# **National Sample Census of Agriculture**

Nepal

2011/12

## Dailekh

Government of Nepal

National Planning Commission Secretariat

Central Bureau of Statistics Kathmandu,

Nepal

December 2013

## **AREA CONVERSION**

1 Hectare = 19.657178 ropanis

= 1.476569 bighas

= 78.628715 matomuris

= 2.471065 acres

Area less than 0.1 ha is not shown in tables

## **ROUNDING OF FIGURES**

Some figures have been rounded off to the nearest final digit. This may result in a slight discrepancy between the sum of the individual item and the total as shown in the table.

Sufficiently precise estimates have been obtained for major characteristics covered in the census. However, due to the inherent properties of the sampling, the same cannot be said for those items which are either minor or location specific in the district.

#### **Preface**

The Central Bureau of Statistics (CBS) in Nepal participates in the World Census of Agriculture as advocated by the FAO (Food and Agriculture Organization of the United Nations) for its member nations every ten years. The Census of Agriculture is conducted to measure actual agricultural conditions, particularly the structural aspects, of agriculture in the country.

This report primarily represents the findings of the Census of Agriculture conducted in Fiscal Year 2011/2012. This is the sixth decennial Census of Agriculture undertaken by Nepal. This report consists of two main sections. The first section consists of 32 statistical tables for each of the districts based on the census data. The second section provides information about methodology; definitions about various variables of the census, quality control, interpretation of data and dissemination of census data.

For those interested to know the sampling strategy adopted in the Census of Agriculture, it would be worthwhile to mention here that the sampling frame used is derived from the household schedule of the National Population and Housing Census 2011 which contains information about the holdings of agricultural land and livestock. The livestock population can thus be considered as a total count as it was taken along with the National Population and Housing Census. For the first time, the agricultural census of Nepal introduced community level questions and also collected data on the production of the major crops.

I am thankful to Mr. Suman Aryal, Deputy Director General of the CBS for his overall guidance and management of the census. Mr. Ambika Bashyal and Mr.Birendra Kumar Kayastha, Directors of the section deserve special thanks for their prime role in the overall census processes. I would like to thank Director Mr. Badri Kumar Karki and Mr. Jay Kumar Sharma and Statistical Officers Mr. Prithivi Bijaya Raj Sijapati, Mr. Kishor K C, Mr. Ganesh Phuyal, Mr. Govinda Dhungana, Mr. Kapil Dhital and also, Mr. Lila Nath Pandey, Mr. Dol Narayan Shrestha, Mr. Raju Pokharel Computer Officers. Similarly, the team of all the district agriculture census offices deserves thanks for their contribution in the fieldwork of the census operation. I also thank the then Deputy Director General Prabodh Sagar Dhakal for his hard work and dedication in the planning and fieldwork of the census.

Special thanks go to all respondent households of Nepal for providing information to the field staff of the bureau. Without their generous support, this census would not have been conducted efficiently.

Finally, I would like to express my gratitude to the Hon'ble Vice Chairman, Member Secretary of the National Planning Commission and also to other members of the Steering Committee, Technical Committee and all other well-wishers whose guidance and suggestions helped to make this census a grand success. I hope that the results will be useful for planners, policy makers, administrators, researchers, students, experts and other users.

Bikash Bista

January 27, 2014

Director General, Central Bureau of Statistics

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

		Hold	lings					Fragmentation					
Total area of holding	Number	Area (ha)			Total no. of	Average no.	Number of holdings consisting of parcels						
	Number	Wet	Dry	Total	parcels	of parcels	1	2-3	4-5	6-9	10 and over		
Holding without land	353	0.8	5.7	6.5	441	1.3	265	88					
Holding with land	44,726	6,708.1	14,614.8	21,322.9	124,004	2.8	7,734	26,700	7,498	2,558	235		
Under 0.1 ha	4,587	72.2	216.0	288.2	7,498	1.6	2,000	2,558	29				
0.1 ha and Under 0.2 ha	6,263	230.2	697.9	928.1	12,468	2.0	2,294	3,499	353	118			
0.2 ha and Under 0.5 ha	18,379	1,850.7	4,187.2	6,038.0	47,255	2.6	2,823	12,203	2,911	382	59		
0.5 ha and Under 1 ha	11,174	2,483.3	5,087.9	7,571.3	38,522	3.4	500	6,616	2,794	1,206	59		
1 ha and Under 2 ha	3,852	1,768.4	3,198.4	4,966.8	15,850	4.1	88	1,676	1,264	794	29		
2 ha and Under 3 ha	294	241.2	465.8	707.0	1,588	5.4		88	88	59	59		
3 ha and Under 4 ha	59	45.1	163.1	208.2	412	7.0		29			29		
4 ha and Under 5 ha	59	16.9	253.8	270.7	294	5.0			59				
5 ha and Under 10 ha	59		344.6	344.6	118	2.0	29	29					
10 ha and over													
Total	45,079	6,708.8	14,620.5	21,329.3	124,445	2.8	7,998	26,789	7,498	2,558	235		

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.

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

	Hold	ings			One tenu	ire forms			More than one tenure forms				
Total area of holding	, and the second		Owned		Rented from others		Other tenure forms		No. of	Area (ha)			
	Number	Area (ha)	Area (ha) No. of holdings		No. of holdings	Area (ha)	No. of holdings	Area (ha)	holdings	Owned	Rented	Other tenure	
Holding without land 353		6.5		6.5			<u> </u>						
Holding with land	44,726	21,322.9	43,962	20,931.3	29	1.5			735	208.8	181.1		
Under 0.1 ha	4,587	288.2	4,528	284.4	29	1.5			29	0.7	1.5		
0.1 ha and under 0.2 ha	6,263	928.1	6,263	928.1									
0.2 ha and under 0.5 ha	18,379	6,038.0	17,908	5,872.5					470	90.7	74.7		
0.5 ha and under 1 ha	11,174	7,571.3	10,998	7,450.8					176	74.2	46.3		
1 ha and under 2 ha	3,852	4,966.8	3,823	4,937.3					29	16.9	12.6		
2 ha and under 3 ha	294	707.0	265	634.7					29	26.3	46.0		
3 ha and under 4 ha	59	208.2	59	208.2									
4 ha and under 5 ha	59	270.7	59	270.7									
5 ha and under 10 ha	59	344.6	59	344.6									
10 ha and over	ver												
Total	45,079	21,329.3	44,314	20,937.8	29	1.5			735	208.8	181.1		

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

							Under one	tenure for	m - rented	from others	3				
Total area of holding	Number of holdings	Total		Rented for fixed amount of money		quantity of		Rented for share of production		Rented in exchange for services		Rented for mortgage			rental ements
		No. of holdings	Area (ha)	No. of holdings	Area (ha)	No of	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	353														
Holding with land	44,726	29	1.5											29	1.5
Under 0.1 ha	4,587	29	1.5											29	1.5
0.1 ha and under 0.2 ha	6,263														
0.2 ha and under 0.5 ha	18,379														
0.5 ha and under 1 ha	11,174														
1 ha and under 2 ha	3,852														
2 ha and under 3 ha	294														
3 ha and under 4 ha	59														
4 ha and under 5 ha	59														
5 ha and under 10 ha	59														
10 ha and over															
Total	45,079	29	1.5											29	1.5

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

						Under m	nore than or	ne tenure f	orms ren	ted from o	thers				
Total area of holding	No. of holdings	Total		Rented for fixed amount of money		Rented for fixed quantity of		Rented for share of production		Rent exchai	ed in		ted for tgage	Other arrange	
		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	353														
Holding with land	44,726	735	181.1	323	45.2			147	31.6	29	4.4	353	99.9		
Under 0.1 ha	4,587	29	1.5	29	1.5										
0.1 ha and under 0.2 ha	6,263														
0.2 ha and under 0.5 ha	18,379	470	74.7	206	27.0			88	8.2			265	39.5		
0.5 ha and under 1 ha	11,174	176	46.3	88	16.7			59	23.4	29	4.4	29	1.7		
1 ha and under 2 ha	3,852	29	12.6									29	12.6		
2 ha and under 3 ha	294	29	46.0									29	46.0		
3 ha and under 4 ha	59														
4 ha and under 5 ha	59														
5 ha and under 10 ha	59														
10 ha and over	· ·		_												
Total	45,079	735	181.1	323	45.2			147	31.6	29	4.4	353	99.9		

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

	То	tal				Agricult	ural land							
						Crop	land							
Total area of holding		Area (ha)		Arable land										
. Star aloa or moraling	No. of holdings		Land under ter	mporary crops	Area under meac		Land under ter	mporary 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	353	6.5	265	2.4					265	2.4				
Holding with land	44,726	21,322.9	44,697	18,777.6	441	74.2	1,323	123.5	44,697	18,975.3				
Under 0.1 ha	4,587	288.2	4,587	234.1			29	0.4	4,587	234.5				
0.1 ha and under 0.2 ha	6,263	928.1	6,263	814.3			59	2.4	6,263	816.7				
0.2 ha and under 0.5 ha	18,379	6,038.0	18,379	5,542.9	118	25.2	382	15.8	18,379	5,583.9				
0.5 ha and under 1 ha	11,174	7,571.3	11,145	6,995.3	147	17.0	588	63.6	11,145	7,075.9				
1 ha and under 2 ha	3,852	4,966.8	3,852	4,334.3	118	18.4	206	35.3	3,852	4,388.0				
2 ha and under 3 ha	294	707.0	294	577.7			29	3.0	294	580.7				
3 ha and under 4 ha	59	208.2	59	96.7	29	9.2			59	105.9				
4 ha and under 5 ha	59	270.7	59	110.0	29	4.5	29	3.0	59	117.5				
5 ha and under 10 ha	59	344.6	59	72.2		·		·	59	72.2				
10 ha and over														
Total	45,079	21,329.3	44,961	18,780.1	441	74.2	1,323	123.5	44,961	18,977.7				

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

			Agricultu	ural land					All other land	
	Crop	land	Permanent n	neadows and	Forest and ot	hor Woodland	Po	nds		
Total area of holding	Land under pe	rmanent crops	pas	ture	Forest and ou	nei woodiand				
	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									353	4.0
Holding with land	353	702.4	3,293	592.9	559	62.1			44,491	990.2
Under 0.1 ha			29	0.6					4,587	53.1
0.1 ha and under 0.2 ha									6,263	111.4
0.2 ha and under 0.5 ha			1,029	80.0	147	8.4			18,290	365.7
0.5 ha and under 1 ha	88	32.2	1,059	134.4	323	35.7			11,145	293.1
1 ha and under 2 ha	59	88.1	1,059	337.3	59	15.0			3,793	138.4
2 ha and under 3 ha	59	89.5	29	16.5	29	3.0			235	17.3
3 ha and under 4 ha	29	89.5	29	9.2					59	3.6
4 ha and under 5 ha	59	134.3	59	15.0					59	3.9
5 ha and under 10 ha	59	268.6							59	3.8
10 ha and over										
Total	353	702.4	3,293	3,293 592.9 559 62.					44,844	994.2

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

	To	otal						S	ource of ir	rigation						
Total area of helding			No. of			River/lak	e/pond		Dam/re	servoir	Tube we	II/boring	Oth	ore	Mixe	ed
Total area of holding	No. of holdings	Area (ha)	holdings	Area (ha)	Ву д	ravity	Pum	ping	Dannine	SCI VOII	Tube we	ii/boriiig	Out	CIS	IVIIA	,u
	go		reporting		No. of holdings	Area (ha)	No. of holdings	Area (ha)								
Holding without land	353	6.5	88	0.8		0.8		<u> </u>	J	\ - /		\				
Holding with land	44,726	21,322.9	27,583	5,335.6	25,965	4,963.7			823	150.6			1,029	221.3		
Under 0.1 ha	4,587	288.2	2,029	57.4	1,911	52.1							118	5.4		
0.1 ha and under 0.2 ha	6,263	928.1	2,970	200.3	2,794	187.4			118	10.4			59	2.5		
0.2 ha and under 0.5 ha	18,379	6,038.0	11,703	1,622.1	11,057	1,514.7			412	59.5			323	47.9		1
0.5 ha and under 1 ha	11,174	7,571.3	7,910	1,992.0	7,440	1,836.9			265	65.8			323	89.3		
1 ha and under 2 ha	3,852	4,966.8	2,764	1,322.8	2,617	1,266.4			29	14.9			147	41.6		
2 ha and under 3 ha	294	707.0	176	134.0	118	99.3							59	34.7		
3 ha and under 4 ha	59	208.2	29	6.9	29	6.9										
4 ha and under 5 ha	59	270.7														
5 ha and under 10 ha	59	344.6														
10 ha and over																
Total	45,079	21,329.3	27,671	5,336.4	26,053	4,964.4			823	150.6			1,029	221.3		

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

Total	45,079	21,329.3	27,671	5,336.4	27,524	5,297.6	176	20.3			147	18.4
10 ha and over												
5 ha and under 10 ha	59	344.6										
4 ha and under 5 ha	59	270.7										
3 ha and under 4 ha	59	208.2	29	6.9	29	6.9						
2 ha and under 3 ha	294	707.0	176	134.0	176	134.0						
1 ha and under 2 ha	3,852	4,966.8	2,764	1,322.8	2,764	1,322.8						
0.5 ha and under 1 ha	11,174	7,571.3	7,910	1,992.0	7,851	1,966.7	59	12.9	·		59	12.4
0.2 ha and under 0.5 ha	18,379	6,038.0	11,703	1,622.1	11,645	1,609.8	88	6.7			59	5.6
0.1 ha and under 0.2 ha	6,263	928.1	2,970	200.3	2,970	199.9					29	0.4
Under 0.1 ha	4,587	288.2	2,029	57.4	2,000	56.7	29	0.7				
Holding with land	44,726	21,322.9	27,583	5,335.6	27,436	5,296.9	176	20.3			147	18.4
Holding without land	353	6.5	88	0.8	88	0.8						
	neidinge		reporting		No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)
Total area of holding	No. of holdings	Area (ha)	No. of holdings	Area (ha)	Did not pag	for water	On are	a basis	On tim	e basis	Ott	ner
									Paid fo	or water		
	То	tal					Payment term	s for Irrigation				

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

	То	tal		Crops unde	r pure stand			Crops under	mixed stand		A i - t	- d - u- u -
Total area of holding	No. of		Temp	orary	Perm	anent	Temp	orary	Perm	anent	Associate	ea crops
	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	265	4.9	265	4.9								
Holding with land	44,726	34,286.0	44,697	33,541.6	323	659.0	529	41.1	29	43.4	29	0.9
Under 0.1 ha	4,587	450.0	4,587	450.0								
0.1 ha and under 0.2 ha	6,263	1,499.3	6,263	1,495.9			88	3.5				
0.2 ha and under 0.5 ha	18,379	10,162.8	18,379	10,146.6			265	15.3			29	0.9
0.5 ha and under 1 ha	11,174	12,563.5	11,145	12,511.6	88	32.2	147	19.7				
1 ha and under 2 ha	3,852	7,623.2	3,852	7,532.4	29	44.8	29	2.6	29	43.4		
2 ha and under 3 ha	294	1,080.1	294	990.6	59	89.5						
3 ha and under 4 ha	59	283.0	59	193.4	29	89.5						
4 ha and under 5 ha	59	283.1	59	148.8	59	134.3						
5 ha and under 10 ha	59	340.9	59	72.2	59	268.6						
10 ha and over												
Total	44,991	34,290.8	44,961	33,546.5	323	659.0	529	41.1	29	43.4	29	0.9

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

Total area of holding	Cerea	ll grains	Legumino	ous grains		and bulb ops	Oil s	eeds	Cash	crops	Spi	ces	Vegeta	ables	Tempora cro	
rotal area of flording	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)								
Holding without land	265	4.9														
Holding with land	44,314	32,134.3	2,529	125.6	12,791	640.5	3,088	180.3	29	1.7	1,882	55.2	5,469	427.0	235	18.9
Under 0.1 ha	4,499	423.9	88	1.1	1,029	16.1	29	1.2					382	7.8		
0.1 ha and Under 0.2 ha	6,116	1,421.0	294	6.9	1,676	37.0	323	5.0			353	2.9	618	25.4	29	1.1
0.2 ha and under 0.5 ha	18,261	9,735.6	1,323	52.5	5,117	197.3	1,500	54.1			853	24.0	1,882	98.5	29	0.9
0.5 ha and under 1 ha	11,115	11,993.5	529	42.6	3,176	236.6	765	53.8			323	13.3	1,529	174.7	176	16.9
1 ha and under 2 ha	3,852	7,239.8	206	16.6	1,559	129.7	323	42.0			294	12.7	912	94.2		
2 ha and under 3 ha	294	913.6	59	5.2	176	18.0	147	24.3	29	1.7	29	1.7	118	26.0		
3 ha and under 4 ha	59	193.4														
4 ha and under 5 ha	59	141.2	29	0.7	59	5.9					29	0.7	29	0.4		
5 ha and under 10 ha	59	72.2														
10 ha and over																
Total	44,579	32,139.2	2,529	125.6	12,791	640.5	3,088	180.3	29	1.7	1,882	55.2	5,469	427.0	235	18.9

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

	Early	paddy	Main	paddy	Upland	paddy	WI	neat	Ma	aize	MI	lets	Barley/nal	ked barley	Buckv	vheat	Other co	ereals
Total area of holding	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			88	0.8			265	2.4	235	1.7								
Holding with land	559	80.6	31,699	6,542.8	1,882	327.8	43,785	13,908.3	43,315	10,891.6	2,647	300.6	765	76.0	59	6.6		
Under 0.1 ha			2,117	58.7	59	3.7	4,264	196.6	4,323	161.5	118	3.3	29	0.2				
0.1 ha and Under 0.2 ha	29	1.3	3,088	202.5	353	16.5	6,028	645.9	5,881	544.4	353	8.3	59	1.3	29	0.9		
0.2 ha and under 0.5 ha	382	56.7	12,997	1,810.2	588	51.8	18,173	4,283.4	18,085	3,451.4	912	69.5	147	12.5				
0.5 ha and under 1 ha	118	8.8	9,557	2,502.0	500	91.9	11,027	5,185.4	10,792	4,020.5	853	132.1	382	47.1	29	5.8		
1 ha and under 2 ha			3,558	1,645.8	353	155.2	3,852	3,063.2	3,793	2,273.5	412	87.3	147	15.0				
2 ha and under 3 ha			294	255.6			294	366.0	294	292.0								
3 ha and under 4 ha			59	52.5			59	96.7	59	44.2								
4 ha and under 5 ha	29	13.9					59	60.7	59	66.6								
5 ha and under 10 ha			29	15.6	29	8.7	29	10.4	29	37.5								
10 ha and over																		
Total	559	80.6	31,788	6,543.6	1,882	327.8	44,050	13,910.7	43,550	10,893.3	2,647	300.6	765	76.0	59	6.6		

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

Total according to	Soya	abean	Black	gram	Red	gram	Grass	pea	Lei	ntil	Gran	n pea	Р	ea ·	Green	gram	Horse	gram	Cow	pea	Other leg	
Total area of holding	No. of holdings	Area (ha)	No. of holdings	Area (ha)	No. of holding	Area (ha)	No. of holdings	Area (ha)	No. of holding		No. of holding	Area (ha)	No. of holdings	Area (ha)	No. of holdings	Area (ha)						
Holding without land																						
Holding with land	1,088	31.9			59	4.8			1,529	57.8	647	19.0	147	5.7			29	3.5	118	2.9	29	0.1
Under 0.1 ha	88	1.1																				
0.1 ha and Under 0.2 ha	88	1.0			29	2.6			118	1.6	88	1.3							29	0.4		
0.2 ha and under 0.5 ha	588	16.9			29	2.2			853	24.5	294	6.8	29	1.8					29	0.3		
0.5 ha and under 1 ha	265	8.9							382	21.0	176	7.2	59	2.0			29	3.5			29	0.1
1 ha and under 2 ha	59	4.0							118	6.9	29	1.7	29	1.7					59	2.2		
2 ha and under 3 ha									29	3.5	29	1.7										
3 ha and under 4 ha																						
4 ha and under 5 ha									29	0.2	29	0.2	29	0.2								
5 ha and under 10 ha																						
10 ha and over																						
Total	1,088	31.9			59	4.8			1,529	57.8	647	19.0	147	5.7			29	3.5	118	2.9	29	0.1

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

	Pot	ato	Sweet	potato	Colo	casia	Other tuber	s and bulbs
Total area of holding	No. of holdings	Area (ha)						
Holding without land								
Holding with land	12,674	611.9			676	28.7		
Under 0.1 ha	970	13.8			88	2.3		
0.1 ha and Under 0.2 ha	1,647	35.8			59	1.2		
0.2 ha and under 0.5 ha	5,117	191.7			206	5.6		
0.5 ha and under 1 ha	3,146	222.2			235	14.3		
1 ha and under 2 ha	1,559	126.2			59	3.5		
2 ha and under 3 ha	176	16.3			29	1.7		
3 ha and under 4 ha								
4 ha and under 5 ha	59	5.9						
5 ha and under 10 ha								
10 ha and over								
Total	12,674	611.9			676	28.7		

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

	Mus	tard	Grour	nd nut	Lins	eed	Ses	ame	Niger	seed	Other oils	eed crops
Total area of holding	No. of holdings	Area (ha)										
Holding without land												
Holding with land	2,999	164.4	29	5.9	29	0.4	59	9.5				
Under 0.1 ha	29	1.2										
0.1 ha and Under 0.2 ha	323	5.0										
0.2 ha and under 0.5 ha	1,500	54.1										
0.5 ha and under 1 ha	706	43.8			29	0.4	59	9.5				
1 ha and under 2 ha	294	36.0	29	5.9								
2 ha and under 3 ha	147	24.3										
3 ha and under 4 ha												
4 ha and under 5 ha												
5 ha and under 10 ha												
10 ha and over												
Total	2,999	164.4	29	5.9	29	0.4	59	9.5				

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	Sugar	rcane	Ju	ıte	Toba	ассо	Other ca	sh crops
Total area of holding	No. of holdings	Area (ha)						
Holding without land								
Holding with land							29	1.7
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							29	1.7
3 ha and under 4 ha								
4 ha and under 5 ha								
5 ha and under 10 ha								
10 ha and over								
Total							29	1.7

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

	CI	hili	On	ion	Ga	rlic	Gin	iger	Turr	neric	Coriano	ler seed	Other sp	ice crops
Total area of holding	No. of holdings	Area (ha)												
Holding without land														
Holding with land	500	8.9	882	20.7	559	15.3	59	1.0	88	3.5			29	5.8
Under 0.1 ha														
0.1 ha and Under 0.2 ha	88	0.5	147	1.7	88	0.5	29	0.1						
0.2 ha and under 0.5 ha	235	4.8	470	11.2	206	3.7	29	0.9	88	3.5				
0.5 ha and under 1 ha	88	1.5	176	5.2	29	0.8							29	5.8
1 ha and under 2 ha	88	2.2	29	0.7	206	9.9								
2 ha and under 3 ha			29	1.7										
3 ha and under 4 ha														
4 ha and under 5 ha			29	0.2	29	0.4								
5 ha and under 10 ha														
10 ha and over														
Total	500	8.9	882	20.7	559	15.3	59	1.0	88	3.5			29	5.8

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	Caulif	lower	Cabl	page	Ton	nato	Oth	ers
Total area of holding	No. of holdings	Area (ha)						
Holding without land								
Holding with land	706	68.3	588	79.9	147	10.5	4,793	268.4
Under 0.1 ha	88	1.8					294	6.0
0.1 ha and Under 0.2 ha	118	8.7	118	4.6	29	0.1	441	12.0
0.2 ha and under 0.5 ha	206	11.0	176	19.1	59	1.3	1,764	67.1
0.5 ha and under 1 ha	176	25.2	206	52.3			1,382	97.3
1 ha and under 2 ha	59	4.0	29	0.3	59	9.1	853	80.7
2 ha and under 3 ha	29	17.4	29	3.5			59	5.2
3 ha and under 4 ha								
4 ha and under 5 ha	29	0.2	29	0.2				
5 ha and under 10 ha								
10 ha and over								
Total	706	68.3	588	79.9	147	10.5	4,793	268.4

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

	T	4-1					Permane	ent crops				
T	То	tai	No. of	Compact			Compact	plantation			Number of so	cattered trees
Total area of holding	No. of		holdings	Compact plantation	ſ	Productive age	Э	No	n-productive a	age	Productive	Non-
	holdings	Area (ha)	reporting	area (ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	age	productive age
Holding without land	353	6.5	118								382	206
Holding with land	44,726	21,322.9	15,320	702.4	294	358.2	120,622	176	344.2	76,573	139,824	59,605
under 0.1 ha	4,587	288.2	1,676								7,469	2,176
0.1 ha and under 0.2 ha	6,263	928.1	1,853								12,762	2,970
0.2 ha and under 0.5 ha	18,379	6,038.0	6,116								56,224	21,231
0.5 ha and under 1 ha	11,174	7,571.3	3,940	32.2	118	18.2	17,614	29	14.0	4,411	42,168	20,878
1 ha and under 2 ha	3,852	4,966.8	1,382	88.1	59	26.6	42,256	59	61.6		16,644	9,704
2 ha and under 3 ha	294	707.0	206	89.5	29	44.8	17,614	29	44.8		3,617	1,764
3 ha and under 4 ha	59	208.2	29	89.5	29	89.5	13,203					
4 ha and under 5 ha	59	270.7	59	134.3	29	44.8	16,732	29	89.5	35,199	941	882
5 ha and under 10 ha	59	344.6	59	268.6	29	134.3	13,203	29	134.3	36,963		
10 ha and over												
Total	45,079	21,329.3	15,438	702.4	294	358.2	120,622	176	344.2	76,573	140,207	59,811

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

		Orange													
T					Number of scattered trees										
Total area of holding	Total holdings reporting	Compact plantation area		Productive age		Non-productive age			<b>.</b>	Non-productive					
	roporting	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age					
Holding without land															
Holding with land	4,823	430.9	118	282.6	50,196	59	148.3	41,374	20,496	11,792					
under 0.1 ha	29								29						
0.1 ha and under 0.2 ha	294								588	235					
0.2 ha and under 0.5 ha	1,676								6,763	3,646					
0.5 ha and under 1 ha	2,000	28.0	29	14.0	6,175	29	14.0	4,411	9,175	5,793					
1 ha and under 2 ha	588								2,647	1,382					
2 ha and under 3 ha	147	44.8	29	44.8	17,614				1,294	735					
3 ha and under 4 ha	29	89.5	29	89.5	13,203										
4 ha and under 5 ha															
5 ha and under 10 ha	59	268.6	29	134.3	13,203	29	134.3	36,963							
10 ha and over															
Total	4,823	430.9	118	282.6	50,196	59	148.3	41,374	20,496	11,792					

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

		Junar												
Total area of holding		Commont		Number of scattered trees										
Total area of holding	Total holdings reporting	Compact plantation area		Productive age		Non-productive age			Donato etimo	Non-productive				
	. operg	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age				
Holding without land														
Holding with land	147								147	206				
under 0.1 ha														
0.1 ha and under 0.2 ha														
0.2 ha and under 0.5 ha	88								59	118				
0.5 ha and under 1 ha														
1 ha and under 2 ha	29								59					
2 ha and under 3 ha														
3 ha and under 4 ha														
4 ha and under 5 ha	29								29	88				
5 ha and under 10 ha														
10 ha and over														
Total	147	_	_						147	206				

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

		Lemon													
Total area of helding		0		Number of scattered trees											
Total area of holding	Total holdings reporting	piantation area		Productive age		Non-productive age			D 1 "	Non-					
	. sporting	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	productive age					
Holding without land															
Holding with land	3,352								6,587	2,205					
under 0.1 ha	118								88	59					
0.1 ha and under 0.2 ha	88								88						
0.2 ha and under 0.5 ha	1,029								1,853	647					
0.5 ha and under 1 ha	1,382								2,911	706					
1 ha and under 2 ha	647								1,470	735					
2 ha and under 3 ha	59								118						
3 ha and under 4 ha															
4 ha and under 5 ha	29								59	59					
5 ha and under 10 ha															
10 ha and over															
Total	3,352								6,587	2,205					

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

		Lime												
Total area of balding		Compact			Number of scattered trees									
Total area of holding	Total holdings reporting	plantation area	Productive age			Non-productive age			Donato di cara	Non-				
		(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	productive age				
Holding without land														
Holding with land	912								1,294	353				
under 0.1 ha	29									29				
0.1 ha and under 0.2 ha	29								29					
0.2 ha and under 0.5 ha	118								118	59				
0.5 ha and under 1 ha	294								412	147				
1 ha and under 2 ha	382								618	59				
2 ha and under 3 ha	59								118	59				
3 ha and under 4 ha														
4 ha and under 5 ha														
5 ha and under 10 ha														
10 ha and over														
Total	912								1,294	353				

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

		Sweet orange												
Total area of holding		Compact		Number of scattered trees										
	Total holdings reporting	plantation area		Productive age	!	Non-productive age				Non-productive				
	. operg	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age				
Holding without land														
Holding with land	353								1,059	294				
under 0.1 ha														
0.1 ha and under 0.2 ha	59								88	59				
0.2 ha and under 0.5 ha	147								618					
0.5 ha and under 1 ha	147								353	235				
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	353								1,059	294				

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

		Other citrus fruits													
					Number of scattered trees										
Total area of holding	Total holdings reporting	piantation area	Productive age			Non-productive age			<b>5</b> :	Non-productive					
	roporting	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age					
Holding without land	29							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	29						
Holding with land	2,058	45.5	59	45.5	25,524				4,940	470					
under 0.1 ha	88								88	59					
0.1 ha and under 0.2 ha	88								88	29					
0.2 ha and under 0.5 ha	765								1,500	294					
0.5 ha and under 1 ha	823	0.7	29	0.7	8,792				1,588	88					
1 ha and under 2 ha	265								1,353						
2 ha and under 3 ha															
3 ha and under 4 ha															
4 ha and under 5 ha	29	44.8	29	44.8	16,732				323						
5 ha and under 10 ha															
10 ha and over															
Total	2,088	45.5	59	45.5	25,524				4,970	470					

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

					Ма	ngo				
T					Number of scattered trees					
Total area of holding	Total holdings reporting	Compact plantation area	Productive age			Non-productive age				Non-productive age
	reporting	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land										
Holding with land	2,470	102.1	59	12.6	27,289	29	89.5	35,199	5,734	5,293
under 0.1 ha	88									147
0.1 ha and under 0.2 ha	412								1,411	676
0.2 ha and under 0.5 ha	735								1,853	1,853
0.5 ha and under 1 ha	706	1.4	29	1.4	882				1,588	882
1 ha and under 2 ha	412	11.2	29	11.2	26,406				647	1,676
2 ha and under 3 ha	88								235	59
3 ha and under 4 ha										
4 ha and under 5 ha	29	89.5				29	89.5	35,199		
5 ha and under 10 ha										
10 ha and over										
Total	2,470	102.1	59	12.6	27,289	29	89.5	35,199	5,734	5,293

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

		Banana													
					Number of scattered trees										
Total area of holding	Total holdings reporting	piantation area		Productive age		Non-productive age				Non-productive					
	reporting	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age					
Holding without land	88								176	206					
Holding with land	3,588	2.1	29	2.1	1,764				30,288	33,228					
under 0.1 ha	353								500	1,500					
0.1 ha and under 0.2 ha	323								1,323	1,647					
0.2 ha and under 0.5 ha	1,411								10,821	12,644					
0.5 ha and under 1 ha	1,029	2.1	29	2.1	1,764				11,703	11,292					
1 ha and under 2 ha	382								5,175	5,469					
2 ha and under 3 ha	88								765	676					
3 ha and under 4 ha															
4 ha and under 5 ha															
5 ha and under 10 ha															
10 ha and over															
Total	3,676	2.1	29	2.1	1,764				30,464	33,434					

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

					Gı	ıava				
					Compact	plantation			Number of so	cattered trees
Total area of holding	Total holdings reporting	Compact plantation area		Productive age		No	on-productive a	ge		Non-productive
	reporting	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land										
Holding with land	1,235								4,823	1,235
under 0.1 ha	235								1,264	59
0.1 ha and under 0.2 ha	88								882	29
0.2 ha and under 0.5 ha	412								647	265
0.5 ha and under 1 ha	353								1,176	
1 ha and under 2 ha	88								500	294
2 ha and under 3 ha	29								59	
3 ha and under 4 ha										
4 ha and under 5 ha	29								294	588
5 ha and under 10 ha										
10 ha and over										
Total	1,235								4,823	1,235

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

					Jac	kfruit				
T		Compact			Compac	t plantation			Number of so	cattered trees
Total area of holding	Total holdings reporting	piantation area		Productive age	1	No	n-productive a	ge		Non-productive
	тероппід	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land										
Holding with land	147								147	118
under 0.1 ha										
0.1 ha and under 0.2 ha	29									29
0.2 ha and under 0.5 ha	29								59	
0.5 ha and under 1 ha	59								88	29
1 ha and under 2 ha										
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha	29									59
5 ha and under 10 ha										
10 ha and over										
Total	147								147	118

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

			Pine	apple		
Total area of holding				Compact	plantation	
Total area of holding	Total holdings reporting	Compact plantation area (ha)	Produc	tive age	Non-prod	uctive 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						

Table 7I. Plantation features and ages of lychee by total area of holding

					Lyd	chee				
Total area of holding		Compact			Compact	plantation			Number of so	cattered trees
Total area of holding	Total holdings reporting	plantation area		Productive age		No	on-productive a	ge	Desileration and	Non-productive
		(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land										
Holding with land	59								147	176
under 0.1 ha										
0.1 ha and under 0.2 ha										
0.2 ha and under 0.5 ha	29								29	
0.5 ha and under 1 ha										
1 ha and under 2 ha										
2 ha and under 3 ha	29								118	176
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	59								147	176

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

					Ap	ople				
Total area of holding		Compact			Compact	plantation			Number of so	cattered trees
Total area of holding	Total holdings reporting	plantation area		Productive age		No	on-productive a	ge	Productive age	Non-productive
	reporting	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land										
Holding with land	176								265	235
under 0.1 ha										
0.1 ha and under 0.2 ha	59								29	88
0.2 ha and under 0.5 ha	59								59	59
0.5 ha and under 1 ha	59								176	88
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	176								265	235

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

					Р	ear				
Total area of holding		Compact			Compact	plantation			Number of so	cattered trees
Total area of holding	Total holdings reporting	plantation area		Productive age	!	N	on-productive a	ge	Decide of the second	Non-productive
	reporting (ha)		No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land										
Holding with land	588								1,235	265
under 0.1 ha	29								29	
0.1 ha and under 0.2 ha	29								59	
0.2 ha and under 0.5 ha	235								353	29
0.5 ha and under 1 ha	235								618	176
1 ha and under 2 ha	29								59	
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha	29								118	59
5 ha and under 10 ha										
10 ha and over										
Total	588								1,235	265

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

					Pe	each				
Total area of holding		Compact			Compact	plantation			Number of so	cattered trees
Total area of holding	Total holdings reporting	plantation area		Productive age		No	on-productive a	ge	Des des disco	Non-productive
		(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land										
Holding with land	1,823								3,029	676
under 0.1 ha	470								529	206
0.1 ha and under 0.2 ha	176								235	29
0.2 ha and under 0.5 ha	588								1,235	235
0.5 ha and under 1 ha	441								735	206
1 ha and under 2 ha	88								147	
2 ha and under 3 ha	29								59	
3 ha and under 4 ha										
4 ha and under 5 ha	29								88	
5 ha and under 10 ha										
10 ha and over										
Total	1,823								3,029	676

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

					Pa	рауа				
T		Compact			Compac	t plantation			Number of se	cattered trees
Total area of holding	Total holdings reporting	piaritation area		Productive age	1	No	on-productive a			Non-productive
	reporting	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land										
Holding with land	1,323								1,970	500
under 0.1 ha	176								265	118
0.1 ha and under 0.2 ha	88								118	59
0.2 ha and under 0.5 ha	529								706	206
0.5 ha and under 1 ha	382								647	88
1 ha and under 2 ha	88								147	
2 ha and under 3 ha	29								59	
3 ha and under 4 ha										
4 ha and under 5 ha	29								29	29
5 ha and under 10 ha										
10 ha and over										
Total	1,323								1,970	500

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

					Pome	granate				
Total area of holding		Compact			Compact	plantation			Number of so	cattered trees
Total area of holding	Total holdings reporting	plantation area		Productive age		N	on-productive a	ge	D 1 "	Non-productive age
	9	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land										
Holding with land	59								29	59
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	29								29	
1 ha and under 2 ha										
2 ha and under 3 ha	29									59
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	59								29	59

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

					Cod	conut				
Total area of holding		Compact			Compact	plantation			Number of so	cattered trees
Total area of floiding	Total holdings reporting	plantation area		Productive age		N	on-productive a	ge	D 1 "	Non-productive age
	. opog	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
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										

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

					Wa	alnut				
Total area of holding		Compact			Compac	t plantation			Number of so	cattered trees
Total area of holding	Total holdings reporting	plantation area		Productive age	,	No	on-productive a	ge		Non-productive
	reporting	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land										
Holding with land	235								1,147	294
under 0.1 ha										
0.1 ha and under 0.2 ha	29								29	
0.2 ha and under 0.5 ha	88								500	88
0.5 ha and under 1 ha	59									206
1 ha and under 2 ha	59								618	
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	235								1,147	294

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

	Betel Nut									
Total area of holding		Compact			Compact	plantation			Number of so	cattered trees
Total area of holding	Total holdings reporting	plantation area		Productive age		No	on-productive a	ge	Des des disco	Non-productive
	· · · (na)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age	
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										

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

					Othe	r fruits				
Total area of holding		Compact			Compact	plantation			Number of so	cattered trees
Total area of holding	Total holdings reporting	plantation area		Productive age		No	on-productive a	ge	Decide of the second	Non-productive
		(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land										
Holding with land	29								29	
under 0.1 ha										
0.1 ha and under 0.2 ha	29								29	
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	29							_	29	

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

			Т	ea		
Total area of helding				Compact	plantation	
Total area of holding	Total holdings reporting	Compact plantation area (ha)	Produc	tive age	Non-prod	uctive 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.

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

					Co	offee				
T		Compact			Compac	t plantation			Number of so	cattered trees
Total area of holding	Total holdings reporting	piantation area		Productive age		No	on-productive a	ge		Non-productive
	reporting	(ha)	No. of holdings	Area (ha)	Number of trees	No. of holdings	Area (ha)	Number of trees	Productive age	age
Holding without land										
Holding with land	29								29	
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	29								29	
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	29								29	

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

			Black C	ardamom		
Total area of holding				Compact plan	tation area (ha)	
Total area of holding	Total holdings reporting	Compact plantation area (ha)	Produc	tive age	Non-prod	uctive age
			No. of holdings	Area (ha)	No. of holdings	Area (ha)
Holding without land						
Holding with land						
under 0.1 ha						
0.1 ha and under 0.2 ha						
0.2 ha and under 0.5 ha						
0.5 ha and under 1 ha						
1 ha and under 2 ha						
2 ha and under 3 ha						
3 ha and under 4 ha						
4 ha and under 5 ha						
5 ha and under 10 ha						
10 ha and over						
Total						

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

	Broom-Gras	ss (Amriso)	Tha	atch	Ban	nboo
Total area of holding	Number of holdings	Area (ha)	Number of holdings	Area (ha)	Number of holdings	Area (ha)
Holding without land						
Holding with land			88	106.3		
Under 0.1 ha						
0.1 ha and under 0.2 ha						
0.2 ha and under 0.5 ha						
0.5 ha and under 1 ha						
1 ha and under 2 ha			59	61.6		
2 ha and under 3 ha			29	44.8		
3 ha and under 4 ha						
4 ha and under 5 ha						
5 ha and under 10 ha						
10 ha and over						
Total			88	106.3		

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

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

		Fodde	r Tree		Multi-year g	grass crops
Total area of holding	Number of holdings	Compact	plantation	Number of scattered	Number of heldings	Area (ha)
	Number of holdings	Area (ha)	Number of Trees	trees	Number of holdings	Area (ha)
Holding without land	59			176		
Holding with land	5,587	15.4	15,850	55,283		
Under 0.1 ha	912	2		4,676		
0.1 ha and under 0.2 ha	1,000			7,763		
0.2 ha and under 0.5 ha	2,794			29,053		
0.5 ha and under 1 ha	706			9,939		
1 ha and under 2 ha	147	15.4	15,850	3,205		
2 ha and under 3 ha	29			647		
3 ha and under 4 ha						
4 ha and under 5 ha						
5 ha and under 10 ha						
10 ha and over						
Total	5,646	15.4	15,850	55,459		

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

	То	tal							Paddy						
Total and officiality			No. of		Seeds		Pesticide s	Irrigated	and fertiliz	ers used	Unirriga	ated and fe used	ertilizers	Area trea mineral/ o	
Total area of holding	No. of holdings	Area (ha)	holdings reporting	No. o	of holdings	using	No. of holdings	No. o	of holdings	using	No. o	f holdings	using	fertilize quantity	
			reporting	Local seeds	Improved seeds	Hybrid seeds	using	Local fertilizers	Mineral/ chemical	Both	Local fertilizers	Mineral/ chemical	Both	Area (ha)	Quantity (Qtl.)
Holding without land	353	6.5	88	88			59	88			59				
Holding with land	44,726	21,322.9	32,317	28,553	3,764		4,146	22,290	1,264	3,646	16,467	500	235	1,232.5	1,326
under 0.1 ha	4,587	288.2	2,147	2,117	29		412	2,000			1,529				
0.1 ha and under 0.2 ha	6,263	928.1	3,264	3,205	59		323	2,647	29	206	2,147			19.1	39
0.2 ha and under 0.5 ha	18,379	6,038.0	13,233	12,056	1,176		1,323	9,557	676	1,323	6,087	206	118	299.0	488
0.5 ha and under 1 ha	11,174	7,571.3	9,645	8,116	1,529		1,235	5,999	412	1,382	4,499	147	88	464.5	456
1 ha and under 2 ha	3,852	4,966.8	3,617	2,794	823		765	2,029	88	647	2,000	88	29	310.0	229
2 ha and under 3 ha	294	707.0	294	147	147		59	29	59	88	88	59		139.9	113
3 ha and under 4 ha	59	208.2	59	59			29	29			59				
4 ha and under 5 ha	59	270.7	29	29							29				
5 ha and under 10 ha	59	344.6	29	29							29				
10 ha and over															
Total	45,079	21,329.3	32,405	28,641	3,764		4,205	22,378	1,264	3,646	16,526	500	235	1,232.5	1,326

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)

	To	otal							Maize						
T			No. of		Seeds		Pesticides	Irrigated	and fertiliz	ers used	Unirriga	ated and fe used	rtilizers	Area trea mineral/ o	
Total area of holding	No. of holdings	Area (ha)	No. of holdings	No. of	holdings u	sing	No. of holdings	No. o	of holdings	using	No. o	f holdings	using	fertilizer an	
			reporting	Local seeds	Improved seeds	Hybrid seeds	using	Local fertilizers	Mineral/ chemical	Both	Local fertilizers	Mineral/ chemical	Both	Area (ha)	Quantity (Qtl.)
Holding without land	353	6.5	235	235			88	59			235				
Holding with land	44,726	21,322.9	43,315	38,374	4,911	29	6,058	15,026	559	1,559	34,758	1,853	2,588	1,660.6	1,574
under 0.1 ha	4,587	288.2	4,323	4,176	147		618	1,735			3,793	29	118	6.6	11
0.1 ha and under 0.2 ha	6,263	928.1	5,881	5,528	353		735	2,088		59	4,999	118	412	58.9	78
0.2 ha and under 0.5 ha	18,379	6,038.0	18,085	16,085	1,970	29	2,235	6,146	265	588	14,468	912	1,088	442.2	742
0.5 ha and under 1 ha	11,174	7,571.3	10,792	9,233	1,559		1,588	3,735	235	588	8,469	500	500	483.3	433
1 ha and under 2 ha	3,852	4,966.8	3,793	3,058	735		853	1,264	59	294	2,823	147	412	491.2	232
2 ha and under 3 ha	294	707.0	294	147	147		29	29		29	118	118	29	145.5	58
3 ha and under 4 ha	59	208.2	59	59				29			29	29		0.5	4
4 ha and under 5 ha	59	270.7	59	59							59				
5 ha and under 10 ha	59	344.6	29	29									29	32.3	15
10 ha and over															
Total	45,079	21,329.3	43,550	38,610	4,911	29	6,146	15,085	559	1,559	34,993	1,853	2,588	1,660.6	1,574

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)

	To	otal							Wheat						
			No of		Seeds		Pesticide s	Irrigated	and fertiliz	ers used	Unirriga	ated and fe used	ertilizers	Area Trea mineral/ o	
Total area of holding	No. of holdings	Area (ha)	No. of holdings reporting	No. o	f holdings	using	No. of holdings	No. o	f holdings	using	No. c	of holdings	using	fertilizer an use	
			reporting	Local seeds	Improved seeds	Hybrid seeds	using	Local fertilizers	Mineral/ chemical	Both	Local fertilizers	Mineral/ chemical	Both	Area (ha)	Quantity (Qtl.)
Holding without land	353	6.5	265	265			88	88			235				
Holding with land	44,726	21,322.9	43,785	39,815	3,970		6,528	21,084	676	1,117	38,610	1,411	1,117	1,157.8	889
under 0.1 ha	4,587	288.2	4,264	4,176	88		618	1,970			3,764				
0.1 ha and under 0.2 ha	6,263	928.1	6,028	5,764	265		853	2,588		29	5,646	88	29	18.6	20
0.2 ha and under 0.5 ha	18,379	6,038.0	18,173	16,849	1,323		2,441	8,998	323	235	16,320	618	235	216.0	169
0.5 ha and under 1 ha	11,174	7,571.3	11,027	9,586	1,441		1,647	5,616	265	382	9,527	441	382	365.6	408
1 ha and under 2 ha	3,852	4,966.8	3,852	3,146	706		912	1,823	88	412	3,058	176	412	401.0	210
2 ha and under 3 ha	294	707.0	294	147	147		29	59		59	147	88	59	156.5	82
3 ha and under 4 ha	59	208.2	59	59			29	29			59				
4 ha and under 5 ha	59	270.7	59	59							59				
5 ha and under 10 ha	59	344.6	29	29							29				
10 ha and over															
Total	45,079	21,329.3	44,050	40,080	3,970		6,616	21,172	676	1,117	38,845	1,411	1,117	1,157.8	889

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)

	To	otal							Potato						
					Seeds		Pesticides	Irrigated	and fertiliz	ers used	Unirrig	ated and fe used	ertilizers	Area trea	
Total area of holding	No. of	Area (ha)	No. of holdings	No. o	f holdings	using	No. of	No. o	f holdings	using	No. c	of holdings	using	fertilizer ar	nd quantity
	holdings		reporting	Local seeds	Improved seeds	Hybrid seeds	holdings using	Local fertilizers	Mineral/ chemical fertilizers	Both	Local fertilizers	Mineral/ chemical fertilizers	Both	Area (ha)	Quantity (Qtl.)
Holding without land	353	6.5													
Holding with land	44,726	21,322.9	12,674	10,880	1,794		1,911	6,087	29	412	10,116	235	1,147	77.8	538
under 0.1 ha	4,587	288.2	970	882	88		29	382			941				
0.1 ha and under 0.2 ha	6,263	928.1	1,647	1,470	176		118	1,000			1,411	29	118	4.9	20
0.2 ha and under 0.5 ha	18,379	6,038.0	5,117	4,587	529		735	2,352	29	88	3,764	147	706	32.1	147
0.5 ha and under 1 ha	11,174	7,571.3	3,146	2,647	500		500	1,617		147	2,676	29	147	11.1	83
1 ha and under 2 ha	3,852	4,966.8	1,559	1,147	412		470	735		147	1,147	29	147	26.2	279
2 ha and under 3 ha	294	707.0	176	88	88		59			29	118		29	3.6	9
3 ha and under 4 ha	59	208.2													
4 ha and under 5 ha	59	270.7	59	59							59				
5 ha and under 10 ha	59	344.6													
10 ha and over															
Total	45,079	21,329.3	12,674	10,880	1,794		1,911	6,087	29	412	10,116	235	1,147	77.8	538

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)

	To	tal						Suga	arcane						
					Seeds		Pesticides	Irrigated a	nd fertilizer	s used	Unirrigat	ed and ferti used	lizers		ated with
Total area of holding	No. of holdings	Area (ha)	No. of holdings	No. o	of holdings (	using	No. of	No. of I	noldings us	ing	No. of	holdings us	sing	fertilizer a	nd quantity sed
			reporting	Local seeds	Improved seeds	Hybrid seeds	- holdings using	Local fertilizers	chemical	Both	Local fertilizers	chemical	Both	Area (ha)	Quantity (Qtl.)
Holding without land	353	6.5													
Holding with land	44,726	21,322.9													
under 0.1 ha	4,587	288.2													
0.1 ha and under 0.2 ha	6,263	928.1													
0.2 ha and under 0.5 ha	18,379	6,038.0													
0.5 ha and under 1 ha	11,174	7,571.3													
1 ha and under 2 ha	3,852	4,966.8													
2 ha and under 3 ha	294	707.0													
3 ha and under 4 ha	59	208.2													
4 ha and under 5 ha	59	270.7													
5 ha and under 10 ha	59	344.6													
10 ha and over															
Total	45,079	21,329.3													

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)

	То	otal						٧	egetables	i					
					Seeds		Pesticides	Irrigated	and fertiliz	ers used	Unirrig	ated and fe used	ertilizers	Area trea	
Total area of holding	No. of	Area (ha)	No. of holdings	No. o	f holdings	using	No. of	No. c	of holdings	using	No. o	of holdings	using	fertilizer ar	nd quantity
	holdings	` ,	reporting	Local seeds	Improved seeds	Hybrid seeds	holdings using	Local fertilizers	Mineral/ chemical fertilizers	Both	Local fertilizers	Mineral/ chemical fertilizers	Both	Area (ha)	Quantity (Qtl.)
Holding without land	353	6.5													
Holding with land	44,726	21,322.9	5,440	3,940	1,470	29	588	2,205	59	147	4,470	235	323	53.6	174
under 0.1 ha	4,587	288.2	382	353	29		59	118			353				
0.1 ha and under 0.2 ha	6,263	928.1	618	441	176		29	265			529		59	1.5	25
0.2 ha and under 0.5 ha	18,379	6,038.0	1,853	1,559	294		206	882		29	1,559	147	29	10.1	33
0.5 ha and under 1 ha	11,174	7,571.3	1,529	970	559		88	618	59		1,294	88	118	10.1	17
1 ha and under 2 ha	3,852	4,966.8	912	529	353	29	206	294		118	618		118	31.9	99
2 ha and under 3 ha	294	707.0	118	59	59			29			88				
3 ha and under 4 ha	59	208.2													
4 ha and under 5 ha	59	270.7	29	29							29				
5 ha and under 10 ha	59	344.6													
10 ha and over															
Total	45,079	21,329.3	5,440	3,940	1,470	29	588	2,205	59	147	4,470	235	323	53.6	174

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)

	Tot	tal						0	ther crops						
					Seeds		Pesticides	Irrigated	and fertiliz	ers used	Unirrigate	d and fertili	zers used		ated with chemical
Total area of holding	No. of	Area (ha)	No. of holdings	No. c	f holdings ι	using	No. of	No. o	of holdings	using	No. c	of holdings (	using	fertilizer a	nd quantity sed
	holdings		reporting	Local seeds	Improved seeds	Hybrid seeds	holdings using	Local fertilizers	Mineral/ chemical fertilizers	Both	Local fertilizers	Mineral/ chemical fertilizers	Both	Area (ha)	Quantity (Qtl.)
Holding without land	353	6.5													
Holding with land	44,726	21,322.9	8,204	7,940	265		1,735	3,676			7,498		29	0.9	6
under 0.1 ha	4,587	288.2	323	323			118	59			294				
0.1 ha and under 0.2 ha	6,263	928.1	1,000	970	29		265	470			912				
0.2 ha and under 0.5 ha	18,379	6,038.0	3,323	3,264	59		470	1,176			3,029		29	0.9	6
0.5 ha and under 1 ha	11,174	7,571.3	2,294	2,264	29		382	1,264			2,117				
1 ha and under 2 ha	3,852	4,966.8	1,088	970	118		500	618			1,029				
2 ha and under 3 ha	294	707.0	147	118	29			88			88				
3 ha and under 4 ha	59	208.2													
4 ha and under 5 ha	59	270.7	29	29							29				
5 ha and under 10 ha	59	344.6													
10 ha and over															
Total	45,079	21,329.3	8,204	7,940	265		1,735	3,676			7,498		29	0.9	6

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

						Live	stock					
Total area of holding	Tot	tal	Cat	tle	Yak/Na	k/Chauri	Buf	falo	Go	oat	She	еер
	No. of holdings	No. of heads	No. of holdings	No. of heads	No. of holdings	No. of heads						
Holding without land	323	2,003	256	681			54	73	174	1,248		
Holding with land	42,105	317,602	36,154	106,504			24,335	39,501	29,430	161,022	911	6,560
Under 0.1 ha	3,902	14,891	2,842	5,744			1,431	1,761	1,946	7,054		
0.1 ha and under 0.2 ha	5,839	35,780	4,548	12,051			3,214	4,305	3,283	17,635	304	1,679
0.2 ha and under 0.5 ha	17,400	126,209	15,206	43,525			9,318	14,675	12,492	64,265	304	1,445
0.5 ha and under 1 ha	10,886	95,406	9,863	31,119			7,265	12,572	8,338	49,159	152	1,562
1 ha and under 2 ha	3,638	40,183	3,326	11,844			2,782	5,430	3,050	20,756	152	1,874
2 ha and under 3 ha	264	3,407	227	1,451			216	489	203	1,467		
3 ha and under 4 ha	59	498	57	237			54	73	29	187		
4 ha and under 5 ha	59	988	57	355			54	196	58	437		
5 ha and under 10 ha	59	240	28	178					29	62		
10 ha and over												
Total	42,428	319,605	36,410	107,185			24,389	39,574	29,604	162,270	911	6,560

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

					Lives	stock				
Total area of holding	pi	ig	Но	rse	Mules ar	nd Asses	Rai	bbit	Otl	ner
	No. of holdings	No. of heads								
Holding without land										
Holding with land	1,704	3,869	29	29	29	29			88	88
Under 0.1 ha	222	332								
0.1 ha and under 0.2 ha	74	111								
0.2 ha and under 0.5 ha	889	2,211	29	29	29	29			29	29
0.5 ha and under 1 ha	445	995								
1 ha and under 2 ha	74	221							59	59
2 ha and under 3 ha										
3 ha and under 4 ha										
4 ha and under 5 ha										
5 ha and under 10 ha										
10 ha and over										
Total	1,704	3,869	29	29	29	29			88	88

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

							Cattle						
		A.I						U	nder one yea	ar			
Total area of holding		All a	iyes			Total			Male			Female	
	No. of	Nu	ımber of hea	ds	Nu	mber of hea	ds	Nu	mber of hea	ds	Nu	ımber of hea	ds
	holdings	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	256 681 681				118	118		30	30		89	89	
Holding with land	36,154	106,504	106,119	385	7,254	7,136	118	3,523	3,405	118	3,731	3,731	
under 0.1 ha	2,842	5,744	5,744		355	355		118	118		237	237	
0.1 ha and under 0.2 ha	4,548	12,051	12,051		740	740		415	415		326	326	
0.2 ha and under 0.5 ha	15,206	43,525	43,466	59	2,517	2,517		1,125	1,125		1,392	1,392	
0.5 ha and under 1 ha	9,863	31,119	31,030	89	2,132	2,102	30	977	947	30	1,155	1,155	
1 ha and under 2 ha	3,326	11,844	11,666	178	1,036	1,007	30	563	533	30	474	474	
2 ha and under 3 ha	227	1,451	1,451		207	207		118	118		89	89	
3 ha and under 4 ha	57	237	237		30	30		30	30				
4 ha and under 5 ha	57	355	355		118	118		59	59		59	59	
5 ha and under 10 ha	28	178	118	59	118	59	59	118	59	59			
10 ha and over													
Total	36,410	107,185	106,800	385	7,373	7,254	118	3,553	3,435	118	3,820	3,820	

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

					Cattle				
					One to three years	<b>i</b>			
Total area of holding		Total			Male			Female	
	l	Number of heads			Number of heads			Number of heads	
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	59	59		30	30		30	30	
Holding with land	9,978	9,919	59	4,708	4,708		5,270	5,211	59
under 0.1 ha	444	444		118	118		326	326	
0.1 ha and under 0.2 ha	1,155	1,155		444	444		711	711	
0.2 ha and under 0.5 ha	4,145	4,145		2,161	2,161		1,984	1,984	
0.5 ha and under 1 ha	2,724	2,724		1,244	1,244		1,480	1,480	
1 ha and under 2 ha	1,362	1,303	59	651	651		711	651	59
2 ha and under 3 ha	30	30		30	30				
3 ha and under 4 ha									
4 ha and under 5 ha	118	118		59	59		59	59	
5 ha and under 10 ha									
10 ha and over									
Total	10,037	9,978	59	4,737	4,737		5,300	5,241	59

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

						Cat	ttle					
						Three year	s and over					
Total area of holding		Total			Male				Fen	nale		
rotal area of floiding	NI	umber of head	lo.	N	umber of head	lo.		Cows			Cows in milk	
	IN	umber of fleat	15	IN	umber of fleat	15	N	umber of head	ls	N	umber of head	ls
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	503 503 89,271 89,064 20			148	148		118	118		237	237	
Holding with land	89,271	89,064	207	60,817	60,639	178	9,120	9,120		19,335	19,305	30
Under 0.1 ha	4,945	4,945		3,109	3,109		415	415		1,421	1,421	
0.1 ha and Under 0.2 ha	10,156	10,156		6,810	6,810		947	947		2,398	2,398	
0.2 ha and Under 0.5 ha	36,863	36,804	59	25,257	25,227	30	3,760	3,760		7,846	7,817	30
0.5 ha and Under 1 ha	26,263	26,204	59	18,269	18,210	59	2,694	2,694		5,300	5,300	1
1 ha and Under 2 ha	9,445	9,356	89	6,632	6,544	89	1,125	1,125		1,688	1,688	
2 ha and Under 3 ha	1,214	1,214		474	474		89	89		651	651	1
3 ha and Under 4 ha	207	207		148	148		30	30		30	30	1
4 ha and Under 5 ha	118	118		118	118							
5 ha and Under 10 ha	59	59		_			59	59	_			
10 ha and over												
Total	89,775	89,568	207	60,965	60,788	178	9,238	9,238		19,572	19,542	30

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

						Yak/Nak	/Chaunri					
	A.II. a		l	Inder one yea	ar	0	ne to three ye	ear		Three yea	rs and over	
Total area of holding	All a	ages	Total	Male	Female	Total	Male	Female	Total	Male	Fen	nale
	No. of	No. of	No. of	No. of	No. of	No. of	No. of	No. of	No. of	No. of	Nak/Chaunri	Nak/Chaunri in milk
	holdings	heads	heads	heads	heads	heads	heads	heads	heads	heads	No. of heads	No. of heads
Holding without land												
Holding with land												
under 0.1 ha												
0.1 ha and under 0.2 ha												
0.2 ha and under 0.5 ha												
0.5 ha and under 1 ha												
1 ha and under 2 ha												
2 ha and under 3 ha												
3 ha and under 4 ha												
4 ha and under 5 ha												
5 ha and under 10 ha												
10 ha and over												
Total												

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

							Buffalo						
		۸۱۱ م	200					U	nder one ye	ar			
Total area of holding		All a	iges			Total			Male			Female	
	No. of	Nι	ımber of hea	ds	Nu	ımber of hea	ıds	Nu	ımber of hea	ıds	Nι	ımber of hea	ds
	holdings	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	54	73	73		24	24		24	24				
Holding with land	24,335	39,501	39,036	465	7,998	7,900	98	2,568	2,495	73	5,430	5,405	24
under 0.1 ha	1,431	1,761	1,761		245	245		73	73		171	171	
0.1 ha and under 0.2 ha	3,214	4,305	4,256	49	832	832		367	367		465	465	
0.2 ha and under 0.5 ha	9,318	14,675	14,553	122	3,400	3,375	24	1,027	1,003	24	2,372	2,372	
0.5 ha and under 1 ha	7,265	12,572	12,401	171	2,201	2,177	24	685	660	24	1,516	1,516	
1 ha and under 2 ha	2,782	5,430	5,381	49	1,150	1,125	24	391	367	24	758	758	
2 ha and under 3 ha	216	489	416	73	98	73	24	24	24		73	49	24
3 ha and under 4 ha	54	73	73		24	24					24	24	
4 ha and under 5 ha	54	196	196		49	49					49	49	
5 ha and under 10 ha													
10 ha and over													
Total	24,389	39,574	39,109	465	8,022	7,925	98	2,593	2,519	73	5,430	5,405	24

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

					Buffalo				
				(	One to three years				
Total area of holding		Total			Male			Female	
	ı	Number of heads			Number of heads			Number of heads	
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land									
Holding with land	5,356	5,308	49	1,296	1,296		4,060	4,011	49
under 0.1 ha	245	245		49	49		196	196	
0.1 ha and under 0.2 ha	563	563		73	73		489	489	
0.2 ha and under 0.5 ha	1,883	1,883		465	465		1,419	1,419	
0.5 ha and under 1 ha	1,712	1,663	49	416	416		1,296	1,247	49
1 ha and under 2 ha	881	881		245	245		636	636	
2 ha and under 3 ha	49	49		24	24		24	24	
3 ha and under 4 ha									
4 ha and under 5 ha	24	24		24	24				
5 ha and under 10 ha									
10 ha and over									
Total	5,356	5,308	49	1,296	1,296		4,060	4,011	49

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

Table 9c. Number of floidings					.,							
							falo					
						Three year	s and over					
Total area of holding		Total			Male				Fem	nale		
Total area of floiding	N	umber of head	ds	N	umber of head	ds		Buffalo		ı	Buffalo in milk	•
	Total	Local	Improved	Total	Local	Improved	N	umber of hea	d	N	lumber of hea	d
	Total	Local	improved	Total	Local	improved	Total	Local	Improved	Total	Local	Improved
Holding without land	49	49					24	24		24	24	]
Holding with land	26,146	25,828	318	1,761	1,712	49	13,208	12,988	220	11,178	11,129	49
Under 0.1 ha	1,272	1,272					587	587		685	685	1
0.1 ha and Under 0.2 ha	2,911	2,862	49	196	171	24	1,419	1,394	24	1,296	1,296	]
0.2 ha and Under 0.5 ha	9,392	9,294	98	416	416		4,916	4,818	98	4,060	4,060	
0.5 ha and Under 1 ha	8,658	8,561	98	611	611		4,085	4,036	49	3,962	3,913	49
1 ha and Under 2 ha	3,400	3,375	24	440	440		1,883	1,859	24	1,076	1,076	
2 ha and Under 3 ha	342	294	49	49	24	24	196	171	24	98	98	
3 ha and Under 4 ha	49	49					49	49				1
4 ha and Under 5 ha	122	122		49	49		73	73				
5 ha and Under 10 ha												
10 ha and over												1
Total	26,195	25,877	318	1,761	1,712	49	13,232	13,012	220	11,202	11,153	49

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

							Goat						
		All a						Un	der six mont	ths			
Total area of holding		All a	iges	-		Total			Male			Female	
	No. of	l	No. of heads	;	ı	No. of heads		ı	No. of heads	1		No. of heads	i
	holdings	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	174	· · · · · ·			468	468		218	218		250	250	
Holding with land	29,430	161,022	159,336	1,685	41,668	41,293	375	19,476	19,383	94	22,192	21,911	281
Under 0.1 ha	1,946	7,054	7,054		1,467	1,467		624	624		843	843	
0.1 ha and Under 0.2 ha	3,283	17,635	17,416	218	4,494	4,463	31	2,310	2,310		2,185	2,154	31
0.2 ha and Under 0.5 ha	12,492	64,265	63,297	968	16,511	16,386	125	7,897	7,834	62	8,614	8,552	62
0.5 ha and Under 1 ha	8,338	49,159	48,878	281	12,547	12,485	62	5,649	5,618	31	6,898	6,867	31
1 ha and Under 2 ha	3,050	20,756	20,537	218	5,961	5,805	156	2,684	2,684		3,277	3,121	156
2 ha and Under 3 ha	203	1,467	1,467		437	437		218	218		218	218	
3 ha and Under 4 ha	29	187	187		94	94		31	31		62	62	
4 ha and Under 5 ha	58	437	437		156	156		62	62		94	94	
5 ha and Under 10 ha	29	62	62										
10 ha and over													
Total	29,604	162,270	160,585	1,685	42,136	41,761	375	19,695	19,601	94	22,441	22,160	281

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

					Goat				
				5	Six months and ove	er			
Total area of holding		Total			Male			Female	
		No. of heads			No. of heads			No. of heads	
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land	780 780 119.354 118.043 1.i			156	156		624	624	
Holding with land	119,354	118,043	1,311	31,212	30,525	687	88,142	87,518	624
Under 0.1 ha	5,587	5,587		1,092	1,092		4,494	4,494	
0.1 ha and Under 0.2 ha	13,140	12,953	187	2,996	2,965	31	10,144	9,988	156
0.2 ha and Under 0.5 ha	47,754	46,911	843	12,734	12,235	499	35,020	34,676	343
0.5 ha and Under 1 ha	36,611	36,393	218	9,832	9,707	125	26,780	26,686	94
1 ha and Under 2 ha	14,794	14,732	62	3,933	3,901	31	10,862	10,830	31
2 ha and Under 3 ha	1,030	1,030		312	312		718	718	
3 ha and Under 4 ha	94	94		31	31		62	62	
4 ha and Under 5 ha	281	281		218	218		62	62	
5 ha and Under 10 ha	62	62		62	62				
10 ha and over									
Total	120,134	118,823	1,311	31,368	30,681	687	88,766	88,142	624

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

							Sheep						
		All o	200					Un	der six mont	hs			
Total area of holding		All a	ges			Total			Male			Female	
	No. of	1	No. of heads			No. of heads		3					
	holdings	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land		044 6 500 6 500											
Holding with land	911	911 6,560 6,560			2,733	2,733		1,835	1,835		898	898	
Under 0.1 ha													
0.1 ha and Under 0.2 ha	304	1,679	1,679		430	430		195	195		234	234	
0.2 ha and Under 0.5 ha	304	1,445	1,445		586	586		312	312		273	273	
0.5 ha and Under 1 ha	152	1,562	1,562		469	469		117	117		351	351	
1 ha and Under 2 ha	152	1,874	1,874		1,250	1,250		1,210	1,210		39	39	
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	911	6,560	6,560		2,733	2,733		1,835	1,835		898	898	

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

					Sheep				
				S	Six months and ove	er			
Total area of holding		Total			Male			Female	
		No. of heads			No. of heads			No. of heads	
	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land									
Holding with land	3,827	3,827		1,250	1,250		2,577	2,577	
Under 0.1 ha									
0.1 ha and Under 0.2 ha	1,250	1,250		156	156		1,093	1,093	
0.2 ha and Under 0.5 ha	859	859		351	351		508	508	
0.5 ha and Under 1 ha	1,093	1,093		156	156		937	937	
1 ha and Under 2 ha	625	625		586	586		39	39	
2 ha and Under 3 ha									
3 ha and Under 4 ha									
4 ha and Under 5 ha									
5 ha and Under 10 ha									
10 ha and over									
Total	3,827	3,827		1,250	1,250		2,577	2,577	

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

					Р	ig				
Total area of holding		То	tal		ı	Jnder six months	3	Si	x months and ov	er
Total area of floiding	No of holdings	1	Number of heads		ı	Number of heads	,	ı	Number of heads	i
	No. of holdings	Total	Local	Improved	Total	Local	Improved	Total	Local	Improved
Holding without land										
Holding with land	1,704	3,869	3,869		995	995		2,874	2,874	
Under 0.1 ha	222	332	332					332	332	
0.1 ha and Under 0.2 ha	74	111	111		111	111				
0.2 ha and Under 0.5 ha	889	2,211	2,211		442	442		1,769	1,769	
0.5 ha and Under 1 ha	445	995	995		221	221		774	774	
1 ha and Under 2 ha	74	221	221		221	221				
2 ha and Under 3 ha										
3 ha and Under 4 ha										
4 ha and Under 5 ha										
5 ha and Under 10 ha										
10 ha and over										
Total	1,704 3,869 3,869 995 995						2,874	2,874		

Table 10. Number of holdings reporting different type of birds by area of holding

						Pou	ultry (Chick	en)					
	To	otal			Loc	al					Improved		
Total area of holding					Nι	ımber of bird	ls				Number	of birds	
	No. of holdings	Number of birds	No. of holdings			_	Не	ns	No. of holdings				
	Holdings	bii d3	Holdings	Total	Chicks	Cocks	Laying eggs	Not laying eggs	Holdings	Total	Broiler	Layers	Giriraj
Holding without land	265	2,117	265	2,058	1,323	147	265	323	29	59	29	29	
Holding with land	21,055	118,064	20,760	106,831	61,399	13,850	16,526	15,056	1,353	11,233	10,998	235	
Under 0.1 ha	1,588	7,793	1,529	6,940	3,411	1,117	1,176	1,235	206	853	853		
0.1 ha and Under 0.2 ha	3,264	15,056	3,235	14,732	7,469	2,352	2,499	2,411	206	323	235	88	
0.2 ha and Under 0.5 ha	8,910	44,961	8,822	44,373	25,701	5,764	7,175	5,734	529	588	500	88	
0.5 ha and Under 1 ha	4,970	25,495	4,881	24,995	14,203	3,058	3,676	4,058	265	500	500		
1 ha and Under 2 ha	2,176	15,409	2,176	15,291	10,263	1,470	1,970	1,588	88	118	59	59	
2 ha and Under 3 ha	88	206	88	206	59	88	29	29					
3 ha and Under 4 ha	29	323	29	294	294				29	29	29		
4 ha and Under 5 ha													
5 ha and Under 10 ha	29	8,822							29	8,822	8,822		
10 ha and over													
Total	21,319	120,181	21,025	21,025 108,889 62,722 13,997 16,791					1,382	11,292	11,027	265	

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

			Other	birds		
Total area of holding	Duc	ck	Pig	eon	Oth	ers
	No. of holdings	No. of birds	No. of holdings	No. of birds	No. of holdings	No. of birds
Holding without land						
Holding with land	147	382	147	1,000	29	29
Under 0.1 ha	29	118				
0.1 ha and Under 0.2 ha						
0.2 ha and Under 0.5 ha					29	29
0.5 ha and Under 1 ha	29	59	59	294		
1 ha and Under 2 ha	88	206	88	706		
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	147	382	147	1,000	29	29

Table 12. Number, area of holdings, number of holdings reporting use of implements and other facilities by total area of holding

	To	otal					No. of holdin	gs reporting	the use of				
Total area of holding	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	353	6.5											
Holding with land	44,726	21,322.9	2,441									294	59
Under 0.1 ha	4,587	288.2	59										29
0.1 ha and Under 0.2 ha	6,263	928.1	118										
0.2 ha and Under 0.5 ha	18,379	6,038.0	941									88	
0.5 ha and Under 1 ha	11,174	7,571.3	1,029									118	
1 ha and Under 2 ha	3,852	4,966.8	265									88	29
2 ha and Under 3 ha	294	707.0	29										
3 ha and Under 4 ha	59	208.2											
4 ha and Under 5 ha	59	270.7											
5 ha and Under 10 ha	59	344.6											
10 ha and over													
Total	45,079	21,329.3	2,441									294	59

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

	То	tal					Number by	source (On t	the day of e	numeration	)			
Total area of holding	No. of				Iron pl	oughs						Power tillers	3	
	holdings	Area (ha)	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/Ot hers	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others
Holding without land	353	6.5												
Holding with land	44,726	21,322.9	2,411	2,411	2,411									
Under 0.1 ha	4,587	288.2	59	59	59									
0.1 ha and Under 0.2 ha	6,263	928.1	118	118	118									
0.2 ha and Under 0.5 ha	18,379	6,038.0	912	912	912									
0.5 ha and Under 1 ha	11,174	7,571.3	1,029	1,029	1,029									
1 ha and Under 2 ha	3,852	4,966.8	265	265	265									
2 ha and Under 3 ha	294	707.0	29	29	29									
3 ha and Under 4 ha	59	208.2												
4 ha and Under 5 ha	59	270.7												
5 ha and Under 10 ha	59	344.6												
10 ha and over														
Total	45,079	21,329.3	2,411	2,411	2,411									

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

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

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

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

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

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

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

		Number by source (On the day of enumeration)										
Total area of holding			Animal d	rawn cart					Spra	ayer		
	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							353	353	206	147		
Under 0.1 ha												
0.1 ha and Under 0.2 ha												
0.2 ha and Under 0.5 ha							118	118		118		
0.5 ha and Under 1 ha							118	118	88	29		
1 ha and Under 2 ha							118	118	118			
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							353	353	206	147		

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

			Number by source (On	the day of enumeration)		
Total area of holding			Other ed	quipment		
	No. of holdings	Total	Owned solely	Owned Jointly	Land owner's	Rented/ Others
Holding without land						
Holding with land	29	59	59			
Under 0.1 ha	29	59	59			
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	29	59	59			

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

		Fo	r keeping livesto	ck			F	or keeping poult	ry	
Total area of holding	No. of holdings		Number b	by source		No. of holdings		Number I	by source	
	reporting the use	Total	Owned	Rented	Others	reporting the use	Total	Owned	Rented	Others
Holding without land	59	59	59							
Holding with land	4,970	4,970	4,970			29	29	29		
Under 0.1 ha	470	470	470							
0.1 ha and Under 0.2 ha	382	382	382							
0.2 ha and Under 0.5 ha	1,676	1,676	1,676							
0.5 ha and Under 1 ha	1,353	1,353	1,353			29	29	29		
1 ha and Under 2 ha	941	941	941							
2 ha and Under 3 ha	118	118	118							
3 ha and Under 4 ha										
4 ha and Under 5 ha	29	29	29							
5 ha and Under 10 ha										
10 ha and over							·			
Total	5,028	5,028	5,028			29	29	29		

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

		For sto	ring agricultural p	products			For m	iscellaneous pur	poses	
Total area of holding	No. of holdings		Number	by source		No. of holdings		Number	by source	
	reporting the use	Total	Owned	Rented	Others	reporting the use	Total	Owned	Rented	Others
Holding without land										
Holding with land						29	29	29		
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						29	29	29		
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						29	29	29		

Table 15. Number, area of holdings and number of holdings reporting forest trees by total area of holding

	То	tal			Forest Trees		
Total area of holding	No of holdings	Area (ha)	No. of holdings		Compact Plantation		Number of scattered
	No. of holdings	Area (ha)	reporting	No. of holdings	Area (ha)	No. of trees	trees
Holding without land	353	6.5					
Holding with land	44,726	21,322.9	5,293	559	62.1	33,317	54,489
Under 0.1 ha	4,587	288.2	176				912
0.1 ha and Under 0.2 ha	6,263	928.1	676				5,234
0.2 ha and Under 0.5 ha	18,379	6,038.0	2,970	147	8.4	8,439	30,111
0.5 ha and Under 1 ha	11,174	7,571.3	1,147	323	35.7	11,792	13,380
1 ha and Under 2 ha	3,852	4,966.8	265	59	15.0	8,675	3,440
2 ha and Under 3 ha	294	707.0	29	29	3.0	4,411	882
3 ha and Under 4 ha	59	208.2					
4 ha and Under 5 ha	59	270.7					
5 ha and Under 10 ha	59	344.6	29				529
10 ha and over							
Total	45,079	21,329.3	5,293	559	62.1	33,317	54,489

Table 15. Number, area of holdings and number of holding reporting use of forest trees by total area of holding (continued)

	To	tal		No. of hol	ding reporting use of fo	rest trees	
Total area of holding	No. of holdings	Area (ha)	Total holding	For wood production	For herbal plants production	For soil and water conservation	Other
Holding without land	353	6.5					
Holding with land	44,726	21,322.9	5,293	4,352	88		853
Under 0.1 ha	4,587	288.2	176	88			88
0.1 ha and Under 0.2 ha	6,263	928.1	676	529			147
0.2 ha and Under 0.5 ha	18,379	6,038.0	2,970	2,588	29		353
0.5 ha and Under 1 ha	11,174	7,571.3	1,147	912	59		176
1 ha and Under 2 ha	3,852	4,966.8	265	206			59
2 ha and Under 3 ha	294	707.0	29	29			
3 ha and Under 4 ha	59	208.2					
4 ha and Under 5 ha	59	270.7					
5 ha and Under 10 ha	59	344.6	29				29
10 ha and over							
Total	45,079	21,329.3	5,293	4,352	88		853

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	То	tal	Numbe	er of holding reporting ancil	llary agriculture activity on h	nolding
Total area of Holding	Number of Holdings	Area (ha)	Mushroom farming	Sericulture	Bee-keeping	Fishery
Holding without land	353	6.5			29	
Holding with land	44,726	21,322.9	206		1,353	
Under 0.1 ha	4,587	288.2	29		29	
0.1 ha and Under 0.2 ha	6,263	928.1			206	
0.2 ha and Under 0.5 ha	18,379	6,038.0	59		529	
0.5 ha and Under 1 ha	11,174	7,571.3	118		382	
1 ha and Under 2 ha	3,852	4,966.8			176	
2 ha and Under 3 ha	294	707.0				
3 ha and Under 4 ha	59	208.2				
4 ha and Under 5 ha	59	270.7			29	
5 ha and Under 10 ha	59	344.6				
10 ha and over						
Total	45,079	21,329.3	206		1,382	

Table 16a. Number, area of holdings, number of holdings reporting fishery and number and area of fish pond by total area of holding

	То	tal			Fisl	hery		
Total area of holding	Number of	Area (ha)	Number of holding		Pond		Rice field	Other
	Holdings	Area (ha)	reporting	No of holdings	No. of pond	Area (ha)	No of holdings	No of holdings
Holding without land	353	6.5						
Holding with land	44,726	21,322.9						
Under 0.1 ha	4,587	288.2						
0.1 ha and Under 0.2 ha	6,263	928.1						
0.2 ha and Under 0.5 ha	18,379	6,038.0						
0.5 ha and Under 1 ha	11,174	7,571.3						
1 ha and Under 2 ha	3,852	4,966.8						
2 ha and Under 3 ha	294	707.0						
3 ha and Under 4 ha	59	208.2						
4 ha and Under 5 ha	59	270.7						
5 ha and Under 10 ha	59	344.6						
10 ha and over								
Total	45,079	21,329.3						

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

	To	tal	No. of holdings			Number	of holdings wit	h credit by mai	n source		
Total area of holding	No. of holdings	Area (ha)	without agricultural credit	Total	Cooperatives	ADB/N	Commercial Bank/financia I institution	Farmer's group	Women's group	Relatives	Other
Holding without land	353	6.5	294	59	29						29
Holding with land	44,726	21,322.9	32,846	11,880	2,852	323	88	1,294	765	5,587	970
Under 0.1 ha	4,587	288.2	3,882	706	118	29		59		412	88
0.1 ha and Under 0.2 ha	6,263	928.1	4,793	1,470	441		29	265	176	470	88
0.2 ha and Under 0.5 ha	18,379	6,038.0	12,556	5,822	1,382	147	29	559	382	2,882	441
0.5 ha and Under 1 ha	11,174	7,571.3	8,087	3,088	735	59	29	206	118	1,588	353
1 ha and Under 2 ha	3,852	4,966.8	3,146	706	176	59		176	59	235	
2 ha and Under 3 ha	294	707.0	265	29					29		
3 ha and Under 4 ha	59	208.2	29	29		29					
4 ha and Under 5 ha	59	270.7	59								
5 ha and Under 10 ha	59	344.6	29	29				29			
10 ha and over											
Total	45,079	21,329.3	33,140	11,939	2,882	323	88	1,294	765	5,587	1,000

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	То	tal	No of holdings reporting need			Main purpose of	agricultural loan		
Total Area of Holding	Number of holdings	Area (ha)	for agricultural loan	Agricultural Inputs	Irrigation	Agricultural implements	Livestock/poultry farming	Fishery	Other
Holding without land	353	6.5	118	29			88		
Holding with land	44,726	21,322.9	22,936	1,823	7,410	147	11,439	59	2,058
Under 0.1 ha	4,587	288.2	1,323	59	382	29	618		235
0.1 ha and Under 0.2 ha	6,263	928.1	2,529	147	470	29	1,647		235
0.2 ha and Under 0.5 ha	18,379	6,038.0	10,557	676	3,323	29	5,616		912
0.5 ha and Under 1 ha	11,174	7,571.3	6,263	647	2,499	59	2,529	59	470
1 ha and Under 2 ha	3,852	4,966.8	2,000	235	647		970		147
2 ha and Under 3 ha	294	707.0	176	29	59		59		29
3 ha and Under 4 ha	59	208.2							
4 ha and Under 5 ha	59	270.7	29		29				
5 ha and Under 10 ha	59	344.6	59	29					29
10 ha and over									
Total	45,079	21,329.3	23,054	1,853	7,410	147	11,527	59	2,058

Table 19. Number, area of holdings, number of holdings reporting main source of income and sufficiency of income by total area of holding

	То	tal		Average	Main source of house		Sufficiency of agriculture produce		
Total area of holding	Number of holdings	Area (ha)	Farm population	household size	Agriculture	Non-agriculture	Sufficient for household consumption	Insufficient for household consumption	
Holding without land	353	6.5	1,559	4.4	265	88		353	
Holding with land	44,726	21,322.9	252,625	5.6	41,756	2,970	6,910	37,816	
Under 0.1 ha	4,587	288.2	23,407	5.1	4,234	353	29	4,558	
0.1 ha and Under 0.2 ha	6,263	928.1	33,787	5.4	5,852	412	235	6,028	
0.2 ha and Under 0.5 ha	18,379	6,038.0	99,656	5.4	16,967	1,411	1,559	16,820	
0.5 ha and Under 1 ha	11,174	7,571.3	67,574	6.0	10,557	618	2,941	8,234	
1 ha and Under 2 ha	3,852	4,966.8	25,054	6.5	3,705	147	1,882	1,970	
2 ha and Under 3 ha	294	707.0	2,088	7.1	265	29	235	59	
3 ha and Under 4 ha	59	208.2	323	5.5	59		29	29	
4 ha and Under 5 ha	59	270.7	441	7.5	59			59	
5 ha and Under 10 ha	59	344.6	294	5.0	59			59	
10 ha and over									
Total	45,079	21,329.3	254,183	5.6	42,021	3,058	6,910	38,169	

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 number of		Period of in	nsufficiency				Income sour	ces for insuf	ficiency		
Total area of holding	Total number of holdings	holdings reporting insufficiancy of own produce for household consumption	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	Pension	Borrowing	Other
Holding without land	353	353		29	206	118		147	29	147	29		
Holding with land	44,726	37,816	4,940	22,966	9,322	588	588	24,877	2,529	8,234	265	559	765
Under 0.1 ha	4,587	4,558	265	1,676	2,323	294	59	3,352	88	912	29	59	59
0.1 ha and Under 0.2 ha	6,263	6,028	382	3,470	2,117	59	88	4,587	235	823		118	176
0.2 ha and Under 0.5 ha	18,379	16,820	1,764	11,057	3,793	206	323	10,468	1,088	4,087	147	294	412
0.5 ha and Under 1 ha	11,174	8,234	1,676	5,499	1,029	29	118	4,911	853	2,117	88	59	88
1 ha and Under 2 ha	3,852	1,970	823	1,088	59			1,470	176	294			29
2 ha and Under 3 ha	294	59	29	29				29	29				
3 ha and Under 4 ha	59	29		29					29				
4 ha and Under 5 ha	59	59		59				29				29	
5 ha and Under 10 ha	59	59		59				29	29				
10 ha and over													
Total	45,079	38,169	4,940	22,995	9,527	706	588	25,024	2,558	8,381	294	559	765

Table 20. Number of holdings reporting one way travel time to the nearest agriculture market

	То	tal		No. of hold	lings reporting acces	s to nearest agricult	ure market	
Total area of holding	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	353	6.5	59	29		147	59	59
Holding with land	44,726	21,322.9	2,852	8,910	8,616	10,263	6,675	7,410
Under 0.1 ha	4,587	288.2	235	647	353	1,470	941	941
0.1 ha and Under 0.2 ha	6,263	928.1	441	970	794	1,029	1,117	1,911
0.2 ha and Under 0.5 ha	18,379	6,038.0	1,411	3,705	3,735	4,234	2,823	2,470
0.5 ha and Under 1 ha	11,174	7,571.3	529	2,441	2,617	2,647	1,411	1,529
1 ha and Under 2 ha	3,852	4,966.8	235	970	1,059	706	353	529
2 ha and Under 3 ha	294	707.0		118	29	88	29	29
3 ha and Under 4 ha	59	208.2			29	29		
4 ha and Under 5 ha	59	270.7		29		29		
5 ha and Under 10 ha	59	344.6		29		29		
10 ha and over								
Total	45,079	21,329.3	2,911	8,939	8,616	10,410	6,734	7,469

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

	То	tal		1	No. of holdings reporti	ng mode of transpo	rt	
Total area of holding	Number of Holdings	Area (ha)	On foot (without load)	Bicycle / rickshaw	Motorcycle / tempo	Car/bus	Mixed (foot+vehicle)	Nearby household
Holding without land	353	6.5	294					59
Holding with land	44,726	21,322.9	41,668			206		2,852
Under 0.1 ha	4,587	288.2	4,352					235
0.1 ha and Under 0.2 ha	6,263	928.1	5,822					441
0.2 ha and Under 0.5 ha	18,379	6,038.0	16,967					1,411
0.5 ha and Under 1 ha	11,174	7,571.3	10,527			118		529
1 ha and Under 2 ha	3,852	4,966.8	3,529			88		235
2 ha and Under 3 ha	294	707.0	294					
3 ha and Under 4 ha	59	208.2	59					
4 ha and Under 5 ha	59	270.7	59					
5 ha and Under 10 ha	59	344.6	59					
10 ha and over								
Total	45,079	21,329.3	41,962			206		2,911

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

	To	tal	Househ	old head	С	lassification of househo	ld
Total area of holding	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	353	6.5	353		353		
Holding with land	44,726	21,322.9	43,403	1,323	44,344	353	29
Under 0.1 ha	4,587	288.2	4,499	88	4,558	29	
0.1 ha and Under 0.2 ha	6,263	928.1	6,058	206	6,175	88	
0.2 ha and Under 0.5 ha	18,379	6,038.0	17,702	676	18,290	88	
0.5 ha and Under 1 ha	11,174	7,571.3	10,880	294	11,086	88	
1 ha and Under 2 ha	3,852	4,966.8	3,823	29	3,764	59	29
2 ha and Under 3 ha	294	707.0	294		294		
3 ha and Under 4 ha	59	208.2	59		59		
4 ha and Under 5 ha	59	270.7	59		59		
5 ha and Under 10 ha	59	344.6	29	29	59		
10 ha and over							
Total	45,079	21,329.3	43,756	1,323	44,697	353	29

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

	То	tal	Main poi produ					Main producti	on of holdings			
Total area of holding	Number of holdings	Area (ha)	For household Consumptio	For sale	Cereals	Vegetables	Horticulture	Other crops	Livestock	Poultry	Fishery	Other
Holding without land	353	6.5	353		176				147	29		
Holding with land	44,726	21,322.9	44,314	412	44,020	529		29	147			
Under 0.1 ha	4,587	288.2	4,587		4,499	88						
0.1 ha and Under 0.2 ha	6,263	928.1	6,205	59	6,175	88						
0.2 ha and Under 0.5 ha	18,379	6,038.0	18,261	118	18,173	147			59			
0.5 ha and Under 1 ha	11,174	7,571.3	10,968	206	10,910	176			88			
1 ha and Under 2 ha	3,852	4,966.8	3,823	29	3,793	29		29				
2 ha and Under 3 ha	294	707.0	294		294							
3 ha and Under 4 ha	59	208.2	59		59							
4 ha and Under 5 ha	59	270.7	59		59							
5 ha and Under 10 ha	59	344.6	59		59							
10 ha and over												
Total	45,079	21,329.3	44,667	412	44,197	529		29	294	29		

Table 23. Number, area of holdings, number of holdings reporting other economic production activity by total area of holding

	T	otal				C	ther main e	conomic pro	duction avt	ivity of holding				
Total area of holding	Number of holdings	Area (ha)	Mining and quarrying	Manufac turing	Electricity, gas and water	Construction		Hotel and restaurant s	Transport, communic ation and storage	Financial intermediatio n	Real state/profe ssional services	Education	Health	Community social and personal services
Holding without land	353	6.5												
Holding with land	44,726	21,322.9		676		88	1,059	118			88	265	59	353
Under 0.1 ha	4,587	288.2		88		29	88					59		
0.1 ha and Under 0.2 ha	6,263	928.1		206			147	59			29	29		29
0.2 ha and Under 0.5 ha	18,379	6,038.0		265		59	353	59			59	88		176
0.5 ha and Under 1 ha	11,174	7,571.3		118			353					59		59
1 ha and Under 2 ha	3,852	4,966.8					88					29	29	88
2 ha and Under 3 ha	294	707.0											29	
3 ha and Under 4 ha	59	208.2												
4 ha and Under 5 ha	59	270.7												
5 ha and Under 10 ha	59	344.6					29							
10 ha and over														
Total	45,079	21,329.3		676		88	1,059	118			88	265	59	353

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

	To	tal			Types of soil	degradation		
Total area of holding			Soil e	rosion	Chemical d	legradation	Physical de	egradation
	Number of holdings	Area (ha)	No. of holdings reporting	Area (ha)	No. of holdings reporting	Area (ha)	No. of holdings reporting	Area (ha)
Holding without land	353	6.5						
Holding with land	44,726	21,322.9	2,147	266.6			59	2.8
Under 0.1 ha	4,587	288.2	88	8.2			29	1.4
0.1 ha and Under 0.2 ha	6,263	928.1	206	7.6				
0.2 ha and Under 0.5 ha	18,379	6,038.0	970	111.1				
0.5 ha and Under 1 ha	11,174	7,571.3	706	98.1			29	1.4
1 ha and Under 2 ha	3,852	4,966.8	118	13.2				
2 ha and Under 3 ha	294	707.0	29	22.4				
3 ha and Under 4 ha	59	208.2	29	6.0				
4 ha and Under 5 ha	59	270.7						
5 ha and Under 10 ha	59	344.6						
10 ha and over								
Total	45,079	21,329.3	2,147	266.6			59	2.8

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

			Permane	ent basis			Occasi	onal basis			Exchange o	f labour basis	3
Total area of holding	Total no. of holdings	No. of holdings	No . of	agriculture	workers	No. of holdings	No. of agric	culture workers	s (man days)	No. of holdings	No. of ag	riculture wor days)	kers (man
		reporting	Total	Male	Female	reporting	Total	Male	Female	reporting	Total	Male	Female
Holding without land	353									176	2,823	1,176	1,647
Holding with land	44,726	118	176	147	29	5,558	125,857	55,312	70,544	20,849	578,999	257,888	321,111
Under 0.1 ha	4,587									1,529	24,554	11,439	13,115
0.1 ha and Under 0.2 ha	6,263					294	3,676	1,735	1,941	2,000	42,550	17,526	25,024
0.2 ha and Under 0.5 ha	18,379	29	88	59	29	1,617	30,523	13,938	16,585	9,233	240,980	110,713	130,267
0.5 ha and Under 1 ha	11,174	59	59	59		2,117	43,373	19,202	24,172	5,940	181,669	81,424	100,244
1 ha and Under 2 ha	3,852	29	29	29		1,323	41,874	17,732	24,142	1,911	78,631	32,052	46,579
2 ha and Under 3 ha	294					118	4,499	1,941	2,558	176	8,351	3,793	4,558
3 ha and Under 4 ha	59					29	88		88	29	1,470	588	882
4 ha and Under 5 ha	59					29	1,176	470	706	29	794	353	441
5 ha and Under 10 ha	59					29	647	294	353				
10 ha and over													
Total	45,079	118	176	147	29	5,558	125,857	55,312	70,544	21,025	581,822	259,065	322,757

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

				Nur	mber of holdings b	y holder's age and	sex		
Total area of holding	Total no. of holdings	All a	iges	Under	15 years	15 - 24	years	25 - 34	years
	3.	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	353	235	118			59		59	
Holding with land	44,726	38,845	5,881			1,970	353	7,204	1,176
Under 0.1 ha	4,587	4,029	559			176	59	1,147	118
0.1 ha and Under 0.2 ha	6,263	5,264	1,000			323	59	1,235	294
0.2 ha and Under 0.5 ha	18,379	15,938	2,441			1,059	147	3,293	470
0.5 ha and Under 1 ha	11,174	9,763	1,411			235	59	1,147	265
1 ha and Under 2 ha	3,852	3,470	382			176	29	353	29
2 ha and Under 3 ha	294	294						29	
3 ha and Under 4 ha	59		59						
4 ha and Under 5 ha	59	59							
5 ha and Under 10 ha	59	29	29						
10 ha and over									
Total	45,079	39,080	5,999			2,029	353	7,263	1,176

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

			Ni	umber of holdings by	y holder's age and se	ex		
Total area of holding	35 - 44	years	45 - 54	years	55 - 64	years	65 years	and over
	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	88	29	29	59				29
Holding with land	10,410	1,500	9,322	1,353	6,440	853	3,499	647
Under 0.1 ha	1,235	147	588	59	441	88	441	88
0.1 ha and Under 0.2 ha	1,588	147	1,088	323	618	118	412	59
0.2 ha and Under 0.5 ha	3,940	618	4,146	529	2,235	353	1,264	323
0.5 ha and Under 1 ha	2,588	500	2,499	265	2,323	206	970	118
1 ha and Under 2 ha	882	59	941	147	735	59	382	59
2 ha and Under 3 ha	118		59		59		29	
3 ha and Under 4 ha		29				29		
4 ha and Under 5 ha	59							
5 ha and Under 10 ha				29	29			
10 ha and over								
Total	10,498	1,529	9,351	1,411	6,440	853	3,499	676

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

				Are	ea (ha) of holdings l	by holder's age and	sex		
Total area of holding	Total area of holdings (ha)	All a	ges	Under	15 Years	15 - 24	Years	25 - 34	Years
	3 ( 1 )	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	6.5	4.7	1.7			1.1		0.9	
Holding with land	21,322.9	18,509.7	2,813.2			757.2	123.9	2,581.5	411.1
Under 0.1 ha	288.2	253.4	34.8			9.7	3.8	73.3	6.5
0.1 ha and Under 0.2 ha	928.1	777.5	150.6			47.9	8.5	179.9	45.7
0.2 ha and Under 0.5 ha	6,038.0	5,234.8	803.2			329.3	33.3	1,033.4	158.4
0.5 ha and Under 1 ha	7,571.3	6,608.1	963.2			155.6	35.1	777.4	170.7
1 ha and Under 2 ha	4,966.8	4,486.2	480.6			214.7	43.1	448.3	29.7
2 ha and Under 3 ha	707.0	707.0						69.3	
3 ha and Under 4 ha	208.2		208.2						
4 ha and Under 5 ha	270.7	270.7							
5 ha and Under 10 ha	344.6	172.0	172.6						
10 ha and over									
Total	21,329.3	18,514.4	2,814.9			758.3	123.9	2,582.4	411.1

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

			Ar	ea (ha) of holdings b	f holdings by holder's age and sex						
Total area of holding	35 - 44	Years	45 - 54	Years	55 - 64	Years	65 Years	and over			
	Male	Female	Male	Male Female		Female	Male	Female			
Holding without land	2.0	0.7	0.7	0.8				0.3			
Holding with land	5,031.5	792.0	4,680.6	778.2	3,693.1	440.9	1,765.8	267.2			
Under 0.1 ha	79.2	10.1	36.1	4.2	28.8	4.5	26.3	5.6			
0.1 ha and Under 0.2 ha	237.2	23.9	161.8	44.8	89.9	17.6	61.0	10.0			
0.2 ha and Under 0.5 ha	1,320.9	211.5	1,412.4	185.4	741.9	116.0	396.9	98.5			
0.5 ha and Under 1 ha	1,703.5	339.6	1,705.1	199.3	1,596.9	136.5	669.5	82.0			
1 ha and Under 2 ha	1,125.5	95.1	1,235.5	171.8	916.3	69.7	546.0	71.2			
2 ha and Under 3 ha	294.6		129.7		147.3		66.0				
3 ha and Under 4 ha		111.6				96.6					
4 ha and Under 5 ha	270.7										
5 ha and Under 10 ha				172.6	172.0						
10 ha and over											
Total	5,033.5	792.7	4,681.3	778.9	3,693.1	440.9	1,765.8	267.5			

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

					Farm po	pulation			
Total area of holding	Total number of holdings	All A	.ges	Under 1	15 Years	15 - 24	Years	25 - 34	Years
		Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	353	882	676	382	265	265	147	88	88
Holding with land	44,726	129,444	123,181	49,078	47,726	28,112	25,995	16,702	16,350
Under 0.1 ha	4,587	11,939	11,468	5,028	5,322	2,176	1,706	1,764	1,823
0.1 ha and Under 0.2 ha	6,263	16,526	17,261	7,028	7,645	3,029	3,499	2,235	2,294
0.2 ha and Under 0.5 ha	18,379	52,195	47,461	20,408	18,055	11,115	9,674	6,557	6,587
0.5 ha and Under 1 ha	11,174	34,228	33,346	11,527	12,262	8,234	7,440	4,323	4,146
1 ha and Under 2 ha	3,852	12,968	12,086	4,411	3,940	3,293	3,264	1,588	1,294
2 ha and Under 3 ha	294	1,029	1,059	412	382	176	294	176	147
3 ha and Under 4 ha	59	147	176	29	29	59	29	29	29
4 ha and Under 5 ha	59	265	176	176	29	29	59		29
5 ha and Under 10 ha	59	147	147	59	59		29	29	
10 ha and over									
Total	45,079	130,326	123,857	49,460	47,990	28,377	26,142	16,791	16,438

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

				Farm po	pulation			
Total area of holding	35 - 44	Years	45 - 54	Years	55 - 64	Years	65 Years	and over
	Male	Female	Male	Male Female		Female	Male	Female
Holding without land	88	29	59	88		29		29
Holding with land	13,056	14,203	10,910	9,498	7,263	5,764	4,323	3,646
Under 0.1 ha	1,353	1,323	676	618	470	412	470	265
0.1 ha and Under 0.2 ha	1,911	1,823	1,264	1,059	647	529	412	412
0.2 ha and Under 0.5 ha	5,117	5,558	4,793	3,999	2,558	2,205	1,647	1,382
0.5 ha and Under 1 ha	3,293	3,735	2,941	2,764	2,617	1,853	1,294	1,147
1 ha and Under 2 ha	1,206	1,559	1,176	970	853	676	441	382
2 ha and Under 3 ha	118	147	59	29	59	59	29	
3 ha and Under 4 ha		29			29	29		29
4 ha and Under 5 ha	59	29						29
5 ha and Under 10 ha				59	29		29	
10 ha and over								
Total	13,144	14,232	10,968	9,586	7,263	5,793	4,323	3,676

Table 29. Educational level of holders

	То	tal				Level of e	education			
Total area of hoding	10	lai	Upto 5	class	6 - 10	class	SI	_C	Intermediate	level / 10+2
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	235	118	29	29	29		29		29	
Holding with land	38,845	5,881	5,528	323	7,763	382	1,470	88	1,147	29
Under 0.1 ha	4,029	559	353		382	29	118	29	29	
0.1 ha and Under 0.2 ha	5,264	1,000	823	59	882	59	147	29	147	
0.2 ha and Under 0.5 ha	15,938	2,441	2,441	176	3,117	206	559	29	265	
0.5 ha and Under 1 ha	9,763	1,411	1,382	88	2,352	88	412		500	29
1 ha and Under 2 ha	3,470	382	529		941		176		176	
2 ha and Under 3 ha	294				88		59			
3 ha and Under 4 ha		59								
4 ha and Under 5 ha	59								29	
5 ha and Under 10 ha	29	29								
10 ha and over										
Total	39,080	5,999	5,558	353	7,793	382	1,500	88	1,176	29

Table 29. Educational level of holder (Continued)

					Level of	education					
Total area of holding	Bachelo	Bachelor's level		's level	Professio	nal Degree	Literate (non-fo	rmal education)	Illiterate		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Holding without land							88		29	88	
Holding with land	176		265				9,175	1,059	13,321	3,999	
Under 0.1 ha			29				1,117	59	2,000	441	
0.1 ha and Under 0.2 ha			29				941	118	2,294	735	
0.2 ha and Under 0.5 ha	118		118				3,676	441	5,646	1,588	
0.5 ha and Under 1 ha	29		59				2,499	382	2,529	823	
1 ha and Under 2 ha	29						853	29	765	353	
2 ha and Under 3 ha			29				59		59		
3 ha and Under 4 ha										59	
4 ha and Under 5 ha							29				
5 ha and Under 10 ha								29	29		
10 ha and over											
Total	176		265				9,263	1,059	13,350	4,087	

Table 30. Educational level of farm population other than holder

	То	tol				Level of e	education			
Total area of hoding	10	lai	Upto 5	class	6 - 10	class	SI	_C	Intermediate	level / 10+2
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	470	470	206	147	59	88	118	29	29	
Holding with land	77,837	104,949	32,905	33,464	26,671	22,848	4,911	3,176	4,323	2,617
Under 0.1 ha	6,293	9,498	3,117	3,382	1,500	1,147	206	118	118	29
0.1 ha and Under 0.2 ha	9,322	13,938	4,793	5,146	2,647	2,558	353	118	265	176
0.2 ha and Under 0.5 ha	30,847	40,374	13,615	12,997	10,527	8,234	1,941	1,588	1,294	823
0.5 ha and Under 1 ha	21,819	28,906	8,204	8,645	8,292	7,146	1,676	882	1,559	1,264
1 ha and Under 2 ha	8,498	10,821	2,852	2,970	3,323	3,440	588	412	970	176
2 ha and Under 3 ha	676	1,000	206	235	235	265	118	29	29	59
3 ha and Under 4 ha	147	118	29	29	59				59	29
4 ha and Under 5 ha	147	176	59		59	59			29	59
5 ha and Under 10 ha	88	118	29	59	29		29	29		
10 ha and over										
Total	78,307	105,420	33,111	33,611	26,730	22,936	5,028	3,205	4,352	2,617

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

					Level of	education				
Total area of holding	Bachelo	or's level	Master	's level	Profession	nal Degree	Literate (non-fo	rmal education)	Illiterate	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land								88	59	118
Holding with land	1,235	382	323	206		88	2,529	12,409	4,940	29,759
Under 0.1 ha	59			59			294	1,088	1,000	3,676
0.1 ha and Under 0.2 ha	88					29	441	1,588	735	4,323
0.2 ha and Under 0.5 ha	323	29	88			29	1,029	4,470	2,029	12,203
0.5 ha and Under 1 ha	559	118	147	118		29	500	3,499	882	7,204
1 ha and Under 2 ha	206	206	59				235	1,500	265	2,117
2 ha and Under 3 ha		29	29	29			29	176	29	176
3 ha and Under 4 ha								29		29
4 ha and Under 5 ha								29		29
5 ha and Under 10 ha								29		
10 ha and over										
Total	1,235	382	323	206		88	2,529	12,497	4,999	29,876

Table 31. Occupational distribution of holder

								Main oc	cupation					
Total area of hoding	Total		Armed forces		Mana	Managers		Professionals		ians and ciate	Clerical support workers		Service and sales workers	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	235	118							29					
Holding with land	38,845	5,881	235		59		353		441		470		1,559	59
Under 0.1 ha	4,029	559	29		29		88						88	
0.1 ha and Under 0.2 ha	5,264	1,000	29				29		88		29		118	
0.2 ha and Under 0.5 ha	15,938	2,441	88		29		59		235		118		912	59
0.5 ha and Under 1 ha	9,763	1,411	59				118		118		147		294	
1 ha and Under 2 ha	3,470	382	29								176		118	
2 ha and Under 3 ha	294						29						29	
3 ha and Under 4 ha		59												
4 ha and Under 5 ha	59						29							
5 ha and Under 10 ha	29	29												
10 ha and over														
Total	39,080	5,999	235		59		353		470		470		1,559	59

Table 31. Occupational distribution of holder (Continued)

							Main oc	cupation						
Total area of holding	forestry and fishery		Craft and related trade workers		operators and		elementary		Household chores		Student		Not working	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	176	59							29	59				
Holding with land	28,230	3,793	941	29			1,706	88	3,911	1,794	735	88	206	29
Under 0.1 ha	3,293	353	147				118		176	176	59	29		
0.1 ha and Under 0.2 ha	3,970	647	59				323	29	412	323	118		88	
0.2 ha and Under 0.5 ha	11,145	1,647	441				882	59	1,706	618	235	29	88	29
0.5 ha and Under 1 ha	7,204	853	88	29			323		1,264	500	118	29	29	
1 ha and Under 2 ha	2,499	265	176				59		235	118	176			
2 ha and Under 3 ha	118		29						59		29			
3 ha and Under 4 ha										59				
4 ha and Under 5 ha									29					
5 ha and Under 10 ha		29							29					
10 ha and over														
Total	28,406	3,852	941	29			1,706	88	3,940	1,853	735	88	206	29

Table 32. Occupational distribution of farm population other than holder

	_							Main oc	cupation					
Total area of hoding	То	tal	Armed forces		Mana	Managers		Professionals		ians and ciate	Clerical support workers		Service and sales workers	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	323	382	29											
Holding with land	59,223	87,188	1,529	206	206	470	118	118	500	235	441	59	1,147	353
Under 0.1 ha	4,352	7,351	59	29		29			29	29			147	59
0.1 ha and Under 0.2 ha	6,322	11,351	59		29	29		29	29				59	
0.2 ha and Under 0.5 ha	23,495	33,758	470	88	118	176	118	88	147	118	118		412	88
0.5 ha and Under 1 ha	17,526	24,024	529	59	59	176			206	88	235	29	412	176
1 ha and Under 2 ha	6,763	9,439	353	29		59			88		88	29	88	29
2 ha and Under 3 ha	470	882	29											
3 ha and Under 4 ha	147	118	29										29	
4 ha and Under 5 ha	88	176												
5 ha and Under 10 ha	59	88												
10 ha and over														
Total	59,547	87,570	1,559	206	206	470	118	118	500	235	441	59	1,147	353

Table 32. Occupational distribution of farm population other than holder (Continued)

		Main occupation												
Total area of holding	Skilled agriculture, forestry and fishery worker			Craft and related trade workers		Plants and machine operators and assemblers		Unskilled worker at elementary occupation		ld chores	Student		Not working	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Holding without land	88	59	29							235	176	88		
Holding with land	12,145	19,496	618	88	176		1,088	323	3,470	32,552	37,169	32,699	618	588
Under 0.1 ha	1,411	1,529					88		176	3,705	2,352	1,941	88	29
0.1 ha and Under 0.2 ha	2,000	2,764					118		118	4,234	3,911	4,176		118
0.2 ha and Under 0.5 ha	4,499	7,263	382	59	59		676	176	1,353	13,350	14,791	12,056	353	294
0.5 ha and Under 1 ha	3,117	5,205	176	29	59		176	147	941	8,322	11,468	9,763	147	29
1 ha and Under 2 ha	1,000	2,470	59		59		29		823	2,676	4,146	4,117	29	29
2 ha and Under 3 ha	59	206							29	176	353	470		29
3 ha and Under 4 ha									29	29	59	59		29
4 ha and Under 5 ha		29								29	88	88		29
5 ha and Under 10 ha	59	29								29		29		
10 ha and over														
Total	12,233	19,555	647	88	176		1,088	323	3,470	32,787	37,345	32,787	618	588

## **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 <u>FAO Statistical Development Series 11 – A system of integrated agricultural censuses and surveys; Volume 1, World Programme for the Census of Agriculture 2010.</u> The guidelines provide detailed recommendations to countries on topics to be covered, statistical concepts and definitions, classifications and output.

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

#### 2. DEFINITIONS OF TERMS USED

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

#### 3. QUALITY CONTROL

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

#### 4. INTERPRETATION OF DATA

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

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

#### 5. DISSEMINATION OF CENSUS DATA

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

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

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