

National Sample Census of Agriculture

Nepal

2011/12

Bardiya

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

BARDIYA

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

Total area of holding	Holdings				Fragmentation							
	Number	Area (ha)			Total no. of parcels	Average no. of parcels	Number of holdings consisting of parcels					
		Wet	Dry	Total			1	2-3	4-5	6-9	10 and over	
Holding without land	1,697	9.1	58.8	67.9	1,697	1.0	1,697					
Holding with land	66,366	42,637.5	4,528.1	47,165.6	148,177	2.2	27,667	27,836	8,147	2,410	306	
Under 0.1 ha	9,675	278.7	259.9	538.6	10,218	1.1	9,166	509				
0.1 ha and Under 0.2 ha	12,289	1,434.0	494.5	1,928.5	14,699	1.2	10,014	2,240	34			
0.2 ha and Under 0.5 ha	13,850	3,923.3	650.7	4,574.0	25,019	1.8	5,601	7,638	611			
0.5 ha and Under 1 ha	13,613	8,349.0	1,061.6	9,410.7	33,709	2.5	2,037	9,505	1,969	102		
1 ha and Under 2 ha	12,255	15,852.6	1,224.3	17,076.9	41,313	3.4	747	6,857	3,666	917	68	
2 ha and Under 3 ha	3,157	7,139.3	453.5	7,592.7	15,072	4.8	102	849	1,188	883	136	
3 ha and Under 4 ha	951	3,119.3	119.3	3,238.7	4,956	5.2		170	441	306	34	
4 ha and Under 5 ha	407	1,580.5	226.8	1,807.3	2,207	5.4		34	170	170	34	
5 ha and Under 10 ha	170	960.9	37.4	998.3	984	5.8		34	68	34	34	
10 ha and over												
Total	68,063	42,646.7	4,586.8	47,233.5	149,874	2.2	29,364	27,836	8,147	2,410	306	

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

BARDIYA

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

Total area of holding	Holdings		Tenure forms									
			One tenure forms						More than one tenure forms			
	Owned		Rented from others		Other tenure forms		No. of holdings	Area (ha)				
								Owned	Rented	Other tenure		
Number	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Owned	Rented	Other tenure	
Holding without land	1,697	67.9	1,426	63.9			272	4.0				
Holding with land	66,366	47,165.6	49,426	25,443.6	849	848.5	611	164.8	15,480	6,267.9	14,409.7	31.0
Under 0.1 ha	9675	538.6	9403	523.4	34	2.0	238	13.2				
0.1 ha and under 0.2 ha	12289	1928.5	11881	1864.5	34	4.9	238	40.0	136	11.2		7.8
0.2 ha and under 0.5 ha	13850	4574.0	12051	3899.5	136	51.4	68	26.4	1595	211.4	378.0	7.2
0.5 ha and under 1 ha	13613	9410.7	8487	5736.1	373	273.0	34	24.3	4719	1076.4	2300.9	
1 ha and under 2 ha	12255	17076.9	5805	7797.8	204	294.7	34	60.9	6212	2715.6	6193.1	14.8
2 ha and under 3 ha	3157	7592.7	1086	2581.9	34	85.2			2037	1393.5	3530.9	1.2
3 ha and under 4 ha	951	3238.7	373	1327.0					577	568.9	1342.8	
4 ha and under 5 ha	407	1807.3	204	919.7	34	137.4			170	198.3	552.0	
5 ha and under 10 ha	170	998.3	136	793.7					34	92.5	112.1	
10 ha and over												
Total	68,063	47,233.5	50,852	25,507.5	849	848.5	883	168.8	15,480	6,267.9	14,409.7	31.0

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Number of holdings	Under one tenure form - rented from others													
		Total		Rented for fixed amount of money		Rented for fixed quantity of		Rented for share of production		Rented in exchange for services		Rented for mortgage		Other rental arrangements	
		No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	1,697														
Holding with land	66,366	849	848.5	68	139.4			781	708.0					34	1.1
Under 0.1 ha	9675	34	2.0	34	2.0										
0.1 ha and under 0.2 ha	12289	34	4.9					34	4.9						
0.2 ha and under 0.5 ha	13850	136	51.4					136	51.4						
0.5 ha and under 1 ha	13613	373	273.0					373	271.8					34	1.1
1 ha and under 2 ha	12255	204	294.7					204	294.7						
2 ha and under 3 ha	3157	34	85.2					34	85.2						
3 ha and under 4 ha	951														
4 ha and under 5 ha	407	34	137.4	34	137.4										
5 ha and under 10 ha	170														
10 ha and over															
Total	68,063	849	848.5	68	139.4			781	708.0					34	1.1

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	No. of holdings	Under more than one tenure forms --- rented from others													
		Total		Rented for fixed amount of money		Rented for fixed quantity of		Rented for share of production		Rented in exchange for		Rented for mortgage		Other rental arrangements	
		No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	1,697														
Holding with land	66,366	15,310	14,409.7	543	283.8	136	114.5	14,325	13,697.9	102	84.1	815	225.8	34	3.7
Under 0.1 ha	9675														
0.1 ha and under 0.2 ha	12289														
0.2 ha and under 0.5 ha	13850	1562	378.0	102	25.6			1222	313.5			204	35.3	34	3.7
0.5 ha and under 1 ha	13613	4719	2300.9	204	57.2	34	9.7	4413	2157.1			272	76.8		
1 ha and under 2 ha	12255	6212	6193.1	136	134.0	34	15.8	5941	5903.1	68	79.2	204	60.9		
2 ha and under 3 ha	3157	2037	3530.9	68	42.6	34	85.3	1969	3345.3	34	4.9	136	52.8		
3 ha and under 4 ha	951	577	1342.8	34	24.4	34	3.6	577	1314.8						
4 ha and under 5 ha	407	170	552.0					170	552.0						
5 ha and under 10 ha	170	34	112.1					34	112.1						
10 ha and over															
Total	68,063	15,310	14,409.7	543	283.8	136	114.5	14,325	13,697.9	102	84.1	815	225.8	34	3.7

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Total		Agricultural land							
	No. of holdings	Area (ha)	Crop land							
			Arable land							
			Land under temporary crops		Area under temporary meadows		Land under temporary fallow		Total arable land	
			No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	1,697	67.9	34	0.2					34	0.2
Holding with land	66,366	47,165.6	66,196	44,228.8	136	88.3	441	94.3	66,196	44,411.4
Under 0.1 ha	9675	538.6	9539	349.1					9539	349.1
0.1 ha and under 0.2 ha	12289	1928.5	12255	1613.3	34	4.6	34	1.1	12255	1619.0
0.2 ha and under 0.5 ha	13850	4574.0	13850	4118.0	34	9.2	136	11.5	13850	4138.7
0.5 ha and under 1 ha	13613	9410.7	13613	8875.7			102	27.6	13613	8903.2
1 ha and under 2 ha	12255	17076.9	12255	16354.9			102	18.4	12255	16373.3
2 ha and under 3 ha	3157	7592.7	3157	7261.8	34	69.0	34	1.1	3157	7332.0
3 ha and under 4 ha	951	3238.7	951	3110.8					951	3110.8
4 ha and under 5 ha	407	1807.3	407	1653.3	34	5.6	34	34.5	407	1693.4
5 ha and under 10 ha	170	998.3	170	891.9					170	891.9
10 ha and over										
Total	68,063	47,233.5	66,230	44,229.0	136	88.3	441	94.3	66,230	44,411.6

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Agricultural land						Ponds		All other land	
	Crop land		Permanent meadows and pasture		Forest and other Woodland					
	Land under permanent crops									
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land									1,697	67.7
Holding with land	2,580	499.5	68	1.4	509	22.5	1,120	109.2	64,465	2,121.6
Under 0.1 ha	136	5.0							9539	184.4
0.1 ha and under 0.2 ha	102	8.6			68	1.5	170	2.0	11949	297.3
0.2 ha and under 0.5 ha	543	35.9			34	2.3	136	7.2	13341	389.9
0.5 ha and under 1 ha	509	45.5	34	.3	136	3.7	238	4.0	13171	453.8
1 ha and under 2 ha	815	123.6	34	1.1	238	13.8	441	25.9	11949	539.2
2 ha and under 3 ha	170	91.1			34	1.1	102	12.6	3055	155.9
3 ha and under 4 ha	136	71.8							951	56.0
4 ha and under 5 ha	102	23.0					34	57.5	373	33.5
5 ha and under 10 ha	68	94.8							136	11.5
10 ha and over										
Total	2,580	499.5	68	1.4	509	22.5	1,120	109.2	66,162	2,189.3

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Total		Source of irrigation															
	No. of holdings	Area (ha)	No. of holdings reporting	Area (ha)	River/lake/pond				Dam/reservoir		Tube well/boring		Others		Mixed			
					By gravity		Pumping		No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
					No. of holdings	Area (ha)	No. of holdings	Area (ha)										
Holding without land	1,697	67.9	34	1.1					34	1.1								
Holding with land	66,366	47,165.6	52,923	37,938.7	9,200	6,978.8	2,139	893.0	24,068	18,715.7	19,282	9,422.7	5,364	1,640.1	611	288.4		
Under 0.1 ha	9,675	538.6	5,873	272.2	679	35.9	68	4.8	2,139	94.4	2,071	93.8	951	41.5	34	1.8		
0.1 ha and under 0.2 ha	12,289	1,928.5	9,369	1,287.0	1,595	224.6	306	45.1	3,429	455.2	3,429	444.1	883	117.8				
0.2 ha and under 0.5 ha	13,850	4,574.0	10,659	3,065.5	1,629	487.6	475	134.5	4,447	1,261.9	3,904	952.8	1,018	187.6	170	41.1		
0.5 ha and under 1 ha	13,613	9,410.7	11,304	6,953.0	1,765	1,062.9	441	168.0	5,737	3,497.8	4,209	1,907.5	849	252.8	170	64.2		
1 ha and under 2 ha	12,255	17,076.9	11,067	13,848.7	2,580	2,786.3	645	405.6	5,601	6,969.5	3,768	2,962.1	1,188	616.9	170	108.2		
2 ha and under 3 ha	3,157	7,592.7	3,123	7,018.7	611	1,241.1	170	122.9	1,833	3,716.1	1,290	1,803.6	272	124.1	34	10.9		
3 ha and under 4 ha	951	3,238.7	951	2,985.6	204	499.5	34	12.2	645	1,804.1	339	400.9	170	268.9				
4 ha and under 5 ha	407	1,807.3	407	1,703.8	102	421.6			170	573.1	238	709.1						
5 ha and under 10 ha	170	998.3	170	804.2	34	219.3			68	343.7	34	148.7	34	30.4	34	62.1		
10 ha and over																		
Total	68,063	47,233.5	52,957	37,939.8	9,200	6,978.8	2,139	893.0	24,102	18,716.9	19,282	9,422.7	5,364	1,640.1	611	288.4		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Total		Payment terms for Irrigation									
	No. of holdings	Area (ha)	No. of holdings reporting	Area (ha)	Did not pay for water		Paid for water					
							On area basis		On time basis		Other	
					No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land	1,697	67.9	34	1.1	34	1.1						
Holding with land	66,366	47,165.6	52,923	37,938.7	43,078	29,558.1	1,799	1,104.9	11,236	6,553.8	2,037	721.8
Under 0.1 ha	9,675	538.6	5,873	272.2	5,126	233.4	136	6.8	509	25.4	136	6.6
0.1 ha and under 0.2 ha	12,289	1,928.5	9,369	1,287.0	7,502	1,017.7	102	14.5	1,256	163.4	679	91.3
0.2 ha and under 0.5 ha	13,850	4,574.0	10,659	3,065.5	8,011	2,190.1	339	111.7	2,580	691.5	306	72.2
0.5 ha and under 1 ha	13,613	9,410.7	11,304	6,953.0	8,962	5,024.2	645	356.4	3,055	1,444.6	272	127.9
1 ha and under 2 ha	12,255	17,076.9	11,067	13,848.7	9,200	10,811.2	407	376.6	2,682	2,345.4	543	315.4
2 ha and under 3 ha	3,157	7,592.7	3,123	7,018.7	2,852	5,894.0	34	29.2	713	1,011.4	68	84.0
3 ha and under 4 ha	951	3,238.7	951	2,985.6	917	2,550.8	102	153.4	238	257.1	34	24.4
4 ha and under 5 ha	407	1,807.3	407	1,703.8	339	1,237.3			170	466.5		
5 ha and under 10 ha	170	998.3	170	804.2	170	599.4	34	56.2	34	148.7		
10 ha and over												
Total	68,063	47,233.5	52,957	37,939.8	43,112	29,559.2	1,799	1,104.9	11,236	6,553.8	2,037	721.8

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	34	0.4	34	0.4								
Holding with land	66,366	86,383.9	66,162	81,066.0	2,308	449.2	15,989	4,818.4	306	50.3		
Under 0.1 ha	9,675	686.2	9,505	646.4	136	5.0	883	34.7				
0.1 ha and under 0.2 ha	12,289	3,255.8	12,255	2,994.5	102	8.6	2,410	252.6				
0.2 ha and under 0.5 ha	13,850	8,260.3	13,850	7,540.9	475	25.9	3,700	683.4	68	10.1		
0.5 ha and under 1 ha	13,613	17,196.3	13,613	16,003.6	441	42.7	3,904	1,147.1	68	2.9		
1 ha and under 2 ha	12,255	31,742.0	12,255	29,857.0	713	92.0	3,972	1,761.4	136	31.6		
2 ha and under 3 ha	3,157	14,073.8	3,157	13,389.0	136	85.4	883	593.6	34	5.7		
3 ha and under 4 ha	951	6,155.4	951	5,918.4	136	71.8	136	165.1				
4 ha and under 5 ha	407	3,253.4	407	3,129.3	102	23.0	68	101.1				
5 ha and under 10 ha	170	1,760.8	170	1,586.8	68	94.8	34	79.2				
10 ha and over												
Total	66,400	86,384.2	66,196	81,066.3	2,308	449.2	15,989	4,818.4	306	50.3		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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											34	0.4				
Holding with land	62,801	60,701.1	42,773	16,474.5	46,473	1,725.9	30,348	5,429.6	509	55.0	29,873	741.2	27,802	707.5	1,358	49.7
Under 0.1 ha	6,925	304.1	2,376	66.8	7,400	130.0	1,426	28.6	34	0.1	5,499	62.6	5,126	88.3	34	0.6
0.1 ha and Under 0.2 ha	11,881	2,034.7	6,518	533.0	8,792	233.8	4,447	283.3	68	1.2	5,024	71.6	4,651	87.0	102	2.4
0.2 ha and under 0.5 ha	13,613	5,667.4	8,826	1,419.0	8,724	278.7	6,178	596.7	34	0.6	5,431	108.2	5,262	150.1	170	3.7
0.5 ha and under 1 ha	13,511	11,970.4	10,456	3,350.1	9,641	386.1	7,434	1,118.1	102	26.2	6,212	134.3	5,669	157.6	306	8.0
1 ha and under 2 ha	12,187	22,383.4	10,795	6,598.8	8,555	391.6	7,536	1,813.5	204	5.5	5,533	263.5	4,990	140.1	543	22.1
2 ha and under 3 ha	3,157	10,164.4	2,614	2,646.4	2,071	203.4	2,308	857.9	34	0.6	1,392	46.2	1,358	54.6	136	9.1
3 ha and under 4 ha	951	4,677.1	781	1,013.6	815	55.9	679	308.3			509	15.0	475	11.1	34	2.4
4 ha and under 5 ha	407	2,270.2	272	514.2	306	39.2	272	331.8	34	20.7	204	38.4	170	14.7	34	1.2
5 ha and under 10 ha	170	1,229.4	136	332.6	170	7.4	68	91.4			68	1.2	102	3.8		
10 ha and over																
Total	62,801	60,701.1	42,773	16,474.5	46,473	1,725.9	30,348	5,429.6	509	55.0	29,907	741.6	27,802	707.5	1,358	49.7

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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																		
Holding with land	1,154	711.5	56,555	38,982.7	441	135.6	35,916	17,033.7	25,019	3,727.5	170	15.7	136	14.3	34	2.4	306	77.7
Under 0.1 ha	102	3.7	3,938	168.7			917	30.4	3,530	97.0							68	4.4
0.1 ha and Under 0.2 ha	68	5.5	9,980	1,250.6			4,719	479.7	3,564	295.6	34	0.6					68	2.7
0.2 ha and under 0.5 ha	272	59.8	12,832	3,547.3	204	36.6	7,706	1,507.5	4,820	514.6	34	0.1	68	1.5				
0.5 ha and under 1 ha	204	66.2	13,307	7,857.6	102	18.3	8,996	3,184.9	5,669	819.1	68	14.6					34	9.7
1 ha and under 2 ha	339	254.7	11,915	14,643.3	136	80.8	9,403	6,109.0	5,465	1,249.9			68	12.8	34	2.4	68	30.5
2 ha and under 3 ha	68	148.7	3,089	6,593.8			2,818	2,986.9	1,222	404.4	34	0.3					68	30.5
3 ha and under 4 ha			951	2,972.2			883	1,620.6	475	84.4								
4 ha and under 5 ha	102	173.0	373	1,078.0			306	768.7	170	250.4								
5 ha and under 10 ha			170	871.2			170	346.0	102	12.2								
10 ha and over																		
Total	1,154	711.5	56,555	38,982.7	441	135.6	35,916	17,033.7	25,019	3,727.5	170	15.7	136	14.3	34	2.4	306	77.7

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	102	34.1	849	145.4	781	112.7	407	79.9	37,783	14,102.6	3,734	405.1	10,625	1,090.8	136	6.6			1,629	51.1	2,376	446.1
Under 0.1 ha			68	1.2	170	2.4			1,256	42.0	204	4.6	509	9.8					373	4.4	170	2.3
0.1 ha and Under 0.2 ha			102	3.2	34	1.2			5,160	417.1	238	10.1	1,528	84.8					272	8.9	204	7.7
0.2 ha and under 0.5 ha			68	1.5	34	2.4	136	19.5	7,774	1,222.0	781	31.7	1,833	102.7					204	8.7	306	30.5
0.5 ha and under 1 ha			204	40.5	34	1.2	136	21.6	9,845	2,860.3	917	83.8	2,512	222.0					272	13.5	577	107.2
1 ha and under 2 ha	102	34.1	238	27.1	407	60.3	102	14.4	10,150	5,700.2	1,018	132.2	2,852	400.0	136	6.6			306	8.7	815	215.2
2 ha and under 3 ha			136	60.9	34	2.4			2,478	2,299.6	373	66.4	951	172.5					136	5.6	204	39.0
3 ha and under 4 ha			34	11.0			34	24.4	713	905.3	102	4.0	306	24.7					34	0.1	102	44.2
4 ha and under 5 ha					68	42.6			272	395.4	34	35.9	68	39.0					34	1.2		
5 ha and under 10 ha									136	260.8	68	36.6	68	35.3								
10 ha and over																						
Total	102	34.1	849	145.4	781	112.7	407	79.9	37,783	14,102.6	3,734	405.1	10,625	1,090.8	136	6.6			1,629	51.1	2,376	446.1

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Potato		Sweet potato		Colocasia		Other tubers and bulbs	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land								
Holding with land	46,405	1,710.4			272	13.7	68	1.8
Under 0.1 ha	7,400	129.6			34	0.3		
0.1 ha and Under 0.2 ha	8,792	232.6			34	0.6	34	0.6
0.2 ha and under 0.5 ha	8,690	278.5			34	0.1		
0.5 ha and under 1 ha	9,607	374.7			68	11.3		
1 ha and under 2 ha	8,555	390.8			68	0.7		
2 ha and under 3 ha	2,071	202.1					34	1.2
3 ha and under 4 ha	815	55.9						
4 ha and under 5 ha	306	38.6			34	0.6		
5 ha and under 10 ha	170	7.4						
10 ha and over								
Total	46,405	1,710.4			272	13.7	68	1.8

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	29,160	4,953.5	543	139.2	883	156.1	102	2.4			747	178.3
Under 0.1 ha	1,358	27.7	34	0.3							34	0.6
0.1 ha and Under 0.2 ha	4,243	262.2	102	6.1	238	12.8	68	2.1			34	0.1
0.2 ha and under 0.5 ha	5,907	548.3	102	18.3	68	9.7					170	20.4
0.5 ha and under 1 ha	7,265	1,042.2	102	28.0	136	9.1	34	0.3			204	38.4
1 ha and under 2 ha	7,129	1,583.7	102	35.3	373	106.1					238	88.3
2 ha and under 3 ha	2,308	822.6	34	20.7	34	8.5					34	6.1
3 ha and under 4 ha	645	298.5			34	9.7						
4 ha and under 5 ha	238	283.1	34	24.4							34	24.4
5 ha and under 10 ha	68	85.3	34	6.1								
10 ha and over												
Total	29,160	4,953.5	543	139.2	883	156.1	102	2.4			747	178.3

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	68	21.3			34	0.6	407	33.0
Under 0.1 ha							34	0.1
0.1 ha and Under 0.2 ha							68	1.2
0.2 ha and under 0.5 ha							34	0.6
0.5 ha and under 1 ha							102	26.2
1 ha and under 2 ha	34	0.6			34	0.6	136	4.3
2 ha and under 3 ha							34	0.6
3 ha and under 4 ha								
4 ha and under 5 ha	34	20.7						
5 ha and under 10 ha								
10 ha and over								
Total	68	21.3			34	0.6	407	33.0

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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			34	0.1	34	0.1					34	0.2		
Holding with land	4,277	76.4	15,514	189.0	24,374	256.2	238	8.1	1,935	171.0	5,024	33.6	170	6.9
Under 0.1 ha	984	5.9	2,512	19.4	4,379	29.6	68	1.3	34	0.1	1,018	6.3		
0.1 ha and Under 0.2 ha	543	6.0	2,750	24.1	4,175	32.4	34	0.3	306	4.1	781	4.8	34	0.1
0.2 ha and under 0.5 ha	611	6.7	2,580	29.5	4,719	47.9	68	2.7	407	13.9	917	4.3	68	3.1
0.5 ha and under 1 ha	781	14.7	3,293	35.9	5,092	56.1	34	3.7	441	13.9	1,086	6.4	68	3.7
1 ha and under 2 ha	815	17.7	3,259	45.6	4,345	61.6	34	0.1	645	128.5	951	9.9		
2 ha and under 3 ha	306	4.8	747	23.2	1,222	16.4			68	0.7	204	1.0		
3 ha and under 4 ha	136	1.3	306	7.3	272	5.5					68	0.9		
4 ha and under 5 ha	102	19.3	34	3.7	102	5.8			34	9.7				
5 ha and under 10 ha			34	0.3	68	0.9								
10 ha and over														
Total	4,277	76.4	15,548	189.1	24,408	256.3	238	8.1	1,935	171.0	5,058	33.8	170	6.9

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Cauliflower		Cabbage		Tomato		Others	
	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land								
Holding with land	20,266	306.8	4,379	52.9	4,311	64.5	13,069	283.3
Under 0.1 ha	3,598	28.0	611	3.5	509	3.2	3,225	53.6
0.1 ha and Under 0.2 ha	3,259	33.2	679	10.4	713	8.3	2,071	35.2
0.2 ha and under 0.5 ha	3,938	70.4	883	11.1	1,324	21.2	2,071	47.4
0.5 ha and under 1 ha	4,345	87.4	917	12.5	951	15.9	2,308	41.9
1 ha and under 2 ha	3,564	52.9	1,086	13.6	441	5.4	2,173	68.1
2 ha and under 3 ha	1,018	20.2	170	1.4	339	8.1	815	24.9
3 ha and under 4 ha	373	7.0					238	4.1
4 ha and under 5 ha	102	5.2	34	0.3	34	2.4	102	6.8
5 ha and under 10 ha	68	2.4					68	1.4
10 ha and over								
Total	20,266	306.8	4,379	52.9	4,311	64.5	13,069	283.3

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Total		Permanent crops									
	No. of holdings	Area (ha)	No. of holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
					Productive age			Non-productive age			Productive age	Non-productive age
					No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land	1,697	67.9	509								2,308	1,358
Holding with land	66,366	47,165.6	43,859	499.5	4,006	371.9	93,184	1,290	127.6	40,770	199,131	108,765
under 0.1 ha	9,675	538.6	6,586	5.0	170	5.0	2,071				24,577	15,412
0.1 ha and under 0.2 ha	12,289	1,928.5	7,299	8.6	339	8.5	4,175	34	0.1	102	29,669	21,454
0.2 ha and under 0.5 ha	13,850	4,574.0	8,860	35.9	849	25.9	23,797	339	10.1	2,071	39,446	20,062
0.5 ha and under 1 ha	13,613	9,410.7	8,928	45.5	1,018	41.4	11,134	136	4.2	2,342	43,689	19,859
1 ha and under 2 ha	12,255	17,076.9	8,724	123.6	1,018	74.1	20,130	509	49.4	12,153	41,958	22,405
2 ha and under 3 ha	3,157	7,592.7	2,308	91.1	272	63.2	18,976	102	27.9	17,822	13,884	6,857
3 ha and under 4 ha	951	3,238.7	747	71.8	170	46.0	6,891	102	25.9	2,546	2,750	2,207
4 ha and under 5 ha	407	1,807.3	238	23.0	68	12.9	1,799	68	10.1	3,734	1,731	204
5 ha and under 10 ha	170	998.3	170	94.8	102	94.8	4,209				1,426	306
10 ha and over												
Total	68,063	47,233.5	44,368	499.5	4,006	371.9	93,184	1,290	127.6	40,770	201,439	110,123

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

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

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	34								68	
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	34								68	
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	34								68	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	102								136	34
Holding with land	8,215	5.0	136	2.2	883	34	2.9	1,018	8,758	3,632
under 0.1 ha	1,222								1,086	441
0.1 ha and under 0.2 ha	1,256								1,290	713
0.2 ha and under 0.5 ha	2,003								2,478	441
0.5 ha and under 1 ha	1,697	0.9	68	0.9	204				2,003	781
1 ha and under 2 ha	1,663	3.6	34	0.7	170	34	2.9	1,018	1,595	1,222
2 ha and under 3 ha	272	0.6	34	0.6	509				204	34
3 ha and under 4 ha	102								102	
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	8,317	5.0	136	2.2	883	34	2.9	1,018	8,894	3,666

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	3,564	2.4	136	2.4	1,154			3,463	1,765	
under 0.1 ha	611							543	475	
0.1 ha and under 0.2 ha	713	1.4	34	1.4	339			441	441	
0.2 ha and under 0.5 ha	543							577	34	
0.5 ha and under 1 ha	747	0.9	68	0.9	713			679	373	
1 ha and under 2 ha	611	0.1	34	0.1	102			917	204	
2 ha and under 3 ha	238							204	102	
3 ha and under 4 ha	68								136	
4 ha and under 5 ha										
5 ha and under 10 ha	34							102		
10 ha and over										
Total	3,564	2.4	136	2.4	1,154			3,463	1,765	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	204							170	68	
under 0.1 ha										
0.1 ha and under 0.2 ha	68							34	34	
0.2 ha and under 0.5 ha	34							34		
0.5 ha and under 1 ha	68							68	34	
1 ha and under 2 ha	34							34		
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	204							170	68	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	68								68	
Holding with land	2,037								2,376	917
under 0.1 ha	373								509	68
0.1 ha and under 0.2 ha	204								306	34
0.2 ha and under 0.5 ha	475								441	509
0.5 ha and under 1 ha	339								407	102
1 ha and under 2 ha	441								407	204
2 ha and under 3 ha	170								204	
3 ha and under 4 ha										
4 ha and under 5 ha	34								102	
5 ha and under 10 ha										
10 ha and over										
Total	2,105								2,444	917

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	373								781	373
Holding with land	33,166	298.9	1,799	219.7	41,347	713	79.2	20,741	63,480	32,487
under 0.1 ha	4,209	2.2	68	2.2	951				7,197	3,395
0.1 ha and under 0.2 ha	5,092	5.0	102	5.0	2,376				7,672	6,891
0.2 ha and under 0.5 ha	6,144	12.1	238	8.8	6,959	102	3.3	1,120	10,116	6,280
0.5 ha and under 1 ha	7,095	22.7	441	19.3	5,907	102	3.4	1,052	13,137	7,061
1 ha and under 2 ha	7,536	91.7	611	58.1	12,085	306	33.6	8,045	17,788	6,484
2 ha and under 3 ha	1,935	7.2	68	4.3	1,290	34	2.9	4,243	4,719	1,731
3 ha and under 4 ha	747	69.0	136	43.1	6,043	102	25.9	2,546	1,086	543
4 ha and under 5 ha	238	23.0	68	12.9	1,799	68	10.1	3,734	849	68
5 ha and under 10 ha	170	66.1	68	66.1	3,938				917	34
10 ha and over										
Total	33,539	298.9	1,799	219.7	41,347	713	79.2	20,741	64,261	32,860

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	68								306	713
Holding with land	13,171	93.5	543	76.9	31,197	136	16.7	5,805	30,280	36,357
under 0.1 ha	1,935	1.4	34	1.4	679				3,904	6,687
0.1 ha and under 0.2 ha	2,648	0.1				34	0.1	102	5,635	7,706
0.2 ha and under 0.5 ha	2,885	8.6	238	8.6	8,622				6,857	4,990
0.5 ha and under 1 ha	2,512	5.0	136	4.3	2,173	34	0.7	1,290	5,941	5,873
1 ha and under 2 ha	2,240	6.5	68	5.0	3,564	34	1.4	170	5,533	7,502
2 ha and under 3 ha	611	71.8	68	57.5	16,159	34	14.4	4,243	1,765	2,852
3 ha and under 4 ha	238								407	509
4 ha and under 5 ha	34								68	
5 ha and under 10 ha	68								170	238
10 ha and over										
Total	13,239	93.5	543	76.9	31,197	136	16.7	5,805	30,586	37,070

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	238								306	68
Holding with land	18,637	13.1	441	11.6	4,753	34	1.4	272	25,426	7,366
under 0.1 ha	2,852	0.7	34	0.7	272				3,429	1,324
0.1 ha and under 0.2 ha	2,716	0.1	34	0.1	170				3,055	1,562
0.2 ha and under 0.5 ha	3,836	1.3	102	1.3	781				5,431	1,086
0.5 ha and under 1 ha	3,972	2.2	102	2.2	713				5,975	1,595
1 ha and under 2 ha	3,904	5.9	136	4.5	1,969	34	1.4	272	5,330	1,120
2 ha and under 3 ha	849								1,460	136
3 ha and under 4 ha	407	2.9	34	2.9	849				543	543
4 ha and under 5 ha	68								102	
5 ha and under 10 ha	34								102	
10 ha and over										
Total	18,874	13.1	441	11.6	4,753	34	1.4	272	25,732	7,434

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	68								204	
Holding with land	9,335	13.8	238	9.5	1,392	68	4.3	509	6,891	6,314
under 0.1 ha	1,086								679	883
0.1 ha and under 0.2 ha	1,697	0.3	34	0.3	170				1,358	1,188
0.2 ha and under 0.5 ha	1,460	3.2	68	1.7	339	34	1.4	170	1,086	747
0.5 ha and under 1 ha	1,697	6.5	68	6.5	611				1,086	1,188
1 ha and under 2 ha	2,512	3.6	34	0.7	102	34	2.9	339	1,799	1,562
2 ha and under 3 ha	645	0.3	34	0.3	170				407	645
3 ha and under 4 ha	136								238	102
4 ha and under 5 ha	102								238	
5 ha and under 10 ha										
10 ha and over										
Total	9,403	13.8	238	9.5	1,392	68	4.3	509	7,095	6,314

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	68	1.7	68	1.0	34	0.7
under 0.1 ha						
0.1 ha and under 0.2 ha						
0.2 ha and under 0.5 ha	34	1.4	34	0.7	34	0.7
0.5 ha and under 1 ha						
1 ha and under 2 ha						
2 ha and under 3 ha	34	0.3	34	0.3		
3 ha and under 4 ha						
4 ha and under 5 ha						
5 ha and under 10 ha						
10 ha and over						
Total	68	1.7	68	1.0	34	0.7

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Lychee									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land	68								34	34
Holding with land	2,376	30.0	136	30.0	713				1,731	917
under 0.1 ha	272								170	136
0.1 ha and under 0.2 ha	509	0.1	34	0.1	102				306	204
0.2 ha and under 0.5 ha	577	0.7	34	0.7	170				441	272
0.5 ha and under 1 ha	306	0.4	34	0.4	170				204	136
1 ha and under 2 ha	441								373	68
2 ha and under 3 ha	136								136	68
3 ha and under 4 ha	34									34
4 ha and under 5 ha	68								102	
5 ha and under 10 ha	34	28.7	34	28.7	272					
10 ha and over										
Total	2,444	30.0	136	30.0	713				1,765	951

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

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

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	238							238	34	
under 0.1 ha	34							34		
0.1 ha and under 0.2 ha	34							34		
0.2 ha and under 0.5 ha	34							34		
0.5 ha and under 1 ha	68							68	34	
1 ha and under 2 ha	34							34		
2 ha and under 3 ha	34							34		
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	238							238	34	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	34								34	
Holding with land	1,222	0.4	68	0.4	951				1,290	509
under 0.1 ha	102								102	68
0.1 ha and under 0.2 ha	238	0.1	34	0.1	102				204	102
0.2 ha and under 0.5 ha	170								102	68
0.5 ha and under 1 ha	238								272	170
1 ha and under 2 ha	306								339	34
2 ha and under 3 ha	102	0.3	34	0.3	849				204	68
3 ha and under 4 ha	34								34	
4 ha and under 5 ha	34								34	
5 ha and under 10 ha										
10 ha and over										
Total	1,256	0.4	68	0.4	951				1,324	509

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	34								34	
Holding with land	10,727	5.7	34	5.7	272				19,689	3,870
under 0.1 ha	2,071								3,327	849
0.1 ha and under 0.2 ha	1,901								3,327	984
0.2 ha and under 0.5 ha	1,935								2,953	747
0.5 ha and under 1 ha	2,274	5.7	34	5.7	272				4,141	611
1 ha and under 2 ha	1,799								3,055	509
2 ha and under 3 ha	577								2,512	102
3 ha and under 4 ha	102								170	34
4 ha and under 5 ha	68								204	34
5 ha and under 10 ha										
10 ha and over										
Total	10,761	5.7	34	5.7	272				19,723	3,870

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Pomegranate									
	Total holdings reporting	Compact plantation area (ha)	Compact plantation						Number of scattered trees	
			Productive age			Non-productive age			Productive age	Non-productive age
			No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees		
Holding without land										
Holding with land	1,018	0.7	34	0.7	102			917	306	
under 0.1 ha	34								34	
0.1 ha and under 0.2 ha	102							136	68	
0.2 ha and under 0.5 ha	475							543	34	
0.5 ha and under 1 ha	102							136		
1 ha and under 2 ha	238	0.7	34	0.7	102			68	136	
2 ha and under 3 ha	68							34	34	
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	1,018	0.7	34	0.7	102			917	306	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

BARDIYA

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	102							170	68	
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	68							136	34	
2 ha and under 3 ha	34							34	34	
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	102							170	68	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	34								34	
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	34								34	
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	34								34	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	34								34	
Holding with land	6,144	17.5	272	6.9	5,398	34	10.6	9,335	6,789	5,703
under 0.1 ha	849	0.7	34	0.7	170				951	204
0.1 ha and under 0.2 ha	1,052	0.6	34	0.6	407				1,392	373
0.2 ha and under 0.5 ha	984	2.9	102	2.9	4,108				781	3,361
0.5 ha and under 1 ha	1,120	1.3	68	1.3	373				1,290	339
1 ha and under 2 ha	1,460	1.4	34	1.4	339				1,629	1,256
2 ha and under 3 ha	407	10.6				34	10.6	9,335	407	102
3 ha and under 4 ha	170								170	
4 ha and under 5 ha	68								34	68
5 ha and under 10 ha	34								136	
10 ha and over										
Total	6,178	17.5	272	6.9	5,398	34	10.6	9,335	6,823	5,703

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

BARDIYA

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	68							102		
under 0.1 ha	34							34		
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	34							68		
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	68							102		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

BARDIYA

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					238	11.8
Under 0.1 ha						
0.1 ha and under 0.2 ha						
0.2 ha and under 0.5 ha					170	4.6
0.5 ha and under 1 ha						
1 ha and under 2 ha					68	7.2
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					238	11.8

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

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	34			34		
Holding with land	4,719	4.7	5,024	26,818		
Under 0.1 ha	645			2,444		
0.1 ha and under 0.2 ha	713	0.7	509	4,481		
0.2 ha and under 0.5 ha	1,562	1.1	2,818	7,163		
0.5 ha and under 1 ha	849			8,249		
1 ha and under 2 ha	747	2.9	1,697	2,919		
2 ha and under 3 ha	204			1,562		
3 ha and under 4 ha						
4 ha and under 5 ha						
5 ha and under 10 ha						
10 ha and over						
Total	4,753	4.7	5,024	26,852		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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															
Holding with land	68,063	47,233.5	56,759	46,643	6,348	3,768	5,398	8,996	23,186	14,801	5,873	6,348	4,345	29,443.8	41,485
under 0.1 ha	11,304	574.3	3,972	3,564	306	102	102	1,697	917	407	984	238	68	155.4	133
0.1 ha and under 0.2 ha	12,289	1,928.5	10,014	8,181	1,256	577	679	2,037	3,802	2,003	1,460	984	306	861.6	1,540
0.2 ha and under 0.5 ha	13,884	4,583.2	12,900	10,014	1,765	1,120	1,324	1,697	4,515	3,768	1,154	1,663	1,392	2,946.6	4,623
0.5 ha and under 1 ha	13,647	9,433.7	13,307	11,236	1,256	815	1,222	1,697	5,431	3,802	1,290	1,290	1,528	5,809.1	7,864
1 ha and under 2 ha	12,255	17,076.9	11,983	10,014	1,120	849	1,222	1,154	5,975	3,564	713	1,867	917	11,440.3	15,732
2 ha and under 3 ha	3,157	7,592.7	3,089	2,376	509	204	475	407	1,799	815	170	170	68	4,774.8	6,614
3 ha and under 4 ha	951	3,238.7	951	781	102	68	272	170	475	306	68	102	68	2,220.3	3,215
4 ha and under 5 ha	407	1,807.3	373	339	34		68	68	204	102	34			612.7	917
5 ha and under 10 ha	170	998.3	170	136		34	34	68	68	34		34		623.0	849
10 ha and over															
Total	68,063	47,233.5	56,759	46,643	6,348	3,768	5,398	8,996	23,186	14,801	5,873	6,348	4,345	29,443.8	41,485

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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															
Holding with land	68,063	47,233.5	25,019	21,862	2,410	747	1,256	10,625	2,953	1,052	10,795	1,120	1,154	1,159.7	1,931
under 0.1 ha	11,304	574.3	3,530	3,089	373	68	34	1,426	102	68	2,037	102		7.0	16
0.1 ha and under 0.2 ha	12,289	1,928.5	3,564	3,055	373	136	306	1,358	543	272	1,460	170	136	100.5	225
0.2 ha and under 0.5 ha	13,884	4,583.2	4,820	4,108	577	136	136	1,562	543	170	2,274	238	441	197.0	324
0.5 ha and under 1 ha	13,647	9,433.7	5,669	5,058	475	136	238	2,444	815	136	2,240	272	339	242.7	293
1 ha and under 2 ha	12,255	17,076.9	5,465	4,820	441	204	339	2,648	679	339	2,037	272	170	376.5	721
2 ha and under 3 ha	3,157	7,592.7	1,222	984	170	68	136	713	136	68	475	34	68	142.0	85
3 ha and under 4 ha	951	3,238.7	475	475			34	306	68		238	34		89.7	187
4 ha and under 5 ha	407	1,807.3	170	170			34	68	68		34			4.4	81
5 ha and under 10 ha	170	998.3	102	102				102							
10 ha and over															
Total	68,063	47,233.5	25,019	21,862	2,410	747	1,256	10,625	2,953	1,052	10,795	1,120	1,154	1,159.7	1,931

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Total		Wheat												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area Treated with mineral/ chemical fertilizer and quantity used	
				No. of holdings using				No. of holdings using	No. of holdings using						
				Local seeds	Improved seeds	Hybrid seeds	Local fertilizers		Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both	Area (ha)	Quantity (Qtl.)
Holding without land															
Holding with land	68,063	47,233.5	35,916	32,147	3,768	3,734	6,518	17,143	7,163	2,919	3,768	2,410	12,066.4	18,224	
under 0.1 ha	11,304	574.3	917	815	102	102	475	136	102	102	102	34	12.4	31	
0.1 ha and under 0.2 ha	12,289	1,928.5	4,719	4,311	407	373	1,324	1,697	849	509	306	272	296.8	602	
0.2 ha and under 0.5 ha	13,884	4,583.2	7,706	6,891	815	509	1,018	3,123	1,765	747	883	951	1,147.0	1,696	
0.5 ha and under 1 ha	13,647	9,433.7	8,996	8,351	645	1,188	1,663	4,413	1,629	713	883	713	2,243.2	3,226	
1 ha and under 2 ha	12,255	17,076.9	9,403	8,317	1,086	1,018	1,256	5,364	1,935	611	1,290	339	4,547.5	6,811	
2 ha and under 3 ha	3,157	7,592.7	2,818	2,274	543	407	475	1,765	475	136	204	34	2,265.1	3,553	
3 ha and under 4 ha	951	3,238.7	883	781	102	34	204	373	306	102		68	1,040.0	1,498	
4 ha and under 5 ha	407	1,807.3	306	272	34	68	68	204	34		68		173.0	350	
5 ha and under 10 ha	170	998.3	170	136	34	34	34	68	68		34		341.4	458	
10 ha and over															
Total	68,063	47,233.5	35,916	32,147	3,768	3,734	6,518	17,143	7,163	2,919	3,768	2,410	12,066.4	18,224	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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															
Holding with land	68,063	47,233.5	46,405	34,150	10,490	1,765	8,079	20,979	5,635	6,178	14,292	1,663	1,765	721.8	1,436
under 0.1 ha	11,304	574.3	7,400	5,601	1,629	170	917	3,055	849	475	3,191	441	136	27.5	98
0.1 ha and under 0.2 ha	12,289	1,928.5	8,792	6,280	2,139	373	1,426	4,311	1,018	1,018	2,444	238	204	70.0	171
0.2 ha and under 0.5 ha	13,884	4,583.2	8,690	6,178	1,867	645	1,528	3,293	1,052	1,290	2,750	306	441	81.2	153
0.5 ha and under 1 ha	13,647	9,433.7	9,607	7,672	1,663	272	1,731	4,141	1,154	1,426	2,953	373	373	198.4	317
1 ha and under 2 ha	12,255	17,076.9	8,555	6,280	2,037	238	1,629	4,277	1,188	1,358	2,105	238	441	225.8	399
2 ha and under 3 ha	3,157	7,592.7	2,071	1,290	713	68	475	1,052	170	509	407	68	68	79.3	221
3 ha and under 4 ha	951	3,238.7	815	543	272		170	577	68	102	238		68	16.0	27
4 ha and under 5 ha	407	1,807.3	306	170	136		102	136	136		136			21.8	40
5 ha and under 10 ha	170	998.3	170	136	34		102	136			68		34	1.7	8
10 ha and over															
Total	68,063	47,233.5	46,405	34,150	10,490	1,765	8,079	20,979	5,635	6,178	14,292	1,663	1,765	721.8	1,436

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Total		Sugarcane												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with chemical/mineral fertilizer and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using				
				Local seeds	Improved seeds	Hybrid seeds		No. of holdings using	Local fertilizers	Mineral/chemical	Both	Local fertilizers	Mineral/chemical	Both	Area (ha)
Holding without land															
Holding with land	68,063	47,233.5	68	68		34		34		34			19.5	68	
under 0.1 ha	11,304	574.3													
0.1 ha and under 0.2 ha	12,289	1,928.5													
0.2 ha and under 0.5 ha	13,884	4,583.2													
0.5 ha and under 1 ha	13,647	9,433.7													
1 ha and under 2 ha	12,255	17,076.9	34	34						34					
2 ha and under 3 ha	3,157	7,592.7													
3 ha and under 4 ha	951	3,238.7													
4 ha and under 5 ha	407	1,807.3	34	34		34		34					19.5	68	
5 ha and under 10 ha	170	998.3													
10 ha and over															
Total	68,063	47,233.5	68	68		34		34		34			19.5	68	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Total		Vegetables												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with chemical/ mineral fertilizer and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using			Area (ha)	Quantity (Qtl.)
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical fertilizers	Both	Local fertilizers	Mineral/chemical fertilizers	Both		
Holding without land															
Holding with land	68,063	47,233.5	27,802	22,371	4,786	645	3,395	15,480	1,528	2,987	9,912	373	509	195.1	445
under 0.1 ha	11,304	574.3	5,126	3,836	1,222	68	475	2,750	136	204	2,342	136	34	9.1	60
0.1 ha and under 0.2 ha	12,289	1,928.5	4,651	3,734	849	68	509	2,682	204	509	1,663		34	12.8	55
0.2 ha and under 0.5 ha	13,884	4,583.2	5,262	4,243	747	272	611	2,648	339	645	1,799	102	170	39.7	97
0.5 ha and under 1 ha	13,647	9,433.7	5,669	4,549	1,018	102	679	2,987	407	713	1,935	102	136	60.7	85
1 ha and under 2 ha	12,255	17,076.9	4,990	4,515	441	34	747	3,055	272	713	1,460	34	102	53.5	96
2 ha and under 3 ha	3,157	7,592.7	1,358	917	373	68	238	781	136	204	441		34	18.4	52
3 ha and under 4 ha	951	3,238.7	475	441	34		68	373	34		170			0.9	1
4 ha and under 5 ha	407	1,807.3	170	102	34	34	68	136			68				
5 ha and under 10 ha	170	998.3	102	34	68			68			34				
10 ha and over															
Total	68,063	47,233.5	27,802	22,371	4,786	645	3,395	15,480	1,528	2,987	9,912	373	509	195.1	445

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Total		Other crops												
	No. of holdings	Area (ha)	No. of holdings reporting	Seeds			Pesticides	Irrigated and fertilizers used			Unirrigated and fertilizers used			Area treated with mineral/ chemical fertilizer and quantity used	
				No. of holdings using			No. of holdings using	No. of holdings using			No. of holdings using			Area (ha)	Quantity (Qtl.)
				Local seeds	Improved seeds	Hybrid seeds		Local fertilizers	Mineral/chemical fertilizers	Both	Local fertilizers	Mineral/chemical fertilizers	Both		
Holding without land			34	34							34				
Holding with land	68,063	47,233.5	57,268	54,179	2,784	306	2,173	37,986	2,614	1,629	23,559	1,120	679	1,902.6	2,088
under 0.1 ha	11,304	574.3	7,299	6,654	645		339	3,734	102	34	4,006	34	204	12.6	24
0.1 ha and under 0.2 ha	12,289	1,928.5	9,743	9,132	509	102	204	6,518	204	204	3,497	204	34	63.0	96
0.2 ha and under 0.5 ha	13,884	4,583.2	11,236	10,795	373	68	339	7,129	407	272	4,854	170	102	182.8	248
0.5 ha and under 1 ha	13,647	9,433.7	12,628	12,119	475	34	475	8,622	475	407	5,567	238	68	264.3	516
1 ha and under 2 ha	12,255	17,076.9	11,881	11,236	543	102	543	8,622	951	306	4,209	339	204	800.5	633
2 ha and under 3 ha	3,157	7,592.7	2,953	2,750	204		204	2,105	373	272	883	68	68	380.7	379
3 ha and under 4 ha	951	3,238.7	951	917	34		34	713	102	102	306	34		158.6	182
4 ha and under 5 ha	407	1,807.3	407	407			34	407			170	34		17.2	1
5 ha and under 10 ha	170	998.3	170	170				136		34	68			23.0	8
10 ha and over															
Total	68,063	47,233.5	57,302	54,213	2,784	306	2,173	37,986	2,614	1,629	23,593	1,120	679	1,902.6	2,088

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Livestock											
	Total		Cattle		Yak/Nak/Chauri		Buffalo		Goat		Sheep	
	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads
Holding without land	1,578	8,296	720	1,707			850	1,457	1,070	4,567	162	290
Holding with land	57,886	317,354	31,121	75,954			24,691	56,644	40,313	149,015	4,378	18,547
Under 0.1 ha	6,816	25,137	2,022	4,050			1,877	3,964	4,947	14,173	446	1,573
0.1 ha and under 0.2 ha	9,166	41,007	3,290	8,134			2,373	4,709	6,819	26,207	243	580
0.2 ha and under 0.5 ha	12,558	62,122	7,335	16,704			4,534	8,571	8,658	31,644	973	3,353
0.5 ha and under 1 ha	12,826	68,316	8,157	18,645			5,951	12,772	8,624	31,753	649	2,194
1 ha and under 2 ha	11,953	82,057	7,198	18,779			6,766	17,346	8,357	33,928	1,216	6,417
2 ha and under 3 ha	3,089	23,945	2,228	6,360			2,055	5,116	1,972	7,322	446	2,236
3 ha and under 4 ha	940	10,881	617	2,444			673	2,642	635	3,154	324	1,697
4 ha and under 5 ha	369	2,480	137	301			354	1,253	167	435	41	373
5 ha and under 10 ha	168	1,408	137	536			106	271	134	399	41	124
10 ha and over												
Total	59,464	325,650	31,841	77,661			25,541	58,101	41,383	153,582	4,540	18,837

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	176	275								
Holding with land	11,500	17,194								
Under 0.1 ha	882	1,377								
0.1 ha and under 0.2 ha	1,023	1,377								
0.2 ha and under 0.5 ha	1,482	1,849								
0.5 ha and under 1 ha	2,434	2,951								
1 ha and under 2 ha	3,704	5,587								
2 ha and under 3 ha	1,340	2,911								
3 ha and under 4 ha	529	944								
4 ha and under 5 ha	71	118								
5 ha and under 10 ha	35	79								
10 ha and over										
Total	11,676	17,469								

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	720	1,707	1,640	67	234	234		167	167		67	67	
Holding with land	31,121	75,954	73,510	2,444	5,691	5,523	167	2,845	2,778	67	2,845	2,745	100
under 0.1 ha	2,022	4,050	3,716	335	368	368		268	268		100	100	
0.1 ha and under 0.2 ha	3,290	8,134	7,833	301	1,004	937	67	469	469		536	469	67
0.2 ha and under 0.5 ha	7,335	16,704	16,269	435	1,506	1,473	33	703	703		803	770	33
0.5 ha and under 1 ha	8,157	18,645	18,277	368	904	904		502	502		402	402	
1 ha and under 2 ha	7,198	18,779	18,143	636	1,071	1,038	33	469	435	33	603	603	
2 ha and under 3 ha	2,228	6,360	6,059	301	636	636		301	301		335	335	
3 ha and under 4 ha	617	2,444	2,377	67	134	100	33	100	67	33	33	33	
4 ha and under 5 ha	137	301	301										
5 ha and under 10 ha	137	536	536		67	67		33	33		33	33	
10 ha and over													
Total	31,841	77,661	75,150	2,511	5,925	5,758	167	3,013	2,946	67	2,912	2,812	100

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	402	402		201	201		201	201	
Holding with land	7,498	7,297	201	3,850	3,850		3,649	3,448	201
under 0.1 ha	469	469		167	167		301	301	
0.1 ha and under 0.2 ha	1,406	1,406		803	803		603	603	
0.2 ha and under 0.5 ha	1,774	1,707	67	937	937		837	770	67
0.5 ha and under 1 ha	1,272	1,239	33	569	569		703	669	33
1 ha and under 2 ha	1,707	1,607	100	870	870		837	736	100
2 ha and under 3 ha	368	368		201	201		167	167	
3 ha and under 4 ha	201	201		167	167		33	33	
4 ha and under 5 ha	67	67					67	67	
5 ha and under 10 ha	234	234		134	134		100	100	
10 ha and over									
Total	7,900	7,699	201	4,050	4,050		3,850	3,649	201

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Cattle											
	Three years and over											
	Total			Male			Female					
	Number of heads			Number of heads			Cows			Cows in milk		
	Total	Local	Improved	Total	Local	Improved	Number of heads			Number of heads		
Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	
Holding without land	1,071	1,004	67	603	536	67	268	268		201	201	
Holding with land	62,765	60,689	2,075	50,245	48,438	1,808	5,289	5,088	201	7,231	7,164	67
Under 0.1 ha	3,214	2,879	335	2,008	1,674	335	536	536		669	669	
0.1 ha and Under 0.2 ha	5,724	5,490	234	4,151	4,017	134	636	569	67	937	904	33
0.2 ha and Under 0.5 ha	13,423	13,089	335	10,411	10,143	268	1,071	1,004	67	1,942	1,942	
0.5 ha and Under 1 ha	16,469	16,135	335	13,658	13,356	301	1,071	1,071		1,741	1,707	33
1 ha and Under 2 ha	16,001	15,499	502	13,624	13,156	469	1,306	1,272	33	1,071	1,071	
2 ha and Under 3 ha	5,356	5,055	301	4,318	4,017	301	502	502		536	536	
3 ha and Under 4 ha	2,109	2,075	33	1,674	1,674		134	100	33	301	301	
4 ha and Under 5 ha	234	234		201	201		33	33				
5 ha and Under 10 ha	234	234		201	201					33	33	
10 ha and over												
Total	63,836	61,694	2,142	50,848	48,973	1,875	5,557	5,356	201	7,431	7,364	67

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

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

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	850	1,457	1,457		305	305		102	102		203	203	
Holding with land	24,691	56,644	56,272	373	6,505	6,471	34	3,354	3,320	34	3,151	3,151	
under 0.1 ha	1,877	3,964	3,964		847	847		440	440		407	407	
0.1 ha and under 0.2 ha	2,373	4,709	4,506	203	1,016	982	34	576	542	34	440	440	
0.2 ha and under 0.5 ha	4,534	8,571	8,503	68	1,118	1,118		508	508		610	610	
0.5 ha and under 1 ha	5,951	12,772	12,738	34	1,457	1,457		542	542		915	915	
1 ha and under 2 ha	6,766	17,346	17,278	68	1,355	1,355		847	847		508	508	
2 ha and under 3 ha	2,055	5,116	5,116		237	237		102	102		136	136	
3 ha and under 4 ha	673	2,642	2,642		339	339		203	203		136	136	
4 ha and under 5 ha	354	1,253	1,253		136	136		136	136				
5 ha and under 10 ha	106	271	271										
10 ha and over													
Total	25,541	58,101	57,728	373	6,810	6,776	34	3,456	3,422	34	3,354	3,354	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	237	237		34	34		203	203	
Holding with land	9,655	9,621	34	3,862	3,862		5,793	5,759	34
under 0.1 ha	1,050	1,050		407	407		644	644	
0.1 ha and under 0.2 ha	678	678		271	271		407	407	
0.2 ha and under 0.5 ha	2,236	2,202	34	847	847		1,389	1,355	34
0.5 ha and under 1 ha	2,236	2,236		1,084	1,084		1,152	1,152	
1 ha and under 2 ha	2,202	2,202		813	813		1,389	1,389	
2 ha and under 3 ha	542	542		237	237		305	305	
3 ha and under 4 ha	373	373		68	68		305	305	
4 ha and under 5 ha	339	339		136	136		203	203	
5 ha and under 10 ha									
10 ha and over									
Total	9,892	9,859	34	3,896	3,896		5,996	5,963	34

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	915	915		305	305		305	305		305	305	
Holding with land	40,484	40,179	305	25,510	25,307	203	8,571	8,537	34	6,403	6,335	68
Under 0.1 ha	2,067	2,067		474	474		982	982		610	610	
0.1 ha and Under 0.2 ha	3,015	2,846	169	1,118	982	136	1,220	1,186	34	678	678	
0.2 ha and Under 0.5 ha	5,217	5,183	34	2,338	2,338		1,389	1,389		1,491	1,457	34
0.5 ha and Under 1 ha	9,079	9,045	34	5,556	5,556		2,033	2,033		1,491	1,457	34
1 ha and Under 2 ha	13,788	13,721	68	10,265	10,197	68	1,931	1,931		1,592	1,592	
2 ha and Under 3 ha	4,336	4,336		3,489	3,489		576	576		271	271	
3 ha and Under 4 ha	1,931	1,931		1,457	1,457		271	271		203	203	
4 ha and Under 5 ha	779	779		542	542		169	169		68	68	
5 ha and Under 10 ha	271	271		271	271							
10 ha and over												
Total	41,399	41,094	305	25,815	25,612	203	8,876	8,842	34	6,708	6,640	68

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Goat												
	All ages				Under six months								
	No. of holdings	No. of heads			No. of heads			Male			Female		
		Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	1,070	4,567	4,567		1,486	1,486		834	834		652	652	
Holding with land	40,313	149,015	148,072	942	49,913	49,660	254	24,938	24,830	109	24,975	24,830	145
Under 0.1 ha	4,947	14,173	14,100	72	4,821	4,748	72	2,501	2,465	36	2,320	2,284	36
0.1 ha and Under 0.2 ha	6,819	26,207	25,772	435	8,736	8,699	36	3,951	3,915	36	4,785	4,785	
0.2 ha and Under 0.5 ha	8,658	31,644	31,536	109	10,621	10,621		5,473	5,473		5,147	5,147	
0.5 ha and Under 1 ha	8,624	31,753	31,717	36	9,388	9,388		5,002	5,002		4,386	4,386	
1 ha and Under 2 ha	8,357	33,928	33,747	181	12,614	12,542	72	6,162	6,162		6,452	6,380	72
2 ha and Under 3 ha	1,972	7,322	7,322		2,392	2,392		1,196	1,196		1,196	1,196	
3 ha and Under 4 ha	635	3,154	3,045	109	1,160	1,087	72	652	616	36	507	471	36
4 ha and Under 5 ha	167	435	435		109	109					109	109	
5 ha and Under 10 ha	134	399	399		72	72					72	72	
10 ha and over													
Total	41,383	153,582	152,640	942	51,399	51,146	254	25,772	25,663	109	25,627	25,482	145

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Goat								
	Six months and over								
	Total			Male			Female		
	No. of heads			No. of heads			No. of heads		
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	3,081	3,081		1,196	1,196		1,885	1,885	
Holding with land	99,102	98,413	689	29,071	28,636	435	70,031	69,777	254
Under 0.1 ha	9,352	9,352		2,610	2,610		6,742	6,742	
0.1 ha and Under 0.2 ha	17,471	17,073	399	5,510	5,256	254	11,962	11,817	145
0.2 ha and Under 0.5 ha	21,024	20,915	109	6,126	6,017	109	14,898	14,898	
0.5 ha and Under 1 ha	22,365	22,329	36	6,090	6,090		16,275	16,239	36
1 ha and Under 2 ha	21,314	21,205	109	6,271	6,235	36	15,043	14,970	72
2 ha and Under 3 ha	4,930	4,930		1,486	1,486		3,444	3,444	
3 ha and Under 4 ha	1,994	1,957	36	725	689	36	1,269	1,269	
4 ha and Under 5 ha	326	326		109	109		217	217	
5 ha and Under 10 ha	326	326		145	145		181	181	
10 ha and over									
Total	102,183	101,494	689	30,267	29,832	435	71,916	71,662	254

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	162	290	290										
Holding with land	4,378	18,547	18,464	83	5,755	5,755		3,271	3,271		2,484	2,484	
Under 0.1 ha	446	1,573	1,573		331	331		290	290		41	41	
0.1 ha and Under 0.2 ha	243	580	580		248	248		166	166		83	83	
0.2 ha and Under 0.5 ha	973	3,353	3,353		1,118	1,118		538	538		580	580	
0.5 ha and Under 1 ha	649	2,194	2,194		455	455		207	207		248	248	
1 ha and Under 2 ha	1,216	6,417	6,334	83	2,194	2,194		1,076	1,076		1,118	1,118	
2 ha and Under 3 ha	446	2,236	2,236		869	869		621	621		248	248	
3 ha and Under 4 ha	324	1,697	1,697		331	331		166	166		166	166	
4 ha and Under 5 ha	41	373	373		207	207		207	207				
5 ha and Under 10 ha	41	124	124										
10 ha and over													
Total	4,540	18,837	18,754	83	5,755	5,755		3,271	3,271		2,484	2,484	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	290	290		83	83		207	207	
Holding with land	12,793	12,710	83	3,643	3,560	83	9,149	9,149	
Under 0.1 ha	1,242	1,242		331	331		911	911	
0.1 ha and Under 0.2 ha	331	331					331	331	
0.2 ha and Under 0.5 ha	2,236	2,236		580	580		1,656	1,656	
0.5 ha and Under 1 ha	1,739	1,739		497	497		1,242	1,242	
1 ha and Under 2 ha	4,223	4,140	83	1,325	1,242	83	2,898	2,898	
2 ha and Under 3 ha	1,366	1,366		414	414		952	952	
3 ha and Under 4 ha	1,366	1,366		455	455		911	911	
4 ha and Under 5 ha	166	166					166	166	
5 ha and Under 10 ha	124	124		41	41		83	83	
10 ha and over									
Total	13,082	13,000	83	3,726	3,643	83	9,356	9,356	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Pig									
	No. of holdings	Total			Under six months			Six months and over		
		Number of heads			Number of heads			Number of heads		
		Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	176	275	275		118	118		157	157	
Holding with land	11,500	17,194	16,918	275	5,744	5,548	197	11,449	11,371	79
Under 0.1 ha	882	1,377	1,377		511	511		866	866	
0.1 ha and Under 0.2 ha	1,023	1,377	1,298	79	551	472	79	826	826	
0.2 ha and Under 0.5 ha	1,482	1,849	1,771	79	433	393	39	1,416	1,377	39
0.5 ha and Under 1 ha	2,434	2,951	2,872	79	1,023	944	79	1,928	1,928	
1 ha and Under 2 ha	3,704	5,587	5,548	39	1,928	1,928		3,659	3,620	39
2 ha and Under 3 ha	1,340	2,911	2,911		1,062	1,062		1,849	1,849	
3 ha and Under 4 ha	529	944	944		236	236		708	708	
4 ha and Under 5 ha	71	118	118					118	118	
5 ha and Under 10 ha	35	79	79					79	79	
10 ha and over										
Total	11,676	17,469	17,194	275	5,862	5,666	197	11,607	11,528	79

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	1,256	12,187	1,256	12,187	7,265	1,935	1,595	1,392					
Holding with land	41,381	354,131	41,041	334,340	205,106	32,928	45,115	51,192	713	19,791	17,924	509	1,358
Under 0.1 ha	5,601	40,600	5,601	40,464	26,716	3,530	5,160	5,058	34	136			136
0.1 ha and Under 0.2 ha	6,925	48,442	6,857	47,390	27,700	5,567	5,601	8,521	102	1,052	849		204
0.2 ha and Under 0.5 ha	7,977	69,421	7,842	58,999	31,299	6,382	7,434	13,884	204	10,422	10,218	34	170
0.5 ha and Under 1 ha	8,419	67,384	8,351	66,807	40,804	6,246	9,912	9,845	170	577		339	238
1 ha and Under 2 ha	8,792	86,394	8,724	78,790	50,173	7,672	11,644	9,301	204	7,604	6,857	136	611
2 ha and Under 3 ha	2,512	26,682	2,512	26,682	18,195	2,308	3,191	2,987					
3 ha and Under 4 ha	781	10,591	781	10,591	7,197	849	1,324	1,222					
4 ha and Under 5 ha	238	3,055	238	3,055	2,308	204	272	272					
5 ha and Under 10 ha	136	1,562	136	1,562	713	170	577	102					
10 ha and over													
Total	42,637	366,318	42,298	346,527	212,370	34,863	46,711	52,583	713	19,791	17,924	509	1,358

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	68	136				
Holding with land	2,648	7,977	373	3,768	272	1,222
Under 0.1 ha	238	713	34	102	68	339
0.1 ha and Under 0.2 ha	238	441	68	781	68	102
0.2 ha and Under 0.5 ha	238	577	68	1,086		
0.5 ha and Under 1 ha	441	1,697	34	68	68	68
1 ha and Under 2 ha	815	2,003	102	679	34	34
2 ha and Under 3 ha	306	1,358	34	849		
3 ha and Under 4 ha	272	883	34	204		
4 ha and Under 5 ha	68	170			34	679
5 ha and Under 10 ha	34	136				
10 ha and over						
Total	2,716	8,113	373	3,768	272	1,222

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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			170		34			34	34	68	68		170
Holding with land	68,063	47,233.5	58,694	713	12,832	4,481	1,833	28,651	32,249	9,675	25,460	10,490	14,325
Under 0.1 ha	11,304	574.3	5,635		1,460	34	68	306	441	204	509	984	2,003
0.1 ha and Under 0.2 ha	12,289	1,928.5	10,456	34	2,139	475	34	2,342	3,157	611	1,629	883	1,833
0.2 ha and Under 0.5 ha	13,884	4,583.2	12,696	34	3,157	1,188	441	6,416	7,502	1,935	4,040	1,765	2,716
0.5 ha and Under 1 ha	13,647	9,433.7	13,239	170	2,478	1,256	679	7,672	8,860	2,512	7,197	2,207	2,852
1 ha and Under 2 ha	12,255	17,076.9	12,085	339	2,614	1,154	543	8,113	8,555	3,021	8,079	2,818	3,191
2 ha and Under 3 ha	3,157	7,592.7	3,157	68	645	204	34	2,614	2,444	713	2,784	984	1,052
3 ha and Under 4 ha	951	3,238.7	917	34	238	68		815	883	373	781	407	441
4 ha and Under 5 ha	407	1,807.3	339		102	102	34	306	272	204	306	306	204
5 ha and Under 10 ha	170	998.3	170	34				68	136	102	136	136	34
10 ha and over													
Total	68,063	47,233.5	58,863	713	12,866	4,481	1,833	28,685	32,283	9,743	25,528	10,490	14,495

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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			204	238	238										
Holding with land	68,063	47,233.5	42,637	47,525	46,677	815	34		204	204	170	34			
Under 0.1 ha	11,304	574.3	1,799	1,799	1,765	34			34	34		34			
0.1 ha and Under 0.2 ha	12,289	1,928.5	5,941	6,009	5,669	339									
0.2 ha and Under 0.5 ha	13,884	4,583.2	8,588	8,894	8,724	170									
0.5 ha and Under 1 ha	13,647	9,433.7	10,931	11,440	11,270	170									
1 ha and Under 2 ha	12,255	17,076.9	10,999	12,662	12,526	102	34		68	68	68				
2 ha and Under 3 ha	3,157	7,592.7	2,987	4,175	4,175				68	68	68				
3 ha and Under 4 ha	951	3,238.7	883	1,595	1,595										
4 ha and Under 5 ha	407	1,807.3	339	543	543										
5 ha and Under 10 ha	170	998.3	170	407	407				34	34	34				
10 ha and over															
Total	68,063	47,233.5	42,841	47,763	46,914	815	34		204	204	170	34			

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	34	34	34									
Holding with land	11,236	11,474	10,829	645			1,222	1,222	1,222			
Under 0.1 ha	1,392	1,392	1,256	136								
0.1 ha and Under 0.2 ha	1,935	1,969	1,833	136			102	102	102			
0.2 ha and Under 0.5 ha	2,818	2,885	2,716	170			306	306	306			
0.5 ha and Under 1 ha	2,037	2,105	1,969	136			373	373	373			
1 ha and Under 2 ha	2,207	2,274	2,240	34			272	272	272			
2 ha and Under 3 ha	577	577	543	34			34	34	34			
3 ha and Under 4 ha	204	204	204				68	68	68			
4 ha and Under 5 ha	68	68	68				68	68	68			
5 ha and Under 10 ha												
10 ha and over												
Total	11,270	11,508	10,863	645			1,222	1,222	1,222			

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	883	883	747	136			713	713	679	34		
Under 0.1 ha	68	68	68				34	34	34			
0.1 ha and Under 0.2 ha							68	68	34	34		
0.2 ha and Under 0.5 ha	136	136	102	34			68	68	68			
0.5 ha and Under 1 ha	407	407	306	102			68	68	68			
1 ha and Under 2 ha	238	238	238				170	170	170			
2 ha and Under 3 ha	34	34	34				170	170	170			
3 ha and Under 4 ha							68	68	68			
4 ha and Under 5 ha							68	68	68			
5 ha and Under 10 ha												
10 ha and over												
Total	883	883	747	136			713	713	679	34		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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							34	34		34		
Holding with land	475	543	543				2,546	2,885	1,731	1,154		
Under 0.1 ha	34	34	34				68	68	34	34		
0.1 ha and Under 0.2 ha	34	34	34				204	272	68	204		
0.2 ha and Under 0.5 ha	34	34	34				373	373	102	272		
0.5 ha and Under 1 ha	34	34	34				475	475	272	204		
1 ha and Under 2 ha	102	102	102				849	1,086	815	272		
2 ha and Under 3 ha	102	136	136				272	306	204	102		
3 ha and Under 4 ha	68	68	68				136	136	68	68		
4 ha and Under 5 ha	68	102	102				170	170	170			
5 ha and Under 10 ha												
10 ha and over												
Total	475	543	543				2,580	2,919	1,731	1,188		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	34	34	34									
Holding with land	11,202	11,270	10,863	407			3,700	3,836	3,802	34		
Under 0.1 ha	136	136	136				441	441	441			
0.1 ha and Under 0.2 ha	339	373	339	34			373	407	373	34		
0.2 ha and Under 0.5 ha	747	747	679	68			509	509	509			
0.5 ha and Under 1 ha	2,682	2,682	2,580	102			475	475	475			
1 ha and Under 2 ha	4,447	4,447	4,277	170			917	951	951			
2 ha and Under 3 ha	1,935	1,969	1,969				543	577	577			
3 ha and Under 4 ha	543	543	509	34			204	238	238			
4 ha and Under 5 ha	272	272	272				136	136	136			
5 ha and Under 10 ha	102	102	102				102	102	102			
10 ha and over												
Total	11,236	11,304	10,897	407			3,700	3,836	3,802	34		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	68	68	68			
Holding with land	4,108	4,108	4,040	68		
Under 0.1 ha	645	645	645			
0.1 ha and Under 0.2 ha	204	204	204			
0.2 ha and Under 0.5 ha	781	781	781			
0.5 ha and Under 1 ha	917	917	849	68		
1 ha and Under 2 ha	1,120	1,120	1,120			
2 ha and Under 3 ha	272	272	272			
3 ha and Under 4 ha	136	136	136			
4 ha and Under 5 ha	34	34	34			
5 ha and Under 10 ha						
10 ha and over						
Total	4,175	4,175	4,108	68		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	For keeping livestock					For keeping poultry				
	No. of holdings reporting the use	Number by source				No. of holdings reporting the use	Number by source			
		Total	Owned	Rented	Others		Total	Owned	Rented	Others
Holding without land	1,426	1,426	1,426			102	102	102		
Holding with land	39,989	41,653	41,517	68	68	1,256	1,256	1,256		
Under 0.1 ha	4,209	4,243	4,209	34		272	272	272		
0.1 ha and Under 0.2 ha	5,431	5,601	5,601			136	136	136		
0.2 ha and Under 0.5 ha	7,366	7,638	7,604	34		272	272	272		
0.5 ha and Under 1 ha	9,505	9,641	9,607		34	272	272	272		
1 ha and Under 2 ha	9,369	9,845	9,811		34	170	170	170		
2 ha and Under 3 ha	2,750	3,089	3,089							
3 ha and Under 4 ha	883	1,086	1,086			34	34	34		
4 ha and Under 5 ha	373	373	373			102	102	102		
5 ha and Under 10 ha	102	136	136							
10 ha and over										
Total	41,415	43,078	42,942	68	68	1,358	1,358	1,358		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	1,086	1,086	1,052		34	1,629	1,663	1,663		
Under 0.1 ha						68	68	68		
0.1 ha and Under 0.2 ha	34	34	34			68	68	68		
0.2 ha and Under 0.5 ha	68	68	68			238	238	238		
0.5 ha and Under 1 ha	170	170	170			170	170	170		
1 ha and Under 2 ha	441	441	407		34	747	747	747		
2 ha and Under 3 ha	136	136	136			170	204	204		
3 ha and Under 4 ha	136	136	136			68	68	68		
4 ha and Under 5 ha	102	102	102			102	102	102		
5 ha and Under 10 ha										
10 ha and over										
Total	1,086	1,086	1,052		34	1,629	1,663	1,663		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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			645				1,799
Holding with land	68,063	47,233.5	27,565	509	22.5	30,993	170,718
Under 0.1 ha	11,304	574.3	3,191				13,307
0.1 ha and Under 0.2 ha	12,289	1,928.5	3,768	68	1.5	781	17,143
0.2 ha and Under 0.5 ha	13,884	4,583.2	5,262	34	2.3	1,697	32,826
0.5 ha and Under 1 ha	13,647	9,433.7	6,110	136	3.7	7,197	36,696
1 ha and Under 2 ha	12,255	17,076.9	6,382	238	13.8	17,924	47,695
2 ha and Under 3 ha	3,157	7,592.7	1,799	34	1.1	3,395	12,424
3 ha and Under 4 ha	951	3,238.7	781				7,944
4 ha and Under 5 ha	407	1,807.3	170				1,494
5 ha and Under 10 ha	170	998.3	102				1,188
10 ha and over							
Total	68,063	47,233.5	28,210	509	22.5	30,993	172,517

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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			645	645			
Holding with land	68,063	47,233.5	27,565	27,361	34	34	136
Under 0.1 ha	11,304	574.3	3,191	3,157			34
0.1 ha and Under 0.2 ha	12,289	1,928.5	3,768	3,768			
0.2 ha and Under 0.5 ha	13,884	4,583.2	5,262	5,228			34
0.5 ha and Under 1 ha	13,647	9,433.7	6,110	6,043	34		34
1 ha and Under 2 ha	12,255	17,076.9	6,382	6,348			34
2 ha and Under 3 ha	3,157	7,592.7	1,799	1,799			
3 ha and Under 4 ha	951	3,238.7	781	747		34	
4 ha and Under 5 ha	407	1,807.3	170	170			
5 ha and Under 10 ha	170	998.3	102	102			
10 ha and over							
Total	68,063	47,233.5	28,210	28,006	34	34	136

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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						
Holding with land	68,063	47,233.5	102		373	1,052
Under 0.1 ha	11,304	574.3	34		68	
0.1 ha and Under 0.2 ha	12,289	1,928.5	68		34	170
0.2 ha and Under 0.5 ha	13,884	4,583.2			102	136
0.5 ha and Under 1 ha	13,647	9,433.7			68	238
1 ha and Under 2 ha	12,255	17,076.9			68	373
2 ha and Under 3 ha	3,157	7,592.7			34	102
3 ha and Under 4 ha	951	3,238.7				
4 ha and Under 5 ha	407	1,807.3				34
5 ha and Under 10 ha	170	998.3				
10 ha and over						
Total	68,063	47,233.5	102		373	1,052

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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								
Holding with land	68,063	47,233.5	1,052	1,052	1,256	107.8		
Under 0.1 ha	11,304	574.3						
0.1 ha and Under 0.2 ha	12,289	1,928.5	170	170	170	2.0		
0.2 ha and Under 0.5 ha	13,884	4,583.2	136	136	204	7.2		
0.5 ha and Under 1 ha	13,647	9,433.7	238	238	238	4.0		
1 ha and Under 2 ha	12,255	17,076.9	373	373	407	24.4		
2 ha and Under 3 ha	3,157	7,592.7	102	102	102	12.6		
3 ha and Under 4 ha	951	3,238.7						
4 ha and Under 5 ha	407	1,807.3	34	34	136	57.5		
5 ha and Under 10 ha	170	998.3						
10 ha and over								
Total	68,063	47,233.5	1,052	1,052	1,256	107.8		

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Total		No. of holdings without agricultural credit	Number of holdings with credit by main source							
	No. of holdings	Area (ha)		Total	Cooperatives	ADB/N	Commercial Bank/financial institution	Farmer's group	Women's group	Relatives	Other
Holding without land			1,528	170	34					136	
Holding with land	68,063	47,233.5	51,803	14,563	2,274	713	1,086	2,750	2,750	3,666	1,324
Under 0.1 ha	11,304	574.3	9,098	577	68			102	136	238	34
0.1 ha and Under 0.2 ha	12,289	1,928.5	10,490	1,799	306	68	102	373	272	611	68
0.2 ha and Under 0.5 ha	13,884	4,583.2	10,999	2,852	509	136	306	238	679	815	170
0.5 ha and Under 1 ha	13,647	9,433.7	10,150	3,463	645	68	272	713	747	849	170
1 ha and Under 2 ha	12,255	17,076.9	8,385	3,870	577	204	238	917	543	849	543
2 ha and Under 3 ha	3,157	7,592.7	2,003	1,154	170	102	34	272	238	170	170
3 ha and Under 4 ha	951	3,238.7	407	543		34	68	102	136	102	102
4 ha and Under 5 ha	407	1,807.3	204	204		34	68	34		34	34
5 ha and Under 10 ha	170	998.3	68	102		68					34
10 ha and over											
Total	68,063	47,233.5	53,330	14,733	2,308	713	1,086	2,750	2,750	3,802	1,324

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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			475				475		
Holding with land	68,063	47,233.5	27,531	14,699	3,327	984	6,789	747	984
Under 0.1 ha	11,304	574.3	2,173	441	339	34	1,154	68	136
0.1 ha and Under 0.2 ha	12,289	1,928.5	4,786	1,799	645	238	1,765	136	204
0.2 ha and Under 0.5 ha	13,884	4,583.2	5,567	2,852	747	34	1,562	238	136
0.5 ha and Under 1 ha	13,647	9,433.7	6,246	3,429	883	170	1,324	204	238
1 ha and Under 2 ha	12,255	17,076.9	6,416	4,175	645	407	883	34	272
2 ha and Under 3 ha	3,157	7,592.7	1,494	1,256	68	68	102		
3 ha and Under 4 ha	951	3,238.7	543	475		34		34	
4 ha and Under 5 ha	407	1,807.3	204	170				34	
5 ha and Under 10 ha	170	998.3	102	102					
10 ha and over									
Total	68,063	47,233.5	28,006	14,699	3,327	984	7,265	747	984

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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			7,604		1,154	543	102	1,595
Holding with land	68,063	47,233.5	368,253	5.4	56,216	10,150	31,978	34,388
Under 0.1 ha	11,304	574.3	43,723	3.9	5,058	4,617	475	9,200
0.1 ha and Under 0.2 ha	12,289	1,928.5	54,688	4.5	9,233	3,055	1,018	11,270
0.2 ha and Under 0.5 ha	13,884	4,583.2	67,588	4.9	12,357	1,494	6,009	7,842
0.5 ha and Under 1 ha	13,647	9,433.7	74,717	5.5	12,798	815	9,912	3,700
1 ha and Under 2 ha	12,255	17,076.9	84,527	6.9	12,085	170	10,082	2,173
2 ha and Under 3 ha	3,157	7,592.7	26,410	8.4	3,157		2,953	204
3 ha and Under 4 ha	951	3,238.7	9,743	10.3	951		951	
4 ha and Under 5 ha	407	1,807.3	4,413	10.8	407		407	
5 ha and Under 10 ha	170	998.3	2,444	14.4	170		170	
10 ha and over								
Total	68,063	47,233.5	375,857	5.5	57,370	10,693	32,080	35,983

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Total number of holdings	Total number of holdings reporting insufficiency of own produce for household consumption	Period of insufficiency				Income sources for insufficiency						
			1 to 3 Months	4 to 6 Months	7 to 9 Months	10 to 12 Months	Own non-agricultural business	Wage earnings (within the district)	Wage earnings (outside the district)	Wage earnings (outside the country)	Pension	Borrowing	Other
Holding without land	1,697	1,595	68	102	339	1,086	34	441	34	407		68	611
Holding with land	66,366	34,388	5,669	13,273	8,045	7,400	815	16,905	3,564	8,011	339	1,629	3,123
Under 0.1 ha	9,675	9,200	373	1,290	1,867	5,669	306	4,345	679	1,969	136	170	1,595
0.1 ha and Under 0.2 ha	12,289	11,270	1,086	4,753	4,040	1,392	136	5,431	1,324	2,953	136	272	1,018
0.2 ha and Under 0.5 ha	13,850	7,842	1,663	4,141	1,765	272	204	3,700	984	1,901	34	577	441
0.5 ha and Under 1 ha	13,613	3,700	1,188	2,207	272	34	68	1,901	407	917	34	306	68
1 ha and Under 2 ha	12,255	2,173	1,222	849	68	34	102	1,358	170	238		306	
2 ha and Under 3 ha	3,157	204	136	34	34			170		34			
3 ha and Under 4 ha	951												
4 ha and Under 5 ha	407												
5 ha and Under 10 ha	170												
10 ha and over													
Total	68,063	35,983	5,737	13,375	8,385	8,487	849	17,347	3,598	8,419	339	1,697	3,734

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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			136	373	611	373	170	34
Holding with land	68,063	47,233.5	3,395	16,634	26,682	16,939	2,003	713
Under 0.1 ha	11,304	574.3	917	3,157	3,293	1,867	306	136
0.1 ha and Under 0.2 ha	12,289	1,928.5	645	2,885	5,024	3,497	170	68
0.2 ha and Under 0.5 ha	13,884	4,583.2	645	3,497	6,009	3,327	272	102
0.5 ha and Under 1 ha	13,647	9,433.7	272	3,530	5,737	3,598	339	136
1 ha and Under 2 ha	12,255	17,076.9	713	2,478	4,922	3,361	611	170
2 ha and Under 3 ha	3,157	7,592.7	102	747	1,256	849	170	34
3 ha and Under 4 ha	951	3,238.7	68	102	306	272	136	68
4 ha and Under 5 ha	407	1,807.3	34	170	68	136		
5 ha and Under 10 ha	170	998.3		68	68	34		
10 ha and over								
Total	68,063	47,233.5	3,530	17,007	27,293	17,313	2,173	747

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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			204	1,222			136	136
Holding with land	68,063	47,233.5	12,798	45,047	781	373	3,972	3,395
Under 0.1 ha	11,304	574.3	1,935	5,839	170	68	747	917
0.1 ha and Under 0.2 ha	12,289	1,928.5	2,852	8,011	204	68	509	645
0.2 ha and Under 0.5 ha	13,884	4,583.2	2,818	9,709	34	170	475	645
0.5 ha and Under 1 ha	13,647	9,433.7	2,342	9,878	238	68	815	272
1 ha and Under 2 ha	12,255	17,076.9	2,037	8,555	68		883	713
2 ha and Under 3 ha	3,157	7,592.7	509	2,173	34		339	102
3 ha and Under 4 ha	951	3,238.7	272	441	34		136	68
4 ha and Under 5 ha	407	1,807.3		306			68	34
5 ha and Under 10 ha	170	998.3	34	136				
10 ha and over								
Total	68,063	47,233.5	13,002	46,269	781	373	4,108	3,530

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Total		Household head		Classification of household		
	Number of holdings	Area (ha)	Holdings with holder as household head	Holdings with other person as household head	Single-holding household	Multi-holding household	Partnership household
Holding without land			1,595	102	1,697		
Holding with land	68,063	47,233.5	62,733	3,632	65,755	543	68
Under 0.1 ha	11,304	574.3	9,267	407	9,573	102	
0.1 ha and Under 0.2 ha	12,289	1,928.5	11,406	883	12,187	102	
0.2 ha and Under 0.5 ha	13,884	4,583.2	13,103	747	13,816	34	
0.5 ha and Under 1 ha	13,647	9,433.7	12,832	781	13,545	68	
1 ha and Under 2 ha	12,255	17,076.9	11,712	543	12,085	170	
2 ha and Under 3 ha	3,157	7,592.7	2,987	170	3,055	68	34
3 ha and Under 4 ha	951	3,238.7	917	34	951		
4 ha and Under 5 ha	407	1,807.3	339	68	373		34
5 ha and Under 10 ha	170	998.3	170		170		
10 ha and over							
Total	68,063	47,233.5	64,329	3,734	67,452	543	68

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Total		Main purpose of production		Main production of holdings							
	Number of holdings	Area (ha)	For household Consumptio	For sale	Cereals	Vegetables	Horticulture	Other crops	Livestock	Poultry	Fishery	Other
Holding without land			1,595	102					1,562	136		
Holding with land	68,063	47,233.5	65,789	577	62,699	2,614	170	679	170		34	
Under 0.1 ha	11,304	574.3	9,573	102	6,721	2,342	102	407	102			
0.1 ha and Under 0.2 ha	12,289	1,928.5	12,255	34	11,949	170	34	102	34			
0.2 ha and Under 0.5 ha	13,884	4,583.2	13,816	34	13,647	68	34	68	34			
0.5 ha and Under 1 ha	13,647	9,433.7	13,613		13,579			34				
1 ha and Under 2 ha	12,255	17,076.9	12,187	68	12,187	34		34				
2 ha and Under 3 ha	3,157	7,592.7	3,021	136	3,157							
3 ha and Under 4 ha	951	3,238.7	883	68	951							
4 ha and Under 5 ha	407	1,807.3	339	68	339			34			34	
5 ha and Under 10 ha	170	998.3	102	68	170							
10 ha and over												
Total	68,063	47,233.5	67,384	679	62,699	2,614	170	679	1,731	136	34	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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							136							34
Holding with land	68,063	47,233.5		339	34	339	3,497	238	102	34		272	102	102
Under 0.1 ha	11,304	574.3		68		102	747	68	68			68		34
0.1 ha and Under 0.2 ha	12,289	1,928.5				68	611			34		68	34	
0.2 ha and Under 0.5 ha	13,884	4,583.2		68		34	713	102	34			34		68
0.5 ha and Under 1 ha	13,647	9,433.7		34		68	645	34				34	34	
1 ha and Under 2 ha	12,255	17,076.9		102	34	68	577	34				68		
2 ha and Under 3 ha	3,157	7,592.7		68			136						34	
3 ha and Under 4 ha	951	3,238.7					68							
4 ha and Under 5 ha	407	1,807.3												
5 ha and Under 10 ha	170	998.3												
10 ha and over														
Total	68,063	47,233.5		339	34	339	3,632	238	102	34		272	102	136

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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								
Holding with land	68,063	47,233.5	1,833	614.0			815	118.1
Under 0.1 ha	11,304	574.3	102	7.1				
0.1 ha and Under 0.2 ha	12,289	1,928.5	68	9.2			102	8.0
0.2 ha and Under 0.5 ha	13,884	4,583.2	407	107.0			272	48.9
0.5 ha and Under 1 ha	13,647	9,433.7	407	93.1			272	32.5
1 ha and Under 2 ha	12,255	17,076.9	577	197.6			102	26.4
2 ha and Under 3 ha	3,157	7,592.7	204	182.8				
3 ha and Under 4 ha	951	3,238.7	68	17.2			68	2.3
4 ha and Under 5 ha	407	1,807.3						
5 ha and Under 10 ha	170	998.3						
10 ha and over								
Total	68,063	47,233.5	1,833	614.0			815	118.1

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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													
Holding with land	68,063	339	509	441	68	19,689	483,128	177,066	306,063	22,099	259,963	90,434	169,529
Under 0.1 ha	11,304	34	34	34		1,120	4,447	2,478	1,969	1,154	4,956	1,629	3,327
0.1 ha and Under 0.2 ha	12,289	34	34	34		1,867	11,746	5,737	6,009	3,802	25,154	8,622	16,532
0.2 ha and Under 0.5 ha	13,884					3,870	52,142	21,420	30,722	5,669	60,527	20,164	40,363
0.5 ha and Under 1 ha	13,647	68	68	34	34	4,515	84,052	29,024	55,027	5,669	77,364	25,765	51,599
1 ha and Under 2 ha	12,255	34	34	34		5,703	168,681	57,777	110,904	4,786	75,056	27,259	47,797
2 ha and Under 3 ha	3,157	34	34	34		1,494	72,204	25,799	46,405	781	9,471	3,225	6,246
3 ha and Under 4 ha	951	34	34	34		747	56,827	23,050	33,777	204	7,095	3,632	3,463
4 ha and Under 5 ha	407	102	272	238	34	272	25,562	8,215	17,347				
5 ha and Under 10 ha	170					102	7,468	3,564	3,904	34	339	136	204
10 ha and over													
Total	68,063	339	509	441	68	19,689	483,128	177,066	306,063	22,099	259,963	90,434	169,529

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

Table 26. Number of holdings reporting by holder's age, sex and total area of holding

Total area of holding	Total no. of holdings	Number of holdings by holder's age and sex							
		All ages		Under 15 years		15 - 24 years		25 - 34 years	
		Male	Female	Male	Female	Male	Female	Male	Female
Holding without land		1,222	475			136		272	170
Holding with land	68,063	57,030	9,335			2,003	543	11,134	3,157
Under 0.1 ha	11,304	7,570	2,105			407	238	2,037	747
0.1 ha and Under 0.2 ha	12,289	9,709	2,580			441	102	2,308	815
0.2 ha and Under 0.5 ha	13,884	11,338	2,512			475	204	2,716	1,086
0.5 ha and Under 1 ha	13,647	12,221	1,392			407		2,003	441
1 ha and Under 2 ha	12,255	11,610	645			204		1,358	34
2 ha and Under 3 ha	3,157	3,089	68			68		407	34
3 ha and Under 4 ha	951	917	34					136	
4 ha and Under 5 ha	407	407						136	
5 ha and Under 10 ha	170	170						34	
10 ha and over									
Total	68,063	58,252	9,811			2,139	543	11,406	3,327

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	238	102	306	68	170	136	102	
Holding with land	17,143	2,274	13,613	1,765	9,030	984	4,108	611
Under 0.1 ha	2,105	475	1,358	306	951	136	713	204
0.1 ha and Under 0.2 ha	2,987	509	1,969	407	1,290	441	713	306
0.2 ha and Under 0.5 ha	3,395	611	2,376	339	1,595	204	781	68
0.5 ha and Under 1 ha	3,632	407	3,055	475	2,274	68	849	
1 ha and Under 2 ha	3,734	238	3,530	238	2,105	102	679	34
2 ha and Under 3 ha	883	34	1,052		475		204	
3 ha and Under 4 ha	339		204		204	34	34	
4 ha and Under 5 ha	34		68		68		102	
5 ha and Under 10 ha	34				68		34	
10 ha and over								
Total	17,381	2,376	13,918	1,833	9,200	1,120	4,209	611

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	67.9	48.9	19.0			2.5		26.6	4.5
Holding with land	47,165.6	43,828.8	3,336.8			972.1	84.5	6,914.3	943.6
Under 0.1 ha	538.6	422.8	115.7			22.7	12.3	106.7	38.1
0.1 ha and Under 0.2 ha	1,928.5	1,522.3	406.2			70.1	15.7	362.9	122.6
0.2 ha and Under 0.5 ha	4,574.0	3,773.4	800.6			162.8	56.5	901.5	367.4
0.5 ha and Under 1 ha	9,410.7	8,484.3	926.4			273.7		1,339.6	281.5
1 ha and Under 2 ha	17,076.9	16,271.1	805.8			276.6		1,966.7	36.6
2 ha and Under 3 ha	7,592.7	7,424.9	167.9			166.2		996.4	97.4
3 ha and Under 4 ha	3,238.7	3,124.4	114.3					457.4	
4 ha and Under 5 ha	1,807.3	1,807.3						578.3	
5 ha and Under 10 ha	998.3	998.3						204.6	
10 ha and over									
Total	47,233.5	43,877.7	3,355.7			974.6	84.5	6,940.9	948.1

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	6.4	10.5	8.6	0.7	3.1	3.3	1.7	
Holding with land	12,993.7	956.0	11,721.6	789.9	8,053.0	433.5	3,174.0	129.2
Under 0.1 ha	119.2	29.3	71.3	16.3	56.0	9.5	46.9	10.1
0.1 ha and Under 0.2 ha	475.3	84.7	301.5	63.1	197.3	71.6	115.1	48.6
0.2 ha and Under 0.5 ha	1,108.4	193.3	793.0	101.2	544.3	60.3	263.4	21.9
0.5 ha and Under 1 ha	2,509.2	272.3	2,198.9	328.8	1,620.9	43.7	542.0	
1 ha and Under 2 ha	5,200.1	306.0	4,798.8	280.6	3,080.3	134.1	948.5	48.6
2 ha and Under 3 ha	2,122.4	70.5	2,546.7		1,094.1		499.0	
3 ha and Under 4 ha	1,131.5		706.4		715.9	114.3	113.1	
4 ha and Under 5 ha	148.6		304.9		308.5		467.1	
5 ha and Under 10 ha	179.0				435.7		179.0	
10 ha and over								
Total	13,000.2	966.4	11,730.2	790.6	8,056.2	436.9	3,175.7	129.2

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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

Total area of holding	Total number of holdings	Farm population							
		All Ages		Under 15 Years		15 - 24 Years		25 - 34 Years	
		Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	1,697	3,768	3,836	1,324	815	815	984	611	747
Holding with land	66,366	183,957	184,296	59,441	55,639	41,720	45,896	25,222	29,907
Under 0.1 ha	9,675	21,658	22,065	7,876	6,925	4,040	5,262	3,157	3,802
0.1 ha and Under 0.2 ha	12,289	27,259	27,429	9,301	9,233	5,296	5,126	3,836	5,262
0.2 ha and Under 0.5 ha	13,850	33,675	33,913	12,357	10,761	6,246	7,706	4,820	5,907
0.5 ha and Under 1 ha	13,613	37,579	37,138	11,949	10,863	8,724	9,505	4,888	5,737
1 ha and Under 2 ha	12,255	43,078	41,449	12,255	11,610	11,915	11,406	5,228	6,043
2 ha and Under 3 ha	3,157	12,798	13,613	3,327	3,463	3,463	4,481	2,003	1,901
3 ha and Under 4 ha	951	4,617	5,126	1,494	1,663	1,086	1,494	747	781
4 ha and Under 5 ha	407	2,207	2,207	713	747	543	407	407	407
5 ha and Under 10 ha	170	1,086	1,358	170	373	407	509	136	68
10 ha and over									
Total	68,063	187,725	188,132	60,764	56,453	42,535	46,880	25,833	30,654

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	272	441	339	306	204	306	204	238
Holding with land	22,201	21,828	16,226	14,427	11,270	9,912	7,876	6,687
Under 0.1 ha	2,750	2,546	1,765	1,426	1,120	1,222	951	883
0.1 ha and Under 0.2 ha	3,564	3,055	2,444	1,969	1,833	1,697	984	1,086
0.2 ha and Under 0.5 ha	4,277	3,972	2,682	2,580	1,765	1,765	1,528	1,222
0.5 ha and Under 1 ha	4,413	4,515	3,395	3,089	2,614	2,240	1,595	1,188
1 ha and Under 2 ha	4,820	5,160	4,175	3,666	2,682	2,003	2,003	1,562
2 ha and Under 3 ha	1,426	1,629	1,222	1,120	815	577	543	441
3 ha and Under 4 ha	577	509	306	306	306	204	102	170
4 ha and Under 5 ha	204	238	136	136	68	204	136	68
5 ha and Under 10 ha	170	204	102	136	68		34	68
10 ha and over								
Total	22,473	22,269	16,566	14,733	11,474	10,218	8,079	6,925

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	1,222	475	306	34	272	34				102	
Holding with land	57,030	9,335	10,591	984	10,999	1,290	2,139	204	1,358	68	
Under 0.1 ha	7,570	2,105	1,358	407	1,765	373	170	136	136	34	
0.1 ha and Under 0.2 ha	9,709	2,580	1,765	136	1,392	204	238	34	272	34	
0.2 ha and Under 0.5 ha	11,338	2,512	2,240	306	2,580	543	679	34	238		
0.5 ha and Under 1 ha	12,221	1,392	2,410	68	2,512	136	509		238		
1 ha and Under 2 ha	11,610	645	2,037	68	1,935		272		306		
2 ha and Under 3 ha	3,089	68	611		475		272		68		
3 ha and Under 4 ha	917	34	170		136	34			34		
4 ha and Under 5 ha	407				204						
5 ha and Under 10 ha	170								68		
10 ha and over											
Total	58,252	9,811	10,897	1,018	11,270	1,324	2,139	204	1,460	68	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	34						373	170	136	238
Holding with land	441		339		34		13,002	2,885	18,128	3,904
Under 0.1 ha	68		204				1,935	509	1,935	645
0.1 ha and Under 0.2 ha	68		34				2,342	747	3,598	1,426
0.2 ha and Under 0.5 ha	136		68				2,274	951	3,123	679
0.5 ha and Under 1 ha			34				2,308	373	4,209	815
1 ha and Under 2 ha	34						3,021	238	4,006	339
2 ha and Under 3 ha					34		679	68	951	
3 ha and Under 4 ha	102						238		238	
4 ha and Under 5 ha							170		34	
5 ha and Under 10 ha	34						34		34	
10 ha and over										
Total	475		339		34		13,375	3,055	18,263	4,141

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

Table 30. Educational level of farm population other than holder

Total area of hoding	Total		Level of education							
			Upto 5 class		6 - 10 class		SLC		Intermediate level / 10+2	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	2,240	3,089	883	509	713	747	68	204	102	170
Holding with land	111,583	161,145	46,812	44,504	35,746	33,811	6,687	5,873	4,888	3,530
Under 0.1 ha	11,813	18,128	5,398	5,703	3,598	3,191	509	645	577	679
0.1 ha and Under 0.2 ha	15,276	22,744	7,638	7,604	4,108	4,175	611	611	577	339
0.2 ha and Under 0.5 ha	19,689	28,821	8,962	8,317	6,416	6,925	747	815	951	543
0.5 ha and Under 1 ha	22,541	33,030	9,946	8,860	7,332	7,265	1,494	1,562	849	679
1 ha and Under 2 ha	27,836	37,884	10,048	9,505	9,573	7,265	2,240	1,426	1,086	815
2 ha and Under 3 ha	8,656	12,628	2,919	2,614	2,987	3,157	543	441	441	306
3 ha and Under 4 ha	3,327	4,786	1,188	1,052	815	1,290	339	339	272	68
4 ha and Under 5 ha	1,595	1,867	577	475	543	373	102			
5 ha and Under 10 ha	849	1,256	136	373	373	170	102	34	136	102
10 ha and over										
Total	113,823	164,234	47,695	45,013	36,459	34,558	6,755	6,076	4,990	3,700

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	34	34					102	611	339	815
Holding with land	1,188	611	441	339	34		5,398	25,460	10,388	47,016
Under 0.1 ha	68	170	68	34			611	3,123	984	4,583
0.1 ha and Under 0.2 ha	68	68	170	136			984	2,919	1,120	6,891
0.2 ha and Under 0.5 ha	170	170	68	34			781	4,074	1,595	7,944
0.5 ha and Under 1 ha	407	136	68	68			713	4,753	1,731	9,709
1 ha and Under 2 ha	339	34	34	34			1,324	6,416	3,191	12,391
2 ha and Under 3 ha	102	34	34		34		543	2,274	1,052	3,802
3 ha and Under 4 ha	34						306	1,052	373	984
4 ha and Under 5 ha							136	611	238	407
5 ha and Under 10 ha				34				238	102	306
10 ha and over										
Total	1,222	645	441	339	34		5,499	26,071	10,727	47,831

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

Table 31. Occupational distribution of holder

Total area of hoding	Total		Main occupation											
			Armed forces		Managers		Professionals		Technicians and associate		Clerical support workers		Service and sales workers	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	1,222	475					68		68					
Holding with land	57,030	9,335	373		238		645	34	306		306		577	
Under 0.1 ha	7,570	2,105	68		68		238	34	170		68		170	
0.1 ha and Under 0.2 ha	9,709	2,580	102		68		170				34		136	
0.2 ha and Under 0.5 ha	11,338	2,512	102		34		136		34		136		136	
0.5 ha and Under 1 ha	12,221	1,392	102				34		102		34		68	
1 ha and Under 2 ha	11,610	645			68								34	
2 ha and Under 3 ha	3,089	68					34						34	
3 ha and Under 4 ha	917	34									34			
4 ha and Under 5 ha	407													
5 ha and Under 10 ha	170						34							
10 ha and over														
Total	58,252	9,811	373		238		713	34	373		306		577	

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	645	238	34		68		34		68	204	68		170	34
Holding with land	42,603	6,789	2,987	34	713		2,478	34	1,969	2,410	339	34	3,497	
Under 0.1 ha	3,904	1,120	1,256		272		543	34	136	883	34	34	645	
0.1 ha and Under 0.2 ha	6,552	1,833	645		170		645		577	747	34		577	
0.2 ha and Under 0.5 ha	8,962	2,105	441	34	204		373		407	373	68		306	
0.5 ha and Under 1 ha	9,709	1,154	373		68		441		407	238	68		815	
1 ha and Under 2 ha	9,743	509	204				339		339	136	68		815	
2 ha and Under 3 ha	2,512	34	68				102		68	34	68		204	
3 ha and Under 4 ha	713	34					34		34				102	
4 ha and Under 5 ha	373												34	
5 ha and Under 10 ha	136													
10 ha and over														
Total	43,248	7,027	3,021	34	781		2,512	34	2,037	2,614	407	34	3,666	34

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	1,901	2,885	68					68						
Holding with land	92,878	142,067	1,086	339	373	441	373	441	441	238	204	68	1,324	272
Under 0.1 ha	9,777	15,582	238	68	34	102		102	68				170	34
0.1 ha and Under 0.2 ha	12,051	19,859	68	34	204	136	34	68	68	34	68		238	68
0.2 ha and Under 0.5 ha	15,582	25,324	68	34		68	136	102	34	34	68	68	204	34
0.5 ha and Under 1 ha	18,535	29,160	204	68	34	68	102	102	136	34	34		136	
1 ha and Under 2 ha	24,170	33,947	441	136	68		68	68	68	68	34		509	34
2 ha and Under 3 ha	7,774	11,202	34		34				68	68				102
3 ha and Under 4 ha	2,818	4,345				68	34						68	
4 ha and Under 5 ha	1,392	1,528												
5 ha and Under 10 ha	781	1,120	34											
10 ha and over														
Total	94,779	144,952	1,154	339	373	441	373	509	441	238	204	68	1,324	272

NATIONAL SAMPLE CENSUS OF AGRICULTURE 2011/12

BARDIYA

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	272	238	136	68			34		68	1,494	1,154	883	170	136
Holding with land	18,331	13,477	4,447	645	1,120	68	3,361	272	3,802	74,683	49,324	45,930	8,690	5,194
Under 0.1 ha	1,494	1,494	679	238	102		407	68	306	8,215	5,771	5,058	509	204
0.1 ha and Under 0.2 ha	2,614	2,240	441	68	238	34	509	34	306	9,878	6,416	6,721	849	543
0.2 ha and Under 0.5 ha	2,750	3,564	645	136	170		645	34	679	12,085	8,860	8,181	1,324	984
0.5 ha and Under 1 ha	2,546	2,953	1,086	136	238		747	68	747	15,106	10,286	9,437	2,240	1,188
1 ha and Under 2 ha	5,635	2,173	1,120	34	204	34	781	34	951	19,417	11,779	10,490	2,512	1,460
2 ha and Under 3 ha	1,765	679	441	34	170		272	34	407	6,246	3,802	3,666	781	373
3 ha and Under 4 ha	645	272							204	1,935	1,562	1,867	306	204
4 ha and Under 5 ha	713	34							136	1,120	475	170	68	204
5 ha and Under 10 ha	170	68	34						68	679	373	339	102	34
10 ha and over														
Total	18,603	13,714	4,583	713	1,120	68	3,395	272	3,870	76,176	50,479	46,812	8,860	5,330

TECHNICAL NOTES

1. METHODOLOGY

Scope and coverage

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

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

Sampling frames

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

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

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

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

Sample design and selection

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

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

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

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

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

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

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

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

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

Census content

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

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

2. DEFINITIONS OF TERMS USED

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

3. QUALITY CONTROL

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

4. INTERPRETATION OF DATA

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

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

5. DISSEMINATION OF CENSUS DATA

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

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

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

