



**NATIONAL STATISTICS BUREAU
ROYAL GOVERNMENT OF BHUTAN**



SECOND QUARTERLY INTEGRATED AGRICULTURE AND LIVESTOCK SURVEY 2025

INTRODUCTION

The National Statistics Bureau (NSB) conducted the Second Quarterly Integrated Agriculture and Livestock Survey (Q2IALS) in July 2025 for the period from April - June 2025. The QIALS generates key data on crop area and production, as well as livestock output, serving as a crucial input for evidence-based policy and planning.

Sampling Methodology and Sample size

To ensure representativeness, the quarterly survey is designed to be statistically representative at both the national and Dzongkhag levels. The survey covers an estimated 69,978 agricultural holders, comprising both the household and the non-household sector. The non-household sector includes Milk Processing Units (MPUs), agro-groups, government farms / SoEs and cooperatives. However, Schools and Tshethar groups are excluded from the sampling frame.

A uni-stage stratified sampling design is applied, whereby holders are classified as small, medium, or large at the gewog level, based on production distribution from the Integrated Agriculture and Livestock Census 2025 frame. All non-household sectors, and households classified as commercial are enumerated every quarter.

The survey is designed to cover all the 205 gewogs. For Q2IALS, 10,957 holders were sampled, of which 10,665 responded, resulting in a response rate of 97.3%.

Field Data Collection

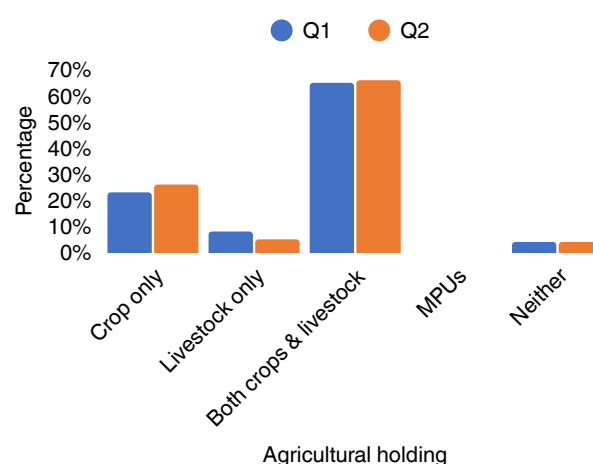
Field data collection for Q2IALS was carried out across all 20 dzongkhags in July 2025. To ensure efficient data collection, trained Tshogpas were engaged as enumerators, and in areas where they were unavailable, Tshogpa Ngotsabs were recruited, trained and supervised by the respective Dzongkhag Statistical Officers.

SURVEY FINDINGS

1. Agricultural Holders engaged in crop production and livestock production

During the second quarter of 2025, 65.6% of the total holders (households and non-households) surveyed were engaged in 'both crop production and livestock raising' activities. 25.3% holders were involved exclusively in 'crop production', while 4.6% were engaged solely in 'livestock production'. Meanwhile, about 3.5% of the total holdings reported 'no engagement' in either crop or livestock production during the quarter.

Chart 1: Proportion of agricultural holder(s) engaged in crop and livestock related activities during the 1st and 2nd Quarter 2025



2. Agricultural Holding Scale Distribution

Agricultural holdings from the IALC 2025 are categorized into different scales based on specific criteria.

Commercial Scale:

Holders are classified as commercial scale if they:

- Own more than 20 cattle, yak, zozom, buffalo, sheep, or goats
- Raise more than 50 pigs
- Keep more than 1,000 poultry
- Maintain more than 20 beehives
- Operate fish ponds with an area greater than 5 acres
- Cultivate irrigated paddy fields exceeding 5 acres.

Additionally, MPUs, groups, and cooperatives are also categorized as commercial scale.

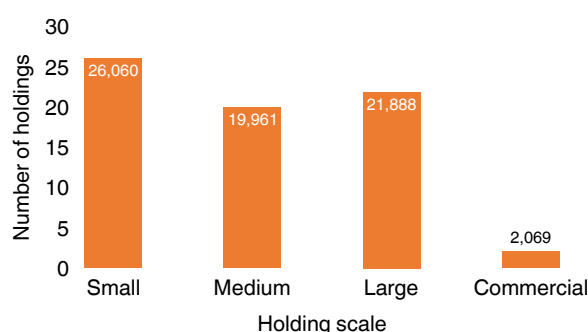
For further classification, commercial-scale holdings were excluded from the frame. The remaining holdings were ranked according to their Tropical Livestock Unit (TLU) and total cultivated area. Based on percentile distribution, they were further classified as:

Small scale: Below the 50th percentile

Medium scale: 50th to 75th percentile

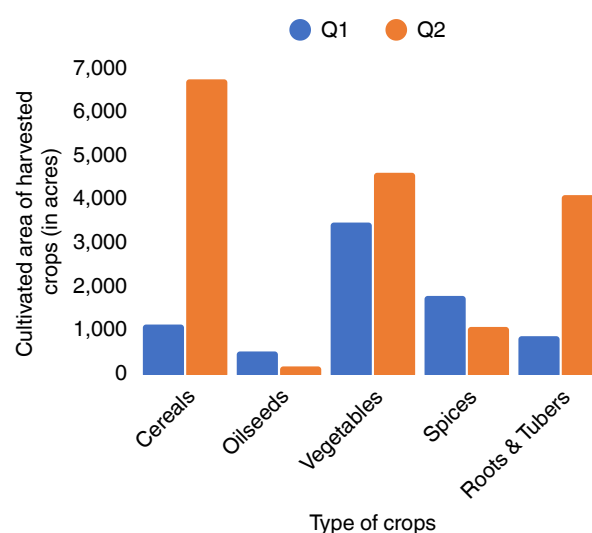
Large scale: 75th to 100th percentile

Chart 2: Total agricultural holding distribution by category, 1st and 2nd Quarter 2025



3. Cultivated Areas by broad category of harvested crops during the 1st and 2nd Quarter 2025

Chart 3: Total cultivated area by broad category of harvested crops, 1st and 2nd Quarter 2025



4. Total Livestock Production (selected products) during 1st and 2nd Quarter

Chart 4: Total livestock production (selected products), 1st and 2nd Quarter 2025

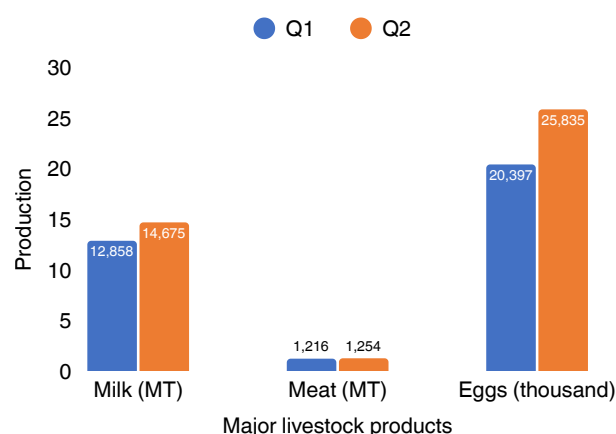
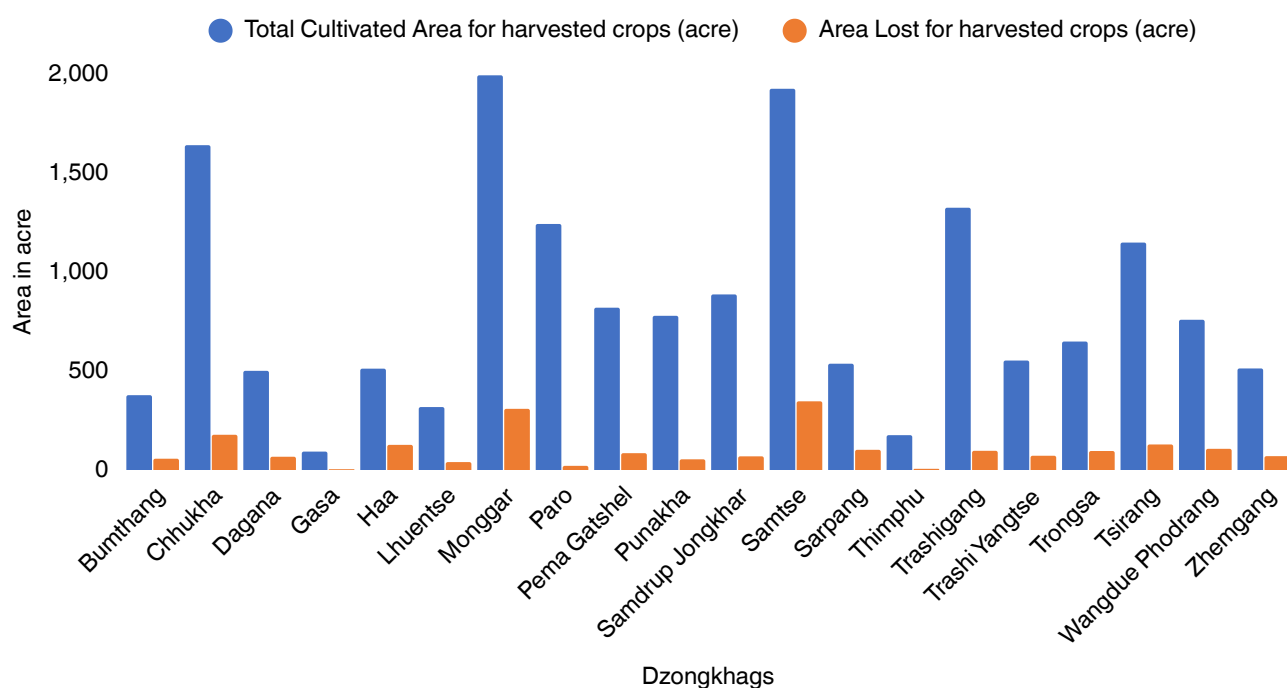


Chart 5: Total Cultivated and Lost area for harvested crops by Dzongkhag, 2nd Quarter 2025



5. Cereals

During the second quarter of 2025, 4,103 metric tons (MT) of maize were harvested from 3,245 acres. This was followed by 352 MT of Buckwheat, 288 MT of Wheat and 177 MT of Barley on 931 acres, 723 acres and 446 Acres of land respectively.

Table 1: Cereal growers, area and production by type, 1st and 2nd Quarter 2025

Type	Growers (Number)		Sown Area (acre)		Harvested Area (acre)		Production (MT)	
	Q1	Q2	Q1	Q2	Q1	Q2	Q1	Q2
Maize	370	11,561	92	4,116	80	3,245	76	4,103
Wheat	778	2,078	254	890	184	723	60	288
Barley	1,252	1,197	442	508	360	446	143	177
Millet	454	607	99	143	89	129	30	47
Buckwheat	960	2,129	213	1,094	188	931	66	352
Quinoa	367	57	35	6	30	6	10	2

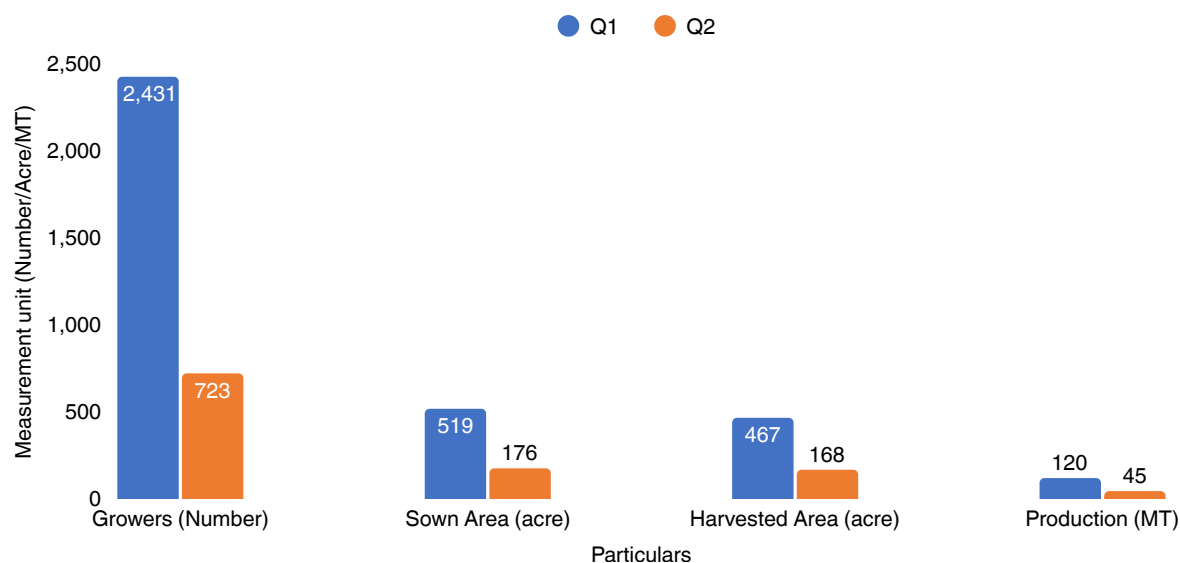
Table 2: Cereal Production by Dzongkhag and by Type, 2nd Quarter 2025

Dzongkhag	Maize (Kg)	Wheat (Kg)	Barley (Kg)	Millet (Kg)	Buckwheat (kg)	Quinoa (Kg)
Bumthang	-	23,248	46,067	-	11,762	-
Chhukha	591,481	17,555	1,080	1,661	63,747	-
Dagana	193,356	-	60	-	10,365	839
Gasa	-	424	2,186	-	285	-
Haa	-	43,177	1,781	1,720	69,661	-
Lhuentse	-	-	-	-	-	-
Monggar	420,295	-	-	-	13,476	375
Paro	545	70,119	31,370	-	4,830	-
Pema Gatshel	455,236	-	-	15,385	2,054	-
Punakha	12,652	39,049	4,306	-	17,777	-
Samdrup Jongkhar	235,860	208	-	2,499	49	-
Samtse	968,978	6,808	4,719	11,314	19,189	98
Sarpang	366,840	874	162	856	277	-
Thimphu	-	1,404	936	-	1,030	-
Trashigang	-	3,753	12,271	-	12,769	-
Trashi Yangtse	14,799	977	374	-	-	-
Trongsa	3,483	14,914	46,822	4,340	45,874	-
Tsirang	555,660	424	-	-	6,696	248
Wangdue Phodrang	441	65,069	25,011	-	66,376	-
Zhemgang	283,396	-	251	8,781	5,839	-
Total	4,103,022	288,003	177,396	46,556	352,056	1,560

6. Oilseeds

During the second quarter of 2025, mustard was the only major oilseed crop harvested and cultivated by 723 growers. Out of the 176 acres sown, 168 acres were harvested, yielding a total production of 45 metric tons of mustard.

Chart 6: Mustard Growers, Area sown, Area harvested and Production, 1st and 2nd Quarter 2025



7. Vegetables

During the second quarter of 2025, about 7,109 MT of vegetables were produced. Among the vegetables, chilli had the highest production at 1,591 MT, followed by cabbage at 1,458 MT and beans at 920 MT.

Table 3: Vegetable Growers, Area Sown, Area Harvested and Production, 1st and 2nd Quarter 2025

Type	Growers (Number)		Sown Area (acre)		Harvested Area (acre)		Production (MT)	
	Q1	Q2	Q1	Q2	Q1	Q2	Q1	Q2
Asparagus	923	1,288	97	130	95	126	84	103
Beans	11,827	25,741	434	1,021	399	934	364	920
Egg plant	3,182	5,787	45	105	42	97	44	94
Broccoli	12,992	5,778	509	268	469	244	503	259
Blub Onion	2,534	2,653	77	126	74	123	67	149
Bunching	6,416	2,424	116	53	113	53	96	52
Cabbages	18,672	9,299	682	634	634	598	881	1,458
Carrot	1,948	1,730	47	109	45	104	47	192
Cauliflower	10,923	3,331	498	195	464	185	621	258
Chilli	8,650	26,487	202	1,262	187	1,157	149	1,591

Green leaves ¹	32,758	16,861	-	-	-	-	1051	519
Pumpkin, squash, gourds ¹	3,289	10,390	-	-	-	-	174	442
Peas	3,563	1,619	155	203	131	198	116	187
Radish	16,473	6,979	473	252	445	233	654	374
Tomato	5,395	3,476	79	55	74	49	77	59
Turnip	752	298	39	6	33	5	62	6
Beetroot	1	13	0	1	0.05	1	0.06	2
Cucumber	300	8,243	18	195	16	189	28	444

¹Area sown and harvested is not collected for these vegetables.

8. Spices

In the second quarter of 2025, spice cultivation remained active, with ginger leading in both production and area harvested. A total of 5,043 growers harvested 865 acres of ginger, yielding 1,349 MT. Production of other spices included garlic bulb at 142 MT, garlic leaves at 23 MT and coriander at 31 MT.

Table 4: Spices Growers, Area Sown, Area Harvested and Production by type, 1st and 2nd Quarter, 2025

Type	Growers (Number)		Sown Area (acre)		Harvested Area (acre)		Production (MT)	
	Q1	Q2	Q1	Q2	Q1	Q2	Q1	Q2
Ginger	9,950	5,043	1,257	875	1,208	865	2,415	1,349
Garlic Bulb	9,719	5,202	308	135	286	132	269	142
Garlic leaves	5,201	1,499	78	26	73	25	65	23
Coriander	7,701	3,453	105	46	102	44	63	31

Table 5 : Production of Spices by Type and Dzongkhag, 2nd Quarter 2025

Dzongkhag	Ginger (Kg)	Garlic Blub (Kg)	Garlic Leaves(Kg)	Coriander (Kg)
Bumthang	-	7,291	1,780	15
Chhukha	373,864	4,259	3,734	1,346
Dagana	6,977	2,874	1,565	528
Gasa	-	393	-	400
Haa	1,155	597	319	160
Lhuentse	659	2,462	476	319
Monggar	18,556	7,996	2,154	2,357
Paro	-	484	-	73
Pema Gatshel	68,899	13,570	522	1,842
Punakha	425	757	271	802
Samdrup Jongkhar	357,153	5,778	987	1,160
Samtse	389,888	1,890	442	846
Sarpang	13,071	999	32	550
Thimphu	-	13,405	1,193	10,106
Trashigang	20,075	32,705	4,154	3,427
Trashi Yangtse	393	14,161	1,429	488
Trongsa	-	2,980	735	1,459
Tsirang	30,899	2,473	675	3,168
Wangdue Phodrang	-	25,717	2,105	1,459
Zhemgang	66,848	975	442	249
Total	1,348,862	141,766	23,015	30,754

9.Roots and tubers

Potato was the only root and tuber crop harvested during the second quarter of 2025, with 19,385 growers producing a total of 14,359 MT harvested from 3,707 acres of land.

Chart 7: Potato Growers, Area harvested, Area Sown and Production, 2nd Quarter 2025

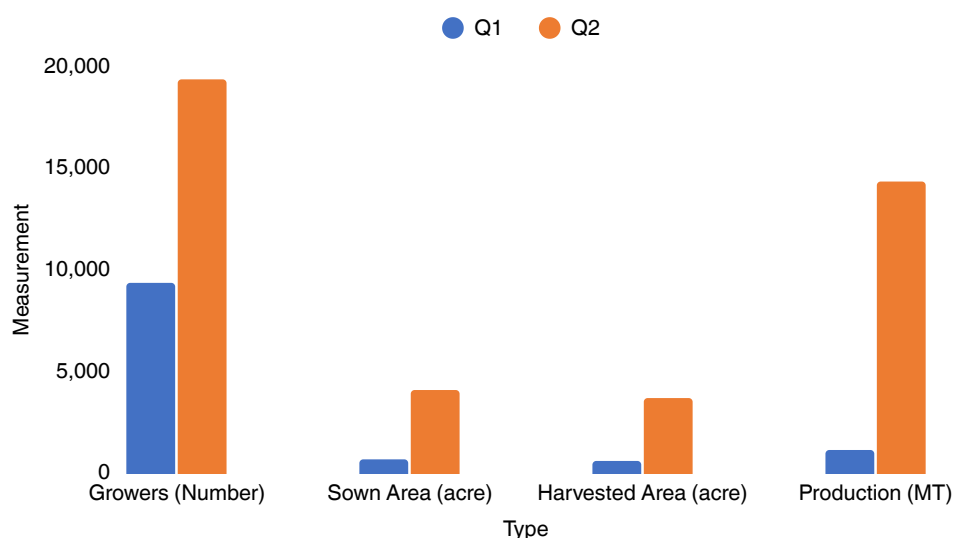
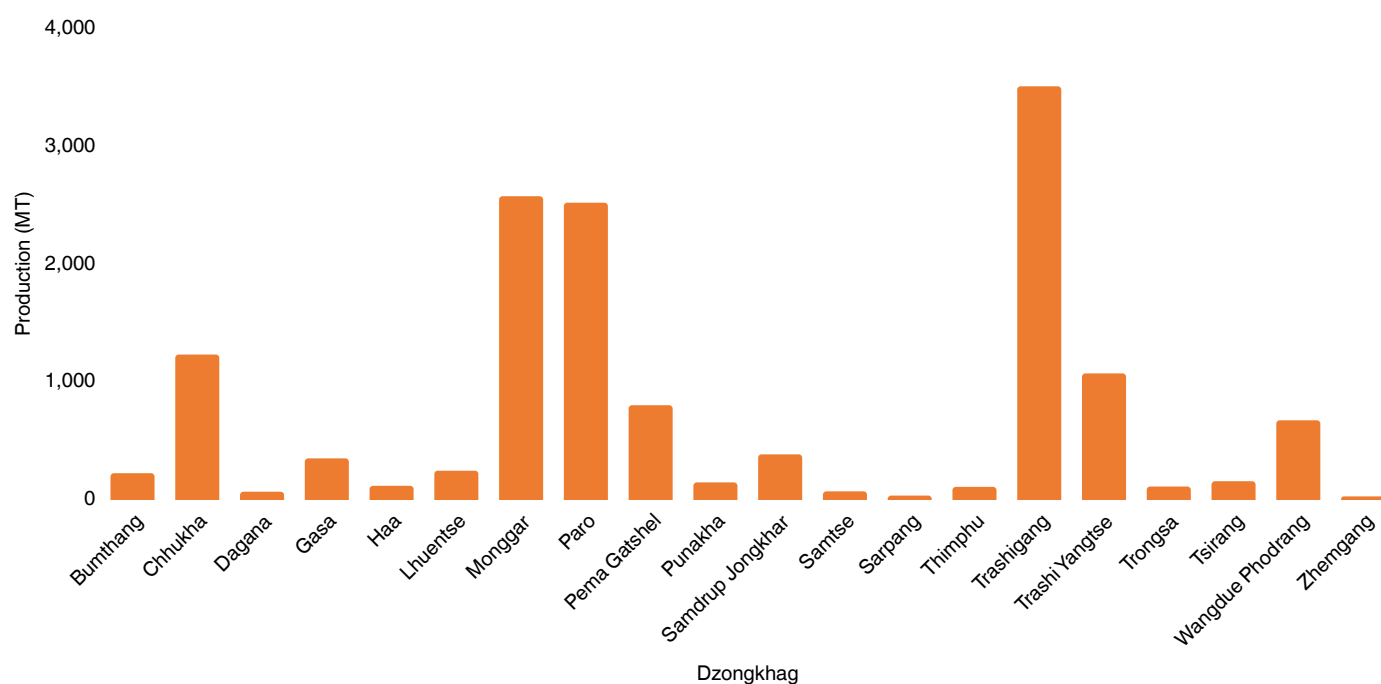


Chart 8: Potato Production by Dzongkhag, 2nd Quarter 2025



10. Fruits and Nuts

In the second quarter of 2025, areca nut stood out as the leading fruit and nut crop, yielding 6,774 MT from 1.26 million bearing trees managed by 10,719 growers. Among other fruits, the top five in terms of production were banana (1,317 MT), peach (311 MT), litchi (225 MT), plum (224 MT), and jackfruit (174 MT).

Table 6: Fruit Growers, Number of trees (total and bearing), and Production, 2nd Quarter 2025

Type	Growers (Number)	Total Trees (Number)	Bearing Trees (Number)	Production (MT)
Apricot	1,786	4,912	1,720	27
Areca-nut	10,719	4,544,067	1,260,045	6,774
Dragon Fruit ¹	3,329	14,498	1,086	2
Jackfruit	3,898	7,669	2,464	174
Lemons and Limes	10,566	85,840	8,122	40
Litchi	8,892	42,608	16,826	225
Mango	14,339	106,964	12,334	127
Papaya	3,153	10,187	5,045	44
Peach	14,910	40,454	19,651	311
Pear	10,832	38,026	7,111	149
Plum	8,020	15,152	9,006	224
Tree Tomato	6,710	21,371	6,361	27
Cherry	138	211	13	0.03
Banana ²	16,342	469	430	1,317
Passion Fruits ³	1,402			22
Pineapple ²	2,486	157	146	114
Watermelon ²	55	3	3	17
Strawberry ²	84	1	1	1
Grape ²	32	0.33	0.33	0.13

¹ For dragon fruit, “trees” refer to “plants.”

² For banana, pineapple, watermelon, strawberry and grape, “total trees” and “bearing trees” refer to “sown area in acre” and “harvested area in acre,” respectively.

³ Number of tree is not collected for this fruit

11.Dairy

Approximately 14,675 MT of milk, 565 MT of butter, 866 MT of cheese, 16 MT of chugo, 50 MT of zetyey, and 0.5 MT of phelu were produced during the second quarter of 2025, as shown in Table 7. Trashigang recorded the highest milk and butter production with 2,005 MT and 85 MT respectively, while Monggar led in cheese production with about 92 MT. Compared to the first quarter, milk production was 14% more, butter 16% more, and cheese 5% more.

Table 7: Production of Dairy Products by Type, 1st and 2nd Quarter 2025

Dairy Products	Production (MT)	
	Q1	Q2
Milk	12,858	14,675
Butter	485	565
Cheese	823	866
Chugo	5	16
Zeytey	13	50
Phelu	0.2	0.5

12.Meat

During the second quarter of 2025, a total of 364 MT of beef, 27 MT of yak meat, 389 MT of pork, 2 MT of buff, 59 MT of chevon, 6 MT of mutton, 399 MT of chicken, and 8 MT of fish were produced, as shown in Table 8. Among the dzongkhags, Samtse recorded the highest beef and chicken production at 81 MT and 103 MT respectively, while pork production was highest in Tsirang with 155 MT.

Table 8: Production of Meat by Type, 1st and 2nd Quarter 2025

Meat	Production (MT)	
	Q1	Q2
Beef	388	364
Yak Meat	46	27
Buff	0	2
Pork	352	389
Chevon	73	59
Mutton	6	6
Chicken	338	399
Fish	13	8

13.Other Livestock products

During the second quarter of 2025, approximately 25.8 million eggs, 5.1 MT of wool, and 16.1 MT of honey were produced, as shown in Table 9. The highest egg production was reported in Tsirang with 6.6 million eggs, followed by Sarpang with 5.9 million eggs and Samtse with 4.5 million eggs. Compared to the first quarter, egg production was 26% more, wool 89% more, and honey 49% more.

Table 9: Production of other livestock products by Type, 1st and 2nd Quarter 2025

Other livestock products	Production	
	Q1	Q2
Eggs (million)	20.4	25.8
Wool (MT)	2.7	5.1
Honey (MT)	10.8	16.1