BOLT Fall 2019 Genetic Evaluation

Breed Average

	CE	BW	WW	YW	MCE	Milk	MWW	STAY	CWT	REA	FAT	MARB	API	TI
Current	6.7	3.4	69.6	102.8	4.0	25.2	60.4	16.2	26.1	0.78	-0.129	-0.10	115.1	65.5
Sires	6.9	3.3	68.7	101.4	4.0	26.8	61.1	15.8	25.8	0.78	-0.130	-0.09	114.8	65.4
Dams	5.9	3.7	67.7	99.2	3.8	25.7	59.6	16.2	24.8	0.76	-0.133	-0.10	112.8	64.0

Current Population – all calves born in the last 2 years (2018-2019)

Active Sire – any sire with a calf reported in the last 2 years (2018-2019)

Active Dam – any dam with a calf reported in the last 2 years (2018-2019)

Percentiles

Percentiles show where an animal stands within the Simmental population. The following percentiles are based on CSA current calves (2018-2019).

PCTL	CE	BW	WW	YW	MCE	Milk	MWW	STAY	CWT	REA	FAT	MARB	API	TI
Avg	**6.7**	**3.4**	**69.6**	**102.8**	**4.0**	**25.2**	**60.4**	**16.2**	**26.1**	**0.78**	**-0.129**	**-0.10**	**115.1**	**65.5**
Min	-6.5	-6.2	27.2	24.8	-11.4	-0.2	33.4	2.0	-3.6	-0.15	-0.204	-0.46	63.7	37.4
Max	23.9	12.9	106.3	172.1	16.3	48.2	89.9	27.3	76.6	1.56	0.066	0.71	172.1	96.8
SD	3.63	1.96	8.11	13.59	2.95	5.36	6.41	2.39	6.70	0.127	0.0240	0.099	11.12	4.89
1	15.6	-1.6	88.9	135.2	10.9	37.6	75.6	21.5	43.4	1.07	-0.174	0.23	142.4	78.4
2	14.6	-1.0	86.7	131.4	10.1	36.4	73.8	20.8	41.2	1.04	-0.171	0.18	138.8	76.3
3	13.9	-0.6	85.2	128.9	9.5	35.6	72.5	20.4	39.7	1.01	-0.169	0.14	136.4	75.3
4	13.3	-0.2	84.1	127.1	9.2	35.1	71.6	20.1	38.5	0.99	-0.167	0.11	134.6	74.4
5	12.9	0.0	83.2	125.4	8.8	34.6	70.9	19.8	37.6	0.98	-0.166	0.09	133.4	73.7
10	11.4	0.9	80.0	120.1	7.7	32.9	68.7	19.0	34.9	0.93	-0.160	0.03	129.2	71.6
15	10.4	1.4	77.9	116.6	7.0	31.5	67.1	18.5	33.1	0.90	-0.156	-0.01	126.4	70.3
20	9.7	1.8	76.2	113.9	6.4	30.1	65.8	18.1	31.5	0.88	-0.151	-0.03	124.3	69.3
25	9.0	2.2	74.8	111.6	6.0	28.9	64.7	17.7	30.3	0.86	-0.144	-0.05	122.4	68.5
30	8.5	2.5	73.6	109.5	5.6	27.8	63.6	17.4	29.2	0.84	-0.138	-0.06	120.7	67.8
35	8.0	2.7	72.5	107.7	5.2	26.8	62.6	17.1	28.2	0.83	-0.135	-0.08	119.2	67.2
40	7.5	3.0	71.5	105.9	4.8	25.9	61.7	16.8	27.3	0.81	-0.132	-0.09	117.8	66.6
45	7.0	3.2	70.5	104.3	4.5	25.2	60.9	16.5	26.5	0.80	-0.130	-0.10	116.4	66.0
50	6.6	3.4	69.6	102.7	4.1	24.5	60.0	16.3	25.7	0.78	-0.128	-0.11	115.0	65.4
55	6.1	3.7	68.6	101.1	3.7	23.8	59.2	16.0	24.9	0.77	-0.126	-0.12	113.6	64.9
60	5.7	3.9	67.6	99.5	3.4	23.1	58.4	15.7	24.1	0.75	-0.124	-0.13	112.3	64.3
65	5.2	4.1	66.6	97.9	3.0	22.5	57.6	15.4	23.3	0.74	-0.122	-0.14	110.8	63.7
70	4.7	4.4	65.6	96.0	2.6	21.9	56.8	15.0	22.5	0.72	-0.120	-0.15	109.3	63.1
75	4.2	4.7	64.5	94.1	2.1	21.2	55.9	14.7	21.6	0.70	-0.117	-0.16	107.6	62.4
80	3.6	5.0	63.2	91.9	1.6	20.5	55.0	14.3	20.6	0.68	-0.115	-0.17	105.8	61.7
85	2.9	5.3	61.6	89.3	1.0	19.7	53.9	13.8	19.4	0.66	-0.111	-0.19	103.7	60.8
90	2.1	5.8	59.5	86.0	0.3	18.7	52.5	13.1	18.0	0.62	-0.106	-0.20	100.9	59.6
95	0.9	6.5	56.3	80.6	-0.9	17.3	50.4	12.1	15.8	0.57	-0.093	-0.23	97.2	57.8
Num	60,224	60,224	60,224	60,224	60,224	60,224	60,224	60,224	60,224	60,224	60,224	60,224	60,224	60,224

BOLT Fall 2019 Genetic Evaluation

Current Fullbloods

PCTL	CE	BW	WW	YW	MCE	Milk	MWW	STAY	CWT	REA	FAT	MARB	API	TI
Avg	**4.4**	**4.6**	**69.0**	**99.3**	**2.9**	**32.3**	**66.7**	**15.1**	**22.2**	**0.82**	**-0.159**	**-0.15**	**106.2**	**63.6**
Min	18.6	11.7	99.7	172.1	13.7	45.6	89.9	27.3	45.9	1.27	-0.082	0.24	144.5	81.3
Max	-5.9	-4.2	35.9	47.9	-11.4	18.8	47.2	5.1	-2.5	0.41	-0.204	-0.39	68.2	42.7
SD	3.36	1.66	7.41	12.42	3.05	3.33	4.39	2.51	5.53	0.102	0.0090	0.063	9.04	4.12
1	13.5	0.2	88.0	131.5	10.2	40.3	77.4	20.7	35.8	1.06	-0.184	0.01	129.2	74.1
2	12.4	0.8	85.3	126.3	9.3	39.1	76.0	20.1	34.2	1.04	-0.180	-0.01	125.7	72.8
3	11.6	1.2	83.9	123.9	8.7	38.5	75.0	19.7	32.9	1.01	-0.177	-0.03	123.7	71.8
4	11.0	1.4	82.7	122.0	8.3	38.1	74.5	19.4	32.2	1.00	-0.176	-0.04	122.1	71.0
5	10.6	1.7	81.7	120.1	7.9	37.7	73.9	19.2	31.7	0.99	-0.175	-0.04	120.9	70.5
10	8.9	2.5	78.5	115.1	6.7	36.4	72.1	18.3	29.4	0.95	-0.171	-0.07	117.7	68.7
15	7.9	3.0	76.4	111.6	6.0	35.5	71.0	17.7	28.0	0.92	-0.168	-0.08	115.4	67.7
20	7.0	3.3	74.7	109.0	5.4	34.9	70.2	17.2	26.7	0.90	-0.167	-0.09	113.6	66.9
25	6.4	3.6	73.5	106.9	4.9	34.4	69.5	16.8	25.7	0.88	-0.165	-0.10	112.1	66.2
30	5.9	3.9	72.4	105.0	4.4	33.9	68.9	16.5	24.9	0.86	-0.164	-0.11	110.6	65.6
35	5.4	4.1	71.3	103.4	4.0	33.5	68.3	16.1	24.0	0.85	-0.163	-0.12	109.4	65.0
40	5.0	4.3	70.4	101.9	3.7	33.1	67.8	15.8	23.3	0.84	-0.162	-0.13	108.3	64.5
45	4.5	4.5	69.6	100.5	3.3	32.7	67.3	15.4	22.7	0.82	-0.160	-0.14	107.0	64.0
50	4.1	4.7	68.8	99.1	2.9	32.3	66.8	15.1	22.1	0.81	-0.159	-0.14	106.1	63.5
55	3.8	4.9	67.9	97.6	2.6	31.9	66.2	14.8	21.5	0.80	-0.158	-0.15	104.9	63.1
60	3.4	5.0	67.1	96.2	2.2	31.5	65.7	14.5	20.8	0.79	-0.157	-0.16	103.8	62.5
65	3.0	5.2	66.3	94.8	1.8	31.1	65.1	14.2	20.1	0.78	-0.156	-0.17	102.7	62.0
70	2.6	5.5	65.3	93.2	1.4	30.6	64.5	13.9	19.4	0.76	-0.155	-0.18	101.5	61.5
75	2.1	5.7	64.4	91.5	1.0	30.1	63.9	13.5	18.6	0.75	-0.153	-0.19	100.1	60.9
80	1.7	5.9	63.3	89.5	0.4	29.6	63.2	13.1	17.7	0.73	-0.152	-0.20	98.7	60.3
85	1.1	6.2	61.9	87.4	-0.2	28.9	62.3	12.6	16.8	0.71	-0.150	-0.21	97.1	59.5
90	0.4	6.6	60.1	84.2	-0.9	28.1	61.3	12.0	15.5	0.69	-0.148	-0.22	95.0	58.5
95	-0.6	7.1	57.1	79.6	-2.2	26.8	59.6	11.0	13.5	0.65	-0.145	-0.25	91.8	57.1
Num	7951	7951	7951	7951	7951	7951	7951	7951	7951	7951	7951	7951	7951	7951

BOLT Fall 2019 Genetic Evaluation

Current Purebreds

PCTL	CE	BW	WW	YW	MCE	Milk	MWW	STAY	CWT	REA	FAT	MARB	API	TI
Avg	**7.1**	**3.2**	**70.6**	**105.0**	**4.2**	**23.4**	**58.7**	**16.7**	**27.4**	**0.79**	**-0.125**	**-0.10**	**118.2**	**66.6**
Min	23.9	12.7	103.7	167.8	16.3	48.2	89.6	27.1	76.6	1.52	-0.062	0.37	172.1	91.0
Max	-5.4	-6.2	33.8	24.8	-9.3	6.0	37.9	5.1	-0.8	0.18	-0.184	-0.46	75.9	45.0
SD	3.38	1.82	7.95	13.24	2.85	4.14	5.01	2.13	6.55	0.118	0.0130	0.084	9.88	4.55
1	15.7	-1.6	89.6	136.3	11.0	34.0	70.7	21.7	44.1	1.08	-0.159	0.14	143.7	78.9
2	14.6	-1.0	87.3	132.8	10.2	32.7	69.3	21.0	42.0	1.04	-0.154	0.10	140.1	77.1
3	13.9	-0.5	85.8	130.4	9.6	31.9	68.4	20.6	40.7	1.02	-0.151	0.07	137.8	76.0
4	13.4	-0.2	84.9	128.5	9.2	31.2	67.7	20.3	39.6	1.00	-0.149	0.06	136.1	75.2
5	12.9	0.0	84.0	127.3	8.9	30.6	67.2	20.1	38.6	0.99	-0.147	0.04	134.7	74.5
10	11.5	0.9	80.8	122.0	7.8	28.9	65.2	19.3	35.9	0.94	-0.140	0.00	130.8	72.4
15	10.5	1.4	78.8	118.5	7.1	27.7	63.9	18.8	34.2	0.91	-0.137	-0.02	128.1	71.1
20	9.8	1.8	77.2	115.9	6.6	26.8	62.9	18.4	32.8	0.88	-0.134	-0.04	126.1	70.2
25	9.2	2.1	75.8	113.7	6.1	26.1	62.0	18.1	31.6	0.86	-0.132	-0.05	124.5	69.4
30	8.6	2.4	74.6	111.6	5.7	25.4	61.2	17.8	30.5	0.84	-0.131	-0.06	123.0	68.7
35	8.2	2.6	73.5	109.8	5.3	24.8	60.5	17.5	29.5	0.83	-0.129	-0.08	121.6	68.1
40	7.7	2.9	72.5	108.1	5.0	24.3	59.9	17.2	28.6	0.81	-0.128	-0.09	120.3	67.5
45	7.3	3.1	71.5	106.5	4.6	23.7	59.2	16.9	27.7	0.80	-0.126	-0.10	119.0	67.0
50	6.9	3.3	70.6	104.9	4.3	23.2	58.6	16.7	26.9	0.78	-0.125	-0.11	117.8	66.5
55	6.5	3.5	69.6	103.3	3.9	22.7	58.0	16.4	26.2	0.77	-0.123	-0.12	116.6	65.9
60	6.1	3.7	68.7	101.8	3.6	22.2	57.3	16.2	25.4	0.75	-0.122	-0.13	115.4	65.4
65	5.6	3.9	67.7	100.1	3.2	21.7	56.7	15.9	24.6	0.74	-0.120	-0.14	114.1	64.8
70	5.2	4.1	66.6	98.3	2.8	21.2	56.0	15.6	23.8	0.72	-0.119	-0.15	112.9	64.3
75	4.7	4.4	65.4	96.4	2.4	20.6	55.3	15.3	23.0	0.71	-0.117	-0.16	111.5	63.6
80	4.2	4.7	64.2	94.3	1.9	20.0	54.5	14.9	22.0	0.69	-0.115	-0.17	110.0	63.0
85	3.6	5.0	62.7	91.7	1.3	19.3	53.6	14.5	20.9	0.67	-0.113	-0.18	108.2	62.1
90	2.9	5.4	60.7	88.4	0.6	18.4	52.4	14.0	19.5	0.64	-0.110	-0.20	105.9	61.1
95	1.8	6.0	57.7	83.5	-0.5	17.0	50.7	13.1	17.3	0.59	-0.105	-0.23	102.6	59.6
Num	40901	40901	40901	40901	40901	40901	40901	40901	40901	40901	40901	40901	40901	40901