

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	
Denchi Tshesey Detshen	1	2019	
Bazor Tshesey Detshen	1	2019	
Sangshingzor Tshesey Detshen	1	2019	
Samdrup Jongkhar Khazey Tshogpa	1	2019	
Menchari Agriculture Group	1	2019	

Source: Bhutan RNR Statistics , MoAF

Table 5.5: Farmers Training Provided by RNR Sectors and DAMC, (2019-2023)

Sectors/sex	2019	2020	2021	2022	2023
Agriculture					
Male	525	128	0	...	...
Female	310	75	0	...	...
Total	835	203	0	...	...
Forestry					
Male	246	94	N.A	...	...
Female	116	96	N.A	...	...
Total	362	190	N.A	...	...
Livestock					
Male	75	227	19	41	...
Female	168	92	2	49	...
Total	243	319	21	...	...
DAMC					
Male	N.A	19	0	...	...
Female	N.A	9	0	...	...
Total	N.A	28	0	...	...

Source: Bhutan RNR Statistics, MoAF

Table 5.6: Cereal Crops Cultivated Area & Production, (2019-2023)

Major crops	2019		2020		2021		2022		2023	
	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	2428.48	3923.78	1,638.49	2634.73	1395.7	2143.26	23,995.50	41,049.12	1,383.40	1,692.61
Maize	5592.77	7758.65	2,884.82	3140.79	2138.03	2750.26	21,919.71	25,981.09	1,527.03	1,895.90
Wheat	41	65	37.33	19.69	14.64	6.65	1,973.71	769.78	12.26	5.1
Barley	22	36	106.74	69.09	53.97	29.43	1,456.89	614.93	38.51	11.54
Buckwheat	169	96	106.37	69.06	614.54	334.53	3,069.89	1,133.11	351.26	122.38
Millets	105.5	99	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, (2019-2023)

(Number)

Types	2019	2020	2021	2022	2023
Cattle	12975	14733	15656	12910	11537
Yak	2	17	6	8	2
Buffalo	4	1	6	-	0
Zo/Zom	14	11	18	79	31
Equine	397	262	126	97	97
Pig	305	283	256	591	325
Poultry	30510	57123	49369	30188	21091
Sheep	68	30	89	90	68
Goat	1844	1702	1294	1307	1382
Cat	1975	1722	1561	...	...
Dog	1147	972	1013	...	...

Source:Dzongkhag Livestock Sector

Table 5.8: Livestock Productions, (2019-2023)

(Kg.)

Livestock products	2019	2020	2021	2022	2023
Fresh Milk (liters)	4,229,000	3,966,384	3376530	2281.27	2,223,518
Butter	108,000	86,290	78020	56.49	58,841
Cheese	313,000	151,993	140530	128.25	74,199
Dried Cheese (Chugu)	0	0	0	-	0
Eggs (dozen)	793,943	8,098,826	5408949	2,303,859	154,772
Fish	60,000	33,896	6690	5.23	8,911
Beef	32,000	66,738	75350	143.94	102,515
Pork	42,000	20,421	32370	10.82	32,761
Yak Meat	0	1,500	0	-	220
Mutton	10,000	10,387	410	0.17	189
Chicken	67,000	133,626	62900	29.28	51,135
Honey (liters)	1,800	1,311	770	0.75	864
Wool	0	0	0	0.03	6

Source: Dzongkhag Livestock Sector

Table 5.9: Number of Major Fruits and Nuts production, (2019-2023)

Major fruits/Productions		2019	2020	2021	2022	2023
Apple	Total Trees	1,764.00	1,996.90	1,285	977	887
	Bearing Trees	11.00	436.85	23	182	168
	Production (MT)	0.03	9.16	0.16	0.58	2490
	Yield (Kg/Bearing Tree)	2.95	20.97	7.14	3.186813187	14.82
Mandarin	Total Trees	302,181.00	209,679.12	207,600	203,622	226,359
	Bearing Trees	143,539.00	100,554.51	105,643	94,402	111,688
	Production (MT)	5,497.31	3,304.18	2,377.96	2,638.00	2,653,670.00
	Yield (Kg/Bearing Tree)	38.30	32.86	22.51	27.94432321	23.76
Mango	Total Trees	10,648.00	8,496.29	8,945	11,170	13,347
	Bearing Trees	1,724.00	2,595.77	3,134	2,670	3,665
	Production (MT)	38.44	44.39	41.40	28	37990
	Yield (Kg/Bearing Tree)	22.30	17.10	13.21	10.48689139	10.366
Peach	Total Trees	3,403.00	2,472.07	2,137	1,260	2,292
	Bearing Trees	2,643.00	2,011.88	1,645	909	1,515
	Production (MT)	107.10	65.69	41.41	20.91	29670
	Yield (Kg/Bearing Tree)	40.52	32.65	25.17	23.00330033	19.584
Pear	Total Trees	2,788.00	2,485.98	2,185	1,401	1,525
	Bearing Trees	1,107.00	1,668.23	1,427	762	990
	Production (MT)	75.53	91.41	49.27	34.15	57980
	Yield (Kg/Bearing Tree)	68.23	54.79	34.54	44.81627297	58.566
	Total Trees	1,004.00	808.89	859	632	867

Plum	Bearing Trees	682.00	629.77	700	468	630
	Production (MT)	34.71	22.72	20.06	19.84	26270
	Yield (Kg/Bearing Tree)	50.89	36.08	28.64	42.39316239	41.698
Arecanut	Total Trees	257,383.00	246,039.55	366,223	253,328	331,850
	Bearing Trees	100,254.00	100,897.69	99,901	66,257	82,680
	Production (MT)	1,491.83	1,861.54	1,604.64	688.74	758750
	Yield (Kg/Bearing Tree)	14.88	18.45	16.06	10.39497713	9.177
Walnut	Total Trees	1,341.00	3,877.93	2,543	1,453	2,893
	Bearing Trees	243.00	282.71	454	168	227
	Production (MT)	6.95	7.69	9.23	2.55	4300
	Yield (Kg/Bearing Tree)	28.58	27.21	20.35	15.17857143	18.943
Banana	Total Trees	61,432.00	40,396.44	46,220	27,290	37,654
	Bearing Trees	18,128.00	14,582.66	10,211	6,614	8,355
	Production (MT)	229.56	177.07	164.58	87.01	111090
	Yield (Kg/Bearing Tree)	12.66	490.50	16.12	13.15542788	13.296
Persimmon	Total Trees	95.00	141.54	186	302	423
	Bearing Trees	38.00	61.61	105	80	97
	Production (MT)	0.42	0.58	2.01	1.24	1100
	Yield (Kg/Bearing Tree)	11.06	9.48	19.13	15.5	11.34

Source: Integrated Agriculture and Livestock Census Report

Table 5.10: Major Spices & Oilseeds production, (2019-2023)

Productions		2019	2020	2021	2022	2023
Cardamom	Area (acres)	444.85	299.95	374.38	362.13	296.85
	Production (MT)	45.60	37.12	47.56	41.5	26.52
	Yield (Kg/acre)	102.50	123.76	127.04	114.600	89.338
Ginger	Area (acres)	732.76	945.78	910.45	1,640	329.88
	Production (MT)	2,310.77	2,528.60	2188.6	952.43	636.65
	Yield (Kg/acre)	3,153.52	2,673.57	2403.87	580.75	1,929.94
Garlic	Area (acres)	40.23	32.60	30.72	311.19	22.79
	Production (MT)	35.55	22.76	22.49	297.13	17.74
	Yield (Kg/acre)	883.70	698.17	732.10	954.819	778.412
Onion	Area (acres)	6.75	18.16	22.38	14.65	11.8
	Production (MT)	7.49	12.08	17.9	10.99	10.34
	Yield (Kg/acre)	1,109.87	665.20	799.82	750.171	876.271
Potato	Area (acres)	510.74	471.65	282.51	238.14	294.57
	Production (MT)	1,102.89	1,039.73	684.11	322.19	559.86
	Yield (Kg/acre)	2,159.39	2,204.45	2421.54	1352.944	1,900.60
Chili	Area (acres)	125.05	118.07	155.69	188.18	123.15
	Production (MT)	186.97	126.17	170	142.06	103.32
	Yield (Kg/acre)	1,495.16	1,068.54	1091.91	754.916	838.98
Cabbage	Area (acres)	59.48	96.58	45.85	70.34	63.04
	Production (MT)	113.70	144.67	100.12	74.5	83.81
	Yield (Kg/acre)	1,911.60	1,497.99	2183.6	1059.141	1,329.47
	Area (acres)	42.74	54.42	27.01	49.43	44.91

Cauliflower	Production (MT)	61.12	72.07	39.8	46.41	54.09
	Yield (Kg/acre)	1,429.94	1,324.40	1473.53	938.903	1,204.41
Green Leaves	Area (acres)	71.91				
	Production (MT)	87.28	255.83	163.20	77.13	182.64
	Yield (Kg/acre)	1,213.73				
	Area (acres)	68.79	123.05	86.60	99.62	76.84
Raddish	Production (MT)	202.38	196.44	152.14	123.84	150.7
	Yield (Kg/acre)	2,942.07	1,596.47	1756.81	1243.124	1,961.22
	Area (acres)	2.54	33.27	51.34	24.48	35.39
	Production (MT)	123.59	118.47	89.67	62.69	97.44
Cucumber	Yield (Kg/acre)	48,658.98	3,561.01	1746.59	2560.866	2,753.32
	Area (acres)	9.29				
Pumkin	Production (MT)	305.78	392.40	377.8	4528.13	439.25
	Yield (Kg/acre)	32,914.93				
	Area (acres)	126.58	168.74	100.03	121.65	112.76
	Production (MT)	178.42	170.76	134.42	116.64	128.69
Beans	Yield (Kg/acre)	1,409.53	1,012.00	1343.80	958.816	1,141.27
	Area (acres)	157.48	93.60	45.06	36.32	51.15
Mustard	Production (MT)	71.58	37.51	15.65	7.57	10.84
	Yield (Kg/acre)	454.53	400.71	347.31	208.425	211.926
	Area (acres)	49.73	40.98	24.71	4.26	41.74
	Production (MT)	20.77	11.46	8.14	4.37	14.01
Soyabean	Yield (Kg/acre)	417.65	279.64	329.42	1025.822	335.649

Source: Integrated Agriculture and Livestock Census (IALC)

Table 5.1: Agriculture Land Holdings by Type (2019-2023)

(Hectares)

Land holding	2019	2020	2021	2022	2023
Wet land	2268.6	10340.3	10340.3	11828.0852	1390.4728
Dry land	16445.0	1022.1	1022.1	1390.4728	11828.0852
Orchard	917.8	905.9	905.9	910.97	910.97
Total area	19631.4	12268.3	12268.3	28983	14129.5

Source: RNR / Dzongkhag Agriculture Sector

Table 5.2: Agriculture Infrastructures and Other Facilities, (2019-2023)

(Number)

Details	2019	2020	2021	2022	2023
RNR centres	10	10	10	10	11
Agriculture Extension Centres	10	10	10	10	11
Livestock Extension Centres	10	10	10	10	11
Poultry firms	52	54	85	64	65
Fishery firms	104	97	86	67	64
Piggery firms	25	32	63	35	47
Functional Irrigation channels	103	120	120	68	...
Non-Functional Irrigation channels	5	21	21	13	...
Total length of channels (km)	140	213.27	213.27	175.3	...
Area covered by irrigation (acres)	2000	2449.03	2449.03	3204.89	...
Number of households benefitted by irrigation	1260	1806		1920	...
Number of food processing units	0	1	1	0	...
Number of agriculture mills ¹	238	172	172	387	...
Number of livestock product processing units	N.A	1	0	4	5
Number of power tillers	81	81	81	94	...

¹ Including traditional mills

Source: Dzongkhag Agriculture Statistics

Table 5.3: Cultivated Area, Production and Yield of Major Crops, (2019-2023)

Crop/Productions		2019	2020	2021	2022	2023
Wheat	Area (Acres)	7.92	37.33	14.64	7.64	12.26
	Production (Kg)	7,129.94	19,690.00	6650	3,290.00	5,100.00
	Yield (Kg/Acre)	900.24	527.46	454.23	430.628	415.986
Barley	Area (Acres)	85.34	106.74	53.97	31.14	38.51
	Production (Kg)	61,526.86	69,090.00	29430	10,540.00	11,540.00
	Yield (Kg/Acre)	720.96	647.27	545.30	338.471	299.662
Paddy	Area (Acres)	1,750.18	1,638.49	1395.7	1,233.89	1,383.40
	Production (Kg)	2,811,885.14	2,634,730.0	2143260.0	1,909,060.00	1,692,610.00
	Yield (Kg/Acre)	1,606.63	1,608.02	1535.62	1,547.19	1,223.51
Maize	Area (Acres)	2,951.12	2,448.82	2138.03	1,693.08	1,527.03
	Production (Kg)	4,067,897.10	3,140,790.00	2750260	2,089,860.00	1,895,900.00
	Yield (Kg/Acre)	1,378.42	1,282.57	1286.35	1,234.35	1,241.56
Buckwheat	Area (Acres)	696.98	604.84	614.54	353.5	351.26
	Production (Kg)	469,010.00	323,630.00	334530	125,700.00	325,130.00
	Yield (Kg/Acre)	672.92	535.07	544.36	355.587	925.611
Millet	Area (Acres)	79.67	60.47	78.44	58.01	53.47
	Production (Kg)	34,641.12	31,560.00	34630	21,910.00	20,240.00
	Yield (Kg/Acre)	434.81	521.91	441.48	377.694	378.53

Source: Integrated Agriculture and Livestock Census