

Bhutan – Agricultural Census 2019– Main results

Holdings and area, by legal status		
	Holdings	Area (ha)
Total	66 587	101 428
Household	66 070	99 922
Juridical	517	1 506
<i>Private Limited Company</i>	25	69
<i>Groups/Co-operative</i>	105	352
<i>Monastery</i>	92	268
<i>Others</i>	295	817

Distribution of holdings by land size classes		
	Holdings	Area (ha)
Total area of holding	66 587	101 428
Holdings without land	365	
Holdings with land	66 222	101 428
Less than 1 ha	29 286	15 606
1–1.99 ha	19 524	27 734
2–4.99 ha	15 227	43 193
5–9.99 ha	2 087	13 372
10–19.99 ha	81	901
20–49.99 ha	14	429
50–99 ha	3	195

Land use		
	Holdings	Area (ha)
Total	66 587	101 428
Land use for agriculture	63 907	99 711
Agricultural land	63 562	96 653
Arable land	62 300	83 120
<i>land under temporary crops</i>	60 051	54 102
<i>land under temporary meadows and pastures</i>	9 429	2 258
<i>land temporarily follow</i>	30 386	26 759
Land under permanent crops	29 144	11 426
Permanent meadows and pastures	7 346	2 107
Land under farm buildings and farmyards	50 274	3 058
Forest and other wooded land	3 841	1 716

Holdings in the household sector, by main purpose of production		
	Holdings	Area (ha) ¹
Total, of which producing mainly for:	66 070	99 922
Only for own consumption	24 188	32 306
Mainly for own consumption with some sales	35 210	56 082
Mainly for sale with some own consumption	6 114	9 049
Only for sale	558	748

¹ Disaggregation excludes 1737 hectares of paddy area for households not classified by main purpose of production.

Members of holder's household, by sex		Number ²
Total		227 138
Male	118 465	
Female	107 673	

² Disaggregation excludes 1,000 household members for which sex was not recorded.

Holdings by household size		Number ³
Total		66 070
1 person	5 555	
2–3 persons	33 248	
4–5 persons	19 137	
6–9 persons	7 613	
10 persons and over	511	

³ Disaggregation excludes 6 holdings for which household size was missing

Hired managers and total employees working on the holding		Number
Total hired managers, of which in holdings operated by:		455
Male	382	
Female	73	
Individuals	407	
Male	342	
Female	65	
Juridical persons	48	
Male	40	
Female	8	
Total employees, of which in holdings operated by:	859 498	
Male	307 479	
Female	552 019	
Individuals	855 554	
Male	306 060	
Female	549 494	
Juridical persons	3 944	
Male	1 419	
Female	2 525	

Livestock system		
	Holdings	Head
Total	66 587	
Holdings without livestock	9 490	n.a.
Holdings with livestock	57 097	n.a.
Grazing system ⁴	34 251	n.a.
Mixed system ⁴	15 548	n.a.
Industrial system ⁴	1 445	n.a.

⁴ Only holdings with large bovine animals, such as cattle, buffaloes, yaks, zoms, etc.

Livestock, by type

Land actually irrigated: fully and partially controlled irrigation		
	Holdings	Area (ha)
Total	66 587	101 428
Holdings without irrigated land	34 564	86 243
Holdings with land irrigated	32 023	15 185

Main method of irrigation		
	Holdings	Area irrigated (ha)
Total	32 023	15184.00
Surface	28 547	14 155
Sprinkler	2 722	898
Localized irrigation	754	131

Main source of irrigation water		
	Holdings	Area irrigated (ha)
Total	32 023	15 184
Surface water	26 987	14 051
Groundwater	298	100
Mixed surface water and groundwater	1 035	448
Municipal water supply	3 703	585

Machinery and equipment used on the holding		
	Holdings	Units
Total tractors of all kind	2 249	n.a.
Power tiller	13 032	n.a.
Combine harvesters	197	n.a.
Other machine-powered (to be specified)		n.a.
Milling machine	11 581	n.a.
Chainsaw	11 143	n.a.
Cornflake machine	1 932	n.a.
Power thresher	1 357	n.a.
Power cream separator	932	n.a.

Fertilizer, by type		Holdings
Total		66 587
No use of fertilizers		n.a.
Use of fertilizers:		n.a.
Manure		63 155

Temporary crops harvested		
	Holdings	Area (ha)
Total	n.a.	n.a.
Cereals	55 564	n.a.
Irrigated Paddy	25 084	14 840
Upland Paddy	1 362	242
Maize	42 383	14 907
Wheat	5 415	1 141
Barley	3 524	694
Millet	8 026	1 117
Buckwheat	10 315	1 880
Amaranthus	328	25
Quinoa	547	46
Vegetables and melons	n.a.	n.a.
Cabbage	23 987	725
Cauliflower	14 516	405
Mushrooms	818	n.a.
Asparagus	1 410	62
Broccoli	13 617	316
Spinach and sag	37 228	720
Onion (incl. shallots)	10 151	159
Turmeric	1 037	20
Garlic	16 794	354
Corriander	9 365	112
Eggplant	6 076	98
Okra	506	32
Tomatoes	7 800	133
Cucumber	16 371	227
Pumpkins, squash and gourds	20 640	399
Carrots	5 364	168
Radish	30 863	665
Turnip	5 659	580
Watermelon	242	7
Oilseed crops	n.a.	n.a.
Mustard	3 657	447
Soya bean	3 145	152
Groundnut	2 060	108
Root/tuber crops	n.a.	n.a.
Potatoes	34 318	4 504
Sweet potatoes	788	26
Cassava	4 093	158
Yams	2 041	44
Taro	1 899	57
Leguminous crops	n.a.	n.a.
Beans	28 272	1 385
Lentils	3 077	250
Broad beans	1 510	67
Peas	6 889	260
Cowpeas	394	21
Chickpeas	94	7
Sugar crops	n.a.	n.a.
Sugar cane	3 154	799
Stimulant, spice and aromatic crops	n.a.	n.a.

	Holdings	Head
Total holdings with livestock	57 097	
Large ruminants	51 244	n.a.
Cattle	50 277	309 570
Buffaloes	141	464
Other bovine animals	1 085	43 162
Small ruminants	n.a.	n.a.
Sheep	1 758	11 756
Goats	9 650	50 266
Pigs/swine	3 531	11 263
Equines	4 966	15 494
Horses	4 716	12 443
Mules and hinnies	877	2 947
Asses	70	104
Poultry	n.a.	n.a.
Chicken	23 063	924 780
Local hen	18 136	140 357
Layer	6 233	562 924
Broiler	381	221 499
Duck	217	525
Turkey	59	1 668
Guinea fowl	13	188
Goose	6	13
Insects		
Bees (hives)	7 338	16 408

Chilli	34 524	1 631
Ginger	11 487	354
Other temporary crops	n.a.	n.a.

Permanent crops		
	Holdings	Area (ha)
Total	n.a.	n.a.
Orchards	n.a.	n.a.
Tropical and subtropical fruits	n.a.	n.a.
Pineapple	4 723	470
Mango	13 335	787
Guava	13 215	277
Avocados	7 317	536
Litchi	7 959	433
Jackfruit	3 985	51
Banana	19 894	210
Papaya	3 589	4
Citrus fruits	n.a.	n.a.
Mandarin	22 158	3 652
Lemmos and lime	3 087	30
Berries	n.a.	n.a.
Kiwi fruits	296	27
Pome fruits and stone fruits	n.a.	n.a.
Apple	5 533	1 049
Pears	11 974	195
Peach	16 115	170
Plum	7 932	66
Apricots	581	13
Persimmon	2 582	30
Date plum	732	4
Pomogranate	4 296	47
Nuts	n.a.	n.a.
Walnut	5 763	151
Hazelnut	3 828	3 819
Areca nuts	10 368	2 041
Oilseed crops	n.a.	n.a.
Stimulant, spice and aromatic crops	n.a.	n.a.
Cardamoms	23 157	8 658
Coffee	1 449	50
Tea	314	3
Other permanent crops	n.a.	n.a.
Dragon fruit	130	1
Tree tomato (Tamarillo)	9 303	117
Vineyards (grapes)	n.a.	n.a.