



BOLT Spring 2023 Genetic Evaluation

Breed Average

	CE	BW	WW	YW	MCE	Milk	MWW	STAY	DOC	CWT	REA	FAT	MARB	API	TI
Current	7.9	3.4	78.4	116.1	4.3	26.3	65.4	16.4	11.0	28.9	0.89	-0.105	-0.05	113.8	71.3
Sires	7.7	3.6	75.7	111.1	4.1	28.7	66.5	15.5	10.5	26.6	0.87	-0.109	-0.05	109.9	69.5
Dams	6.6	4.1	74.0	108.0	3.6	28.9	65.8	16.4	10.1	24.9	0.85	-0.110	-0.05	108.7	67.7

Current Population – all calves born in the last 2 years (2021-2023)

Active Sire – any sire with a calf reported in the last 2 years (2021-2023)

Active Dam – any dam with a calf reported in the last 2 years (2021-2023)

Percentiles

Percentiles show where an animal stands within the Simmental population. The following percentiles are based on CSA current calves (2021-2023).

PCTL	CE	BW	WW	YW	MCE	Milk	MWW	STAY	DOC	CWT	REA	FAT	MARB	API	TI
Avg	7.5	3.6	76.5	112.4	4.1	28.6	66.8	16.1	10.6	27.0	0.87	-0.109	-0.05	111.3	65.5
Min	-6.8	-6.9	33.6	32.2	-9.4	8.1	26.3	2.8	-11.5	-15.7	0.04	-0.177	-0.49	60.6	36.8
Max	23.0	13.7	115.1	178.3	14.9	49.3	94.3	26.6	24.2	66.2	1.54	0.041	0.69	183.0	100.9
SD	3.56	2.06	9.10	15.59	2.77	6.57	7.21	2.61	2.87	8.58	0.141	0.0220	0.104	11.72	4.99
1	16.3	-1.5	98.4	149.2	10.6	43.3	83.2	22.0	17.3	47.7	1.19	-0.152	0.26	141.6	85.0
2	15.1	-0.8	96.0	145.2	9.7	42.2	81.3	21.2	16.4	45.1	1.15	-0.149	0.20	137.6	82.9
3	14.5	-0.4	94.3	142.5	9.2	41.4	80.2	20.8	15.8	43.5	1.12	-0.146	0.17	135.0	81.5
4	13.9	-0.1	93.0	140.5	8.8	40.8	79.3	20.5	15.4	42.3	1.10	-0.144	0.15	133.0	80.6
5	13.5	0.2	91.9	138.9	8.5	40.3	78.6	20.2	15.1	41.4	1.09	-0.143	0.13	131.4	79.9
10	12.1	1.0	88.4	132.9	7.5	38.4	76.1	19.3	14.1	38.1	1.04	-0.137	0.08	126.3	77.4
15	11.2	1.5	86.0	128.9	6.8	36.8	74.4	18.7	13.4	35.9	1.00	-0.133	0.05	123.1	75.9
20	10.5	1.9	84.1	125.7	6.3	35.1	73.0	18.2	12.9	34.1	0.98	-0.128	0.03	120.7	74.7
25	9.8	2.3	82.5	122.9	5.9	33.3	71.8	17.8	12.5	32.6	0.96	-0.124	0.01	118.7	73.6
30	9.3	2.6	81.0	120.4	5.5	31.7	70.7	17.5	12.1	31.3	0.94	-0.120	0.00	116.9	72.7
35	8.8	2.9	79.7	118.0	5.1	30.3	69.6	17.1	11.7	30.0	0.92	-0.116	-0.02	115.2	71.9
40	8.3	3.2	78.4	115.9	4.8	29.2	68.6	16.8	11.4	28.9	0.91	-0.113	-0.03	113.6	71.2
45	7.9	3.4	77.3	113.9	4.5	28.3	67.6	16.5	11.1	27.8	0.89	-0.110	-0.04	112.1	70.4
50	7.5	3.7	76.2	111.9	4.1	27.5	66.7	16.2	10.7	26.7	0.88	-0.108	-0.05	110.7	69.7
55	7.0	3.9	75.2	110.0	3.8	26.7	65.7	15.9	10.4	25.7	0.86	-0.105	-0.06	109.4	69.0
60	6.6	4.2	74.1	108.0	3.4	25.9	64.8	15.5	10.1	24.6	0.84	-0.103	-0.08	107.9	68.3
65	6.1	4.4	72.9	106.1	3.1	25.2	63.8	15.2	9.7	23.5	0.83	-0.101	-0.09	106.5	67.6
70	5.7	4.7	71.7	104.0	2.7	24.4	62.8	14.8	9.4	22.3	0.81	-0.099	-0.10	105.0	66.9
75	5.1	5.0	70.4	101.8	2.3	23.6	61.7	14.4	9.0	21.1	0.79	-0.096	-0.11	103.4	66.1
80	4.6	5.3	68.9	99.3	1.8	22.8	60.5	13.9	8.5	19.8	0.76	-0.093	-0.13	101.6	65.3
85	3.9	5.7	67.3	96.3	1.3	21.9	59.2	13.4	7.9	18.2	0.74	-0.090	-0.15	99.5	64.4
90	3.1	6.1	65.2	92.8	0.5	20.8	57.5	12.7	7.1	16.2	0.70	-0.084	-0.17	97.0	63.1
95	1.8	6.8	61.9	87.5	-0.6	19.2	55.1	11.7	6.0	13.2	0.64	-0.074	-0.20	93.2	61.2
Num	54,742	54,742	54,742	54,742	54,742	54,742	54,742	54,742	54,742	54,742	54,742	54,742	54,742	54,742	54,742



BOLT Spring 2023 Genetic Evaluation

Current Fullbloods

PCTL	CE	BW	WW	YW	MCE	Milk	MWW	STAY	DOC	CWT	REA	FAT	MARB	API	TI
Avg	5.6	4.9	72.0	102.1	2.8	37.7	73.7	16.0	9.5	20.7	0.88	-0.135	-0.08	102.9	65.9
Min	-6.4	-1.7	34.5	47.2	-9.3	21.6	50.7	7.7	-11.4	-9.4	0.36	-0.177	-0.39	67.0	47.8
Max	18.2	11.5	101.7	152.7	13.9	49.3	94.3	24.2	22.2	49.3	1.40	-0.067	0.29	151.1	88.0
SD	3.51	1.75	7.76	12.68	2.76	3.45	5.38	2.29	2.99	7.04	0.112	0.0100	0.074	9.50	4.40
1	14.1	0.7	90.3	132.8	9.1	45.2	86.7	21.1	16.7	38.4	1.14	-0.159	0.10	124.5	76.5
2	13.1	1.2	87.9	128.9	8.3	44.4	85.1	20.5	15.6	36.2	1.11	-0.156	0.07	121.7	75.1
3	12.5	1.5	86.4	126.2	7.9	43.9	84.0	20.1	14.8	34.8	1.09	-0.154	0.06	120.1	74.3
4	12.1	1.8	85.4	124.3	7.5	43.4	83.2	19.9	14.4	33.6	1.07	-0.153	0.04	119.0	73.6
5	11.7	2.0	84.4	122.7	7.1	43.1	82.5	19.6	14.1	32.6	1.06	-0.152	0.04	118.1	73.0
10	10.3	2.6	81.8	118.2	6.2	42.0	80.4	18.8	13.1	29.5	1.02	-0.148	0.01	114.9	71.4
15	9.4	3.1	79.8	114.9	5.5	41.2	79.2	18.3	12.4	27.7	0.99	-0.145	-0.01	112.4	70.3
20	8.5	3.4	78.3	112.4	5.1	40.5	78.0	17.9	11.8	26.4	0.97	-0.144	-0.02	110.7	69.4
25	7.9	3.7	77.0	110.3	4.7	40.0	77.1	17.6	11.3	25.1	0.95	-0.142	-0.03	109.3	68.7
30	7.3	4.0	75.9	108.4	4.2	39.5	76.3	17.2	10.9	24.1	0.93	-0.140	-0.04	107.9	68.0
35	6.8	4.3	75.0	106.8	3.8	39.1	75.7	16.9	10.6	23.2	0.92	-0.139	-0.05	106.6	67.4
40	6.3	4.5	74.0	105.2	3.5	38.7	74.9	16.6	10.2	22.3	0.90	-0.138	-0.06	105.4	66.9
45	5.8	4.7	73.1	103.6	3.1	38.3	74.2	16.3	9.9	21.5	0.89	-0.137	-0.07	104.3	66.4
50	5.4	5.0	72.2	102.1	2.8	37.9	73.6	16.0	9.6	20.6	0.88	-0.135	-0.08	103.2	65.9
55	5.0	5.2	71.1	100.5	2.5	37.5	73.0	15.8	9.3	19.8	0.86	-0.134	-0.09	101.9	65.3
60	4.5	5.4	70.1	99.0	2.1	37.1	72.3	15.5	8.9	18.9	0.85	-0.133	-0.10	100.8	64.8
65	4.1	5.6	69.0	97.2	1.7	36.7	71.7	15.2	8.5	18.0	0.83	-0.132	-0.11	99.4	64.3
70	3.6	5.8	68.1	95.4	1.4	36.2	71.0	14.9	8.1	17.1	0.82	-0.130	-0.12	98.0	63.7
75	3.1	6.0	67.0	93.5	0.9	35.7	70.3	14.5	7.7	16.0	0.80	-0.129	-0.13	96.6	63.0
80	2.6	6.3	65.7	91.6	0.5	35.0	69.4	14.1	7.2	14.9	0.79	-0.127	-0.14	95.0	62.3
85	2.0	6.6	64.1	89.2	0.0	34.2	68.3	13.7	6.7	13.6	0.77	-0.125	-0.16	93.3	61.4
90	1.2	7.0	62.2	86.3	-0.8	33.2	66.9	13.0	6.0	11.9	0.74	-0.123	-0.17	90.9	60.3
95	0.0	7.7	59.0	81.5	-1.9	31.7	64.9	12.1	4.8	9.4	0.69	-0.118	-0.20	87.0	58.6
Num	7873	7873	7873	7873	7873	7873	7873	7873	7873	7873	7873	7873	7873	7873	7873



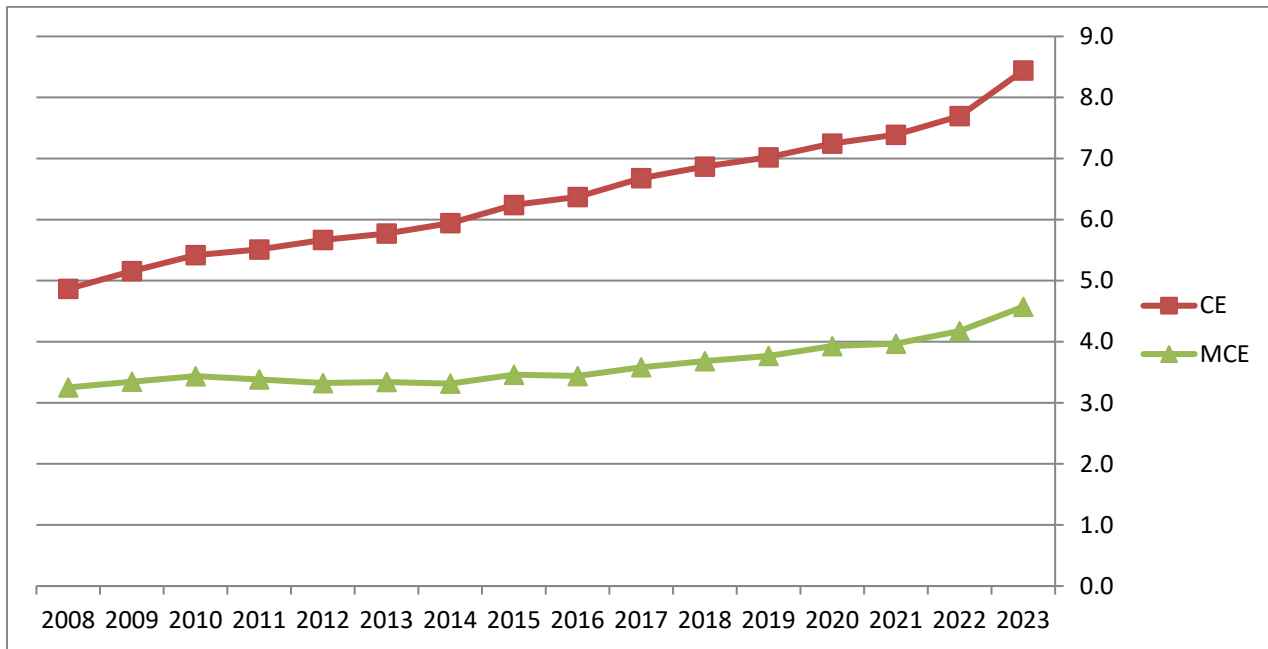
BOLT Spring 2023 Genetic Evaluation

Current Purebreds

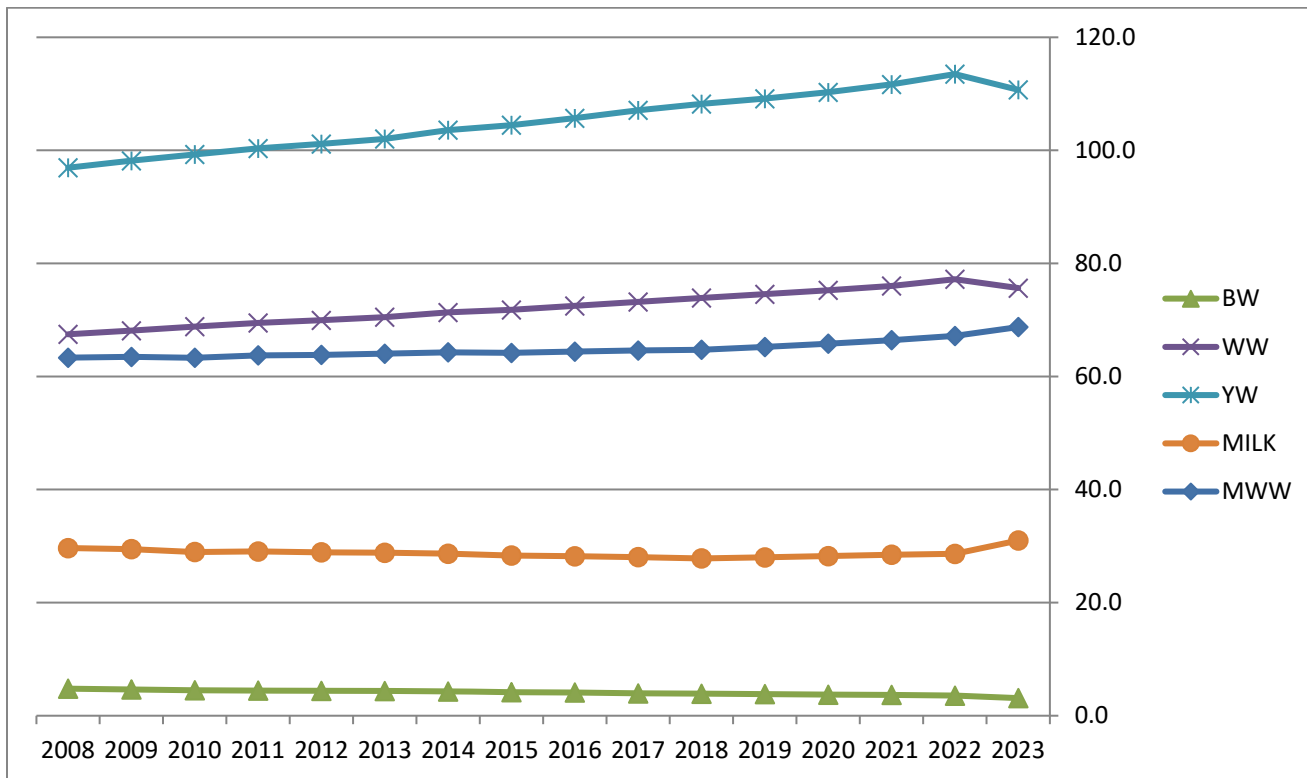
PCTL	CE	BW	WW	YW	MCE	Milk	MWW	STAY	DOC	CWT	REA	FAT	MARB	API	TI
Avg	7.9	3.4	78.4	116.1	4.3	26.3	65.4	16.4	11.0	28.9	0.89	-0.105	-0.05	113.8	71.3
Min	-6.8	-5.1	36.0	52.9	-9.4	8.1	37.1	5.2	-11.5	-6.5	0.26	-0.168	-0.49	75.2	50.5
Max	21.8	13.7	115.1	178.3	14.9	46.2	91.1	26.6	24.2	65.3	1.54	-0.038	0.66	183.0	105.8
SD	3.32	1.91	8.89	14.93	2.65	4.69	6.33	2.57	2.78	8.09	0.130	0.0140	0.098	11.10	5.49
1	16.4	-1.5	99.4	150.5	10.7	37.9	80.2	22.3	17.4	48.3	1.21	-0.139	0.21	142.7	85.7
2	15.2	-0.8	97.1	147.0	9.9	36.6	78.5	21.6	16.6	45.9	1.16	-0.135	0.17	139.0	83.6
3	14.6	-0.4	95.6	144.5	9.4	35.7	77.4	21.1	16.1	44.4	1.13	-0.132	0.14	136.5	82.5
4	14.1	-0.1	94.4	142.5	9.0	35.0	76.6	20.8	15.7	43.3	1.12	-0.130	0.12	134.8	81.5
5	13.6	0.1	93.3	141.0	8.7	34.5	75.9	20.5	15.4	42.5	1.10	-0.128	0.11	133.2	80.8
10	12.2	0.9	90.0	135.6	7.7	32.5	73.6	19.6	14.3	39.4	1.05	-0.122	0.07	128.2	78.5
15	11.3	1.5	87.7	131.8	7.0	31.1	72.0	19.0	13.7	37.3	1.02	-0.119	0.05	125.0	76.9
20	10.6	1.9	85.8	128.8	6.5	30.1	70.7	18.5	13.2	35.7	0.99	-0.116	0.03	122.6	75.7
25	10.0	2.2	84.3	126.2	6.1	29.2	69.6	18.1	12.7	34.3	0.97	-0.114	0.01	120.7	74.8
30	9.4	2.5	82.9	123.9	5.7	28.5	68.7	17.7	12.4	33.0	0.95	-0.111	0.00	119.0	73.9
35	9.0	2.8	81.6	121.6	5.3	27.9	67.8	17.4	12.0	31.9	0.94	-0.109	-0.02	117.4	73.1
40	8.5	3.1	80.4	119.6	5.0	27.3	67.0	17.0	11.7	30.8	0.92	-0.108	-0.03	115.9	72.4
45	8.1	3.3	79.2	117.6	4.7	26.7	66.2	16.7	11.4	29.8	0.90	-0.106	-0.04	114.5	71.7
50	7.7	3.5	78.1	115.7	4.3	26.1	65.4	16.4	11.1	28.8	0.89	-0.104	-0.05	113.2	71.0
55	7.3	3.7	77.0	113.8	4.0	25.5	64.6	16.1	10.7	27.8	0.87	-0.103	-0.06	111.8	70.4
60	6.9	4.0	75.9	112.0	3.7	24.9	63.8	15.8	10.4	26.8	0.86	-0.101	-0.08	110.5	69.7
65	6.5	4.2	74.8	110.1	3.3	24.3	63.0	15.5	10.1	25.8	0.84	-0.099	-0.09	109.1	69.0
70	6.1	4.5	73.7	108.0	3.0	23.7	62.1	15.1	9.7	24.7	0.82	-0.097	-0.10	107.7	68.3
75	5.6	4.7	72.4	105.8	2.6	23.0	61.1	14.7	9.3	23.5	0.80	-0.096	-0.12	106.1	67.5
80	5.1	5.0	71.0	103.5	2.2	22.3	60.1	14.2	8.9	22.2	0.78	-0.094	-0.13	104.5	66.8
85	4.5	5.3	69.4	100.8	1.7	21.5	58.9	13.7	8.4	20.7	0.76	-0.091	-0.15	102.5	65.8
90	3.8	5.7	67.2	97.1	1.0	20.4	57.3	13.0	7.6	18.7	0.72	-0.088	-0.17	100.2	64.7
95	2.8	6.4	64.1	91.9	0.0	18.9	55.1	12.1	6.5	15.9	0.68	-0.082	-0.21	96.7	63.0
Num	36,217	36,217	36,217	36,217	36,217	36,217	36,217	36,217	36,217	36,217	36,217	36,217	36,217	36,217	36,217

BOLT Spring 2023 Genetic Evaluation

Genetic Trend – Calving Ease



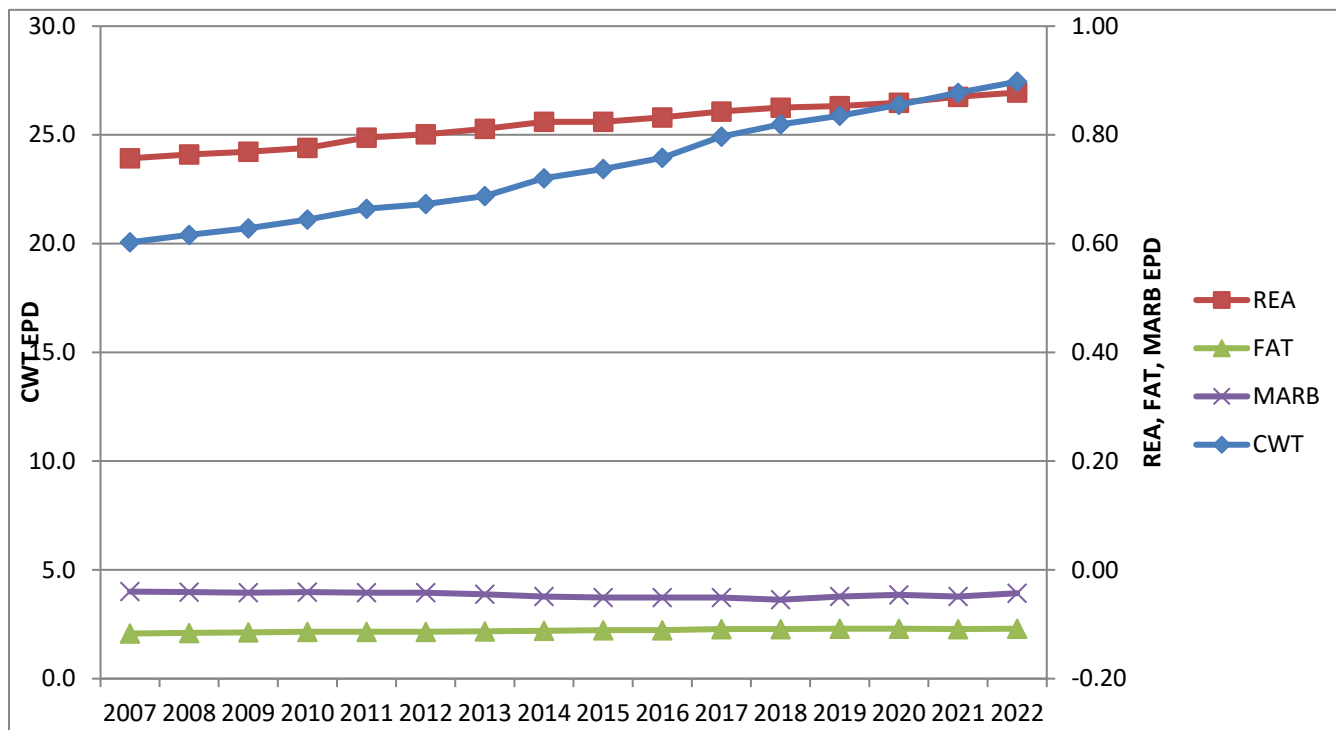
Genetic Trend – Growth Traits





BOLT Spring 2023 Genetic Evaluation

Genetic Trend – Carcass Traits



Genetic Trend - Indexes

