

National Sample Census of Agriculture

Nepal

2011/12

Doti

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

Table of Content

		Page
Preface		III
Table 1.	Number, area and fragmentation of holdings by total area of holding	1
Table 2.	Number, area of holdings by tenure and size	2
Table 2a.	Number, area of holdings by tenure and size	3
Table 2b.	Number, area of holdings by tenure forms and size	4
Table 3.	Number, area and land use by total area of holding	5
Table 3.	Number, area and land use by total area of holding (Continued)	6
Table 4.	Number, area, number of holdings reporting and area irrigated by source of irrigation by total area of holding	7
Table 4a.	Number, area, number of holdings reporting and payment terms (on area or time basis) for irrigation by total area of holding	8
Table 5.	Number, area of holdings and crop stand by total area of holding	9
Table 6.	Number, area of holdings, number of holdings reporting and land under temporary crops by size	10
Table 6a.	Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding	11
Table 6b.	Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding	12
Table 6c.	Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding	13
Table 6d.	Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding	14
Table 6e.	Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding	15
Table 6f.	Number, area of holdings, number of holdings reporting and area under temporary crops by total area of holding	16
Table 6g.	Number, area of holdings, number of holdings reporting and area under different temporary crops by total area of holding	17

Table 7.	Plantation features and ages of different permanent crops by total area of holding	18
Table 7a.	Plantation features and ages of orange by total area of holding	19
Table 7b.	Plantation features and ages of junar by total area of holding	20
Table 7c.	Plantation features and ages of lemon by total area of holding	21
Table 7d.	Plantation features and ages of lime by total area of holding	22
Table 7e.	Plantation features and ages of sweet orange by total area of holding	23
Table 7f.	Plantation features and ages of other citrus fruits by total area of holding	24
Table 7g.	Plantation features and ages of mango by total area of holding	25
Table 7h.	Plantation features and ages of banana by total area of holding	26
Table 7i.	Plantation features and ages of guava by total area of holding	27
Table 7j.	Plantation features and ages of jackfruit by total area of holding	28
Table 7k.	Plantation features and ages of pineapple by total area of holding	29
Table 7l.	Plantation features and ages of lychee by total area of holding	30
Table 7m.	Plantation features and ages of apple by total area of holding	31
Table 7n.	Plantation features and ages of pear by total area of holding	32
Table 7o.	Plantation features and ages of peach by total area of holding	33
Table 7p.	Plantation features and ages of papaya by total area of holding	34
Table 7q.	Plantation features and ages of pomegranate by total area of holding	35
Table 7r.	Plantation features and ages of coconut by total area of holding	36
Table 7s.	Plantation features and ages of walnut by total area of holding	37
Table 7t.	Plantation features and ages of beetle nut by total area of holding	38
Table 7u.	Plantation features and ages of other fruits by total area of holding	39
Table 7v.	Plantation features and ages of tea by total area of holding	40
Table 7w.	Plantation features and ages of coffee by total area of holding	41

Table 7x.	Plantation features and ages of black cardamom by total area of holding	42
Table 7y.	Plantation features and ages of amriso, thatch and bamboo by total area of holding	43
Table 7z.	Plantation features and ages of fodder tree and multi-year grass crops by total area of holding	44
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	45
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)	46
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)	47
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)	48
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 4)	49
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)	50
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)	51
Table 9.	Number of holdings reporting different type of livestock by area of holding	52
Table 9.	Number of holdings reporting different type of livestock by area of holding (Continued)	53
Table 9a.	Number of holdings reporting livestock according to age, sex and breed by total area of holding	54
Table 9a.	Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)	55
Table 9a.	Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)	56
Table 9b.	Number of holdings reporting livestock according to age, sex and breed by total area of holding	57
Table 9c.	Number of holdings reporting livestock according to age, sex and breed by total area of holding	58

Table 9c.	Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)	59
Table 9c.	Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)	60
Table 9d.	Number of holdings reporting livestock according to age, sex and breed by total area of holding	61
Table 9d.	Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)	62
Table 9e.	Number of holdings reporting livestock according to age, sex and breed by total area of holding	63
Table 9e.	Number of holdings reporting livestock according to age, sex and breed by total area of holding (Continued)	64
Table 9f.	Number of holdings reporting livestock according to age, sex and breed by total area of holding	65
Table 10.	Number of holdings reporting different type of birds by area of holding	66
Table 11.	Number of holdings reporting different type of birds by area of holding	67
Table 12.	Number, area of holdings, number of holdings reporting use of implements and other facilities by total area of holding	68
Table 13.	Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding	69
Table 13.	Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding (Continued)	70
Table 13.	Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding (Continued)	71
Table 13.	Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding (Continued)	72
Table 13.	Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding (Continued)	73
Table 13.	Number, area of holdings, number of agricultural implements and other facilities according to source by total area of holding (Continued)	74
Table 14.	Number of holdings, use of non-residential buildings according to source by total area of holding	75
Table 14.	Number of holdings, use of non-residential buildings according to source by total area of holding (Continued)	76

Table 15.	Number, area of holdings and number of holdings reporting forest trees by total area of holding	77
Table 15.	Number, area of holdings and number of holding reporting use of forest trees by total area of holding (continued)	78
Table 16.	Number, area of holdings and number of holdings reporting ancillary agriculture activity on holding by total area of holding	79
Table 16a.	Number, area of holdings, number of holdings reporting fishery and number and area of fish pond by total area of holding	80
Table 17.	Number, area of holdings and number of holdings reporting agricultural credit by total area of holding	81
Table 18.	Number, area of holdings, number of holdings reporting need for agricultural loan and purpose of loan by total area of holding	82
Table 19.	Number, area of holdings, number of holdings reporting main source of income and sufficiency of income by total area of holding	83
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	84
Table 20.	Number of holdings reporting one way travel time to the nearest agriculture market	85
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	86
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	87
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	88
Table 23.	Number, area of holdings, number of holdings reporting other economic production activity by total area of holding	89
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	90
Table 25.	Number of holdings by type of employment of agricultural workers and number of permanent agricultural workersby sex and by total area of holding	91
Table 26.	Number of holdings reporting by holder's age, sex and total area of holding	92
Table 26.	Number of holdings reporting by holder's age, sex and total area of holding (Continued)	93
Table 27.	Area of holdings reporting by holder's age, sex and total area of holding	94
Table 27.	Area of holdings reporting by holder's age, sex and total area of holding (Continued)	95
Table 28.	Farm population by age, sex and total area of holding	96

Table 28.	Farm population by age, sex and total area of holding (Continued)	97
Table 29.	Educational level of holders	98
Table 29.	Educational level of holder (Continued)	99
Table 30.	Educational level of farm population other than holder	100
Table 30.	Educational level of farm population other than holder (Continued)	101
Table 31.	Occupational distribution of holder	102
Table 31.	Occupational distribution of holder (Continued)	103
Table 32.	Occupational distribution of farm population other than holder	104
Table 32.	Occupational distribution of farm population other than holder (Continued)	105

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406	0.8	6.4	7.2	433	1.1	379	27			
Holding with land	36,434	6,669.9	9,705.4	16,375.3	171,613	4.7	2,734	11,964	10,557	8,878	2,301
Under 0.1 ha	3,302	64.0	141.6	205.7	6,496	2.0	1,110	1,976	162	54	
0.1 ha and Under 0.2 ha	6,929	346.3	693.4	1,039.7	20,085	2.9	893	4,114	1,597	325	
0.2 ha and Under 0.5 ha	13,994	1,994.8	2,631.9	4,626.7	64,368	4.6	541	4,520	5,387	2,978	568
0.5 ha and Under 1 ha	9,068	2,462.7	3,800.5	6,263.2	57,628	6.4	189	1,110	2,734	3,871	1,164
1 ha and Under 2 ha	3,005	1,671.3	2,214.9	3,886.2	21,655	7.2		244	650	1,624	487
2 ha and Under 3 ha	108	73.1	163.6	236.7	1,029	9.5			27	27	54
3 ha and Under 4 ha											
4 ha and Under 5 ha	27	57.8	59.4	117.2	352	13.0					27
5 ha and Under 10 ha											
10 ha and over											
Total	36,840	6,670.7	9,711.8	16,382.5	172,046	4.7	3,113	11,991	10,557	8,878	2,301

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

DOTI

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				
	Number	Area (ha)	Owned		Rented from others		Other tenure forms		No. of holdings	Area (ha)		
			No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)		Owned	Rented	Other tenure
Holding without land	406	7.2	406	7.2								
Holding with land	36,434	16,375.3	24,416	10,809.1	135	38.6			11,883	3,598.9	1,910.2	18.5
Under 0.1 ha	3,302	205.7	2,815	173.3	27	2.3			460	12.5	17.5	
0.1 ha and under 0.2 ha	6,929	1,039.7	4,764	708.0	81	11.1			2,084	146.1	173.7	0.7
0.2 ha and under 0.5 ha	13,994	4,626.7	9,014	2,975.7					4,981	991.9	649.8	9.2
0.5 ha and under 1 ha	9,068	6,263.2	5,603	3,877.1	27	25.2			3,438	1,577.5	774.8	8.6
1 ha and under 2 ha	3,005	3,886.2	2,111	2,777.7					893	825.1	283.4	
2 ha and under 3 ha	108	236.7	81	180.1					27	45.8	10.8	
3 ha and under 4 ha												
4 ha and under 5 ha	27	117.2	27	117.2								
5 ha and under 10 ha												
10 ha and over												
Total	36,840	16,382.5	24,822	10,816.3	135	38.6			11,883	3,598.9	1,910.2	18.5

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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

Total area of holding	Number of holdings	Under one tenure form - rented from others													
		Total		Rented for fixed amount of money		Rented for fixed quantity of		Rented for share of production		Rented in exchange for services		Rented for mortgage		Other rental arrangements	
		No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	406														
Holding with land	36,434	135	38.6									108	36.3	27	2.3
Under 0.1 ha	3,302	27	2.3											27	2.3
0.1 ha and under 0.2 ha	6,929	81	11.1									81	11.1		
0.2 ha and under 0.5 ha	13,994														
0.5 ha and under 1 ha	9,068	27	25.2									27	25.2		
1 ha and under 2 ha	3,005														
2 ha and under 3 ha	108														
3 ha and under 4 ha															
4 ha and under 5 ha	27														
5 ha and under 10 ha															
10 ha and over															
Total	36,840	135	38.6									108	36.3	27	2.3

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406														
Holding with land	36,434	11,721	1,910.2	54	4.7	54	8.2	2,761	416.7	189	34.9	9,257	1,427.1	325	18.5
Under 0.1 ha	3,302	460	17.5	27	0.8			162	7.9			271	8.8		
0.1 ha and under 0.2 ha	6,929	2,057	173.7					704	54.5	27	1.2	1,462	117.7	27	0.4
0.2 ha and under 0.5 ha	13,994	4,926	649.8	27	3.9	54	8.2	1,299	187.2	81	6.6	3,790	435.9	217	8.1
0.5 ha and under 1 ha	9,068	3,356	774.8					460	108.3	54	17.5	2,950	643.0	54	6.1
1 ha and under 2 ha	3,005	893	283.4					108	48.1	27	9.6	785	221.7	27	4.0
2 ha and under 3 ha	108	27	10.8					27	10.8						
3 ha and under 4 ha															
4 ha and under 5 ha	27														
5 ha and under 10 ha															
10 ha and over															
Total	36,840	11,721	1,910.2	54	4.7	54	8.2	2,761	416.7	189	34.9	9,257	1,427.1	325	18.5

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406	7.2	135	1.1			27	1.4	162	2.5
Holding with land	36,434	16,375.3	36,407	14,516.8	460	45.8	4,060	443.2	36,407	15,005.7
Under 0.1 ha	3,302	205.7	3,302	160.7	27	0.1	108	0.5	3,302	161.3
0.1 ha and under 0.2 ha	6,929	1,039.7	6,902	881.9	27	3.3	514	13.1	6,902	898.2
0.2 ha and under 0.5 ha	13,994	4,626.7	13,994	4,115.8	135	6.5	1,895	106.3	13,994	4,228.6
0.5 ha and under 1 ha	9,068	6,263.2	9,068	5,746.6	189	16.6	947	78.6	9,068	5,841.8
1 ha and under 2 ha	3,005	3,886.2	3,005	3,301.1	81	19.3	568	204.8	3,005	3,525.2
2 ha and under 3 ha	108	236.7	108	234.2					108	234.2
3 ha and under 4 ha										
4 ha and under 5 ha	27	117.2	27	76.5			27	39.9	27	116.5
5 ha and under 10 ha										
10 ha and over										
Total	36,840	16,382.5	36,542	14,517.9	460	45.8	4,087	444.5	36,569	15,008.3

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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									406	4.6
Holding with land	4,250	269.8	758	91.3	2,301	354.7			36,299	653.7
Under 0.1 ha	189	2.5			27	0.1			3,302	41.8
0.1 ha and under 0.2 ha	623	12.4	108	7.5	135	2.9			6,902	118.7
0.2 ha and under 0.5 ha	1,949	82.7	271	14.0	839	52.7			13,913	248.7
0.5 ha and under 1 ha	1,218	111.6	271	32.0	947	105.7			9,068	172.2
1 ha and under 2 ha	271	60.7	108	37.8	352	193.3			2,978	69.1
2 ha and under 3 ha									108	2.6
3 ha and under 4 ha										
4 ha and under 5 ha									27	0.7
5 ha and under 10 ha										
10 ha and over										
Total	4,250	269.8	758	91.3	2,301	354.7			36,705	658.4

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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

Total area of holding	Total		Source of irrigation													
	No. of holdings	Area (ha)	No. of holdings reporting	Area (ha)	River/lake/pond				Dam/reservoir		Tube well/boring		Others		Mixed	
					By gravity		Pumping		No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
					No. of holdings	Area (ha)	No. of holdings	Area (ha)								
Holding without land	406	7.2	54	0.7	54	0.7										
Holding with land	36,434	16,375.3	26,798	6,631.8	26,148	6,400.6	54	8.0	704	221.7			27	1.6		
Under 0.1 ha	3,302	205.7	1,326	61.1	1,326	61.1										
0.1 ha and under 0.2 ha	6,929	1,039.7	3,898	342.2	3,708	326.0			162	14.6			27	1.6		
0.2 ha and under 0.5 ha	13,994	4,626.7	10,936	2,012.3	10,746	1,973.0	27	2.4	271	36.9						
0.5 ha and under 1 ha	9,068	6,263.2	7,850	2,475.3	7,633	2,369.8	27	5.6	189	99.8						
1 ha and under 2 ha	3,005	3,886.2	2,680	1,616.7	2,653	1,604.1			54	12.6						
2 ha and under 3 ha	108	236.7	81	66.6	81	66.6										
3 ha and under 4 ha																
4 ha and under 5 ha	27	117.2	27	57.8					27	57.8						
5 ha and under 10 ha																
10 ha and over																
Total	36,840	16,382.5	26,852	6,632.5	26,202	6,401.3	54	8.0	704	221.7			27	1.6		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406	7.2	54	0.7	54	0.7						
Holding with land	36,434	16,375.3	26,798	6,631.8	26,798	6,631.8						
Under 0.1 ha	3,302	205.7	1,326	61.1	1,326	61.1						
0.1 ha and under 0.2 ha	6,929	1,039.7	3,898	342.2	3,898	342.2						
0.2 ha and under 0.5 ha	13,994	4,626.7	10,936	2,012.3	10,936	2,012.3						
0.5 ha and under 1 ha	9,068	6,263.2	7,850	2,475.3	7,850	2,475.3						
1 ha and under 2 ha	3,005	3,886.2	2,680	1,616.7	2,680	1,616.7						
2 ha and under 3 ha	108	236.7	81	66.6	81	66.6						
3 ha and under 4 ha												
4 ha and under 5 ha	27	117.2	27	57.8	27	57.8						
5 ha and under 10 ha												
10 ha and over												
Total	36,840	16,382.5	26,852	6,632.5	26,852	6,632.5						

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	135	2.1	135	1.9			27	0.2				
Holding with land	36,434	26,944.2	36,163	20,277.0	4,006	253.0	21,655	6,397.4	298	16.3	27	0.5
Under 0.1 ha	3,302	312.1	3,167	239.3	162	2.0	1,408	70.3			27	0.5
0.1 ha and under 0.2 ha	6,929	1,679.6	6,848	1,298.0	596	12.0	3,762	369.2	27	0.3		
0.2 ha and under 0.5 ha	13,994	7,819.9	13,967	5,971.4	1,814	78.0	8,256	1,765.9	162	4.7		
0.5 ha and under 1 ha	9,068	10,685.4	9,068	8,127.3	1,191	101.7	6,063	2,446.6	81	9.9		
1 ha and under 2 ha	3,005	5,935.6	2,978	4,287.3	244	59.3	2,057	1,587.6	27	1.4		
2 ha and under 3 ha	108	361.7	108	203.8			108	157.9				
3 ha and under 4 ha												
4 ha and under 5 ha	27	149.9	27	149.9								
5 ha and under 10 ha												
10 ha and over												
Total	36,569	26,946.4	36,299	20,278.9	4,006	253.0	21,682	6,397.6	298	16.3	27	0.5

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	108	0.8			54	0.5					54	0.5	81	0.3		
Holding with land	36,082	23,155.1	22,277	1,625.7	14,996	436.5	22,710	777.2	189	3.1	16,349	406.9	13,832	238.3	379	31.6
Under 0.1 ha	3,140	262.1	758	8.3	812	11.2	947	8.3			785	9.3	866	10.4		
0.1 ha and Under 0.2 ha	6,794	1,387.9	3,194	90.5	1,976	43.8	3,844	64.9	27	0.7	2,436	46.0	2,030	33.2	27	0.2
0.2 ha and under 0.5 ha	13,967	6,724.8	8,689	398.0	5,766	155.0	8,770	236.0	54	0.2	6,226	116.3	5,170	94.4	189	12.6
0.5 ha and under 1 ha	9,041	9,233.7	7,011	678.6	4,791	120.1	6,794	310.5	81	0.5	4,981	153.3	4,250	69.1	108	8.1
1 ha and under 2 ha	3,005	5,111.2	2,490	402.8	1,570	99.6	2,247	147.0	27	1.6	1,841	77.4	1,408	29.3	27	6.0
2 ha and under 3 ha	108	295.8	108	41.2	54	5.4	81	8.9			54	4.2	81	1.4	27	4.8
3 ha and under 4 ha																
4 ha and under 5 ha	27	139.5	27	6.4	27	1.6	27	1.6			27	0.3	27	0.5		
5 ha and under 10 ha																
10 ha and over																
Total	36,190	23,155.9	22,277	1,625.7	15,050	437.0	22,710	777.2	189	3.1	16,403	407.4	13,913	238.7	379	31.6

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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							27	0.2	81	0.6								
Holding with land	460	33.2	28,692	7,073.0	10,584	1,362.6	35,162	9,976.9	20,464	1,537.0	22,413	2,575.4	6,009	568.7	81	9.0	920	19.2
Under 0.1 ha			1,516	61.1	731	27.1	2,734	120.5	1,218	32.9	731	19.7	54	0.7				
0.1 ha and Under 0.2 ha	54	3.9	4,114	342.7	2,003	128.7	6,523	620.0	3,140	144.9	3,032	133.4	379	13.6			108	0.8
0.2 ha and under 0.5 ha	217	21.1	11,802	2,049.5	3,790	365.2	13,805	3,011.7	7,850	495.3	9,095	688.1	1,841	88.1			217	5.8
0.5 ha and under 1 ha	135	3.8	8,337	2,760.9	3,248	587.4	9,014	4,007.7	6,117	531.2	7,065	1,091.0	2,490	238.5	27	5.2	460	8.1
1 ha and under 2 ha	54	4.4	2,788	1,689.9	785	254.1	2,950	2,065.4	2,057	316.5	2,355	570.5	1,164	203.7	54	3.8	108	2.8
2 ha and under 3 ha			108	123.5	27	0.2	108	98.3	54	9.0	108	56.7	54	6.6			27	1.6
3 ha and under 4 ha																		
4 ha and under 5 ha			27	45.4			27	53.4	27	7.2	27	16.0	27	17.6				
5 ha and under 10 ha																		
10 ha and over																		
Total	460	33.2	28,692	7,073.0	10,584	1,362.6	35,189	9,977.1	20,545	1,537.6	22,413	2,575.4	6,009	568.7	81	9.0	920	19.2

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	14,076	489.0	12,993	432.9	81	2.1			4,710	267.9	650	20.2	4,006	61.9			5,089	333.2	244	6.0	623	12.5
Under 0.1 ha	271	2.8	460	2.3					81	0.7			81	0.9			54	1.5	27	0.0	27	0.0
0.1 ha and Under 0.2 ha	1,814	34.2	1,651	25.1					514	15.5	135	3.3	487	4.8			217	4.2	54	3.4		
0.2 ha and under 0.5 ha	5,251	132.0	4,710	108.8	27	0.2			1,787	80.9	271	8.6	1,624	21.8			1,272	40.3	108	1.0	271	4.4
0.5 ha and under 1 ha	4,845	198.8	4,277	180.6	27	1.6			1,651	110.4	217	6.7	1,516	27.6			2,057	147.3	27	0.8	244	4.7
1 ha and under 2 ha	1,787	112.4	1,814	105.5	27	0.3			623	55.5	27	1.6	271	5.2			1,380	118.1	27	0.8	81	3.4
2 ha and under 3 ha	81	5.6	81	10.6					27	1.6			27	1.6			108	21.8				
3 ha and under 4 ha																						
4 ha and under 5 ha	27	3.2							27	3.2												
5 ha and under 10 ha																						
10 ha and over																						
Total	14,076	489.0	12,993	432.9	81	2.1			4,710	267.9	650	20.2	4,006	61.9			5,089	333.2	244	6.0	623	12.5

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	54	0.5						
Holding with land	14,427	404.2	135	8.7	1,218	22.0	81	1.6
Under 0.1 ha	785	11.1					27	0.1
0.1 ha and Under 0.2 ha	1,814	40.1	27	0.2	217	3.4		
0.2 ha and under 0.5 ha	5,495	143.8	54	1.2	406	8.4	54	1.5
0.5 ha and under 1 ha	4,710	116.4	27	0.1	325	3.5		
1 ha and under 2 ha	1,543	88.3	27	7.2	217	4.1		
2 ha and under 3 ha	54	3.6			27	1.8		
3 ha and under 4 ha								
4 ha and under 5 ha	27	0.8			27	0.8		
5 ha and under 10 ha								
10 ha and over								
Total	14,482	404.7	135	8.7	1,218	22.0	81	1.6

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	22,358	710.5	785	56.3	81	0.6	298	3.7	54	2.2	162	3.9
Under 0.1 ha	947	8.3										
0.1 ha and Under 0.2 ha	3,790	63.4	108	1.5								
0.2 ha and under 0.5 ha	8,608	217.4	298	15.0	54	0.5	162	1.3			108	1.9
0.5 ha and under 1 ha	6,713	275.5	271	31.4	27	0.1	81	1.2	54	2.2		
1 ha and under 2 ha	2,220	136.9	108	8.4			54	1.2			27	0.4
2 ha and under 3 ha	81	8.9										
3 ha and under 4 ha												
4 ha and under 5 ha											27	1.6
5 ha and under 10 ha												
10 ha and over												
Total	22,358	710.5	785	56.3	81	0.6	298	3.7	54	2.2	162	3.9

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	81	0.1			81	2.5	27	0.4
Under 0.1 ha								
0.1 ha and Under 0.2 ha					27	0.7		
0.2 ha and under 0.5 ha	27	0.0			27	0.2		
0.5 ha and under 1 ha	54	0.1					27	0.4
1 ha and under 2 ha					27	1.6		
2 ha and under 3 ha								
3 ha and under 4 ha								
4 ha and under 5 ha								
5 ha and under 10 ha								
10 ha and over								
Total	81	0.1			81	2.5	27	0.4

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	27	0.1	54	0.3	27	0.1								
Holding with land	6,578	66.8	9,609	122.3	6,605	52.2	1,814	95.0	2,707	40.3	4,818	24.6	162	5.7
Under 0.1 ha	217	1.3	352	3.0	379	2.2	108	1.3	27	0.0	271	1.5	27	0.0
0.1 ha and Under 0.2 ha	1,029	7.4	1,218	13.3	974	5.8	325	11.9	217	4.2	704	3.4		
0.2 ha and under 0.5 ha	2,084	17.2	3,762	42.6	2,111	13.6	704	24.1	785	9.1	1,516	7.3	27	2.4
0.5 ha and under 1 ha	2,193	30.7	3,248	36.7	2,409	18.6	487	39.8	974	19.1	1,651	8.2	27	0.1
1 ha and under 2 ha	1,002	10.0	1,002	24.8	704	11.9	189	17.9	623	5.6	650	4.1	81	3.2
2 ha and under 3 ha	27	0.2	27	1.8	27	0.1			54	2.0	27	0.1		
3 ha and under 4 ha														
4 ha and under 5 ha	27	0.1							27	0.2				
5 ha and under 10 ha														
10 ha and over														
Total	6,605	66.9	9,663	122.6	6,632	52.3	1,814	95.0	2,707	40.3	4,818	24.6	162	5.7

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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							81	0.3
Holding with land	2,138	28.0	1,029	15.2	1,137	10.3	12,506	184.8
Under 0.1 ha	162	0.5	81	0.2			704	9.6
0.1 ha and Under 0.2 ha	189	1.8	27	0.1	162	2.8	1,868	28.5
0.2 ha and under 0.5 ha	785	13.9	325	5.0	325	2.1	4,818	73.4
0.5 ha and under 1 ha	731	8.9	433	5.3	460	3.7	3,790	51.2
1 ha and under 2 ha	271	2.8	135	3.8	189	1.7	1,218	21.0
2 ha and under 3 ha			27	0.8			81	0.6
3 ha and under 4 ha								
4 ha and under 5 ha							27	0.5
5 ha and under 10 ha								
10 ha and over								
Total	2,138	28.0	1,029	15.2	1,137	10.3	12,587	185.1

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406	7.2	54								244	135
Holding with land	36,434	16,375.3	27,799	269.8	6,280	119.5	140,403	2,355	150.3	18,785	9,357,577	61,878
under 0.1 ha	3,302	205.7	1,110	2.5	244	1.6	1,678	162	0.9	974	6,036	1,949
0.1 ha and under 0.2 ha	6,929	1,039.7	4,710	12.4	1,164	10.3	15,402	244	2.1	2,490	26,771	6,523
0.2 ha and under 0.5 ha	13,994	4,626.7	11,071	82.7	2,788	48.6	76,197	893	34.1	5,332	121,645	19,760
0.5 ha and under 1 ha	9,068	6,263.2	8,202	111.6	1,489	31.2	27,285	893	80.4	5,793	9,166,555	26,527
1 ha and under 2 ha	3,005	3,886.2	2,571	60.7	596	27.8	19,841	162	32.9	4,196	35,730	6,632
2 ha and under 3 ha	108	236.7	108								812	135
3 ha and under 4 ha												
4 ha and under 5 ha	27	117.2	27								27	352
5 ha and under 10 ha												
10 ha and over												
Total	36,840	16,382.5	27,853	269.8	6,280	119.5	140,403	2,355	150.3	18,785	9,357,820	62,014

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	27								135	
Holding with land	5,684	17.7	1,137	17.1	18,406	54	0.5	541	12,370	8,743
under 0.1 ha	189	0.5	81	0.5	352				162	244
0.1 ha and under 0.2 ha	812	2.5	217	2.5	3,952				1,489	1,137
0.2 ha and under 0.5 ha	2,111	7.9	433	7.3	7,904	54	0.5	541	4,899	1,814
0.5 ha and under 1 ha	2,138	6.6	379	6.6	6,063				4,954	4,683
1 ha and under 2 ha	379	0.2	27	0.2	135				839	704
2 ha and under 3 ha	27								27	27
3 ha and under 4 ha										
4 ha and under 5 ha	27									135
5 ha and under 10 ha										
10 ha and over										
Total	5,711	17.7	1,137	17.1	18,406	54	0.5	541	12,370	8,878

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	839							1,841	1,570	
under 0.1 ha										
0.1 ha and under 0.2 ha	81							189	54	
0.2 ha and under 0.5 ha	244							460	108	
0.5 ha and under 1 ha	433							1,029	1,191	
1 ha and under 2 ha	81							162	217	
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	839							1,841	1,570	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	3,546	5.0	487	3.7	5,387	162	1.3	1,353	6,334	1,895
under 0.1 ha	135	0.3	27	0.1	108	54	0.3	271	108	54
0.1 ha and under 0.2 ha	325	0.6	108	0.5	379	27	0.1	406	271	217
0.2 ha and under 0.5 ha	1,029	1.7	162	1.2	3,708	54	0.5	325	1,570	514
0.5 ha and under 1 ha	1,353	1.7	108	1.3	947	27	0.4	352	2,978	947
1 ha and under 2 ha	650	0.6	81	0.6	244				1,326	162
2 ha and under 3 ha	54								81	
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	3,546	5.0	487	3.7	5,387	162	1.3	1,353	6,334	1,895

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	352							596	54	
under 0.1 ha										
0.1 ha and under 0.2 ha	27							54		
0.2 ha and under 0.5 ha	162							217		
0.5 ha and under 1 ha	81							162		
1 ha and under 2 ha	81							162	54	
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	352							596	54	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	2,734	13.0	1,002	12.6	12,316	81	0.4	244	3,898	568
under 0.1 ha	81	0.3	27	0.1	81	27	0.2	108	135	54
0.1 ha and under 0.2 ha	406	1.9	244	1.8	1,408	27	0.1	108	135	135
0.2 ha and under 0.5 ha	1,029	5.2	379	5.0	6,551	27	0.2	27	1,705	271
0.5 ha and under 1 ha	893	5.1	298	5.1	3,627				1,218	108
1 ha and under 2 ha	271	0.6	54	0.6	650				650	
2 ha and under 3 ha	27								27	
3 ha and under 4 ha										
4 ha and under 5 ha	27								27	
5 ha and under 10 ha										
10 ha and over										
Total	2,734	13.0	1,002	12.6	12,316	81	0.4	244	3,898	568

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	6,578	17.1	731	16.4	16,782	135	0.7	1,218	9,032,838	4,899
under 0.1 ha	162	0.3	27	0.2	189	27	0.1	135	81	81
0.1 ha and under 0.2 ha	758	0.5	108	0.4	974	54	0.1	135	1,029	379
0.2 ha and under 0.5 ha	2,274	4.5	352	4.4	9,826	27	0.0	541	2,680	1,164
0.5 ha and under 1 ha	2,490	1.4	162	0.9	1,083	27	0.4	406	9,027,776	2,165
1 ha and under 2 ha	839	10.5	81	10.5	4,710				1,245	1,002
2 ha and under 3 ha	27								27	27
3 ha and under 4 ha										
4 ha and under 5 ha	27									81
5 ha and under 10 ha										
10 ha and over										
Total	6,578	17.1	731	16.4	16,782	135	0.7	1,218	9,032,838	4,899

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	7,146	19.9	460	15.0	6,875	189	4.9	2,274	13,345	7,877
under 0.1 ha	352	0.2	27	0.2	162				677	217
0.1 ha and under 0.2 ha	839	0.4	54	0.3	244	27	0.0	54	1,164	433
0.2 ha and under 0.5 ha	2,599	3.0	244	2.5	1,299	54	0.5	189	4,223	1,489
0.5 ha and under 1 ha	2,463	12.6	54	8.3	3,654	108	4.3	2,030	5,089	5,468
1 ha and under 2 ha	866	3.7	81	3.7	1,516				2,165	244
2 ha and under 3 ha	27								27	27
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	7,146	19.9	460	15.0	6,875	189	4.9	2,274	13,345	7,877

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	6,767	21.6	866	18.2	38,356	271	3.4	9,257	31,372	16,566
under 0.1 ha	162	0.7	27	0.3	541	54	0.3	460	1,624	406
0.1 ha and under 0.2 ha	920	2.1	189	1.9	3,302	27	0.3	1,624	2,599	2,950
0.2 ha and under 0.5 ha	2,761	6.9	406	6.3	19,219	81	0.6	1,895	13,372	6,063
0.5 ha and under 1 ha	1,976	3.9	135	2.8	4,196	54	1.0	1,083	10,151	5,360
1 ha and under 2 ha	920	8.0	108	6.8	11,098	54	1.2	4,196	3,627	1,732
2 ha and under 3 ha	27									54
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	6,767	21.6	866	18.2	38,356	271	3.4	9,257	31,372	16,566

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	5,305	2.2	135	1.5	568	27	0.7	162	14,346	3,275
under 0.1 ha	271								677	677
0.1 ha and under 0.2 ha	866	0.3	54	0.3	244				1,353	812
0.2 ha and under 0.5 ha	1,868								4,277	460
0.5 ha and under 1 ha	1,705	1.4	27	0.7	135	27	0.7	162	6,334	1,056
1 ha and under 2 ha	568	0.5	54	0.5	189				1,651	271
2 ha and under 3 ha	27								54	
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	5,305	2.2	135	1.5	568	27	0.7	162	14,346	3,275

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	189							189	108	
under 0.1 ha	27								27	
0.1 ha and under 0.2 ha	54							27	27	
0.2 ha and under 0.5 ha	27							27		
0.5 ha and under 1 ha	27							27	54	
1 ha and under 2 ha	54							108		
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	189							189	108	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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

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

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

Table 7I. 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	54							54		
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	27							27		
0.5 ha and under 1 ha	27							27		
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	54							54		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	244	0.8				81	0.8	758	244	135
under 0.1 ha										
0.1 ha and under 0.2 ha	27	0.1				27	0.1	81		
0.2 ha and under 0.5 ha	135	0.1				27	0.1	135	217	81
0.5 ha and under 1 ha	81	0.7				27	0.7	541	27	54
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	244	0.8				81	0.8	758	244	135

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	974	0.9	54	0.8	6,821	27	0.1	81	1,164	81
under 0.1 ha										
0.1 ha and under 0.2 ha	108	0.1				27	0.1	81	108	
0.2 ha and under 0.5 ha	487	0.7	27	0.7	6,767				596	
0.5 ha and under 1 ha	298	0.1	27	0.1	54				379	81
1 ha and under 2 ha	81								81	
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	974	0.9	54	0.8	6,821	27	0.1	81	1,164	81

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	3,221	3.0	162	2.8	4,358	27	0.2	162	4,141	866
under 0.1 ha	27									54
0.1 ha and under 0.2 ha	487	0.3	54	0.3	298				514	108
0.2 ha and under 0.5 ha	1,164	1.1	81	0.9	3,654	27	0.2	162	1,489	162
0.5 ha and under 1 ha	1,056								1,570	162
1 ha and under 2 ha	487	1.6	27	1.6	406				568	379
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	3,221	3.0	162	2.8	4,358	27	0.2	162	4,141	866

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	4,114							7,714	1,326	
under 0.1 ha	244							460		
0.1 ha and under 0.2 ha	623							1,164	162	
0.2 ha and under 0.5 ha	1,570							2,490	271	
0.5 ha and under 1 ha	1,191							2,544	839	
1 ha and under 2 ha	460							1,029	54	
2 ha and under 3 ha	27							27		
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	4,114							7,714	1,326	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	677	2.1	54	1.4	162	27	0.7	271	1,002	54
under 0.1 ha	54								27	27
0.1 ha and under 0.2 ha	27								54	
0.2 ha and under 0.5 ha	271	0.0	27	0.0	27				433	27
0.5 ha and under 1 ha	271	2.1	27	1.4	135	27	0.7	271	298	
1 ha and under 2 ha	54								189	
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	677	2.1	54	1.4	162	27	0.7	271	1,002	54

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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										

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	1,002	0.6				54	0.6	541	2,896	623
under 0.1 ha	27								54	
0.1 ha and under 0.2 ha	27								27	54
0.2 ha and under 0.5 ha	244	0.3				27	0.3	135	244	406
0.5 ha and under 1 ha	460	0.3				27	0.3	406	2,301	27
1 ha and under 2 ha	244								271	135
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	1,002	0.6				54	0.6	541	2,896	623

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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										

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	2,111	1.6	81	1.2	920	81	0.4	1,516	4,006	947
under 0.1 ha	27									27
0.1 ha and under 0.2 ha	189								244	
0.2 ha and under 0.5 ha	623	1.1	54	0.9	325	54	0.3	1,380	1,137	108
0.5 ha and under 1 ha	893	0.2				27	0.2	135	2,030	650
1 ha and under 2 ha	325	0.3	27	0.3	596				460	27
2 ha and under 3 ha	27								135	
3 ha and under 4 ha										
4 ha and under 5 ha	27									135
5 ha and under 10 ha										
10 ha and over										
Total	2,111	1.6	81	1.2	920	81	0.4	1,516	4,006	947

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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.

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	135							189	568	
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	81							81	541	
0.5 ha and under 1 ha	27							54		
1 ha and under 2 ha	27							54	27	
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	135							189	568	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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						

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	27	1.4	1,056	133.5	54	0.7
Under 0.1 ha						
0.1 ha and under 0.2 ha	27	1.4				
0.2 ha and under 0.5 ha			460	30.9		
0.5 ha and under 1 ha			487	70.9	54	0.7
1 ha and under 2 ha			108	31.7		
2 ha and under 3 ha						
3 ha and under 4 ha						
4 ha and under 5 ha						
5 ha and under 10 ha						
10 ha and over						
Total	27	1.4	1,056	133.5	54	0.7

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

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	27			244		
Holding with land	19,976	28.9	29,450	209,969		
Under 0.1 ha	677	0.3	244	2,030		
0.1 ha and under 0.2 ha	3,086	2.3	4,602	15,943		
0.2 ha and under 0.5 ha	8,499	19.4	16,918	80,880		
0.5 ha and under 1 ha	6,090	4.0	7,390	89,894		
1 ha and under 2 ha	1,543	2.9	298	20,816		
2 ha and under 3 ha	81			406		
3 ha and under 4 ha						
4 ha and under 5 ha						
5 ha and under 10 ha						
10 ha and over						
Total	20,003	28.9	29,450	210,213		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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

Total area of holding	Total		Paddy												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with mineral/ chemical fertilizers and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using			Area (ha)	Quantity (Qtl.)
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both		
Holding without land	406	7.2													
Holding with land	36,434	16,375.3	31,941	30,695	1,191	54	3,925	19,787	406	5,495	24,822	298	1,353	1,022.9	1,610
under 0.1 ha	3,302	205.7	2,111	2,084	27		244	974		162	1,787		54	6.1	9
0.1 ha and under 0.2 ha	6,929	1,039.7	5,224	5,035	162	27	677	2,517	27	1,002	3,762	54	271	74.6	98
0.2 ha and under 0.5 ha	13,994	4,626.7	12,830	12,181	623	27	1,462	8,012	325	2,409	9,690	162	541	398.6	948
0.5 ha and under 1 ha	9,068	6,263.2	8,716	8,418	298		1,164	5,847	27	1,678	7,092	54	406	430.3	441
1 ha and under 2 ha	3,005	3,886.2	2,923	2,842	81		379	2,328	27	244	2,409	27	54	107.8	111
2 ha and under 3 ha	108	236.7	108	108				81			54		27	5.6	4
3 ha and under 4 ha															
4 ha and under 5 ha	27	117.2	27	27				27			27				
5 ha and under 10 ha															
10 ha and over															
Total	36,840	16,382.5	31,941	30,695	1,191	54	3,925	19,787	406	5,495	24,822	298	1,353	1,022.9	1,610

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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

Total area of holding	Total		Maize												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with mineral/ chemical fertilizer and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using				
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both	Area (ha)	Quantity (Qtl.)
Holding without land	406	7.2	81	81			27	27			54				
Holding with land	36,434	16,375.3	20,464	19,543	812	108	2,626	12,208		189	19,191	27	217	24.7	39
under 0.1 ha	3,302	205.7	1,218	1,218			81	217			1,191				
0.1 ha and under 0.2 ha	6,929	1,039.7	3,140	3,032	108		298	1,272			2,869		81	2.2	4
0.2 ha and under 0.5 ha	13,994	4,626.7	7,850	7,444	406		947	5,224		54	7,200	27	108	10.8	20
0.5 ha and under 1 ha	9,068	6,263.2	6,117	5,874	162	81	1,002	4,033		108	5,874		27	10.2	14
1 ha and under 2 ha	3,005	3,886.2	2,057	1,922	108	27	298	1,380		27	2,003			1.5	1
2 ha and under 3 ha	108	236.7	54	54				54			27				
3 ha and under 4 ha															
4 ha and under 5 ha	27	117.2	27		27			27			27				
5 ha and under 10 ha															
10 ha and over															
Total	36,840	16,382.5	20,545	19,625	812	108	2,653	12,235		189	19,246	27	217	24.7	39

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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

Total area of holding	Total		Wheat												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area Treated with mineral/ chemical fertilizer and quantity used	
				No. of holdings using				No. of holdings using	No. of holdings using			No. of holdings using			
				Local seeds	Improved seeds	Hybrid seeds	Local fertilizers		Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both	Area (ha)	Quantity (Qtl.)
Holding without land	406	7.2	27	27							27				
Holding with land	36,434	16,375.3	35,162	33,700	1,462	3,898	19,083	568	5,874	28,692	514	1,922	1,049.9	1,767	
under 0.1 ha	3,302	205.7	2,734	2,734		298	1,029		108	2,463	54	54	6.0	12	
0.1 ha and under 0.2 ha	6,929	1,039.7	6,523	6,307	217	623	2,301	81	1,245	5,143	108	298	89.3	207	
0.2 ha and under 0.5 ha	13,994	4,626.7	13,805	13,020	785	1,326	7,579	352	2,680	10,827	271	920	453.1	910	
0.5 ha and under 1 ha	9,068	6,263.2	9,014	8,689	325	1,191	5,738	108	1,597	7,633	54	596	393.3	522	
1 ha and under 2 ha	3,005	3,886.2	2,950	2,842	108	460	2,355	27	244	2,544	27	27	102.5	112	
2 ha and under 3 ha	108	236.7	108	108			81			54		27	5.6	4	
3 ha and under 4 ha															
4 ha and under 5 ha	27	117.2	27		27					27					
5 ha and under 10 ha															
10 ha and over															
Total	36,840	16,382.5	35,189	33,727	1,462	3,898	19,083	568	5,874	28,720	514	1,922	1,049.9	1,767	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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

Total area of holding	Total		Potato												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with mineral/ chemical fertilizer and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using				
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical fertilizers	Both	Local fertilizers	Mineral/chemical fertilizers	Both	Area (ha)	Quantity (Qtl.)
Holding without land	406	7.2	54	54				27			27				
Holding with land	36,434	16,375.3	14,427	13,886	162	379	2,111	9,284		325	13,074	27	81	17.2	26
under 0.1 ha	3,302	205.7	785	785			162	298			758				
0.1 ha and under 0.2 ha	6,929	1,039.7	1,814	1,732	27	54	189	893		108	1,462		27	2.4	8
0.2 ha and under 0.5 ha	13,994	4,626.7	5,495	5,360	27	108	731	3,708		108	5,008			1.8	2
0.5 ha and under 1 ha	9,068	6,263.2	4,710	4,520	81	108	785	3,221		54	4,358	27	54	10.6	12
1 ha and under 2 ha	3,005	3,886.2	1,543	1,408	27	108	244	1,110		54	1,435			2.4	4
2 ha and under 3 ha	108	236.7	54	54				54			27				
3 ha and under 4 ha															
4 ha and under 5 ha	27	117.2	27	27							27				
5 ha and under 10 ha															
10 ha and over															
Total	36,840	16,382.5	14,482	13,940	162	379	2,111	9,312		325	13,101	27	81	17.2	26

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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

Total area of holding	Total		Sugarcane												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with chemical/mineral fertilizer and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using				
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both	Area (ha)	Quantity (Qtl.)
Holding without land	406	7.2													
Holding with land	36,434	16,375.3	81	81		27	27		27	54		27	1.4	1	
under 0.1 ha	3,302	205.7													
0.1 ha and under 0.2 ha	6,929	1,039.7													
0.2 ha and under 0.5 ha	13,994	4,626.7	27	27		27	27			27					
0.5 ha and under 1 ha	9,068	6,263.2	54	54					27	27		27	1.4	1	
1 ha and under 2 ha	3,005	3,886.2													
2 ha and under 3 ha	108	236.7													
3 ha and under 4 ha															
4 ha and under 5 ha	27	117.2													
5 ha and under 10 ha															
10 ha and over															
Total	36,840	16,382.5	81	81		27	27		27	54		27	1.4	1	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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

Total area of holding	Total		Vegetables												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with chemical/ mineral fertilizer and quantity used	
				No. of holdings using				No. of holdings using	No. of holdings using						
				Local seeds	Improved seeds	Hybrid seeds	No. of holdings using		Local fertilizers	Mineral/chemical fertilizers	Both	Local fertilizers	Mineral/chemical fertilizers	Both	Area (ha)
Holding without land	406	7.2	81	81							81				
Holding with land	36,434	16,375.3	13,805	13,426	81	298	2,923	8,987	27	162	12,614		81	9.1	14
under 0.1 ha	3,302	205.7	866	866			189	325			839				
0.1 ha and under 0.2 ha	6,929	1,039.7	2,030	2,003	27		217	947		27	1,624		54	4.0	4
0.2 ha and under 0.5 ha	13,994	4,626.7	5,170	5,062	27	81	1,137	3,708		81	4,845		27	2.5	5
0.5 ha and under 1 ha	9,068	6,263.2	4,250	4,114	27	108	1,056	2,869	27	27	4,006			2.2	2
1 ha and under 2 ha	3,005	3,886.2	1,380	1,272		108	325	1,056		27	1,218			0.3	3
2 ha and under 3 ha	108	236.7	81	81				81			54				
3 ha and under 4 ha															
4 ha and under 5 ha	27	117.2	27	27							27				
5 ha and under 10 ha															
10 ha and over															
Total	36,840	16,382.5	13,886	13,507	81	298	2,923	8,987	27	162	12,695		81	9.1	14

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406	7.2	54	54			27				54				
Holding with land	36,434	16,375.3	33,402	33,294	54	54	5,062	20,382	1,002	30,587	54	10.5	16		
under 0.1 ha	3,302	205.7	2,111	2,111			379	839	54	2,030			0.2	1	
0.1 ha and under 0.2 ha	6,929	1,039.7	6,117	6,090	27		812	2,490	406	5,224		27	3.1	5	
0.2 ha and under 0.5 ha	13,994	4,626.7	13,345	13,291	27	27	2,030	8,364	406	12,181		27	5.8	6	
0.5 ha and under 1 ha	9,068	6,263.2	8,770	8,743		27	1,435	6,253	108	8,310			0.8	3	
1 ha and under 2 ha	3,005	3,886.2	2,923	2,923			406	2,328	27	2,734			0.6	1	
2 ha and under 3 ha	108	236.7	108	108				81		81					
3 ha and under 4 ha															
4 ha and under 5 ha	27	117.2	27	27				27		27					
5 ha and under 10 ha															
10 ha and over															
Total	36,840	16,382.5	33,456	33,348	54	54	5,089	20,382	1,002	30,641	54	10.5	16		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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

Total area of holding	Livestock											
	Total		Cattle		Yak/Nak/Chauri		Buffalo		Goat		Sheep	
	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads
Holding without land	398	1,423	235	466			174	340	165	617		
Holding with land	34,581	251,617	32,274	109,494			10,356	17,618	23,916	121,155	467	2,186
Under 0.1 ha	2,785	11,451	2,322	5,433			260	369	1,455	5,586		
0.1 ha and under 0.2 ha	6,444	38,553	5,870	18,473			1,128	1,872	3,844	18,207		
0.2 ha and under 0.5 ha	13,472	99,793	12,732	43,078			3,645	5,873	9,693	48,141	350	1,943
0.5 ha and under 1 ha	8,831	71,105	8,479	32,031			3,298	5,504	6,645	33,174	117	243
1 ha and under 2 ha	2,917	29,460	2,740	9,987			1,938	3,915	2,197	15,368		
2 ha and under 3 ha	106	1,088	104	414			58	57	55	617		
3 ha and under 4 ha												
4 ha and under 5 ha	27	168	26	78			29	28	27	62		
5 ha and under 10 ha												
10 ha and over												
Total	34,979	253,041	32,509	109,960			10,530	17,958	24,081	121,772	467	2,186

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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

Total area of holding	Livestock									
	pig		Horse		Mules and Asses		Rabbit		Other	
	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads
Holding without land										
Holding with land	373	948							162	217
Under 0.1 ha	75	63								
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	149	758								
0.5 ha and under 1 ha	149	126							27	27
1 ha and under 2 ha									135	189
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	373	948							162	217

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	235	466	466		155	155		103	103		52	52	
Holding with land	32,274	109,494	109,443	52	19,017	19,017		9,418	9,418		9,599	9,599	
under 0.1 ha	2,322	5,433	5,433		931	931		543	543		388	388	
0.1 ha and under 0.2 ha	5,870	18,473	18,473		3,156	3,156		1,449	1,449		1,708	1,708	
0.2 ha and under 0.5 ha	12,732	43,078	43,078		7,788	7,788		3,881	3,881		3,907	3,907	
0.5 ha and under 1 ha	8,479	32,031	31,979	52	5,744	5,744		3,001	3,001		2,743	2,743	
1 ha and under 2 ha	2,740	9,987	9,987		1,294	1,294		517	517		776	776	
2 ha and under 3 ha	104	414	414		103	103		26	26		78	78	
3 ha and under 4 ha													
4 ha and under 5 ha	26	78	78										
5 ha and under 10 ha													
10 ha and over													
Total	32,509	109,960	109,908	52	19,172	19,172		9,521	9,521		9,651	9,651	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	78	78		26	26		52	52	
Holding with land	18,033	18,033		8,383	8,383		9,651	9,651	
under 0.1 ha	906	906		336	336		569	569	
0.1 ha and under 0.2 ha	2,975	2,975		1,320	1,320		1,656	1,656	
0.2 ha and under 0.5 ha	7,374	7,374		3,467	3,467		3,907	3,907	
0.5 ha and under 1 ha	5,045	5,045		2,303	2,303		2,743	2,743	
1 ha and under 2 ha	1,708	1,708		957	957		750	750	
2 ha and under 3 ha	26	26					26	26	
3 ha and under 4 ha									
4 ha and under 5 ha									
5 ha and under 10 ha									
10 ha and over									
Total	18,111	18,111		8,409	8,409		9,702	9,702	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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

Total area of holding	Cattle											
	Three years and over											
	Total			Male			Female					
	Number of heads			Number of heads			Cows			Cows in milk		
	Total	Local	Improved	Total	Local	Improved	Number of heads			Number of heads		
Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	
Holding without land	233	233		52	52		103	103		78	78	
Holding with land	72,444	72,392	52	33,635	33,583	52	17,024	17,024		21,785	21,785	
Under 0.1 ha	3,596	3,596		1,320	1,320		1,113	1,113		1,164	1,164	
0.1 ha and Under 0.2 ha	12,341	12,341		5,614	5,614		2,613	2,613		4,114	4,114	
0.2 ha and Under 0.5 ha	27,917	27,917		12,781	12,781		6,934	6,934		8,202	8,202	
0.5 ha and Under 1 ha	21,242	21,190	52	10,090	10,039	52	4,838	4,838		6,313	6,313	
1 ha and Under 2 ha	6,986	6,986		3,700	3,700		1,371	1,371		1,915	1,915	
2 ha and Under 3 ha	285	285		103	103		103	103		78	78	
3 ha and Under 4 ha												
4 ha and Under 5 ha	78	78		26	26		52	52				
5 ha and Under 10 ha												
10 ha and over												
Total	72,677	72,625	52	33,687	33,635	52	17,128	17,128		21,863	21,863	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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

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

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	174	340	340		85	85		57	57		28	28	
Holding with land	10,356	17,618	17,589	28	2,809	2,809		1,333	1,333		1,475	1,475	
under 0.1 ha	260	369	369		57	57		57	57				
0.1 ha and under 0.2 ha	1,128	1,872	1,844	28	369	369		227	227		142	142	
0.2 ha and under 0.5 ha	3,645	5,873	5,873		993	993		426	426		567	567	
0.5 ha and under 1 ha	3,298	5,504	5,504		1,021	1,021		454	454		567	567	
1 ha and under 2 ha	1,938	3,915	3,915		369	369		170	170		199	199	
2 ha and under 3 ha	58	57	57										
3 ha and under 4 ha													
4 ha and under 5 ha	29	28	28										
5 ha and under 10 ha													
10 ha and over													
Total	10,530	17,958	17,930	28	2,894	2,894		1,390	1,390		1,504	1,504	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	57	57		57	57				
Holding with land	3,149	3,121	28	908	908		2,241	2,213	28
under 0.1 ha	85	85		28	28		57	57	
0.1 ha and under 0.2 ha	397	369	28	170	170		227	199	28
0.2 ha and under 0.5 ha	1,106	1,106		340	340		766	766	
0.5 ha and under 1 ha	879	879		255	255		624	624	
1 ha and under 2 ha	681	681		113	113		567	567	
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	3,206	3,177	28	965	965		2,241	2,213	28

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	199	199		28	28		113	113		57	57	
Holding with land	11,660	11,660		965	965		5,589	5,589		5,107	5,107	
Under 0.1 ha	227	227					199	199		28	28	
0.1 ha and Under 0.2 ha	1,106	1,106		113	113		454	454		539	539	
0.2 ha and Under 0.5 ha	3,773	3,773		369	369		1,674	1,674		1,731	1,731	
0.5 ha and Under 1 ha	3,603	3,603		227	227		1,844	1,844		1,532	1,532	
1 ha and Under 2 ha	2,865	2,865		255	255		1,362	1,362		1,248	1,248	
2 ha and Under 3 ha	57	57					28	28		28	28	
3 ha and Under 4 ha												
4 ha and Under 5 ha	28	28					28	28				
5 ha and Under 10 ha												
10 ha and over												
Total	11,859	11,859		993	993		5,702	5,702		5,163	5,163	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	165	617	617		247	247		216	216		31	31	
Holding with land	23,916	121,155	121,155		31,261	31,261		13,640	13,640		17,621	17,621	
Under 0.1 ha	1,455	5,586	5,586		1,512	1,512		617	617		895	895	
0.1 ha and Under 0.2 ha	3,844	18,207	18,207		4,536	4,536		2,068	2,068		2,469	2,469	
0.2 ha and Under 0.5 ha	9,693	48,141	48,141		13,054	13,054		5,709	5,709		7,345	7,345	
0.5 ha and Under 1 ha	6,645	33,174	33,174		8,363	8,363		3,641	3,641		4,722	4,722	
1 ha and Under 2 ha	2,197	15,368	15,368		3,456	3,456		1,450	1,450		2,006	2,006	
2 ha and Under 3 ha	55	617	617		278	278		123	123		154	154	
3 ha and Under 4 ha													
4 ha and Under 5 ha	27	62	62		62	62		31	31		31	31	
5 ha and Under 10 ha													
10 ha and over													
Total	24,081	121,772	121,772		31,508	31,508		13,856	13,856		17,652	17,652	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	370	370		62	62		309	309	
Holding with land	89,894	89,894		12,066	12,066		77,828	77,828	
Under 0.1 ha	4,073	4,073		401	401		3,672	3,672	
0.1 ha and Under 0.2 ha	13,671	13,671		2,191	2,191		11,480	11,480	
0.2 ha and Under 0.5 ha	35,087	35,087		4,444	4,444		30,644	30,644	
0.5 ha and Under 1 ha	24,811	24,811		3,950	3,950		20,861	20,861	
1 ha and Under 2 ha	11,912	11,912		1,080	1,080		10,832	10,832	
2 ha and Under 3 ha	339	339					339	339	
3 ha and Under 4 ha									
4 ha and Under 5 ha									
5 ha and Under 10 ha									
10 ha and over									
Total	90,264	90,264		12,128	12,128		78,137	78,137	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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

Total area of holding	Sheep												
	All ages				Under six months								
	No. of holdings	No. of heads			No. of heads			No. of heads			No. of heads		
		Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land													
Holding with land	467	2,186	2,186		729	729					729	729	
Under 0.1 ha													
0.1 ha and Under 0.2 ha													
0.2 ha and Under 0.5 ha	350	1,943	1,943		729	729					729	729	
0.5 ha and Under 1 ha	117	243	243										
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	467	2,186	2,186		729	729					729	729	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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

Total area of holding	Sheep								
	Six months and over								
	Total			Male			Female		
	No. of heads			No. of heads			No. of heads		
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land									
Holding with land	1,457	1,457		243	243		1,214	1,214	
Under 0.1 ha									
0.1 ha and Under 0.2 ha									
0.2 ha and Under 0.5 ha	1,214	1,214		243	243		972	972	
0.5 ha and Under 1 ha	243	243					243	243	
1 ha and Under 2 ha									
2 ha and Under 3 ha									
3 ha and Under 4 ha									
4 ha and Under 5 ha									
5 ha and Under 10 ha									
10 ha and over									
Total	1,457	1,457		243	243		1,214	1,214	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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

Total area of holding	Pig									
	Total			Under six months			Six months and over			
	No. of holdings	Number of heads			Number of heads			Number of heads		
		Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land										
Holding with land	373	948	948	758	758		190	190		
Under 0.1 ha	75	63	63	63	63					
0.1 ha and Under 0.2 ha										
0.2 ha and Under 0.5 ha	149	758	758	632	632		126	126		
0.5 ha and Under 1 ha	149	126	126	63	63		63	63		
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	373	948	948	758	758		190	190		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	27	162	27	162			81	81					
Holding with land	13,101	74,979	12,885	73,626	39,060	9,203	10,124	15,239	785	1,353	1,353		
Under 0.1 ha	974	3,979	974	3,952	2,409	352	758	433	27	27	27		
0.1 ha and Under 0.2 ha	2,544	14,265	2,463	13,859	7,606	1,787	1,678	2,788	271	406	406		
0.2 ha and Under 0.5 ha	5,766	31,697	5,711	31,318	15,754	4,331	4,575	6,659	244	379	379		
0.5 ha and Under 1 ha	2,923	20,816	2,842	20,410	11,748	2,138	2,193	4,331	162	406	406		
1 ha and Under 2 ha	893	4,223	893	4,087	1,543	596	920	1,029	81	135	135		
2 ha and Under 3 ha													
3 ha and Under 4 ha													
4 ha and Under 5 ha													
5 ha and Under 10 ha													
10 ha and over													
Total	13,128	75,142	12,912	73,788	39,060	9,203	10,205	15,321	785	1,353	1,353		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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					27	27
Under 0.1 ha						
0.1 ha and Under 0.2 ha						
0.2 ha and Under 0.5 ha					27	27
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					27	27

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406	7.2											
Holding with land	36,434	16,375.3										217	
Under 0.1 ha	3,302	205.7											
0.1 ha and Under 0.2 ha	6,929	1,039.7											
0.2 ha and Under 0.5 ha	13,994	4,626.7										81	
0.5 ha and Under 1 ha	9,068	6,263.2										81	
1 ha and Under 2 ha	3,005	3,886.2										54	
2 ha and Under 3 ha	108	236.7											
3 ha and Under 4 ha													
4 ha and Under 5 ha	27	117.2											
5 ha and Under 10 ha													
10 ha and over													
Total	36,840	16,382.5										217	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406	7.2												
Holding with land	36,434	16,375.3												
Under 0.1 ha	3,302	205.7												
0.1 ha and Under 0.2 ha	6,929	1,039.7												
0.2 ha and Under 0.5 ha	13,994	4,626.7												
0.5 ha and Under 1 ha	9,068	6,263.2												
1 ha and Under 2 ha	3,005	3,886.2												
2 ha and Under 3 ha	108	236.7												
3 ha and Under 4 ha														
4 ha and Under 5 ha	27	117.2												
5 ha and Under 10 ha														
10 ha and over														
Total	36,840	16,382.5												

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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												

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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												

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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													
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													

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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							217	217	189	27		
Under 0.1 ha												
0.1 ha and Under 0.2 ha												
0.2 ha and Under 0.5 ha							54	54	54			
0.5 ha and Under 1 ha							81	81	81			
1 ha and Under 2 ha							81	81	54	27		
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							217	217	189	27		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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						
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						

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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										
Holding with land	5,576	5,820	5,684	54	81	1,083	1,083	1,083		
Under 0.1 ha	352	352	352			135	135	135		
0.1 ha and Under 0.2 ha	1,164	1,164	1,164			352	352	352		
0.2 ha and Under 0.5 ha	2,193	2,301	2,193	54	54	433	433	433		
0.5 ha and Under 1 ha	1,489	1,570	1,543		27	162	162	162		
1 ha and Under 2 ha	379	433	433							
2 ha and Under 3 ha										
3 ha and Under 4 ha										
4 ha and Under 5 ha										
5 ha and Under 10 ha										
10 ha and over										
Total	5,576	5,820	5,684	54	81	1,083	1,083	1,083		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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

Total area of holding	For storing agricultural products					For miscellaneous purposes				
	No. of holdings reporting the use	Number by source				No. of holdings reporting the use	Number by source			
		Total	Owned	Rented	Others		Total	Owned	Rented	Others
Holding without land										
Holding with land	27	27	27							
Under 0.1 ha										
0.1 ha and Under 0.2 ha										
0.2 ha and Under 0.5 ha	27	27	27							
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	27	27	27							

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406	7.2					
Holding with land	36,434	16,375.3	6,415	2,301	354.7	500,927	53,541
Under 0.1 ha	3,302	205.7	271	27	0.1	108	1,245
0.1 ha and Under 0.2 ha	6,929	1,039.7	1,029	135	2.9	1,895	15,239
0.2 ha and Under 0.5 ha	13,994	4,626.7	2,436	839	52.7	173,968	23,983
0.5 ha and Under 1 ha	9,068	6,263.2	2,084	947	105.7	252,845	10,665
1 ha and Under 2 ha	3,005	3,886.2	596	352	193.3	72,110	2,409
2 ha and Under 3 ha	108	236.7					
3 ha and Under 4 ha							
4 ha and Under 5 ha	27	117.2					
5 ha and Under 10 ha							
10 ha and over							
Total	36,840	16,382.5	6,415	2,301	354.7	500,927	53,541

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406	7.2					
Holding with land	36,434	16,375.3	6,415	5,008	108	189	1,110
Under 0.1 ha	3,302	205.7	271	162			108
0.1 ha and Under 0.2 ha	6,929	1,039.7	1,029	812			217
0.2 ha and Under 0.5 ha	13,994	4,626.7	2,436	1,759	54	108	514
0.5 ha and Under 1 ha	9,068	6,263.2	2,084	1,787	54	81	162
1 ha and Under 2 ha	3,005	3,886.2	596	487			108
2 ha and Under 3 ha	108	236.7					
3 ha and Under 4 ha							
4 ha and Under 5 ha	27	117.2					
5 ha and Under 10 ha							
10 ha and over							
Total	36,840	16,382.5	6,415	5,008	108	189	1,110

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406	7.2			54	
Holding with land	36,434	16,375.3	81		1,678	
Under 0.1 ha	3,302	205.7				
0.1 ha and Under 0.2 ha	6,929	1,039.7			162	
0.2 ha and Under 0.5 ha	13,994	4,626.7	54		839	
0.5 ha and Under 1 ha	9,068	6,263.2	27		596	
1 ha and Under 2 ha	3,005	3,886.2			81	
2 ha and Under 3 ha	108	236.7				
3 ha and Under 4 ha						
4 ha and Under 5 ha	27	117.2				
5 ha and Under 10 ha						
10 ha and over						
Total	36,840	16,382.5	81		1,732	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406	7.2						
Holding with land	36,434	16,375.3						
Under 0.1 ha	3,302	205.7						
0.1 ha and Under 0.2 ha	6,929	1,039.7						
0.2 ha and Under 0.5 ha	13,994	4,626.7						
0.5 ha and Under 1 ha	9,068	6,263.2						
1 ha and Under 2 ha	3,005	3,886.2						
2 ha and Under 3 ha	108	236.7						
3 ha and Under 4 ha								
4 ha and Under 5 ha	27	117.2						
5 ha and Under 10 ha								
10 ha and over								
Total	36,840	16,382.5						

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406	7.2	352	54						54	
Holding with land	36,434	16,375.3	28,855	7,579	379	298	460	920	1,543	3,411	568
Under 0.1 ha	3,302	205.7	2,463	839		54		108	135	487	54
0.1 ha and Under 0.2 ha	6,929	1,039.7	5,414	1,516	81		81	244	325	650	135
0.2 ha and Under 0.5 ha	13,994	4,626.7	11,044	2,950	271	108	217	271	623	1,191	271
0.5 ha and Under 1 ha	9,068	6,263.2	7,308	1,759	27	54	135	217	433	812	81
1 ha and Under 2 ha	3,005	3,886.2	2,490	514		81	27	81	27	271	27
2 ha and Under 3 ha	108	236.7	108								
3 ha and Under 4 ha											
4 ha and Under 5 ha	27	117.2	27								
5 ha and Under 10 ha											
10 ha and over											
Total	36,840	16,382.5	29,207	7,633	379	298	460	920	1,543	3,465	568

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406	7.2	189				162		27
Holding with land	36,434	16,375.3	15,321	704	2,165	162	10,773	81	1,435
Under 0.1 ha	3,302	205.7	1,408	54	108	54	1,137		54
0.1 ha and Under 0.2 ha	6,929	1,039.7	2,761	135	406	54	1,868		298
0.2 ha and Under 0.5 ha	13,994	4,626.7	6,280	244	568	54	4,845		568
0.5 ha and Under 1 ha	9,068	6,263.2	3,925	189	893		2,355	81	406
1 ha and Under 2 ha	3,005	3,886.2	920	81	189		568		81
2 ha and Under 3 ha	108	236.7							
3 ha and Under 4 ha									
4 ha and Under 5 ha	27	117.2	27						27
5 ha and Under 10 ha									
10 ha and over									
Total	36,840	16,382.5	15,510	704	2,165	162	10,936	81	1,462

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406	7.2	1,787	4.4	162	244		406
Holding with land	36,434	16,375.3	206,477	5.7	33,917	2,517	7,173	29,261
Under 0.1 ha	3,302	205.7	15,158	4.6	2,355	947	406	2,896
0.1 ha and Under 0.2 ha	6,929	1,039.7	32,726	4.7	6,145	785	974	5,955
0.2 ha and Under 0.5 ha	13,994	4,626.7	80,258	5.7	13,426	568	2,517	11,477
0.5 ha and Under 1 ha	9,068	6,263.2	55,869	6.2	8,905	162	2,274	6,794
1 ha and Under 2 ha	3,005	3,886.2	21,573	7.2	2,950	54	893	2,111
2 ha and Under 3 ha	108	236.7	731	6.8	108		81	27
3 ha and Under 4 ha								
4 ha and Under 5 ha	27	117.2	162	6.0	27		27	
5 ha and Under 10 ha								
10 ha and over								
Total	36,840	16,382.5	208,264	5.7	34,079	2,761	7,173	29,667

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406	406		54	27	325	54	271		81			
Holding with land	36,434	29,261	5,522	14,265	7,336	2,138	568	13,345	1,489	12,154	162	1,272	271
Under 0.1 ha	3,302	2,896	108	812	1,083	893	108	1,408	189	1,002	54	81	54
0.1 ha and Under 0.2 ha	6,929	5,955	514	2,761	2,003	677	108	3,059	514	1,949	54	135	135
0.2 ha and Under 0.5 ha	13,994	11,477	2,220	5,928	2,815	514	217	5,387	433	4,602	27	758	54
0.5 ha and Under 1 ha	9,068	6,794	2,165	3,384	1,218	27	81	2,707	244	3,438	27	271	27
1 ha and Under 2 ha	3,005	2,111	514	1,353	217	27	54	758	108	1,164		27	
2 ha and Under 3 ha	108	27		27				27					
3 ha and Under 4 ha													
4 ha and Under 5 ha	27												
5 ha and Under 10 ha													
10 ha and over													
Total	36,840	29,667	5,522	14,319	7,363	2,463	623	13,615	1,489	12,235	162	1,272	271

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406	7.2	54	135	108	81	27	
Holding with land	36,434	16,375.3	1,543	6,415	5,305	7,471	6,280	9,420
Under 0.1 ha	3,302	205.7	298	1,002	541	677	460	325
0.1 ha and Under 0.2 ha	6,929	1,039.7	406	1,624	1,245	1,191	1,110	1,353
0.2 ha and Under 0.5 ha	13,994	4,626.7	487	2,138	1,732	2,707	2,896	4,033
0.5 ha and Under 1 ha	9,068	6,263.2	298	1,462	1,245	2,355	1,462	2,247
1 ha and Under 2 ha	3,005	3,886.2	54	189	514	514	352	1,380
2 ha and Under 3 ha	108	236.7			27	27		54
3 ha and Under 4 ha								
4 ha and Under 5 ha	27	117.2						27
5 ha and Under 10 ha								
10 ha and over								
Total	36,840	16,382.5	1,597	6,551	5,414	7,552	6,307	9,420

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406	7.2	352					54
Holding with land	36,434	16,375.3	34,350			514	27	1,543
Under 0.1 ha	3,302	205.7	2,978			27		298
0.1 ha and Under 0.2 ha	6,929	1,039.7	6,415			108		406
0.2 ha and Under 0.5 ha	13,994	4,626.7	13,236			271		487
0.5 ha and Under 1 ha	9,068	6,263.2	8,662			81	27	298
1 ha and Under 2 ha	3,005	3,886.2	2,923			27		54
2 ha and Under 3 ha	108	236.7	108					
3 ha and Under 4 ha								
4 ha and Under 5 ha	27	117.2	27					
5 ha and Under 10 ha								
10 ha and over								
Total	36,840	16,382.5	34,702			514	27	1,597

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406	7.2	325	81	406		
Holding with land	36,434	16,375.3	32,455	3,979	36,272	162	
Under 0.1 ha	3,302	205.7	2,923	379	3,275	27	
0.1 ha and Under 0.2 ha	6,929	1,039.7	6,145	785	6,875	54	
0.2 ha and Under 0.5 ha	13,994	4,626.7	12,614	1,380	13,967	27	
0.5 ha and Under 1 ha	9,068	6,263.2	7,823	1,245	9,014	54	
1 ha and Under 2 ha	3,005	3,886.2	2,842	162	3,005		
2 ha and Under 3 ha	108	236.7	81	27	108		
3 ha and Under 4 ha							
4 ha and Under 5 ha	27	117.2	27		27		
5 ha and Under 10 ha							
10 ha and over							
Total	36,840	16,382.5	32,780	4,060	36,678	162	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406	7.2	406		81			27	298			
Holding with land	36,434	16,375.3	36,299	135	35,297	623	81	81	54			298
Under 0.1 ha	3,302	205.7	3,302		2,869	189		54	27			162
0.1 ha and Under 0.2 ha	6,929	1,039.7	6,875	54	6,578	244		27				81
0.2 ha and Under 0.5 ha	13,994	4,626.7	13,940	54	13,724	162	54					54
0.5 ha and Under 1 ha	9,068	6,263.2	9,041	27	9,014	27	27					
1 ha and Under 2 ha	3,005	3,886.2	3,005		2,978				27			
2 ha and Under 3 ha	108	236.7	108		108							
3 ha and Under 4 ha												
4 ha and Under 5 ha	27	117.2	27		27							
5 ha and Under 10 ha												
10 ha and over												
Total	36,840	16,382.5	36,705	135	35,378	623	81	108	352			298

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406	7.2		81			27							
Holding with land	36,434	16,375.3		677		162	947	514	54		81	108		460
Under 0.1 ha	3,302	205.7		81		54	135	135						54
0.1 ha and Under 0.2 ha	6,929	1,039.7		81		27	108	162	27					135
0.2 ha and Under 0.5 ha	13,994	4,626.7		244		54	244	108			27	27		189
0.5 ha and Under 1 ha	9,068	6,263.2		189		27	325	108	27			54		81
1 ha and Under 2 ha	3,005	3,886.2		81			135				27	27		
2 ha and Under 3 ha	108	236.7												
3 ha and Under 4 ha														
4 ha and Under 5 ha	27	117.2									27			
5 ha and Under 10 ha														
10 ha and over														
Total	36,840	16,382.5		758		162	974	514	54		81	108		460

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406	7.2						
Holding with land	36,434	16,375.3	4,981	575.5			298	23.2
Under 0.1 ha	3,302	205.7	162	7.6			54	1.3
0.1 ha and Under 0.2 ha	6,929	1,039.7	596	38.1			54	5.9
0.2 ha and Under 0.5 ha	13,994	4,626.7	1,895	164.5			54	6.9
0.5 ha and Under 1 ha	9,068	6,263.2	1,462	191.6			135	9.1
1 ha and Under 2 ha	3,005	3,886.2	839	167.8				
2 ha and Under 3 ha	108	236.7	27	5.9				
3 ha and Under 4 ha								
4 ha and Under 5 ha	27	117.2						
5 ha and Under 10 ha								
10 ha and over								
Total	36,840	16,382.5	4,981	575.5			298	23.2

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406												
Holding with land	36,434	54	81	54	27	1,353	26,229	12,208	14,021	26,283	831,945	333,211	498,734
Under 0.1 ha	3,302					135	3,384	1,732	1,651	1,272	23,874	8,851	15,023
0.1 ha and Under 0.2 ha	6,929					217	2,680	893	1,787	4,196	98,502	39,709	58,792
0.2 ha and Under 0.5 ha	13,994	27	54	27	27	352	7,714	3,573	4,141	10,936	363,609	140,403	223,205
0.5 ha and Under 1 ha	9,068	27	27	27		487	10,530	5,197	5,332	7,363	268,031	111,061	156,969
1 ha and Under 2 ha	3,005					162	1,922	812	1,110	2,382	73,382	31,102	42,281
2 ha and Under 3 ha	108									108	3,194	1,543	1,651
3 ha and Under 4 ha													
4 ha and Under 5 ha	27									27	1,353	541	812
5 ha and Under 10 ha													
10 ha and over													
Total	36,840	54	81	54	27	1,353	26,229	12,208	14,021	26,283	831,945	333,211	498,734

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406	217	189					108	54
Holding with land	36,434	23,658	12,776			1,002	1,083	4,466	3,275
Under 0.1 ha	3,302	1,895	1,408			162	27	568	406
0.1 ha and Under 0.2 ha	6,929	3,925	3,005			189	379	974	866
0.2 ha and Under 0.5 ha	13,994	8,933	5,062			271	352	1,570	1,435
0.5 ha and Under 1 ha	9,068	6,172	2,896			298	325	866	433
1 ha and Under 2 ha	3,005	2,653	352			81		487	108
2 ha and Under 3 ha	108	54	54						27
3 ha and Under 4 ha									
4 ha and Under 5 ha	27	27							
5 ha and Under 10 ha									
10 ha and over									
Total	36,840	23,874	12,966			1,002	1,083	4,575	3,329

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	27	81	27		54	27			27
Holding with land	5,874	4,358	5,793	2,247	4,223	1,272	2,301		541
Under 0.1 ha	541	433	325	217	271	162	27		162
0.1 ha and Under 0.2 ha	920	866	920	487	514	298	406		108
0.2 ha and Under 0.5 ha	2,030	1,949	2,355	839	1,732	379	974		108
0.5 ha and Under 1 ha	1,759	1,002	1,624	596	1,083	379	541		162
1 ha and Under 2 ha	623	81	541	108	596	54	325		
2 ha and Under 3 ha		27			27		27		
3 ha and Under 4 ha									
4 ha and Under 5 ha			27						
5 ha and Under 10 ha									
10 ha and over									
Total	5,901	4,439	5,820	2,247	4,277	1,299	2,301		568

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	7.2	4.9	2.2					1.9	0.8
Holding with land	16,375.3	11,666.9	4,708.4			435.8	391.3	1,907.3	1,142.0
Under 0.1 ha	205.7	119.1	86.6			7.8	2.0	33.9	27.1
0.1 ha and Under 0.2 ha	1,039.7	590.8	448.9			28.0	56.7	146.4	132.5
0.2 ha and Under 0.5 ha	4,626.7	2,965.4	1,661.3			79.8	106.5	517.4	465.3
0.5 ha and Under 1 ha	6,263.2	4,301.5	1,961.7			208.1	226.1	576.8	313.9
1 ha and Under 2 ha	3,886.2	3,458.1	428.1			112.2		632.9	146.7
2 ha and Under 3 ha	236.7	114.9	121.9						56.5
3 ha and Under 4 ha									
4 ha and Under 5 ha	117.2	117.2							
5 ha and Under 10 ha									
10 ha and over									
Total	16,382.5	11,671.8	4,710.7			435.8	391.3	1,909.3	1,142.8

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	2.1	0.8	0.3		0.6	0.3		0.3
Holding with land	2,865.5	1,636.6	2,891.7	857.1	2,307.3	506.7	1,259.2	174.7
Under 0.1 ha	36.8	24.9	19.4	10.9	19.7	12.0	1.5	9.8
0.1 ha and Under 0.2 ha	132.7	129.0	145.8	68.2	75.9	46.9	62.0	15.6
0.2 ha and Under 0.5 ha	673.0	638.2	792.7	274.7	583.6	131.5	318.9	45.0
0.5 ha and Under 1 ha	1,204.0	677.8	1,139.8	385.8	786.8	253.8	386.1	104.3
1 ha and Under 2 ha	819.0	101.2	676.8	117.5	784.7	62.6	432.5	
2 ha and Under 3 ha		65.4			56.7		58.2	
3 ha and Under 4 ha								
4 ha and Under 5 ha			117.2					
5 ha and Under 10 ha								
10 ha and over								
Total	2,867.6	1,637.4	2,892.0	857.1	2,307.9	507.0	1,259.2	175.1

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	406	866	920	325	352	108	108	217	189
Holding with land	36,434	102,021	104,457	45,150	40,657	20,112	20,518	11,125	13,642
Under 0.1 ha	3,302	7,525	7,633	3,519	3,086	1,056	1,029	1,110	1,462
0.1 ha and Under 0.2 ha	6,929	16,458	16,268	7,444	6,172	2,950	3,275	1,949	2,165
0.2 ha and Under 0.5 ha	13,994	39,790	40,467	18,298	15,943	7,796	7,850	4,196	5,332
0.5 ha and Under 1 ha	9,068	26,662	29,207	11,098	11,342	5,874	6,036	2,409	3,221
1 ha and Under 2 ha	3,005	11,206	10,367	4,602	3,952	2,382	2,193	1,408	1,408
2 ha and Under 3 ha	108	325	406	162	135	54	81	54	54
3 ha and Under 4 ha									
4 ha and Under 5 ha	27	54	108	27	27		54		
5 ha and Under 10 ha									
10 ha and over									
Total	36,840	102,887	105,377	45,475	41,009	20,220	20,626	11,342	13,832

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	81	108	54	54	54	81	27	27
Holding with land	9,312	11,721	7,498	8,148	5,387	5,955	3,438	3,817
Under 0.1 ha	920	785	487	650	352	379	81	244
0.1 ha and Under 0.2 ha	1,678	1,841	1,218	1,380	623	1,002	596	433
0.2 ha and Under 0.5 ha	3,086	4,791	2,978	3,113	2,165	2,030	1,272	1,408
0.5 ha and Under 1 ha	2,571	3,438	2,193	2,003	1,543	1,895	974	1,272
1 ha and Under 2 ha	1,056	785	596	974	677	596	487	460
2 ha and Under 3 ha		54		27	27	54	27	
3 ha and Under 4 ha								
4 ha and Under 5 ha		27	27					
5 ha and Under 10 ha								
10 ha and over								
Total	9,393	11,829	7,552	8,202	5,441	6,036	3,465	3,844

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

Table 29. Educational level of holders

Total area of holding	Total		Level of education								
			Upto 5 class		6 - 10 class		SLC		Intermediate level / 10+2		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Holding without land	217	189	81	27	54						
Holding with land	23,658	12,776	3,032	623	4,060	325	893	108	514	162	
Under 0.1 ha	1,895	1,408	325	81	433	54	81		54	27	
0.1 ha and Under 0.2 ha	3,925	3,005	514	189	623	108	27	81	54		
0.2 ha and Under 0.5 ha	8,933	5,062	1,326	135	1,353	162	325	27	217	81	
0.5 ha and Under 1 ha	6,172	2,896	704	189	1,164		325		135	27	
1 ha and Under 2 ha	2,653	352	162		487		108		54	27	
2 ha and Under 3 ha	54	54		27							
3 ha and Under 4 ha											
4 ha and Under 5 ha	27						27				
5 ha and Under 10 ha											
10 ha and over											
Total	23,874	12,966	3,113	650	4,114	325	893	108	514	162	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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							54	54	27	108
Holding with land	162		54				9,230	4,493	5,711	7,065
Under 0.1 ha							541	379	460	866
0.1 ha and Under 0.2 ha	27		54				1,408	812	1,218	1,814
0.2 ha and Under 0.5 ha	27						3,356	2,030	2,328	2,626
0.5 ha and Under 1 ha	27						2,734	1,137	1,083	1,543
1 ha and Under 2 ha	81						1,164	108	596	217
2 ha and Under 3 ha							27	27	27	
3 ha and Under 4 ha										
4 ha and Under 5 ha										
5 ha and Under 10 ha										
10 ha and over										
Total	162		54				9,284	4,547	5,738	7,173

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	568	596	217	244	135	108	27	27		27
Holding with land	64,152	80,014	31,020	30,317	16,728	12,100	2,409	1,326	3,140	1,245
Under 0.1 ha	4,520	5,360	2,544	2,463	947	623	162	27	54	54
0.1 ha and Under 0.2 ha	9,718	11,315	4,981	4,547	2,463	1,543	135		406	81
0.2 ha and Under 0.5 ha	25,282	30,885	12,614	12,127	6,632	4,412	920	704	1,380	487
0.5 ha and Under 1 ha	17,297	23,143	7,687	8,472	5,170	4,114	731	406	920	379
1 ha and Under 2 ha	7,173	8,851	3,167	2,626	1,462	1,326	460	81	352	244
2 ha and Under 3 ha	135	352		81	54	54		54	27	
3 ha and Under 4 ha										
4 ha and Under 5 ha	27	108	27			27		54		
5 ha and Under 10 ha										
10 ha and over										
Total	64,720	80,609	31,237	30,560	16,864	12,208	2,436	1,353	3,140	1,272

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	27						135	108	27	81
Holding with land	731	135	244	108		27	6,848	14,454	3,032	20,301
Under 0.1 ha				27			568	812	244	1,353
0.1 ha and Under 0.2 ha	54	27	54				974	2,057	650	3,059
0.2 ha and Under 0.5 ha	271	54	108				2,274	4,737	1,083	8,364
0.5 ha and Under 1 ha	108	27	54	27			1,868	4,710	758	5,008
1 ha and Under 2 ha	244	27	27	54		27	1,164	2,111	298	2,355
2 ha and Under 3 ha	54									162
3 ha and Under 4 ha										
4 ha and Under 5 ha								27		
5 ha and Under 10 ha										
10 ha and over										
Total	758	135	244	108		27	6,984	14,563	3,059	20,382

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

Table 31. Occupational distribution of holder

Total area of holding	Total		Main occupation											
			Armed forces		Managers		Professionals		Technicians and associate		Clerical support workers		Service and sales workers	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	217	189												
Holding with land	23,658	12,776	27		54	108	189			27	27		27	
Under 0.1 ha	1,895	1,408	27											27
0.1 ha and Under 0.2 ha	3,925	3,005				27	54			27				
0.2 ha and Under 0.5 ha	8,933	5,062			27	27	81							
0.5 ha and Under 1 ha	6,172	2,896				54	54				27			
1 ha and Under 2 ha	2,653	352			27									
2 ha and Under 3 ha	54	54												
3 ha and Under 4 ha														
4 ha and Under 5 ha	27													
5 ha and Under 10 ha														
10 ha and over														
Total	23,874	12,966	27		54	108	189			27	27		27	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

Table 31. Occupational distribution of holder (Continued)

Total area of holding	Main occupation													
	Skilled agriculture, forestry and fishery		Craft and related trade workers		Plants and machine operators and		Unskilled worker at elementary		Household chores		Student		Not working	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	189	162							27	27				
Holding with land	22,088	11,775	704	54	27		54		189	785	217	27	54	
Under 0.1 ha	1,651	1,353	189							54				
0.1 ha and Under 0.2 ha	3,438	2,761	244	27	27		54		54	162	54			
0.2 ha and Under 0.5 ha	8,418	4,602	135	27					108	379	108	27	54	
0.5 ha and Under 1 ha	5,982	2,707	54							135	54			
1 ha and Under 2 ha	2,517	298	81						27	54				
2 ha and Under 3 ha	54	54												
3 ha and Under 4 ha														
4 ha and Under 5 ha	27													
5 ha and Under 10 ha														
10 ha and over														
Total	22,277	11,937	704	54	27		54		217	812	217	27	54	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	460	433												
Holding with land	49,210	65,830	189	81	162	244	406	135	217	54	325	108	623	433
Under 0.1 ha	3,167	4,087					27		27		27		54	
0.1 ha and Under 0.2 ha	7,390	9,068	27		27	27	81	27	27		27		108	81
0.2 ha and Under 0.5 ha	19,246	25,444	81	27	81	162	189	54	108	27	135	54	135	108
0.5 ha and Under 1 ha	13,697	19,516	54		54	27	81		54			27	244	189
1 ha and Under 2 ha	5,576	7,336	27	54		27	27	54		27	108	27	81	27
2 ha and Under 3 ha	135	271									27			27
3 ha and Under 4 ha														
4 ha and Under 5 ha		108												
5 ha and Under 10 ha														
10 ha and over														
Total	49,670	66,263	189	81	162	244	406	135	217	54	325	108	623	433

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

DOTI

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	27	162	54	54	27		27		54	54	244	162	27	
Holding with land	14,048	30,046	1,516	108	379	27	298	108	1,029	9,636	29,207	23,116	812	1,732
Under 0.1 ha	812	1,597	352	27	27		54	27	162	1,110	1,489	1,245	135	81
0.1 ha and Under 0.2 ha	2,003	4,656	541	54	189		54		81	1,218	4,141	2,869	81	135
0.2 ha and Under 0.5 ha	5,549	11,017	352		108		135	54	379	3,871	11,775	9,312	217	758
0.5 ha and Under 1 ha	3,952	8,716	217	27		27	54	27	189	2,436	8,554	7,498	244	541
1 ha and Under 2 ha	1,732	3,925	54		54				217	947	3,140	2,030	135	217
2 ha and Under 3 ha		108								54	108	81		
3 ha and Under 4 ha														
4 ha and Under 5 ha		27										81		
5 ha and Under 10 ha														
10 ha and over														
Total	14,076	30,208	1,570	162	406	27	325	108	1,083	9,690	29,450	23,279	839	1,732

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.

