	Female	Total	Male	Female	
			No. of heads	No. of heads	No. of heads	No. of heads	No. of heads	No. of heads	No. of heads	No. of heads	No. of heads	Nak/Chauri No. of heads
Holding without land												
Holding with land	15	37	11	7	4	7	4	4	19	7	7	4
under 0.1 ha												
0.1 ha and under 0.2 ha												
0.2 ha and under 0.5 ha	15	37	11	7	4	7	4	4	19	7	7	4
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	15	37	11	7	4	7	4	4	19	7	7	4

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

Total area of holding	Buffalo												
	All ages			Under one year									
	No. of holdings	Number of heads			Number of heads			Male			Female		
		Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land													
Holding with land	21,562	41,370	41,325	45	9,259	9,236	23	3,749	3,749		5,510	5,487	23
under 0.1 ha	247	339	339		45	45		23	23		23	23	
0.1 ha and under 0.2 ha	1,702	2,416	2,416		474	474		203	203		271	271	
0.2 ha and under 0.5 ha	10,041	17,027	16,982	45	3,862	3,839	23	1,400	1,400		2,461	2,439	23
0.5 ha and under 1 ha	6,192	12,714	12,714		2,597	2,597		1,084	1,084		1,513	1,513	
1 ha and under 2 ha	2,689	6,481	6,481		1,400	1,400		429	429		971	971	
2 ha and under 3 ha	567	1,874	1,874		723	723		587	587		135	135	
3 ha and under 4 ha	99	361	361		90	90		23	23		68	68	
4 ha and under 5 ha	25	158	158		68	68					68	68	
5 ha and under 10 ha													
10 ha and over													
Total	21,562	41,370	41,325	45	9,259	9,236	23	3,749	3,749		5,510	5,487	23

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

Total area of holding	Buffalo								
	One to three years								
	Total			Male			Female		
	Number of heads			Number of heads			Number of heads		
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land									
Holding with land	5,374	5,374		1,400	1,400		3,974	3,974	
under 0.1 ha	113	113					113	113	
0.1 ha and under 0.2 ha	316	316		45	45		271	271	
0.2 ha and under 0.5 ha	1,648	1,648		474	474		1,174	1,174	
0.5 ha and under 1 ha	2,010	2,010		565	565		1,445	1,445	
1 ha and under 2 ha	994	994		248	248		745	745	
2 ha and under 3 ha	271	271		68	68		203	203	
3 ha and under 4 ha	23	23					23	23	
4 ha and under 5 ha									
5 ha and under 10 ha									
10 ha and over									
Total	5,374	5,374		1,400	1,400		3,974	3,974	

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

Total area of holding	Buffalo											
	Three years and over											
	Total			Male			Female					
	Number of heads			Number of heads			Buffalo			Buffalo in milk		
	Total	Local	Improved	Total	Local	Improved	Number of head			Number of head		
							Total	Local	Improved	Total	Local	Improved
Holding without land												
Holding with land	26,737	26,714	23	2,010	2,010		14,475	14,452	23	10,252	10,252	
Under 0.1 ha	181	181		45	45		68	68		68	68	
0.1 ha and Under 0.2 ha	1,626	1,626		90	90		881	881		655	655	
0.2 ha and Under 0.5 ha	11,517	11,494	23	813	813		6,097	6,075	23	4,607	4,607	
0.5 ha and Under 1 ha	8,107	8,107		519	519		4,403	4,403		3,184	3,184	
1 ha and Under 2 ha	4,087	4,087		429	429		2,213	2,213		1,445	1,445	
2 ha and Under 3 ha	881	881		90	90		519	519		271	271	
3 ha and Under 4 ha	248	248					226	226		23	23	
4 ha and Under 5 ha	90	90		23	23		68	68				
5 ha and Under 10 ha												
10 ha and over												
Total	26,737	26,714	23	2,010	2,010		14,475	14,452	23	10,252	10,252	

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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	24	49	49										
Holding with land	22,315	98,342	97,406	936	28,618	28,495	123	14,531	14,506	25	14,088	13,989	99
Under 0.1 ha	439	2,192	1,946	246	640	566	74	345	320	25	296	246	49
0.1 ha and Under 0.2 ha	1,978	6,921	6,871	49	1,773	1,773		1,059	1,059		714	714	
0.2 ha and Under 0.5 ha	9,790	37,829	37,682	148	10,738	10,738		5,344	5,344		5,394	5,394	
0.5 ha and Under 1 ha	6,592	31,475	31,081	394	9,211	9,186	25	4,704	4,704		4,507	4,482	25
1 ha and Under 2 ha	2,905	14,728	14,629	99	4,556	4,532	25	2,364	2,364		2,192	2,167	25
2 ha and Under 3 ha	513	3,152	3,152		961	961		394	394		566	566	
3 ha and Under 4 ha	73	1,552	1,552		493	493		222	222		271	271	
4 ha and Under 5 ha	24	493	493		246	246		99	99		148	148	
5 ha and Under 10 ha													
10 ha and over													
Total	22,339	98,391	97,455	936	28,618	28,495	123	14,531	14,506	25	14,088	13,989	99

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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	49	49					49	49	
Holding with land	69,723	68,911	813	16,994	16,501	493	52,730	52,410	320
Under 0.1 ha	1,552	1,379	172	345	271	74	1,207	1,108	99
0.1 ha and Under 0.2 ha	5,147	5,098	49	1,330	1,305	25	3,817	3,793	25
0.2 ha and Under 0.5 ha	27,091	26,944	148	6,231	6,133	99	20,860	20,811	49
0.5 ha and Under 1 ha	22,264	21,895	369	6,157	5,911	246	16,107	15,984	123
1 ha and Under 2 ha	10,172	10,098	74	2,118	2,069	49	8,054	8,029	25
2 ha and Under 3 ha	2,192	2,192		542	542		1,650	1,650	
3 ha and Under 4 ha	1,059	1,059		197	197		862	862	
4 ha and Under 5 ha	246	246		74	74		172	172	
5 ha and Under 10 ha									
10 ha and over									
Total	69,773	68,960	813	16,994	16,501	493	52,779	52,459	320

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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	28	128	128		64	64		64	64				
Holding with land	7,389	37,213	37,213		11,966	11,966		6,095	6,095		5,871	5,871	
Under 0.1 ha	221	385	385		32	32		32	32				
0.1 ha and Under 0.2 ha	800	2,085	2,085		321	321		192	192		128	128	
0.2 ha and Under 0.5 ha	3,309	12,639	12,639		4,491	4,491		2,246	2,246		2,246	2,246	
0.5 ha and Under 1 ha	2,178	19,633	19,633		6,576	6,576		3,368	3,368		3,208	3,208	
1 ha and Under 2 ha	634	1,796	1,796		385	385		160	160		225	225	
2 ha and Under 3 ha	193	545	545		160	160		96	96		64	64	
3 ha and Under 4 ha	28	32	32										
4 ha and Under 5 ha	28	96	96										
5 ha and Under 10 ha													
10 ha and over													
Total	7,417	37,341	37,341		12,030	12,030		6,159	6,159		5,871	5,871	

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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	64	64		64	64				
Holding with land	25,247	25,247		6,576	6,576		18,671	18,671	
Under 0.1 ha	353	353		128	128		225	225	
0.1 ha and Under 0.2 ha	1,764	1,764		577	577		1,187	1,187	
0.2 ha and Under 0.5 ha	8,148	8,148		1,829	1,829		6,320	6,320	
0.5 ha and Under 1 ha	13,057	13,057		3,529	3,529		9,528	9,528	
1 ha and Under 2 ha	1,412	1,412		449	449		962	962	
2 ha and Under 3 ha	385	385		32	32		353	353	
3 ha and Under 4 ha	32	32					32	32	
4 ha and Under 5 ha	96	96		32	32		64	64	
5 ha and Under 10 ha									
10 ha and over									
Total	25,311	25,311		6,641	6,641		18,671	18,671	

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

Total area of holding	Pig									
	No. of holdings	Total			Under six months			Six months and over		
		Number of heads			Number of heads			Number of heads		
		Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land										
Holding with land	3,496	8,759	8,759	5,314	5,314		3,445	3,445		
Under 0.1 ha										
0.1 ha and Under 0.2 ha	99	98	98	33	33		66	66		
0.2 ha and Under 0.5 ha	1,517	3,576	3,576	2,198	2,198		1,378	1,378		
0.5 ha and Under 1 ha	1,418	4,068	4,068	2,559	2,559		1,509	1,509		
1 ha and Under 2 ha	396	919	919	492	492		426	426		
2 ha and Under 3 ha	66	98	98	33	33		66	66		
3 ha and Under 4 ha										
4 ha and Under 5 ha										
5 ha and Under 10 ha										
10 ha and over										
Total	3,496	8,759	8,759	5,314	5,314		3,445	3,445		

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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	25	150	25	150	100	25	25						
Holding with land	28,226	204,867	28,151	200,949	107,462	35,413	24,083	33,991	649	3,918	2,296	1,622	
Under 0.1 ha	624	3,219	624	3,219	1,972	474	324	449					
0.1 ha and Under 0.2 ha	2,995	17,195	2,995	17,145	9,334	2,645	1,922	3,244	25	50	50		
0.2 ha and Under 0.5 ha	13,377	88,271	13,327	86,025	44,996	13,601	11,954	15,473	250	2,246	1,697	549	
0.5 ha and Under 1 ha	7,412	57,050	7,387	56,576	31,021	10,032	6,164	9,359	250	474	424	50	
1 ha and Under 2 ha	3,120	31,220	3,120	30,072	16,222	6,564	2,795	4,492	125	1,148	125	1,023	
2 ha and Under 3 ha	574	5,815	574	5,815	2,895	1,472	699	749					
3 ha and Under 4 ha	100	1,872	100	1,872	923	549	175	225					
4 ha and Under 5 ha	25	225	25	225	100	75	50						
5 ha and Under 10 ha													
10 ha and over													
Total	28,251	205,017	28,176	201,098	107,562	35,438	24,108	33,991	649	3,918	2,296	1,622	

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Table 11. Number of holdings reporting different type of birds by area of holding

Total area of holding	Other birds					
	Duck		Pigeon		Others	
	No. of holdings	No. of birds	No. of holdings	No. of birds	No. of holdings	No. of birds
Holding without land						
Holding with land	125	299	225	449	125	225
Under 0.1 ha					25	50
0.1 ha and Under 0.2 ha					25	25
0.2 ha and Under 0.5 ha	50	100	75	175	50	100
0.5 ha and Under 1 ha	25	50	75	125		
1 ha and Under 2 ha	50	150	75	150		
2 ha and Under 3 ha					25	50
3 ha and Under 4 ha						
4 ha and Under 5 ha						
5 ha and Under 10 ha						
10 ha and over						
Total	125	299	225	449	125	225

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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	50	0.3											
Holding with land	37,709	21,374.9	1,897						25	125		324	225
Under 0.1 ha	973	66.8	50										50
0.1 ha and Under 0.2 ha	4,093	613.8	275									25	50
0.2 ha and Under 0.5 ha	17,420	6,009.2	549						25	75		250	100
0.5 ha and Under 1 ha	10,332	7,045.2	873							50		50	25
1 ha and Under 2 ha	4,068	5,560.4	150										
2 ha and Under 3 ha	674	1,548.0											
3 ha and Under 4 ha	125	422.0											
4 ha and Under 5 ha	25	109.7											
5 ha and Under 10 ha													
10 ha and over													
Total	37,759	21,375.2	1,897						25	125		324	225

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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	50	0.3													
Holding with land	37,709	21,374.9	1,572	1,797	1,772	25									
Under 0.1 ha	973	66.8	25	25	25										
0.1 ha and Under 0.2 ha	4,093	613.8	200	200	175	25									
0.2 ha and Under 0.5 ha	17,420	6,009.2	474	499	499										
0.5 ha and Under 1 ha	10,332	7,045.2	724	824	824										
1 ha and Under 2 ha	4,068	5,560.4	150	250	250										
2 ha and Under 3 ha	674	1,548.0													
3 ha and Under 4 ha	125	422.0													
4 ha and Under 5 ha	25	109.7													
5 ha and Under 10 ha															
10 ha and over															
Total	37,759	21,375.2	1,572	1,797	1,772	25									

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

Total area of holding	Number by source (On the day of enumeration)											
	Shallow tube well						Deep tube well					
	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others
Holding without land												
Holding with land												
Under 0.1 ha												
0.1 ha and Under 0.2 ha												
0.2 ha and Under 0.5 ha												
0.5 ha and Under 1 ha												
1 ha and Under 2 ha												
2 ha and Under 3 ha												
3 ha and Under 4 ha												
4 ha and Under 5 ha												
5 ha and Under 10 ha												
10 ha and over												
Total												

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

Total area of holding	Number by source (On the day of enumeration)											
	Rower pump/Dhiki pump						Tractor					
	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others
Holding without land												
Holding with land												
Under 0.1 ha												
0.1 ha and Under 0.2 ha												
0.2 ha and Under 0.5 ha												
0.5 ha and Under 1 ha												
1 ha and Under 2 ha												
2 ha and Under 3 ha												
3 ha and Under 4 ha												
4 ha and Under 5 ha												
5 ha and Under 10 ha												
10 ha and over												
Total												

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

Total area of holding	Number by source (On the day of enumeration)											
	Thresher						Pumping set/ Motor					
	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others
Holding without land												
Holding with land	25	25		25			100	100	75	25		
Under 0.1 ha												
0.1 ha and Under 0.2 ha												
0.2 ha and Under 0.5 ha	25	25		25			50	50	50			
0.5 ha and Under 1 ha							50	50	25	25		
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	25	25		25			100	100	75	25		

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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							250	250	200	50			
Under 0.1 ha													
0.1 ha and Under 0.2 ha													
0.2 ha and Under 0.5 ha							200	200	150	50			
0.5 ha and Under 1 ha							50	50	50				
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							250	250	200	50			

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

Total area of holding	Number by source (On the day of enumeration)					
	Other equipment					
	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others
Holding without land						
Holding with land	125	125	125			
Under 0.1 ha	25	25	25			
0.1 ha and Under 0.2 ha	25	25	25			
0.2 ha and Under 0.5 ha	50	50	50			
0.5 ha and Under 1 ha	25	25	25			
1 ha and Under 2 ha						
2 ha and Under 3 ha						
3 ha and Under 4 ha						
4 ha and Under 5 ha						
5 ha and Under 10 ha						
10 ha and over						
Total	125	125	125			

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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	25	25	25							
Holding with land	4,317	4,642	4,567	50	25	50	50	50		
Under 0.1 ha										
0.1 ha and Under 0.2 ha	100	125	125							
0.2 ha and Under 0.5 ha	1,672	1,772	1,747	25		50	50	50		
0.5 ha and Under 1 ha	1,398	1,497	1,447	25	25					
1 ha and Under 2 ha	948	1,023	1,023							
2 ha and Under 3 ha	175	175	175							
3 ha and Under 4 ha	25	50	50							
4 ha and Under 5 ha										
5 ha and Under 10 ha										
10 ha and over										
Total	4,342	4,667	4,592	50	25	50	50	50		

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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	25	25	25							
Holding with land	1,298	1,323	1,298		25	100	125	125		
Under 0.1 ha										
0.1 ha and Under 0.2 ha	25	25	25							
0.2 ha and Under 0.5 ha	524	524	524			25	25	25		
0.5 ha and Under 1 ha	374	399	399							
1 ha and Under 2 ha	250	250	225		25	25	25	25		
2 ha and Under 3 ha	75	75	75			25	25	25		
3 ha and Under 4 ha	50	50	50							
4 ha and Under 5 ha						25	50	50		
5 ha and Under 10 ha										
10 ha and over										
Total	1,323	1,348	1,323		25	100	125	125		

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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	50	0.3					
Holding with land	37,709	21,374.9	8,510	4,567	481.7	566,709	206,913
Under 0.1 ha	973	66.8	125	50	0.9	1,747	898
0.1 ha and Under 0.2 ha	4,093	613.8	724	200	8.4	7,537	28,176
0.2 ha and Under 0.5 ha	17,420	6,009.2	4,268	2,271	154.2	210,332	83,554
0.5 ha and Under 1 ha	10,332	7,045.2	2,670	1,497	187.4	213,103	87,098
1 ha and Under 2 ha	4,068	5,560.4	649	524	115.5	109,034	7,013
2 ha and Under 3 ha	674	1,548.0	25				25
3 ha and Under 4 ha	125	422.0	50	25	15.2	24,956	150
4 ha and Under 5 ha	25	109.7					
5 ha and Under 10 ha							
10 ha and over							
Total	37,759	21,375.2	8,510	4,567	481.7	566,709	206,913

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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	50	0.3					
Holding with land	37,709	21,374.9	8,510	7,911	200	399	
Under 0.1 ha	973	66.8	125	125			
0.1 ha and Under 0.2 ha	4,093	613.8	724	649	25	50	
0.2 ha and Under 0.5 ha	17,420	6,009.2	4,268	3,968	125	175	
0.5 ha and Under 1 ha	10,332	7,045.2	2,670	2,521	50	100	
1 ha and Under 2 ha	4,068	5,560.4	649	574		75	
2 ha and Under 3 ha	674	1,548.0	25	25			
3 ha and Under 4 ha	125	422.0	50	50			
4 ha and Under 5 ha	25	109.7					
5 ha and Under 10 ha							
10 ha and over							
Total	37,759	21,375.2	8,510	7,911	200	399	

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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	50	0.3			25	
Holding with land	37,709	21,374.9	100	50	2,720	
Under 0.1 ha	973	66.8				
0.1 ha and Under 0.2 ha	4,093	613.8	25	25	100	
0.2 ha and Under 0.5 ha	17,420	6,009.2	50		1,098	
0.5 ha and Under 1 ha	10,332	7,045.2	25		898	
1 ha and Under 2 ha	4,068	5,560.4		25	474	
2 ha and Under 3 ha	674	1,548.0			100	
3 ha and Under 4 ha	125	422.0			25	
4 ha and Under 5 ha	25	109.7			25	
5 ha and Under 10 ha						
10 ha and over						
Total	37,759	21,375.2	100	50	2,745	

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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	50	0.3						
Holding with land	37,709	21,374.9						
Under 0.1 ha	973	66.8						
0.1 ha and Under 0.2 ha	4,093	613.8						
0.2 ha and Under 0.5 ha	17,420	6,009.2						
0.5 ha and Under 1 ha	10,332	7,045.2						
1 ha and Under 2 ha	4,068	5,560.4						
2 ha and Under 3 ha	674	1,548.0						
3 ha and Under 4 ha	125	422.0						
4 ha and Under 5 ha	25	109.7						
5 ha and Under 10 ha								
10 ha and over								
Total	37,759	21,375.2						

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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	50	0.3	50								
Holding with land	37,709	21,374.9	29,998	7,712	574	125	150	324	1,248	5,216	75
Under 0.1 ha	973	66.8	724	250	25	25	25		50	125	
0.1 ha and Under 0.2 ha	4,093	613.8	3,070	1,023	200		25	100	100	599	
0.2 ha and Under 0.5 ha	17,420	6,009.2	14,075	3,344	225	50	100	150	399	2,346	75
0.5 ha and Under 1 ha	10,332	7,045.2	8,111	2,221	75	50		75	524	1,497	
1 ha and Under 2 ha	4,068	5,560.4	3,319	749	50				125	574	
2 ha and Under 3 ha	674	1,548.0	574	100					25	75	
3 ha and Under 4 ha	125	422.0	100	25					25		
4 ha and Under 5 ha	25	109.7	25								
5 ha and Under 10 ha											
10 ha and over											
Total	37,759	21,375.2	30,047	7,712	574	125	150	324	1,248	5,216	75

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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	50	0.3	25		25				
Holding with land	37,709	21,374.9	27,202	5,990	10,057	749	9,109	299	998
Under 0.1 ha	973	66.8	749	150	175	25	349		50
0.1 ha and Under 0.2 ha	4,093	613.8	2,970	674	724	50	1,298	25	200
0.2 ha and Under 0.5 ha	17,420	6,009.2	11,705	1,897	4,667	299	4,243	150	449
0.5 ha and Under 1 ha	10,332	7,045.2	7,986	1,897	2,970	299	2,521	75	225
1 ha and Under 2 ha	4,068	5,560.4	3,169	1,123	1,248	50	624	50	75
2 ha and Under 3 ha	674	1,548.0	499	175	250	25	50		
3 ha and Under 4 ha	125	422.0	100	50	25		25		
4 ha and Under 5 ha	25	109.7	25	25					
5 ha and Under 10 ha									
10 ha and over									
Total	37,759	21,375.2	27,227	5,990	10,082	749	9,109	299	998

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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	50	0.3	299	6.0	25	25		50
Holding with land	37,709	21,374.9	202,796	5.4	35,014	2,695	8,760	28,949
Under 0.1 ha	973	66.8	3,993	4.1	873	100	25	948
0.1 ha and Under 0.2 ha	4,093	613.8	20,165	4.9	3,743	349	225	3,868
0.2 ha and Under 0.5 ha	17,420	6,009.2	91,265	5.2	16,222	1,198	3,444	13,976
0.5 ha and Under 1 ha	10,332	7,045.2	57,674	5.6	9,608	724	3,194	7,138
1 ha and Under 2 ha	4,068	5,560.4	24,033	5.9	3,818	250	1,497	2,571
2 ha and Under 3 ha	674	1,548.0	4,218	6.3	599	75	275	399
3 ha and Under 4 ha	125	422.0	1,023	8.2	125		100	25
4 ha and Under 5 ha	25	109.7	424	17.0	25			25
5 ha and Under 10 ha								
10 ha and over								
Total	37,759	21,375.2	203,095	5.4	35,039	2,720	8,760	28,999

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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	50	50	25			25		50						
Holding with land	37,709	28,949	8,385	13,901	5,965	699	1,273	14,774	2,496	5,665		4,567	175	
Under 0.1 ha	973	948	50	299	399	200	25	399	25	200		275	25	
0.1 ha and Under 0.2 ha	4,093	3,868	424	1,947	1,223	275	200	1,447	225	1,023		923	50	
0.2 ha and Under 0.5 ha	17,420	13,976	3,893	6,514	3,369	200	649	6,813	1,348	2,970		2,171	25	
0.5 ha and Under 1 ha	10,332	7,138	2,496	3,743	873	25	374	3,743	724	1,198		1,023	75	
1 ha and Under 2 ha	4,068	2,571	1,323	1,173	75		25	2,021	175	200		150		
2 ha and Under 3 ha	674	399	175	200	25			324		50		25		
3 ha and Under 4 ha	125	25	25					25						
4 ha and Under 5 ha	25	25		25						25				
5 ha and Under 10 ha														
10 ha and over														
Total	37,759	28,999	8,410	13,901	5,965	724	1,273	14,824	2,496	5,665		4,567	175	

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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	50	0.3						50
Holding with land	37,709	21,374.9	1,622	2,321	3,419	12,279	7,662	10,407
Under 0.1 ha	973	66.8	100	75	50	299	275	175
0.1 ha and Under 0.2 ha	4,093	613.8	225	424	324	1,298	923	898
0.2 ha and Under 0.5 ha	17,420	6,009.2	225	1,048	1,822	6,264	3,644	4,417
0.5 ha and Under 1 ha	10,332	7,045.2	524	374	1,073	2,920	1,822	3,619
1 ha and Under 2 ha	4,068	5,560.4	449	324	100	1,323	799	1,073
2 ha and Under 3 ha	674	1,548.0	100	75	50	150	150	150
3 ha and Under 4 ha	125	422.0				25	50	50
4 ha and Under 5 ha	25	109.7						25
5 ha and Under 10 ha								
10 ha and over								
Total	37,759	21,375.2	1,622	2,321	3,419	12,279	7,662	10,457

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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	50	0.3	50					
Holding with land	37,709	21,374.9	33,641			25	2,421	1,622
Under 0.1 ha	973	66.8	873					100
0.1 ha and Under 0.2 ha	4,093	613.8	3,743				125	225
0.2 ha and Under 0.5 ha	17,420	6,009.2	15,847			25	1,323	225
0.5 ha and Under 1 ha	10,332	7,045.2	8,884				923	524
1 ha and Under 2 ha	4,068	5,560.4	3,569				50	449
2 ha and Under 3 ha	674	1,548.0	574					100
3 ha and Under 4 ha	125	422.0	125					
4 ha and Under 5 ha	25	109.7	25					
5 ha and Under 10 ha								
10 ha and over								
Total	37,759	21,375.2	33,691			25	2,421	1,622

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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	50	0.3	25	25	50		
Holding with land	37,709	21,374.9	36,137	1,572	36,910	749	50
Under 0.1 ha	973	66.8	948	25	973		
0.1 ha and Under 0.2 ha	4,093	613.8	3,918	175	4,068		25
0.2 ha and Under 0.5 ha	17,420	6,009.2	16,721	699	17,245	175	
0.5 ha and Under 1 ha	10,332	7,045.2	9,833	499	10,132	175	25
1 ha and Under 2 ha	4,068	5,560.4	3,918	150	3,743	324	
2 ha and Under 3 ha	674	1,548.0	649	25	624	50	
3 ha and Under 4 ha	125	422.0	125		100	25	
4 ha and Under 5 ha	25	109.7	25		25		
5 ha and Under 10 ha							
10 ha and over							
Total	37,759	21,375.2	36,162	1,597	36,960	749	50

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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	50	0.3	50		25				25			
Holding with land	37,709	21,374.9	37,584	125	37,659	25		25				
Under 0.1 ha	973	66.8	973		973							
0.1 ha and Under 0.2 ha	4,093	613.8	4,093		4,043	25		25				
0.2 ha and Under 0.5 ha	17,420	6,009.2	17,395	25	17,420							
0.5 ha and Under 1 ha	10,332	7,045.2	10,307	25	10,332							
1 ha and Under 2 ha	4,068	5,560.4	4,018	50	4,068							
2 ha and Under 3 ha	674	1,548.0	649	25	674							
3 ha and Under 4 ha	125	422.0	125		125							
4 ha and Under 5 ha	25	109.7	25		25							
5 ha and Under 10 ha												
10 ha and over												
Total	37,759	21,375.2	37,634	125	37,684	25		25	25			

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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	50	0.3												
Holding with land	37,709	21,374.9	998	898	25	1,622	923	200	25		299	200	50	549
Under 0.1 ha	973	66.8	25	25		25	25							
0.1 ha and Under 0.2 ha	4,093	613.8	150	50		175	200	50	25		50			50
0.2 ha and Under 0.5 ha	17,420	6,009.2	499	399		948	374	75			150			225
0.5 ha and Under 1 ha	10,332	7,045.2	225	324	25	324	250				100	100	50	175
1 ha and Under 2 ha	4,068	5,560.4	100	75		125	75	75				75		100
2 ha and Under 3 ha	674	1,548.0				25								
3 ha and Under 4 ha	125	422.0		25										
4 ha and Under 5 ha	25	109.7										25		
5 ha and Under 10 ha														
10 ha and over														
Total	37,759	21,375.2	998	898	25	1,622	923	200	25		299	200	50	549

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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	50	0.3						
Holding with land	37,709	21,374.9	998	88.6	200	17.7	2,446	281.9
Under 0.1 ha	973	66.8					125	9.4
0.1 ha and Under 0.2 ha	4,093	613.8	75	4.3	25	1.0	374	23.6
0.2 ha and Under 0.5 ha	17,420	6,009.2	499	41.3	100	13.5	923	149.3
0.5 ha and Under 1 ha	10,332	7,045.2	349	32.3	75	3.3	923	87.2
1 ha and Under 2 ha	4,068	5,560.4	25	1.4			75	9.3
2 ha and Under 3 ha	674	1,548.0	25	5.3				
3 ha and Under 4 ha	125	422.0					25	3.1
4 ha and Under 5 ha	25	109.7	25	4.0				
5 ha and Under 10 ha								
10 ha and over								
Total	37,759	21,375.2	998	88.6	200	17.7	2,446	281.9

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

Total area of holding	Total no. of holdings	Permanent basis				Occasional basis				Exchange of labour basis			
		No. of holdings reporting	No. of agriculture workers			No. of holdings reporting	No. of agriculture workers (man days)			No. of holdings reporting	No. of agriculture workers (man days)		
			Total	Male	Female		Total	Male	Female		Total	Male	Female
Holding without land	50					25	349	125	225				
Holding with land	37,709	399	749	624	125	7,936	194,285	104,767	89,519	13,951	323,235	117,719	205,516
Under 0.1 ha	973					25	574	275	299	125	1,497	649	849
0.1 ha and Under 0.2 ha	4,093	25	25	25		549	13,576	8,510	5,066	973	12,927	4,767	8,161
0.2 ha and Under 0.5 ha	17,420	100	175	150	25	3,743	79,087	43,399	35,688	6,638	128,376	48,840	79,536
0.5 ha and Under 1 ha	10,332	200	474	399	75	2,745	63,489	29,973	33,516	4,143	111,505	38,034	73,472
1 ha and Under 2 ha	4,068	75	75	50	25	724	28,500	17,070	11,430	1,672	57,974	20,290	37,684
2 ha and Under 3 ha	674					75	5,715	3,943	1,772	324	9,558	4,492	5,066
3 ha and Under 4 ha	125					75	3,344	1,597	1,747	75	1,398	649	749
4 ha and Under 5 ha	25												
5 ha and Under 10 ha													
10 ha and over													
Total	37,759	399	749	624	125	7,961	194,635	104,892	89,743	13,951	323,235	117,719	205,516

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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	50	50							
Holding with land	37,709	32,294	5,416			1,922	324	7,387	1,298
Under 0.1 ha	973	774	200			200	25	150	
0.1 ha and Under 0.2 ha	4,093	3,544	549			250	75	923	100
0.2 ha and Under 0.5 ha	17,420	15,473	1,947			873	125	3,743	674
0.5 ha and Under 1 ha	10,332	8,560	1,772			449	75	1,947	275
1 ha and Under 2 ha	4,068	3,294	774			100	25	574	225
2 ha and Under 3 ha	674	499	175			25		25	25
3 ha and Under 4 ha	125	125				25		25	
4 ha and Under 5 ha	25	25							
5 ha and Under 10 ha									
10 ha and over									
Total	37,759	32,343	5,416			1,922	324	7,387	1,298

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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	25		25						
Holding with land	8,635	1,772	7,786	1,223	4,692	424	1,872	374	
Under 0.1 ha	125	50	175	100	50	25	75		
0.1 ha and Under 0.2 ha	1,048	175	674	150	399		250	50	
0.2 ha and Under 0.5 ha	4,492	549	3,644	299	1,997	175	724	125	
0.5 ha and Under 1 ha	2,221	674	1,997	449	1,547	200	399	100	
1 ha and Under 2 ha	674	250	1,123	150	474	25	349	100	
2 ha and Under 3 ha	75	75	125	75	175		75		
3 ha and Under 4 ha			50		25				
4 ha and Under 5 ha					25				
5 ha and Under 10 ha									
10 ha and over									
Total	8,660	1,772	7,811	1,223	4,692	424	1,872	374	

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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	0.3	0.3							
Holding with land	21,374.9	17,850.6	3,524.4			911.8	145.4	3,624.4	833.8
Under 0.1 ha	66.8	51.6	15.2			14.1	2.3	9.8	
0.1 ha and Under 0.2 ha	613.8	530.2	83.6			42.1	11.5	139.3	16.3
0.2 ha and Under 0.5 ha	6,009.2	5,323.4	685.8			284.6	50.7	1,266.6	236.2
0.5 ha and Under 1 ha	7,045.2	5,818.8	1,226.3			318.3	55.1	1,277.6	204.9
1 ha and Under 2 ha	5,560.4	4,442.3	1,118.1			107.2	25.8	788.8	324.7
2 ha and Under 3 ha	1,548.0	1,152.6	395.4			60.3		57.1	51.8
3 ha and Under 4 ha	422.0	422.0				85.1		85.1	
4 ha and Under 5 ha	109.7	109.7							
5 ha and Under 10 ha									
10 ha and over									
Total	21,375.2	17,850.9	3,524.4			911.8	145.4	3,624.4	833.8

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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	0.2		0.1						
Holding with land	4,300.3	1,208.1	4,700.4	817.4	3,086.9	240.2	1,226.9	279.5	
Under 0.1 ha	9.4	4.6	11.3	6.2	2.6	2.1	4.3		
0.1 ha and Under 0.2 ha	152.9	29.2	104.6	21.1	55.9		35.3	5.6	
0.2 ha and Under 0.5 ha	1,587.7	174.8	1,261.5	100.0	688.9	72.5	234.0	51.6	
0.5 ha and Under 1 ha	1,459.2	460.9	1,411.5	291.5	1,071.7	138.3	280.5	75.7	
1 ha and Under 2 ha	928.3	374.1	1,458.6	219.4	667.6	27.3	491.9	146.7	
2 ha and Under 3 ha	162.8	164.4	279.1	179.2	412.4		180.9		
3 ha and Under 4 ha			173.8		78.1				
4 ha and Under 5 ha					109.7				
5 ha and Under 10 ha									
10 ha and over									
Total	4,300.5	1,208.1	4,700.4	817.4	3,086.9	240.2	1,226.9	279.5	

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

Total area of holding	Total number of holdings	Farm population							
		All Ages		Under 15 Years		15 - 24 Years		25 - 34 Years	
		Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	50	150	150	75	75		25		25
Holding with land	37,709	103,170	99,626	37,285	35,713	22,885	23,609	14,500	13,776
Under 0.1 ha	973	2,171	1,822	774	499	574	524	299	200
0.1 ha and Under 0.2 ha	4,093	10,307	9,858	4,367	3,943	1,672	2,221	1,447	1,522
0.2 ha and Under 0.5 ha	17,420	46,893	44,372	17,070	16,371	10,382	10,107	6,489	6,539
0.5 ha and Under 1 ha	10,332	28,425	29,249	9,708	10,132	6,613	7,437	4,292	3,669
1 ha and Under 2 ha	4,068	12,503	11,530	4,442	3,818	2,920	2,595	1,597	1,522
2 ha and Under 3 ha	674	2,196	2,021	649	599	549	524	275	225
3 ha and Under 4 ha	125	499	524	200	200	125	150	75	75
4 ha and Under 5 ha	25	175	250	75	150	50	50	25	25
5 ha and Under 10 ha									
10 ha and over									
Total	37,759	103,319	99,776	37,360	35,787	22,885	23,634	14,500	13,801

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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	25	25	50						
Holding with land	10,931	11,530	8,884	8,310	5,490	4,492	3,194	2,196	
Under 0.1 ha	200	175	175	299	75	75	75	50	
0.1 ha and Under 0.2 ha	1,323	1,023	749	599	474	449	275	100	
0.2 ha and Under 0.5 ha	5,216	5,391	4,068	3,244	2,321	1,997	1,348	724	
0.5 ha and Under 1 ha	2,870	3,419	2,371	2,296	1,772	1,522	799	774	
1 ha and Under 2 ha	1,123	1,373	1,248	1,472	599	275	574	474	
2 ha and Under 3 ha	175	150	225	324	200	150	125	50	
3 ha and Under 4 ha	25		50	50	25	25		25	
4 ha and Under 5 ha				25	25				
5 ha and Under 10 ha									
10 ha and over									
Total	10,956	11,555	8,934	8,310	5,490	4,492	3,194	2,196	

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Table 29. Educational level of holders

Total area of hoding	Total		Level of education								
			Upto 5 class		6 - 10 class		SLC		Intermediate level / 10+2		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Holding without land	50										
Holding with land	32,294	5,416	3,369	225	4,417	499	1,198	75	1,023	25	
Under 0.1 ha	774	200	50	25	125		25		25		
0.1 ha and Under 0.2 ha	3,544	549	374		424	25	75		100		
0.2 ha and Under 0.5 ha	15,473	1,947	1,872	50	1,947	324	699	50	524		
0.5 ha and Under 1 ha	8,560	1,772	724	100	1,373	100	250	25	225	25	
1 ha and Under 2 ha	3,294	774	299	25	424	50	125		150		
2 ha and Under 3 ha	499	175	50	25	100						
3 ha and Under 4 ha	125				25		25				
4 ha and Under 5 ha	25										
5 ha and Under 10 ha											
10 ha and over											
Total	32,343	5,416	3,369	225	4,417	499	1,198	75	1,023	25	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

RUKUM

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							25		25	
Holding with land	499	25	75	25	50		9,034	1,048	12,628	3,494
Under 0.1 ha	25		25				100	25	399	150
0.1 ha and Under 0.2 ha	25		25	25			898	100	1,622	399
0.2 ha and Under 0.5 ha	125		25		25		4,492	499	5,765	1,023
0.5 ha and Under 1 ha	275				25		2,695	374	2,995	1,148
1 ha and Under 2 ha	25	25					724	50	1,547	624
2 ha and Under 3 ha	25						50		275	150
3 ha and Under 4 ha							75			
4 ha and Under 5 ha									25	
5 ha and Under 10 ha										
10 ha and over										
Total	499	25	75	25	50		9,059	1,048	12,653	3,494

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

RUKUM

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	100	150	75	75						
Holding with land	60,170	85,026	27,227	26,404	17,220	16,721	4,417	3,569	2,870	2,795
Under 0.1 ha	1,098	1,472	499	449	250	225	100	50		
0.1 ha and Under 0.2 ha	5,590	8,635	3,145	3,444	1,223	1,398	349	225	75	175
0.2 ha and Under 0.5 ha	26,279	38,308	12,353	11,779	7,337	7,712	2,071	1,348	1,098	1,198
0.5 ha and Under 1 ha	17,170	24,732	7,113	7,612	5,515	5,216	1,123	1,273	948	873
1 ha and Under 2 ha	8,211	9,633	3,569	2,620	2,371	1,922	549	399	549	424
2 ha and Under 3 ha	1,472	1,672	424	349	449	250	150	200	175	75
3 ha and Under 4 ha	275	424	100	100	75		50	75		50
4 ha and Under 5 ha	75	150	25	50			25		25	
5 ha and Under 10 ha										
10 ha and over										
Total	60,270	85,176	27,302	26,479	17,220	16,721	4,417	3,569	2,870	2,795

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

RUKUM

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								50	25	25
Holding with land	898	200	125	100	75		3,369	9,159	3,968	26,079
Under 0.1 ha	25						75	175	150	574
0.1 ha and Under 0.2 ha	50		25				449	898	275	2,496
0.2 ha and Under 0.5 ha	275	50		75			1,423	4,193	1,722	11,954
0.5 ha and Under 1 ha	225	25	75	25	75		998	2,820	1,098	6,888
1 ha and Under 2 ha	250	100	25				275	898	624	3,269
2 ha and Under 3 ha	50	25					125	100	100	674
3 ha and Under 4 ha	25						25	50		150
4 ha and Under 5 ha								25		75
5 ha and Under 10 ha										
10 ha and over										
Total	898	200	125	100	75		3,369	9,209	3,993	26,104

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

RUKUM

Table 31. Occupational distribution of holder

Total area of hoding	Total		Main occupation											
			Armed forces		Managers		Professionals		Technicians and associate		Clerical support workers		Service and sales workers	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	50													
Holding with land	32,294	5,416	25		100	25	824	75	374	25	324		324	75
Under 0.1 ha	774	200							25					25
0.1 ha and Under 0.2 ha	3,544	549	25				125		25		50		50	
0.2 ha and Under 0.5 ha	15,473	1,947			50		349	25	225	25	175		125	
0.5 ha and Under 1 ha	8,560	1,772			50	25	225	25	75		75		100	50
1 ha and Under 2 ha	3,294	774					100	25	25		25		25	25
2 ha and Under 3 ha	499	175					25							
3 ha and Under 4 ha	125													
4 ha and Under 5 ha	25													
5 ha and Under 10 ha														
10 ha and over														
Total	32,343	5,416	25		100	25	824	75	374	25	324		324	75

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

RUKUM

Table 31. Occupational distribution of holder (Continued)

Total area of holding	Main occupation													
	Skilled agriculture, forestry and fishery worker		Craft and related trade workers		Plants and machine operators and assemblers		Unskilled worker at elementary occupation		Household chores		Student		Not working	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	50													
Holding with land	23,284	3,644	2,970	125	225		449		2,670	1,373	649	75	75	
Under 0.1 ha	524	100	50		25				75	100	50			
0.1 ha and Under 0.2 ha	2,720	424	299	25			75		125	100	50			
0.2 ha and Under 0.5 ha	11,330	1,273	1,423	25	125		225		1,123	549	299	50	25	
0.5 ha and Under 1 ha	5,940	1,348	699		25		150		948	324	225		50	
1 ha and Under 2 ha	2,346	449	424	50	25				324	200		25		
2 ha and Under 3 ha	324	50	75	25	25				50	100				
3 ha and Under 4 ha	100										25			
4 ha and Under 5 ha									25					
5 ha and Under 10 ha														
10 ha and over														
Total	23,334	3,644	2,970	125	225		449		2,670	1,373	649	75	75	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

RUKUM

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	50	125												
Holding with land	47,417	73,422	799	50	225	225	574	674	275	299	549	50	399	849
Under 0.1 ha	824	1,323	25						25		25		25	
0.1 ha and Under 0.2 ha	3,893	7,063	25		25			75	25	25	25		25	
0.2 ha and Under 0.5 ha	20,389	32,967	225	25	75	125	275	250	125	100	175	25	150	250
0.5 ha and Under 1 ha	13,951	21,562	374	25	75	100	150	200	75	150	225		75	225
1 ha and Under 2 ha	6,713	8,510	75		25		125	125	25	25	50	25	125	299
2 ha and Under 3 ha	1,323	1,547	75		25		25	25			25			75
3 ha and Under 4 ha	250	349									25			
4 ha and Under 5 ha	75	100												
5 ha and Under 10 ha														
10 ha and over														
Total	47,467	73,546	799	50	225	225	574	674	275	299	549	50	399	849

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

RUKUM

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	25	50									25	75		
Holding with land	7,387	22,211	2,171	998	724	100	399	100	2,296	16,546	29,748	29,773	1,872	1,547
Under 0.1 ha	299	449		25					25	424	349	374	50	50
0.1 ha and Under 0.2 ha	574	2,021	200	225	75		25	25	175	1,747	2,571	2,795	150	150
0.2 ha and Under 0.5 ha	3,244	11,230	649	549	225	50	100	50	1,198	6,988	12,952	12,728	998	599
0.5 ha and Under 1 ha	2,246	5,640	674	175	275	25	200	25	649	5,041	8,360	9,483	574	474
1 ha and Under 2 ha	799	2,271	524	25	75	25	50		175	1,872	4,567	3,594	100	250
2 ha and Under 3 ha	150	399	125		25		25		75	324	774	699		25
3 ha and Under 4 ha	75	200			25					50	125	100		
4 ha and Under 5 ha					25					100	50			
5 ha and Under 10 ha														
10 ha and over														
Total	7,412	22,261	2,171	998	724	100	399	100	2,296	16,546	29,773	29,848	1,872	1,547

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.

