

Table 5.1: Agriculture Land Holdings by Type (2020-2024)

(Hectares)

Land holding	2020	2021	2022	2023	2024
Wet land	10340.3	10340.3	11828.0852	1390.47	...
Dry land	1022.1	1022.1	1390.4728	11828.1	...
Orchard	905.9	905.9	910.97	910.97	...
Total area	12268.3	12268.3	28983	14129.5	...

Source: RNR / Dzongkhag Agriculture Sector

Table 5.2: Agriculture Infrastructures and Other Facilities, (2020-2024)

(Number)

Details	2020	2021	2022	2023	2024
RNR centres	10	10	10	11	...
Agriculture Extension Centres	10	10	10	11	...
Livestock Extension Centres	10	10	10	11	...
Poultry firms	54	85	64	65	...
Fishery firms	97	86	67	64	...
Piggery firms	32	63	35	47	...
Functional Irrigation channels	120	120	68	...	...
Non-Functional Irrigation channels	21	21	13	...	...
Total length of channels (km)	213.27	213.27	175.3	...	...
Area covered by irrigation (acres)	2449.03	2449.03	3204.89	...	...
Number of households benefitted by irrigation	1806		1920	...	...
Number of food processing units	1	1	0	...	...
Number of agriculture mills ¹	172	172	387	...	...
Number of livestock product processing units	1	0	4	5	...
Number of power tillers	81	81	94	...	...

¹ Including traditional mills

Source: Dzongkhag Agriculture Statistics

Table 5.3: Cultivated Area, Production and Yield of Major Crops, (2020-2024)

Crop/Productions		2020	2021	2022	2023	2024
Wheat	Area (Acres)	37.33	14.64	7.64	12.26	...
	Production (Kg)	19,690.00	6650	3,290.00	5,100.00	...
	Yield (Kg/Acre)	527.46	454.23	430.628	415.986	...
Barley	Area (Acres)	106.74	53.97	31.14	38.51	...
	Production (Kg)	69,090.00	29430	10,540.00	11,540.00	...
	Yield (Kg/Acre)	647.27	545.30	338.471	299.662	...
Paddy	Area (Acres)	1,638.49	1395.7	1,233.89	1,383.40	...
	Production (Kg)	2,634,730.0	2143260.0	1,909,060.00	1,692,610.00	...
	Yield (Kg/Acre)	1,608.02	1535.62	1,547.19	1,223.51	...
Maize	Area (Acres)	2,448.82	2138.03	1,693.08	1,527.03	...
	Production (Kg)	3,140,790.00	2750260	2,089,860.00	1,895,900.00	...
	Yield (Kg/Acre)	1,282.57	1286.35	1,234.35	1,241.56	...
Buckwheat	Area (Acres)	604.84	614.54	353.5	351.26	...
	Production (Kg)	323,630.00	334530	125,700.00	325,130.00	...
	Yield (Kg/Acre)	535.07	544.36	355.587	925.611	...
Millet	Area (Acres)	60.47	78.44	58.01	53.47	...
	Production (Kg)	31,560.00	34630	21,910.00	20,240.00	...
	Yield (Kg/Acre)	521.91	441.48	377.694	378.53	...

Source: Integrated Agriculture and Livestock Census

Table 5.4: Name of Farmers Group, Associations and Cooperatives Registered with DAMC

Farmers' Group/Associations/Cooperatives	Number	Year Registered	Remarks
Momring Tsehey Dhuetsen	1	2020	
Lauri Tshesey Dhuetsen	1	2020	
Sezor Tshesey Dhuetsen	1	2020	
Jampani Vegetable group	1	2020	
Jangsawo LUC youth group	1	2020	
Agoorthang Rangzhin sonam yangphel detshen	1	2020	
Wooling Rangzhin Sanam Detshen	1	2020	
Denphu Sanam Lajung Detshen	1	2020	
Deptsang Tshesay Detshen	1	2020	
Rekhey Rangzhin Sanam Detshen	1	2020	

Source: Bhutan RNR Statistics , MoAF

Table 5.5: Farmers Training Provided by RNR Sectors and DAMC, (2020-2024)

Sectors/sex	2020	2021	2022	2023	2024
Agriculture					
Male	128	0	...	...	...
Female	75	0	...	...	...
Total	203	0	...	...	...
Forestry					
Male	94	N.A	...	...	...
Female	96	N.A	...	...	...
Total	190	N.A	...	...	...
Livestock					
Male	227	19	41	...	...
Female	92	2	49	...	...
Total	319	21	...	...	...
DAMC					
Male	19	0	...	...	...
Female	9	0	...	...	...
Total	28	0	...	...	...

Source: Bhutan RNR Statistics, MoAF

Table 5.6: Cereal Crops Cultivated Area & Production, (2020-2024)

Major crops	2020		2021		2022		2023		2024	
	Total cereal cultivated area (acres)	Total cereal production (in mt. tons)	Total cereal cultivated area (acres)	Total cereal production (in mt. tons)	Total cereal cultivated area (acres)	Total cereal production (in mt. tons)	Total cereal cultivated area (acres)	Total cereal production (in mt. tons)	Total cereal cultivated area (acres)	Total cereal production (in mt. tons)
Paddy	1,638.49	2634.73	1395.7	2143.26	23,995.50	41,049.12	1,383.40	1,692.61	...	...
Maize	2,884.82	3140.79	2138.03	2750.26	21,919.71	25,981.09	1,527.03	1,895.90	...	...
Wheat	37.33	19.69	14.64	6.65	1,973.71	769.78	12.26	5.1	...	...
Barley	106.74	69.09	53.97	29.43	1,456.89	614.93	38.51	11.54	...	...
Buckwheat	106.37	69.06	614.54	334.53	3,069.89	1,133.11	351.26	122.38	...	...
Millets	60.47	31.56	78.44	34.63	1,430.08	601.51	53.47	20.24	...	...

Source: Integrated Agriculture and Livestock Census

Table 5.7: Livestock Population by Types, (2020-2024)

(Number)

Types	2020	2021	2022	2023	2024
Cattle	14733	15656	12910	11537	...
Yak	17	6	8	2	...
Buffalo	1	6	-	0	...
Zo/Zom	11	18	79	31	...
Equine	262	126	97	97	...
Pig	283	256	591	325	...
Poultry	57123	49369	30188	21091	...
Sheep	30	89	90	68	...
Goat	1702	1294	1307	1382	...
Cat	1722	1561	...	...	...
Dog	972	1013	...	...	...

Source:Dzongkhag Livestock Sector

Table 5.8: Livestock Productions, (2020-2024)

(Kg.)

Livestock products	2020	2021	2022	2023	2024
Fresh Milk (liters)	3,966,384	3376530	2281.27	2,223,518	...
Butter	86,290	78020	56.49	58,841	...
Cheese	151,993	140530	128.25	74,199	...
Dried Cheese (Chugu)	0	0	-	0	...
Eggs (dozen)	8,098,826	5408949	2,303,859	154,772	...
Fish	33,896	6690	5.23	8,911	...
Beef	66,738	75350	143.94	102,515	...
Pork	20,421	32370	10.82	32,761	...
Yak Meat	1,500	0	-	220	...
Mutton	10,387	410	0.17	189	...
Chicken	133,626	62900	29.28	51,135	...
Honey (liters)	1,311	770	0.75	864	...
Wool	0	0	0.03	6	...

Source: Dzongkhag Livestock Sector

Table 5.9: Number of Major Fruits and Nuts production, (2020-2024)

Major fruits/Productions		2020	2021	2022	2023	2024
Apple	Total Trees	1,996.90	1,285	977	887	...
	Bearing Trees	436.85	23	182	168	...
	Production (MT)	9.16	0.16	0.58	2490	...
	Yield (Kg/Bearing Tree)	20.97	7.14	3.186813187	14.82	...
Mandarin	Total Trees	209,679.12	207,600	203,622	226,359	...
	Bearing Trees	100,554.51	105,643	94,402	111,688	...
	Production (MT)	3,304.18	2,377.96	2,638.00	2,653,670.00	...
	Yield (Kg/Bearing Tree)	32.86	22.51	27.94432321	23.76	...
Mango	Total Trees	8,496.29	8,945	11,170	13,347	...
	Bearing Trees	2,595.77	3,134	2,670	3,665	...
	Production (MT)	44.39	41.40	28	37990	...
	Yield (Kg/Bearing Tree)	17.10	13.21	10.48689139	10.366	...
Peach	Total Trees	2,472.07	2,137	1,260	2,292	...
	Bearing Trees	2,011.88	1,645	909	1,515	...
	Production (MT)	65.69	41.41	20.91	29670	...
	Yield (Kg/Bearing Tree)	32.65	25.17	23.00330033	19.584	...
Pear	Total Trees	2,485.98	2,185	1,401	1,525	...
	Bearing Trees	1,668.23	1,427	762	990	...
	Production (MT)	91.41	49.27	34.15	57980	...
	Yield (Kg/Bearing Tree)	54.79	34.54	44.81627297	58.566	...
	Total Trees	808.89	859	632	867	...

Plum	Bearing Trees	629.77	700	468	630	...
	Production (MT)	22.72	20.06	19.84	26270	...
	Yield (Kg/Bearing Tree)	36.08	28.64	42.39316239	41.698	...
Arecanut	Total Trees	246,039.55	366,223	253,328	331,850	...
	Bearing Trees	100,897.69	99,901	66,257	82,680	...
	Production (MT)	1,861.54	1,604.64	688.74	758750	...
	Yield (Kg/Bearing Tree)	18.45	16.06	10.39497713	9.177	...
Walnut	Total Trees	3,877.93	2,543	1,453	2,893	...
	Bearing Trees	282.71	454	168	227	...
	Production (MT)	7.69	9.23	2.55	4300	...
	Yield (Kg/Bearing Tree)	27.21	20.35	15.17857143	18.943	...
Banana	Total Trees	40,396.44	46,220	27,290	37,654	...
	Bearing Trees	14,582.66	10,211	6,614	8,355	...
	Production (MT)	177.07	164.58	87.01	111090	...
	Yield (Kg/Bearing Tree)	490.50	16.12	13.15542788	13.296	...
Persimmon	Total Trees	141.54	186	302	423	...
	Bearing Trees	61.61	105	80	97	...
	Production (MT)	0.58	2.01	1.24	1100	...
	Yield (Kg/Bearing Tree)	9.48	19.13	15.5	11.34	...

Source: Integrated Agriculture and Livestock Census Report

Table 5.10: Major Spices & Oilseeds production, (2020-2024)

Productions		2020	2021	2022	2023	2024
Cardamom	Area (acres)	299.95	374.38	362.13	296.85	
	Production (MT)	37.12	47.56	41.5	26.52	
	Yield (Kg/acre)	123.76	127.04	114.600	89.338	
Ginger	Area (acres)	945.78	910.45	1,640	329.88	
	Production (MT)	2,528.60	2188.6	952.43	636.65	
	Yield (Kg/acre)	2,673.57	2403.87	580.75	1,929.94	
Garlic	Area (acres)	32.60	30.72	311.19	22.79	
	Production (MT)	22.76	22.49	297.13	17.74	
	Yield (Kg/acre)	698.17	732.10	954.819	778.412	
Onion	Area (acres)	18.16	22.38	14.65	11.8	
	Production (MT)	12.08	17.9	10.99	10.34	
	Yield (Kg/acre)	665.20	799.82	750.171	876.271	
Potato	Area (acres)	471.65	282.51	238.14	294.57	
	Production (MT)	1,039.73	684.11	322.19	559.86	
	Yield (Kg/acre)	2,204.45	2421.54	1352.944	1,900.60	
Chili	Area (acres)	118.07	155.69	188.18	123.15	
	Production (MT)	126.17	170	142.06	103.32	
	Yield (Kg/acre)	1,068.54	1091.91	754.916	838.98	
Cabbage	Area (acres)	96.58	45.85	70.34	63.04	
	Production (MT)	144.67	100.12	74.5	83.81	
	Yield (Kg/acre)	1,497.99	2183.6	1059.141	1,329.47	
	Area (acres)	54.42	27.01	49.43	44.91	

Cauliflower	Production (MT)	72.07	39.8	46.41	54.09	
	Yield (Kg/acre)	1,324.40	1473.53	938.903	1,204.41	
Green Leaves	Area (acres)					
	Production (MT)	255.83	163.20	77.13	182.64	
	Yield (Kg/acre)					
	Area (acres)	123.05	86.60	99.62	76.84	
Raddish	Production (MT)	196.44	152.14	123.84	150.7	
	Yield (Kg/acre)	1,596.47	1756.81	1243.124	1,961.22	
	Area (acres)	33.27	51.34	24.48	35.39	
	Production (MT)	118.47	89.67	62.69	97.44	
Cucumber	Yield (Kg/acre)	3,561.01	1746.59	2560.866	2,753.32	
	Area (acres)					
Pumkin	Production (MT)	392.40	377.8	4528.13	439.25	
	Yield (Kg/acre)					
	Area (acres)	168.74	100.03	121.65	112.76	
	Production (MT)	170.76	134.42	116.64	128.69	
Beans	Yield (Kg/acre)	1,012.00	1343.80	958.816	1,141.27	
	Area (acres)	93.60	45.06	36.32	51.15	
Mustard	Production (MT)	37.51	15.65	7.57	10.84	
	Yield (Kg/acre)	400.71	347.31	208.425	211.926	
	Area (acres)	40.98	24.71	4.26	41.74	
	Production (MT)	11.46	8.14	4.37	14.01	
Soyabean	Yield (Kg/acre)	279.64	329.42	1025.822	335.649	

Source: Integrated Agriculture and Livestock Census (IALC)