

**Table 5.1: Agriculture Land Holdings by Type**

(Hectares)

Land holding	2010
Wet land	432.00
Dry land	5304.00
Orchard	3.00
<b>Total area</b>	<b>5739.00</b>

Source: Bhutan RNR Statistics 2012, MoAF

Table 5.2: Agriculture Infrastructures and Other Facilities, (2011-2015)

(Number)

Details	2011	2012	2013	2014	2015
RNR centres	17	17	17	17	17
Agriculture Extension Centres	17	17	17	17	17
Livestock Extension Centres	17	17	17	17	17
Poultry firms					
Fishery firms					
Piggery firms					
Functional Irrigation channels					
Non-Functional Irrigation channels					
Total length of channels (km)					
Area covered by irrigation (acres)					
Number of households benefitted by irrigation					
Number of food processing units					
Number of agriculture mills <sup>1</sup>	822	932	738	738	692
Number of livestock product processing units	3	5	5	5	
Number of power tillers	81	83	54	54	113

<sup>1</sup> Including traditional mills

Source: Dzongkhag Agriculture Statistics

Table 5.3: Cultivated Area, Production and Yield of Major Crops, (2011-2015)

Crop/Productions		2011	2012	2013	2014	2015
Wheat	Area (Acres)	20.0	133.0	429	175.0	214
	Production (Kg)	20	104	279	91	142
	Yield (Kg/Acre)	...	783	650	522	664
Barley	Area (Acres)	989.0	940.0	750	922.0	734
	Production (Kg)	596	611	439	591	509
	Yield (Kg/Acre)	...	650	586	641	694
Paddy	Area (Acres)	1703.0	2025.0	1029	920.0	880
	Production (Kg)	2328	2671	1431	1104	982
	Yield (Kg/Acre)	...	1319	1391	1,200	1116
Maize	Area (Acres)	7413.0	8481.0	8494	10277.0	9739
	Production (Kg)	9927	10420	14767	15416	16102
	Yield (Kg/Acre)	...	1229	1739	1,500	1653
Buckwheat	Area (Acres)	304.0	372.0	218	139.0	298
	Production (Kg)	186	208	96	51	206
	Yield (Kg/Acre)		560	941	368	694
Millet	Area (Acres)	38.0	28.3	53	51.0	39
	Production (Kg)	32	17.6	22	23	29
	Yield (Kg/Acre)	...	620	416	452	741

Source: Agriculture Statistics

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

Farmers' Group/Associations/Cooperatives	Number	Year Registered	Remarks
Khebishing Gonor Tshongdrel Desthen	8	2017	
Bakaphai Gonor Tshongdrel Detshen	12	2017	
Sonam Ngyemrub Gongphel Detshen	12	2017	
Samzhub Tshoesay Tshongdrel Detshen	11	2017	
Pelshub Tshoesay Tshongdrel Detshen	23	2017	
Yekhar Tshoesay Tshongdrel Detshen	12	2017	
Bazor Tsesay Detshen	13	2015	
Wengkharshing Tsesay Detshen	16	2015	
Drametse Gonor Detshen	17	2015	
Tsamang Amsui Detshen	27	2015	
Yakgang Tsoesey Chethuen Nyamrub Detshen	10	2014	
Mangling Hazey Detshen	16	2014	
Sangsho Sizako Hazey Detshen	19	2014	
Yangbari Wornangmo Hazey Detshen	11	2014	
Zangkitsawa Hazey Detshen	7	2014	
Khalong Phendeyling Hazey Detshen	23	2014	
Tsamang Gathuen Detshen	14	2012	
Sengor Norlha Chethuen Detshen	21	2012	
Thinangbee Gonor Khenphen Detshen	13	2012	
Tongseng Sonam Gongphel Detshen	15	2012	
Thinangbee Sonam Thuenrig Peldrup Detshen	9	2004	
Tshenzibee Gonor Sonam Cherub Detshen	11	2012	
Domlung Tsoesay Nasho Detshen	6	2010	
Takchu Sanam Gonor Nyamrub Detshen	27	2012	
Kedhikar Gonor Sanam Nyamdrup Detshen	14	2012	
Jaibab Zambalha Detshen	23	2012	
Jangcholing Tshoesey Gathen Namrub Detshen	10	2010	

Phangtoe Gonor Nyamrub Tshongdrel Detshen	5	2010	
Sershong Amsu Gonor Gongphel Chethuen Detshen	14	2011	
Zalaphangma Sonam Gongphel Detshen	6	2012	
Zhiten Sonam Nyamdrup Detshen	10	2004	
Ngatshang Phuensum Ja Sochong Detshen	11	2010	
Ngatshang Gonor Phuensum Chethuen Detshen	25	2012	
Pelzhup Thuenpa Phuenzhi Detshen	32	2012	
Lhakhang Tshesey Namrub Detshen	7	2012	
Redaza Gonor Chethuen Detshen	10	2011	
Karma Tsholing Tshesey Tshongdrel Detshen	8	2007	
Dongtoe Sonam Chethuen Detshen	9	2007	
Chali Jue Tshesey Thenkey Detshen	10	2012	
Jambay Amtshu Tshesey Detshen	7	2012	
Jangdung Gayza Doejung Detshen	22	2004	
Drepong Phuengu Gongphel Detshen	9	2008	
Phosorong Tshoesey Lothen Detshen	13	2011	
Wangling Meser Sonam Detshen	14	2011	

Table 5.5: Farmers' Training Provided by RNR Sectors and DAMC, (2011-2015)

Sectors/sex	2011	2012	2013	2014	2015
Agriculture					
Male	...	...			
Female	...	...			
Total	...	...			
Forestry					
Male	...	...			
Female	...	...			
Total	...	...			
Livestock					
Male	100	43			
Female	...	57			
Total	100	100			
DAMC					
Male	31	40			
Female	69	60			
Total	100	100			

Source: Bhutan RNR Statistics, MoAF

Table 5.6: Cereal Crops Cultivated Area & Production, (2012)

Major crops	Total cereal cultivated area (acres)	Total cereal production (in mt. tons)
Paddy		
Maize		
Wheat		
Barley		
Buckwheat		
Millets		

Source: Bhutan RNR Statistics 2012, MoAF

Table 5.7: Livestock Population by Types, (2011-2015)

(Number)

Types	2011	2012	2013	2014	2015	2016
Cattle	17,716	18,727	17460	25316	26366	11795
Yak	n.a	n.a	n.a	n.a	n.a	n.a
Buffalo	n.a	n.a	n.a	n.a	n.a	n.a
Zo/Zom	5,678	6,396	7041	...	...	8231
Equine	1570	2154	1727	1702	1465	1382
Pig	1399	2535	680	731	658	500
Poultry	15214	15214	25247	31048	32368	32398
Sheep	11	13	11	2	6	4
Goat	1034	87	88	67	65	48
Cat	...	...	...	...	...	...
Dog	...	...	...	...	...	...

Source:Dzongkhag Livestock Sector



Table 5.8: Livestock Productions, (2011-2016)

(Kg.)

Livestock products	2011	2012	2013	2014	2015	2016
Fresh Milk (liters)	2,428,231	2,501,770	2,952,197	2677.00	3991.38	4323.05
Butter	293,938	130,490	131,315	171453.15	185492.95	174456.00
Cheese	238,404	318,680	236,860	295231.40	332504.63	607006.00
Dried Cheese (Chugu)	...	...	...	...	...	0.00
Eggs (dozen)	1,452,111	258,796	231,097	4036142.00	4732315	5253561
Fish	...	10	47	235.00	916	3780
Beef	...	53,570	79,577	92204.00	85673.00	58964
Pork	18,875	19,640	21,603	35939.40	41097.4	38022
Yak Meat	...	...	...	...	...	0.00
Mutton	...	...	...	...	...	0.00
Chicken	...	170	128	...	449.00	0.00
Honey (liters)	...	...	...	281.00	...	0.00
Wool	...	...	...	...	...	...

Source: Dzongkhag Livestock Sector

Table 5.9: Number of Major Fruits and Nuts production, (2011-2015)

Major fruits/Productions		2011	2012	2013	2014	2015
Apple	Total Trees	1999	4382	2978	4,187	2888
	Bearing Trees	553	964	771	924	763
	Production (MT)	24	24	21	18.00	16
	Yield (Kg/Bearing Tree)	44	25	27	20.00	21
Mandarin	Total Trees	139197	150620	155172	191,370	...
	Bearing Trees	43142	44145	41399	39,797	...
	Production (MT)	2723	2127	1505	2,279	...
	Yield (Kg/Bearing Tree)	63	48	36	36	...
Mango	Total Trees	6243	3812	4800	7,211	7,343
	Bearing Trees	3448	2144	1981	3,399	3,207
	Production (MT)	110	82.65	62	156	103
	Yield (Kg/Bearing Tree)	32	39	31	46	32
Peach	Total Trees	5515	5933	5671	5,672	4,999
	Bearing Trees	3457	3652	3578	3,433	2,561
	Production (MT)	131	183.61	143	136	84
	Yield (Kg/Bearing Tree)	38	50	40	40	33
Pear	Total Trees	6399	6395	7374	7,786	6,560
	Bearing Trees	2811	3079	3599	2,465	2242
	Production (MT)	70	200.2	171	79	81
	Yield (Kg/Bearing Tree)	25	65	48	32	36
Plum	Total Trees	3111	2866	3361	2,897	2596
	Bearing Trees	1918	1748	2169	1,738	1561
	Production (MT)	96	96.15	111	81	70
	Yield (Kg/Bearing Tree)	50	55	51	46	45
Arecanut	Total Trees	3925	1276	5215	3,115	2,621
	Bearing Trees	2966	330	2189	1,174	932
	Production (MT)	38	2	9	10	13
	Yield (Kg/Bearing Tree)	13	6	4	9	14
Walnut	Total Trees	6208	5544	4288	5,979	4555
	Bearing Trees	743	1215	932	921	648

	Production (MT)	29	21.8	32	24	16
	Yield (Kg/Bearing Tree)	39	18	35	26	25
Banana	Total Trees		...	22471	30,121	25,023
	Bearing Trees	110	...	7459	8,289	3,767
	Production (MT)		37.5	59	113	56
	Yield (Kg/Bearing Tree)		...	8	14	15
Persimmon	Total Trees		491	1892	1,172	978
	Bearing Trees		229	793	275	483
	Production (MT)	110	7.7	34	8	19
	Yield (Kg/Bearing Tree)		34	42	30	40

Source: Dzongkhag Agriculture Sector

Table 5.10: Major Spices & Oilseeds production, (2011-2015)

Productions		2011	2012	2013	2014	2015
Cardamom	Area (acres)	4		21	0.8	13
	Production (MT)	0	...	3	0.06	0.4
	Yield (Kg/acre)	128		155	80	29
Ginger	Area (acres)	49	35.17	51	46	75
	Production (MT)	22	10.7	23	37	61
	Yield (Kg/acre)	456	305	449	815	817
Garlic	Area (acres)	174	175.12	331	158	221
	Production (MT)	56	88.8	142	100	110
	Yield (Kg/acre)	319	507	427	365	496
Onion	Area (acres)	73	73.47	39.9	49	22
	Production (MT)	14	21.1	40	45	17
	Yield (Kg/acre)	192	287	994	920	759
Potato	Area (acres)	1785	1638	2166	2045	1903
	Production (MT)	5423	3516	5170	4975	4870
	Yield (Kg/acre)	3039	2147	2387	2432	2559
Chili	Area (acres)	1181	679	548	467	500
	Production (MT)	546	470	829	765	650
	Yield (Kg/acre)	462	693	1511	1637	1299
Cabbage	Area (acres)	320	274	309	181	300
	Production (MT)	195	257	436	351	360
	Yield (Kg/acre)	609	940	1409	1,942	1,199
Cauliflower	Area (acres)	320	70.3	219	160	117
	Production (MT)	195	89.8	159	241	154
	Yield (Kg/acre)	609	1278	725	1505	1307
Green Leaves	Area (acres)		174.38	...	...	202
	Production (MT)	77	136.9	376.7	136	142
	Yield (Kg/acre)		785	...	...	703
Raddish	Area (acres)		363.95	502	373	363
	Production (MT)	426	589.3	604	769	473
	Yield (Kg/acre)		1619	1204	2,062	1,304
Cucumber	Area (acres)		...	...	...	...
	Production (MT)	218	181	230	265	159
	Yield (Kg/acre)		...	...	...	...

Pumkin	Area (acres)		...	...	...	...
	Production (MT)	296	348	456	400	258
	Yield (Kg/acre)		...	...	...	...
Beans	Area (acres)		270.15	372	321	324
	Production (MT)	132	207.9	340	335	284
	Yield (Kg/acre)		769	916	1041	875
Mustard	Area (acres)		3059	135	124	157
	Production (MT)	31	10	43	45	51
	Yield (Kg/acre)		343	318	363	327
Soyabean	Area (acres)		90.7	209	127	158
	Production (MT)	18	34	149	54	76
	Yield (Kg/acre)		374	713	423	477

Source: Dzongkhag Agriculture Sector