

BEEFMASTER

GENOMIC BREEDING VALUE REPORT

September 2026



NO 8 CATTLE CO (PTY) LTD

Herd Number: 729944

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BEEFMASTER
CATTLE BREEDERS' SOCIETY OF SA
BEESTELERSGENOOTSAP VAN SA



EBVs, EBVi's and GEBVs

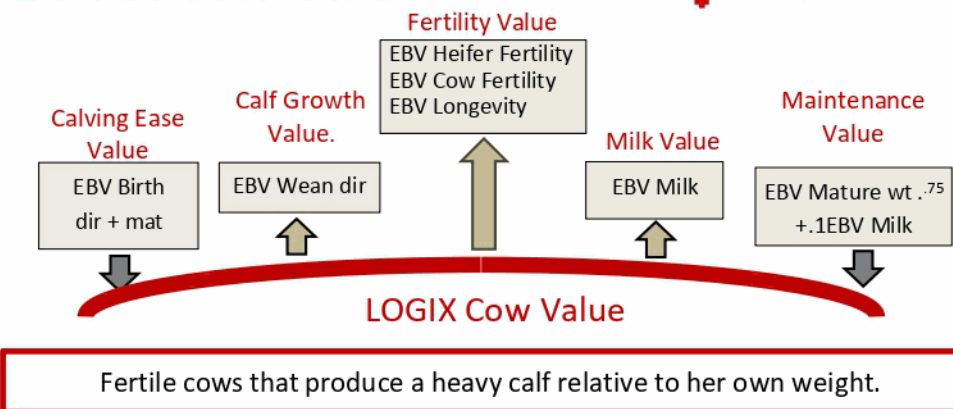
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

EBV (Breeding Value): Genetic potential relative to the average of the animals born in the base year (1990), expressed in the unit of measurement.

GEBV (Genomic Breeding Value) Interpreted like the EBVi. (GEBV = EBV + Genomic information)

LOGIX Selection values combine different breeding values in a logical way. For example, Heifer Fertility (how early a heifer starts calving), Cow Fertility (how regular she calves) and Longevity (retention within the family) are combined to form the Fertility Value.

LOGIX Cow Value



Selection Values

LOGIX Cow Value



Selecting for:

- fertile,
- low maintenance,
- easy calving cows
- with heavy weaners

LOGIX Growth Value



Select for efficient growers on veld and in feedlot, as measured in Phase C and D Growth Tests.

LOGIX Carcass Value



Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

How to use the Cow Value

Selection values should be compatible with your selection goal.

AVERAGE ANIMALS

(NO GROWTH EXTREMES)

- Selection Values 90 to 110
 - Cow Value and Fertility Value average to high
- A safe choice, as animals are profitable in most environments.

GROWERS

(GOOD ENVIRONMENT)

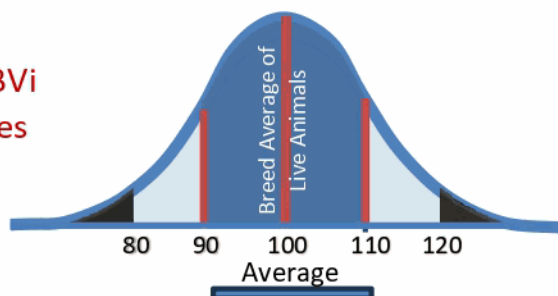
- WeanerCalf / Growth Value > 120
 - Cow Value and Fertility Value average to high
- Growers are usually heavier at birth (lower Calving Ease Value), and maturity (lower Maintenance Value).

LOW- MAINTENANCE ANIMALS

(HARSH ENVIRONMENT)

- Maintenance Value >110
 - Cow Value and Fertility Value average to high
- Lighter cows have a lower maintenance.

Interpretation of EBVi and Selection Values



Examples

Type of Animal	Cow Value	Calving Ease V	Weaner Calf V	Milk Value	Maint. Value	Fertility Value
Average	Med-High	Avg	Avg	Avg	Avg	Med-High
Grower	Med-High		High			Med-High
Low Maintenance	Med-High				High	Med-High

Contemporary Groups

The correct composition of contemporary groups is one of the cornerstones of BLUP breeding value estimation. Breeding values are estimated from the differences between animals exposed to the same environment, ***as these differences are caused by genetics***. The following aspects are important:

1. Animals at the same time, place and treatment

A contemporary group is a comparable group of animals measured at the same time in the same environment. It is therefore a comparable group of animals that were together on the same farm or camp in the same year and season. If there are animals in the group that were treated differently, they should be given a separate treatment code because their performance is influenced by other environmental influences than the rest of the group. Examples of possible different treatments are when some animals received supplements or creep feed, sale or show animals, embryo donors, sick or foster calves or even purchased cows and calves. If bull and heifer calves or older cows and young heifers were in the same camp, they should be placed in the same group – corrections for sex, age and first calving of cows are automatically made during breeding value estimation.

2. Progeny of at least two sires, of which one is a link sire

The progeny of different sires needs to be compared in the same group in order to determine the sires' genetic merit relative to each other. At least one sire should be a link sire with progeny in other herds. Genetic links between herds are used to determine the position of sires in the breed. All sires are good link sires. Smaller herds could artificially inseminate some cows or allow some cows to be covered by another herd's bull.

3. Larger groups stabilise Breeding Values

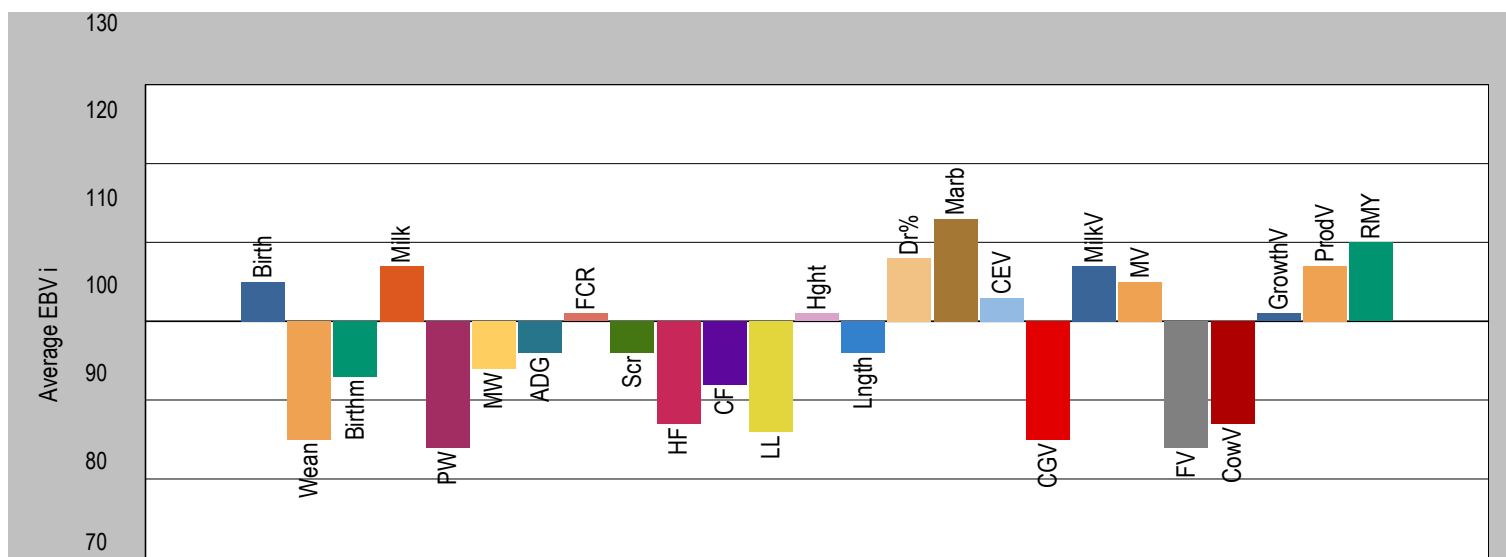
Larger groups result in more accurate and stable breeding values, as the mean and distribution of the group can be more accurately determined and are thus more representative. Groups should preferably have more than 5 animals. Weigh all the animals in the same group on the same day, as corrections for age differences are made during genetic evaluation. The use of breeding seasons rather than through the year calving will also increase contemporary group size. Groups with less than 3 animals are not included in breeding value estimation. An accidental mistake in a small group affects the animal itself, its family, all the other animals in the group and their families. The effect could be much less in large groups.

4. Measure all animals in the contemporary group

Weigh ALL the animals in the contemporary group, the good as well as the poor performers. Weigh animals before they are culled, so their parents can be penalized for their poor breeding.



Herd and Breed Averages



Breeding Values:

Birth:	Birth weight	Scr:	Scrotal circumf.
Wean:	Weaning weight	HF:	Heifer Fertility
Birthm:	Birth maternal	CF:	Cow Fertility
Milk:	Milk	LL:	Longevity
PW:	Post-wean weight	Hght:	Height
MW:	Mature weight	Lngth:	Length
ADG:	Average Daily Gain	EMA:	Eye Muscle Area
FCR:	Feed Conversion Ratio	RMY:	Carcass Value
		Marb:	Marbling

Selection Values:

CEV:	Calving Ease Value
CGV:	Calf Growth Value
MilkV:	Milk Value
MV:	Maintenance Value
FV:	Fertility Value
CowV:	Cow Value (CV)
GrowthV:	Growth Value (GV)
ProdV:	Production Value (PV)

	Trait	EBV Herd	EBV Index	EBV Breed
Prewean Growth	Birth Weight	-0.06	105	0.34
	Wean Weight	3.6	85	12.1
	Birth Mat.	0.21	93	-0.05
	Milk (Wn.Mat.)	0.6	107	-1.4
Postwean Growth	Postwean Wt	6.4	84	19.0
	Mature Weight	0	94	7
	ADG	58	96	72
	FCR	-40	101	-39
Fertility	Scrotal Circumf.	8.9	96	11.1
	Heifer Fertility	2.9	87	-7.5
	Cow Fertility	-2.5	92	-4.1
	Longevity	6.0	86	14.8
Frame	Height	2	101	1
	Length	10	96	13
Carcass	EMA	1.67	108	0.85
	Fat	0.45	106	0.11
	Marbling	1.05	113	0.30

Selection Value	Ave. Herd
Calving Ease	103
Calf Growth	85
Milk	107
Maintenance	105
Fertility	84
Cow Value	87
Growth Value	101
Production Value	107
Carcass Value	110

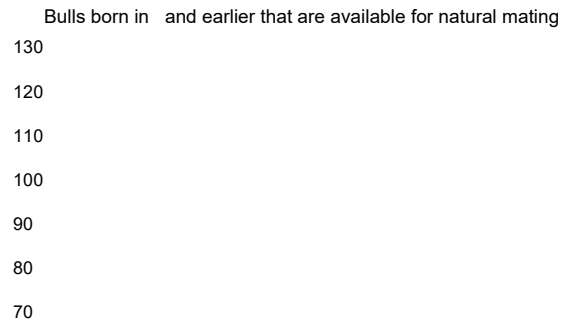
- Average of live animals in the breed: 100
- Above 100: **more favourable**,
- Below 100: **less favourable**

What does a sub-selection value above breed average (100) mean?:

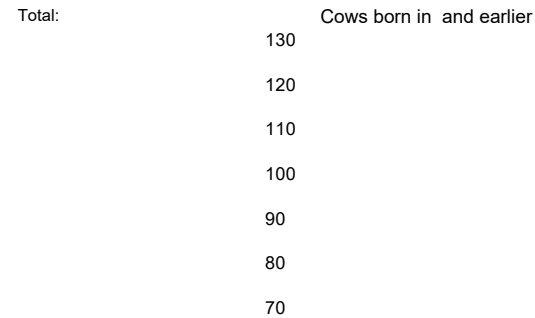
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve

Genetic Windows

Bulls on the farm



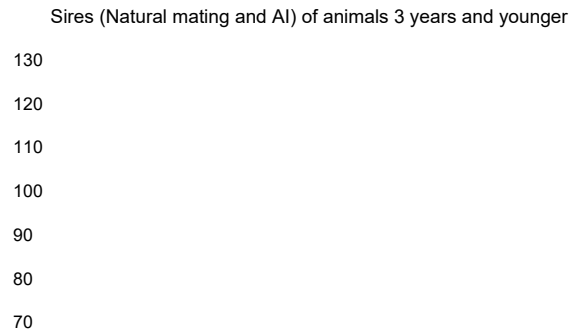
Animals available for breeding



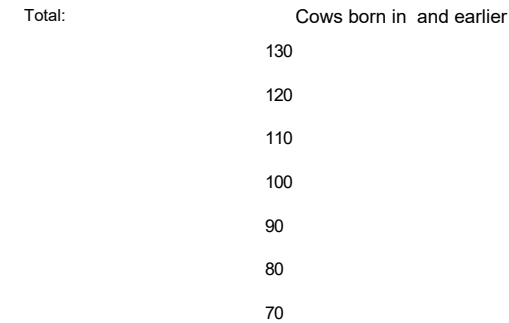
Cow Herd

Total:

Sires of young animals



Results of previous selection decisions

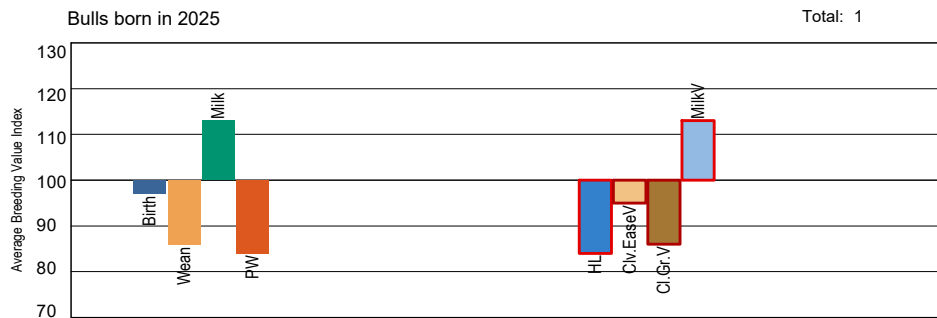


Cows older than 6 years

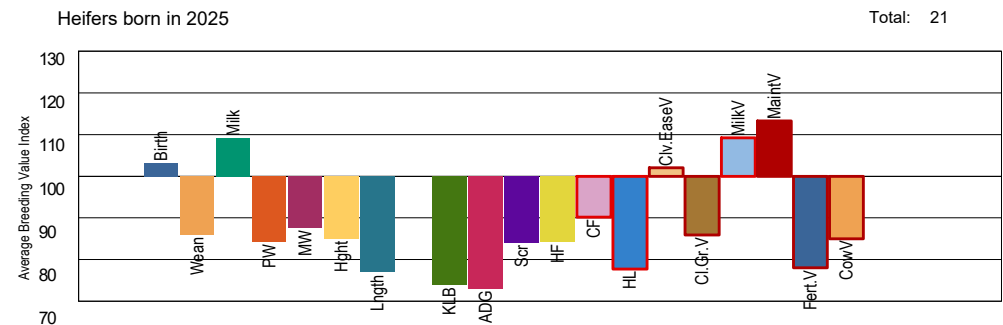
Total:

Selection possibilities

Bull calves



Heifer calves

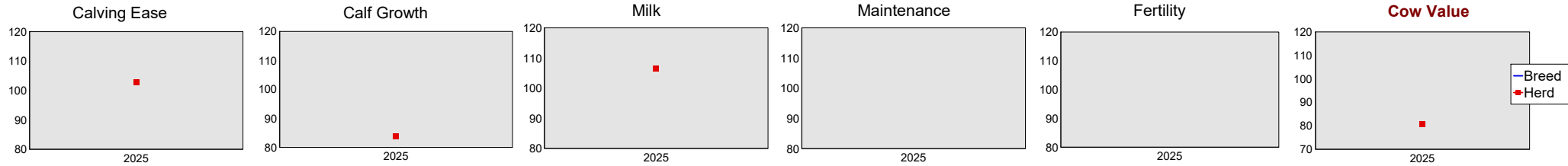


Summary of Cow Herd

			Selection Values (SV)								Calf Weight		Dam		Growth & Efficiency				Fertility				Frame		
Birth Year	No. Cows	Average Cow Value	Calving Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Growth Value	Prod Value	Birth Weight	Wean Weight	Birth Mat.	Milk (Wn.Mat)	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	
Cows in Breed Average:			100	99	100	101	100	100	99	100	100	99	99	100	99	99	99	99	99	99	100	100	100	99	99
2010	2	★★★★	107	76	109	122	98	98			110	76	87	109	75	78	64	68	74	105	104	91	74	65	
2011	2	★★★★☆	109	89	87	103	86	81			106	89	105	87	85	96	89	90	88	96	100	75	99	92	
2012	1		85	97	155						90	97	90	155	96					88		108			
2013	1		103	84	115						106	84	87	115	83							108			
2014	1	★★★★	80	102	114	96	103	98			85	102	92	114	97	102			97	104	108	97			
2015	8	★★★★☆	98	84	110	108	85	84			102	84	86	110	82	93	86	86	89	88	87	100	100	92	
2016	7	★★★★☆	103	86	107	112	79	83			105	86	92	107	84	90	74	75	80	84	84	94	88	79	
2017	2		113	81	102						113	81	95	102	80					95		109			
2019	2	★★★★☆	105	82	101	128	84	85			105	82	96	101	80	71	62	66	70	95	91	80	71	64	
2022	23	★★★★☆	105	85	105	107	81	86			106	85	93	105	83	93	82	82	86	85	89	87	95	88	
2023	49	★★★★☆	102	84	108	113	81	86			103	84	94	108	84	86	82	82	87	87	90	86	97	89	
2024	68	★★★★☆	102	84	110	119	78	83			104	84	93	110	83	81	68	70	76	85	88	83	79	71	
2025	21	★★★★☆	102	86	109	113	78	85			103	86	95	109	84	88	73	74	84	84	90	78	85	77	
2026	1		110	82	105						111	82	94	105	81					60		76			
Cows in Herd Average:			102	86	110	112	85	87			104	86	93	110	84	88	76	77	83	89	93	91	88	80	

Genetic Trends for On-Farm Traits

The graphs show the genetic gain of the herd relative to the breed. Only data of animals with measurements are included.



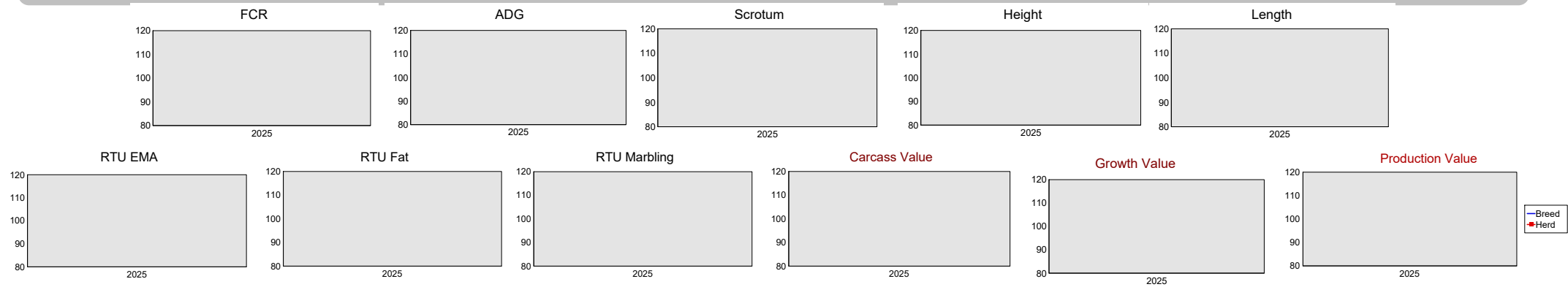
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility						Cow Value
	Birth Weight		Dir	Mat	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Milk	Postwean Weight		Mature Weight	Maintenance	Heifer Fert.		Cow Fert.		Longevity	Fertility	
	Number	EBV				Number	EBV		Number	EBV		Number	EBV	Number		EBV	Number	EBV	Number	EBV		
2025	32	-0.02	0.20	103	30	2.8	84	30	0.42	106												81

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility							Cow Value	
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Milk	Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility		
	Number	Dir EBV			Number	EBV		Number	EBV		Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV			Number
2016	13219	0.14	0.07	102	12679	9.1	95	12679	-1.48	100	8440	15.3	1794	3	102	3547	-3.4	2382	-3.3	17317	7.0	92	91	
2017	13995	0.13	0.10	101	13543	9.5	95	13543	-1.37	100	9155	16.1	1876	5	102	3705	-3.9	2610	-3.3	17744	7.7	93	92	
2018	14638	0.19	0.05	101	14085	10.0	96	14085	-1.34	100	9471	16.9	2043	6	101	3752	-4.9	2671	-3.5	18478	8.4	96	93	
2019	14156	0.27	0.02	100	13892	10.8	98	13892	-1.52	100	9219	18.0	2528	6	101	4491	-5.8	3152	-3.8	18218	9.0	97	94	
2020	15148	0.25	0.00	101	15376	10.8	98	15376	-1.55	99	10390	17.9	2588	6	100	4524	-5.8	3018	-3.8	19306	9.7	97	94	
2021	16009	0.27	0.04	100	16004	10.8	98	16004	-1.35	100	10852	18.0	2635	6	100	4750	-5.2	2794	-3.8	18490	8.9	97	95	
2022	17601	0.32	-0.01	100	16942	11.8	99	16942	-1.58	99	11576	19.5	2295	8	100	4355	-6.7	1065	-4.2	8636	9.8	100	97	
2023	18573	0.32	-0.02	100	18307	11.8	99	18307	-1.53	100	11750	19.7	741	11	99	2183	-7.2	100	-4.8			102	98	
2024	18117	0.35	-0.05	100	16963	12.1	100	16963	-1.48	100	9904	20.0	3	6	99	166	-7.7					105	99	
2025	17947	0.27	-0.03	101	15468	12.0	100	15468	-1.38	100	2468	22.0			98									99
2026	5644	0.19	0.00	102	192	13.1	102	192	-1.95	98														100

Genetic Trends for Growth Test Traits



Herd

Birth Year	Growth									Frame						Carcass						Selection Values			
	FCR			ADG			Scrotum			Height			Length			EMA			Fat		Marbling		Carcass Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	RTU Number	EBV	EBVi	EBV	EBVi	EBV	EBVi			
2025																									

Breed

Birth Year	Growth									Frame						Carcass						Selection Values			
	FCR			ADG			Scrotum			Height			Length			RTU Number	EMA		Fat		Marbling		Cracss Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi		EBV	EBVi	EBV	EBVi					
2017	62	-38	100	1015	76	101	979	12.8	103	953	4	105	953	15	102	101	0.00	91	0.00	98	0.00	95	93	97	91
2018	16	-50	110	835	94	106	830	14.6	106	830	6	107	830	18	105	33	1.18	103	0.28	103	0.55	104	108	102	93
2019	13	-43	103	772	95	106	773	14.5	106	767	6	108	766	19	106	32	0.58	97	-0.14	96	0.44	102	100	101	94
2020	15	-50	110	1035	102	108	1026	15.8	108	960	6	108	960	21	108	60	1.56	107	-0.22	94	0.67	107	109	104	96
2021	20	-40	101	1162	102	108	1151	15.5	108	1048	5	107	1048	21	108	148	1.41	106	-0.20	95	0.46	103	106	104	97
2022	20	-45	106	1222	104	109	1266	14.4	106	1115	5	106	1115	21	108	147	1.11	103	-0.08	97	0.28	100	103	104	99
2023	10	-52	112	1270	110	110	1263	15.5	108	1127	5	107	1127	22	109	250	1.52	107	0.14	101	0.58	105	109	106	101
2024	11	-49	109	918	108	110	945	16.3	109	790	5	106	790	22	109	127	1.57	107	0.12	100	0.66	106	108	105	101
2025				54	90	105	58	13.0	103	58	0	98	58	14	100	25	1.70	109	-0.30	93	0.47	103	108	100	106
2026																									

Sires

Bull				Selection Values							Calf		Dam		Growth				Fertility				Frame		Carcass			Measured Progeny			
ID	Index EBV Acc	Sire ID	Dam ID	Calv. Ease Value	Calf Grwth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	Birth Dir	Wean Dir	Birth Mat.	Wean Mat.	Post wn wt	Mature weight	ADG	FCR	Scrotal	Heifer Fertility	Cow Fertility	Long-evi ty	Height	Length	EMA	Fat	Marbling	Birth Grwth Test	Wean Dgt/Calvs.	
BA 120059		MAJ 070230	MAJ 070221	114	103	110	107	108	124	73	112	109	103	110	110	91	93	78	60	99	112	105	104	89	94	96	110	115	27	26	
12 0059				86	87	79	58	68	70	38	64	-0.43	13.7	-0.44	1.5	12.4	-1	-9	4	10.8	-16.8	-5.1	17.4	-5	8	0.47	0.68	1.14			
												88	87	81	79	74	58	49	25	52	71	51	81	52	51	27	24	24	13	28	
BC 171009		BC 141053		96	93	99		78				97	93	99	99	87				72	85	92							2	2	
BMAMBC171009				53	59	35		29				0.58	8.3	0.00	-1.6	9.0				14.5	-1.0	9.6									
												59	59	33	35	38				26	14	47									
BC 202060		BC 161532	BC 153014	100	106	91		103				101	106	96	91	104				98		113							4	4	
BC202060				60	66	43		20				0.22	15.6	0.12	-3.9	21.9				-6.3		22.7									
												66	66	40	43	50				10		47									
BC 215159		BC 181137	BC 125014	98	100	106	89	97	92			100	100	92	106	93	109	90		85	93	98	103	99	92				1	1	
BC215159				61	64	47	23	33	43			0.31	12.0	0.24	0.3	13.3	18	35		2.6	-2.1	-3.6	16.5	1	5						
												65	64	47	47	50	23	33		37	36	15	48	38	36						
BC 222028		TG 180004	BC 161097	99	111	87	96	103	99			100	111	96	87	102	102	100	98	107	92	106	108	113	111	99	99	109	1	1	
22 2028				59	61	46	19	33	41			0.34	18.2	0.12	-5.0	20.4	10	73	-37	15.3	-0.9	-5.2	20.0	9	24	0.74	0.06	0.80			
												63	61	44	46	46	19	14	7	15	34	20	46	15	14	7	7	7			
BC 222071		BC 161035		103	94	99	100	74	75			104	94	95	99	90	98			74	84	83							1	1	
22 2071				53	59	39	5	26	35			0.01	8.3	0.14	-1.6	11.4	5			13.1	-0.9	4.2									
												58	59	37	39	38	5			26	14	37									
TG 160084		TG 070055		101	113	95	84	105	100	101	96	103	113	93	95	114	118	107		124	93	113	104	110	110				23	21	
160084				77	81	47	20	38	50	22	44	0.13	19.6	0.22	-2.9	29.6	27	96		24.8	-2.1	-6.7	17.5	7	23				2	3	
												82	81	58	47	66	20	37		67	32	14	67	45	43						
TG 180004		BA 120059	WO 100255	109	108	93	100	109	112	94	106	108	108	98	93	97	99	102	97	113	100	103	118	112	114	108	110	115	8	8	
18004				72	70	56	37	45	52	21	46	-0.35	16.8	0.04	-3.4	16.7	6	81	-35	18.5	-7.8	-4.7	25.8	8	27	1.64	0.68	1.14			
												76	70	57	56	56	37	27	13	29	46	31	59	29	28	15	13	13			
X 120105		X 020006		99	114	100	89	112	112	103	107	109	114	100	68	100	114	111	111	107	113	108	126	95	112	112	108	109	112	164	112
X120105				97	97	94	93	94	87	92	88	-0.40	20.4	1.19	-1.3	30.0	19	113	-46	18.8	-14.0	-9.4	11.4	8	25	1.69	0.62	0.98			
												98	97	95	94	96	93	92	92	92	94	92	95	92	92	92	92	92		13	26

Breeding Values and Accuracies: Bulls

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
PB 120049 79972014 PB120049				113 88	119 87	81 83	92 79	108 82	111 77	106 78	107 77	108 78	107 -0.24 89	115 -0.65 83	108 16 79	119 22.8 87	81 -6.7 83	99 40 83	114 29.8 83	107 98 78	98 -37 78	117 20.6 78	100 -7.2 81	124 -8.9 78	96 12.6 86	117 11 78	109 22 78	108 1.67 78	99 0.07 78	113 1.04 78
X 120105 77480440 X120105				99 97	114 97	100 94	89 93	112 94	112 87	103 92	107 88	112 92	109 -0.40 98	68 1.19 95	111 19 93	114 20.4 97	100 -1.3 94	109 63 95	114 30.0 96	111 113 92	107 -46 92	113 18.8 92	108 -14.0 94	126 -9.4 92	95 11.4 95	112 8 92	112 25 92	108 1.69 92	109 0.62 92	112 0.98 92
CM 180030 88091418 CM1830				116 55	84 59	103 44	117 20	83 32	92 40				109 -0.45 59	114 -0.61 43	85 -10 20	84 3.0 59	103 -0.5 44	90 19 41	82 4.9 38	78 -8 5		82 0.7 12	107 -13.2 36	83 -0.6 21	76 -0.2 40	85 -7 5	79 -7 5			
TG 180004 88469036 18004				109 72	108 70	93 56	100 37	109 45	112 52	94 21	106 46	110 14	108 -0.35 76	98 0.04 57	99 6 37	108 16.8 70	93 -3.4 56	102 46 54	97 16.7 56	102 81 27	97 -35 13	113 18.5 29	100 -7.8 46	103 -4.7 31	118 25.8 59	112 8 29	114 27 28	108 1.64 15	110 0.68 13	115 1.14 13
CM 190016 89344600 CM1916				122 71	103 71	91 60	95 32	104 48	107 53				119 -1.22 74	103 -0.16 61	103 11 32	103 14.0 71	91 -3.9 60	93 26 54	101 20.1 66	100 73 11		101 11.5 16	117 -21.0 55	104 -4.9 28	92 9.8 61	100 1 12	98 11 11			
BC 222027 6020240211 22 2027				88 51	91 32	99 32	119 12	81 21	80 28				90 1.21 55	98 0.04 35	83 -13 12	91 6.7 32	99 -1.8 32	94 29 25	87 9.1 22	77 -13 7		80 -0.1 8	96 -4.0 27	93 -2.7 11	71 -3.2 25	88 -6 8	80 -5 7			
BC 222058 6020241482 22 2058				89 49	95 29	112 27		70 12					92 1.02 54	93 0.22 31		95 9.0 29	112 2.0 27		91 12.1 20				72 14.6 12		72 -2.3 21					
BC 232017 98884059 23 2017				96 47	94 52	108 28	101 6	78 20	80 30				98 0.49 53	94 0.19 27	97 3 6	94 8.6 52	108 0.9 28	100 42 29	91 12.4 30	93 46 5		95 8.5 5	86 3.3 26	93 -2.6 9	74 -1.4 24	104 4 5	99 12 5			
BC 232030 98909195 23 2030				101 47	92 52	111 31							102 0.13 52	94 0.18 28		92 7.3 52	111 1.7 31		90 11.0 23						86 6.1 24					
BC 232041 98883887 23 2041				97 47	87 52	120 29	103 6	80 19	85 30				99 0.46 53	95 0.13 27	95 1 6	87 4.8 52	120 4.2 29	104 51 29	85 7.2 30				86 3.5 26	93 -2.7 8	77 0.6 24					
BC 232046 98883911 23 2046				96 56	97 59	106 43	93 11	98 26	92 37				98 0.49 60	95 0.16 40	105 12 11	97 10.6 59	106 0.2 43	98 38 38	92 12.6 42	90 35 16		90 5.5 19	100 -7.3 30	101 -4.3 10	96 12.2 37	103 3 19	95 8 18			
BC 232047 98883929 23 2047				93 47	100 52	108 28		70 18					95 0.71 53	95 0.15 26		100 11.9 52	108 0.9 28		95 15.4 35				63 21.7 25	92 -2.5 6	75 -0.7 24					

Breeding Values and Accuracies: Bulls

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Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																	
Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass					
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling		
ID Number Name																															
BC 232060	98883986	BC 141136	103 53	76 57	93 42		75 25					107 -0.25 57	86 0.49 38		76 -2.0 57	93 -3.5 42	75 -17 34		72 -2.4 32				82 6.5 28	85 -1.0 15	77 0.3 31						
BC 232064	98883739	TG 180004 BC 141042	108 59	93 62	91 49	118 22	97 34	99 43			83 7	110 -0.46 63	91 0.31 47	85 -10 22	93 8.1 62	91 -3.9 49	89 17 44		86 8.3 42	82 7 14	80 -18 7		91 6.2 15	95 -3.4 37	96 -3.3 23	103 17.0 42	91 -4 15	89 3 14	80 -1.08 7	100 0.09 7	103 0.49 7
BC 232065	98883747	TG 180004 BC 141211	110 59	94 62	91 48	117 19	89 32	94 42			83 7	109 -0.43 63	98 0.04 47	86 -9 19	94 8.4 62	91 -4.0 48	89 17 43		87 8.7 41	82 7 14	77 -15 7		92 6.4 15	87 3.0 34	90 -2.0 21	99 14.2 42	90 -4 14	89 3 14	80 -1.12 7	99 0.05 7	102 0.40 7
BC 232067	98883762	BC 153015	97 51	79 55	119 39	112 8	83 16	84 33				101 0.24 55	87 0.46 36	89 -5 8	79 -0.3 55	119 4.0 39	96 33 34		77 1.1 32				84 4.9 19		89 8.2 27						
BC 232068	98883754	X 100177	104 54	71 58	115 43	124 5	85 27	87 36				105 -0.10 58	93 0.21 41	76 -20 5	71 -4.6 58	115 2.7 43	89 17 35		69 -4.6 40	65 -56 5			74 -3.9 6	97 -4.9 29	93 -2.7 18	78 1.2 35	75 -13 6	67 -18 5			
BC 232078	98883796	BC 202060 X 130139	92 58	101 62	116 47		99 26					96 0.68 62	90 0.33 43		101 12.8 62	116 3.0 47	111 68 37		100 19.2 46				93 -2.2 27	98 -3.8 13	106 18.3 39						
BC 232080	98883804	BC 202060 BC 141032	91 59	101 62	104 47	93 10	103 29	96 40				94 0.85 63	94 0.18 44	104 12 10	101 12.8 62	104 -0.3 47	101 44 40		97 17.0 43				96 9.0 6	102 -9.1 30	101 -4.3 16	104 17.6 40					
BC 232085	98883820	BC 161005	116 50	52 54	93 38	138 8	77 22	67 33				118 -1.19 55	88 0.42 34	57 -42 8	52 -15.7 54	93 -3.3 38	50 -77 33		49 -20.4 35				87 3.0 25	82 -0.4 13	81 2.7 29						
BC 232086	98884109	BC 141030	101 53	84 56	98 41	122 14	83 27	84 36				101 0.22 57	97 0.06 39	79 -17 14	84 2.6 56	98 -1.9 41	87 12 37		79 2.7 34	75 -19 10		79 -0.9 11	98 -6.2 29	87 -1.4 18	79 1.6 33	88 -6 11	79 -7 11				
BC 232089	98889413	BC 161097	103 49	74 52	108 36		82 22					104 -0.01 53	95 0.16 34		74 -3.1 52	108 0.9 36	86 10 31		71 -3.6 32				92 -1.0 25	91 -2.2 12	78 1.4 30						
BC 232091	98889314	BC 153017	110 49	72 54	102 36							112 -0.66 54	91 0.32 33		72 -4.3 54	102 -0.8 36			68 -5.7 31				88 1.9 16		87 6.6 26						
BC 232095	98889322	BC 212068	107 47	73 52	108 28		75 18					108 -0.37 53	93 0.20 26		73 -3.5 52	108 0.7 28			70 -4.0 30				83 5.9 25	86 -1.2 6	76 0.0 24						

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Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values									Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V		Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																															
BC 232096 98889330 23 2096		BC	212056	104 47	79 52	113 28			78 19					106 -0.14 53	92 0.25 27		79 0.1 52	113 2.3 28		77 1.2 32				86 3.7 25	90 -2.1 7	77 0.2 24					
BC 232098 98889355 23 2098		BC	153014	109 48	84 52	101 36								109 -0.43 52	95 0.15 32		84 3.0 52	101 -1.2 36		82 4.8 30						87 7.0 27					
BC 232099 98889363 23 2099		BC	161107	101 48	85 51	104 34								102 0.18 52	96 0.11 32		85 3.7 51	104 -0.4 34		83 6.2 22						84 4.9 27					
BC 232108 98889371 23 2108		BC	202060 BC 161049	100 56	92 60	107 43			91 27					103 0.08 61	89 0.40 40		92 7.2 60	107 0.6 43	96 34 35	89 10.6 43				89 1.3 28	91 -2.3 15	101 15.2 37					
BC 232111 98889405 23 2111		BC	202060 BC 151100	96 57	94 61	99 44			94 27					100 0.36 61	89 0.38 41		94 8.5 61	99 -1.7 44	92 23 36	91 12.1 44				96 -4.2 27	89 -1.9 15	102 16.1 39					
BC 232113 98889439 23 2113		BC	212007	104 46	79 49	104 26			77 15					105 -0.12 52	95 0.16 26		79 0.2 49	104 -0.2 26	86 10 26	76 0.2 30				86 3.5 13	91 -2.2 7	73 -1.8 24					
BC 232114 98889447 23 2114		BC	161152	112 51	79 55	93 38			90 22					114 -0.85 55	89 0.40 35		79 -0.3 55	93 -3.4 38		76 0.4 36				99 -6.4 25	101 -4.2 13	80 2.7 29					
BC 232122 98889454 23 2122		X	130063	119 53	59 57	98 41	135 5	78 25	75 35					117 -1.10 57	99 0.00 38		62 -36 5	59 -11.7 57	98 -2.0 41	62 -47 34	57 -14.3 37	47 -119 5		57 -13.5 5	94 -2.9 26	85 -1.1 16	74 -1.6 32	56 -24 5	47 -37 5		
BC 235001 98889280 23 5001		BC	155037	103 47	92 50	114 33	96 16							105 -0.06 51	93 0.21 31		101 8 16	92 7.7 50	114 2.4 33	101 44 33	91 11.8 28				84 5.0 26						
BC 235003 98889306 23 5003		BC	165016	101 46	96 50	112 32								103 0.07 51	93 0.23 28		96 9.7 50	112 1.9 32		94 14.5 29				73 13.6 11		89 7.8 24					
BC 235005 98889744 23 5005		BC	125060	113 46	80 50	105 31								113 -0.76 51	93 0.21 30		80 0.7 50	105 0.0 31		78 2.0 28						83 4.5 26					
BC 235006 98889751 23 5006		BC	155042	104 46	91 50	105 32								107 -0.21 51	89 0.39 30		91 6.8 50	105 -0.1 32		89 10.4 29				87 2.7 11		83 4.4 26					

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Animal				Selection Values									Birth		Wean				Growth			Fertility				Frame		Carcass		
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
BC 235015 98889488 23 5015		BC 215119		113 46	81 51	111 26							113 -0.71 52	95 0.13 25		81 1.3 51	111 1.6 26		79 3.1 27				88 1.7 23		77 0.4 22					
BC 235021 98889520 23 5021		BC 215009		96 46	95 50	110 24							98 0.53 52	95 0.14 23		95 9.0 50	110 1.3 24		92 13.1 24				85 4.6 23		78 1.2 22					
BC 235022 98889587 23 5022		BC 215147		96 46	96 47	110 22							98 0.54 52	95 0.14 23		96 9.5 47	110 1.3 22		93 13.7 22						75 -0.8 22					
BC 235027 98889579 23 5027		BC 155033		107 45	93 50	95 31							108 -0.32 50	93 0.21 28		93 8.1 50	95 -2.7 31		91 11.9 22						84 4.8 26					
BC 235029 98889496 23 5029		BC 155012		118 48	80 50	113 33	100 15	83 15	84 31				119 -1.20 52	92 0.25 32	98 5 15	80 0.3 50	113 2.2 33	88 14 33	78 1.8 29				87 2.6 16		84 5.1 26					
BC 235030 98889512 23 5030		BC 171009 BC 165001		104 50	86 53	105 33		83 18					106 -0.15 55	92 0.24 32		86 4.2 53	105 0.0 33	89 16 29	82 5.4 35				83 5.7 13	86 -1.3 7	93 10.6 35					
BC 235031 98889603 23 5031		BC 165023		96 46	98 51	114 34							97 0.61 51	98 0.04 30		98 10.8 51	114 2.5 34		96 15.6 24				83 6.0 11		89 7.9 26					
BC 235034 98889702 23 5034		BC 165031		108 46	86 51	115 34							107 -0.29 51	98 0.04 30		86 3.8 51	115 2.8 34		85 7.1 29						87 6.5 26					
BC 235035 98889678 23 5035		BC 215017		118 46	79 51	103 26							117 -1.11 52	94 0.18 25		79 -0.3 51	103 -0.5 26		76 0.5 24				89 1.0 23		77 0.7 22					
BC 235043 98889629 23 5043		BC 165029		104 45	96 50	103 31							105 -0.10 50	94 0.20 28		96 9.6 50	103 -0.6 31		93 14.0 28						81 2.8 26					
BC 235052 98889652 23 5052		BC 155059		119 46	74 51	111 34							120 -1.36 51	88 0.41 30		74 -3.0 51	111 1.7 34		73 -2.2 29						86 6.2 26					
BC 235054 98889660 23 5054		BC 125050		93 48	101 53	126 34							96 0.67 53	92 0.26 30		101 12.9 53	126 5.9 34		100 18.9 24				80 8.5 11		86 6.4 25					

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name				46	50	33	15								-0.17 51	0.19 29	9 15	4.4 50	3.8 33	39 33	7.9 28				7.9 11		2.9 26			
BC 235055 98890353 23 5055		BC	165018	105 46	87 50	118 33	96 15						106 -0.17 51	94 0.19 29	101 9	87 4.4 50	118 3.8 33	99 39 33	86 7.9 28				80 7.9 11		81 2.9 26					
BC 235056 98890361 23 5056		BC	165014	101 46	94 50	107 31							103 0.09 51	94 0.18 30		94 8.8 50	107 0.6 31		92 12.9 23						84 5.0 26					
BC 235057 98890379 23 5057		BC	165034	112 46	87 51	109 34							112 -0.64 51	95 0.16 30		87 4.5 51	109 1.1 34		86 7.8 23						86 6.2 26					
BC 235059 98890395 23 5059		BC	155017	115 46	78 50	104 32							117 -1.04 51	90 0.34 28		78 -0.7 50	104 -0.4 32		77 0.9 28				83 5.9 11		87 6.7 25					
BC 235063 98890437 23 5063		BC	135028	101 46	89 50	103 32							105 -0.09 51	86 0.49 30		89 6.0 50	103 -0.7 32		87 9.1 23				87 2.6 11		84 5.2 26					
BC 235064 98890445 23 5064		BC	155055	101 46	95 50	106 31							103 0.07 51	91 0.31 30		95 9.0 50	106 0.4 31		93 13.4 23						84 5.0 26					
BC 235065 98890452 23 5065		BC	135041	103 46	88 50	104 32							103 0.11 51	98 0.02 30		88 5.2 50	104 -0.3 32		86 8.3 23				88 1.7 11		83 4.4 26					
BC 235069 98890478 23 5069		BC	135043	103 46	88 51	107 34							106 -0.13 51	91 0.31 30		88 5.3 51	107 0.6 34		87 8.8 29						86 6.3 25					
BC 235071 98890494 23 5071		BC	155003	107 46	91 51	102 34							108 -0.33 51	93 0.20 30		91 6.7 51	102 -0.9 34		89 10.6 24				85 4.2 11		88 7.6 26					
BC 235072 98890502 23 5072		BC	155018	106 47	90 50	106 33	109 15	85 13	90 30				107 -0.27 52	93 0.22 31	92 -2 15	90 6.0 50	106 0.3 33	95 31 33	87 9.1 29				90 0.7 11		82 3.7 26					
BC 235075 98890528 23 5075		BC	165008	106 46	89 50	109 33							107 -0.23 51	95 0.15 29		89 5.5 50	109 1.2 33		87 9.0 28						80 2.6 26					
BC 235076 98890536 23 5076		BC	165004	112 46	85 51	107 34							113 -0.73 51	93 0.21 30		85 3.5 51	107 0.6 34		84 6.3 23						87 6.8 26					

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ID Number Name																														
BC 235077 98890544 23 5077		BC	175052	100 46	90 51	114 34							103 0.11 51	92 0.25 30		90 6.2 51	114 2.6 34		88 9.7 31				87 3.0 11	88 7.1 25						
BC 235081 98890585 23 5081		BC	175039	107 44	84 47	106 22							109 -0.39 49	91 0.30 25		84 3.1 47	106 0.3 22		82 5.3 22					83 4.3 25						
BC 235083 98890593 23 5083		BC	125014	117 46	77 50	102 31							117 -1.06 51	94 0.17 30		77 -1.2 50	102 -0.9 31		75 -0.1 28					84 4.8 26						
BC 235085 98890619 23 5085		BC	155041	113 46	81 51	105 34							115 -0.90 51	89 0.36 30		81 1.1 51	105 0.1 34		79 3.1 23					84 5.1 26						
BC 235086 98890627 23 5086		BC	155045	106 46	86 48	106 28							107 -0.26 51	95 0.15 30		86 3.8 48	106 0.4 28		84 6.4 23					82 3.4 26						
BC 235089 98890643 23 5089		BC	175017	113 47	63 51	112 35	120 15	82 13	78 31				113 -0.74 52	94 0.18 31	81 -15 15	63 -9.4 51	112 2.0 35	75 -17 34	62 -10.6 29				99 -6.4 11	81 3.1 26						
BC 235091 98890650 23 5091		BC	175001	111 44	85 48	102 28							112 -0.70 49	92 0.27 25		85 3.3 48	102 -0.8 28		83 6.0 23					88 7.3 21						
BC 235092 98890668 23 5092		BC	165021	99 46	96 51	112 34							100 0.36 51	97 0.06 30		96 9.9 51	112 1.9 34		94 14.2 29					88 7.1 26						
BC 235093 98890676 23 5093		BC	215142	110 46	72 51	100 26							110 -0.51 52	94 0.17 24		72 -4.0 51	100 -1.3 26		68 -5.8 24				94 -2.6 23	76 -0.1 22						
BC 235111 98890726 23 5111		BC	165022	105 46	89 50	109 31							107 -0.22 51	92 0.26 30		89 5.9 50	109 1.1 31		87 9.3 29					86 6.3 26						
BC 235115 98890759 23 5115		BC	175015	112 48	80 53	102 32							112 -0.66 53	95 0.12 30		80 0.5 53	102 -0.9 32		78 2.3 23				89 1.3 11	86 6.2 23						
BC 235121 98890809 23 5121		BC	155011	103 46	86 51	104 34							105 -0.11 51	92 0.26 30		86 3.9 51	104 -0.2 34		83 6.0 29					85 5.3 26						

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Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
BC 235129		BC	215179	107 46	75 50	105 24							108 -0.32 52	94 0.17 23		75 -2.3 50	105 -0.1 24		73 -2.1 24				90 0.0 23		77 0.3 22					
BC 235130		BC	215077	102 46	86 51	103 27							103 0.09 52	95 0.15 25		86 4.3 51	103 -0.5 27		84 6.8 27				82 6.4 24		80 2.4 22					
BC 235132		BC	215078	119 46	65 51	103 25							119 -1.20 52	96 0.11 24		65 -8.4 51	103 -0.6 25		62 -10.2 27				94 -2.9 23		79 1.9 22					
BC 235133		BC	215197	106 46	74 51	118 27							107 -0.26 52	95 0.16 25		74 -3.0 51	118 3.7 27		70 -4.0 24				88 1.6 23		77 0.5 22					
BC 235134		BC	215045	101 46	81 51	110 26							102 0.18 52	96 0.09 25		81 0.9 51	110 1.4 26		79 2.4 24				88 2.1 23		79 2.0 22					
BC 235139		BC	175011	101 48	92 51	116 35	94 15	85 15	87 31				102 0.15 52	95 0.15 32	103 10 15	92 7.6 51	116 3.0 35	102 46 34	91 11.8 30				84 5.1 16		88 7.1 26					
BC 235141		BC	135018	120 45	71 50	97 31							121 -1.39 50	91 0.32 28		71 -4.7 50	97 -2.2 31		69 -5.0 22						84 4.7 25					
BC 235148		BC	175043	92 46	93 50	115 32							95 0.72 51	91 0.30 30		93 8.2 50	115 2.7 32		91 12.1 28				86 3.1 11		79 1.8 26					
BC 235154		BC	175041	96 46	95 51	103 34							99 0.42 51	93 0.23 30		95 9.2 51	103 -0.6 34		92 13.2 24						87 6.5 26					
BC 235158		BC	125038	99 46	84 50	105 31							103 0.11 51	88 0.43 30		84 3.0 50	105 0.1 31		82 5.1 22						82 3.8 26					
BC 235159		BC	155020	96 46	95 51	108 34							99 0.45 51	93 0.21 30		95 9.5 51	108 0.9 34		93 13.7 29						84 4.7 26					
BC 235160		BC	135019	105 46	88 51	119 34							106 -0.13 51	95 0.14 30		88 5.4 51	119 4.0 34		86 8.3 30				87 3.1 11		86 6.3 25					

Breeding Values and Accuracies: Bulls

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values									Birth		Wean				Growth			Fertility				Frame		Carcass		
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
BC 235163 98893282 23 5163		BC	165045	101 48	87 53	106 35							100 0.31 53	102 -0.15 32		87 4.6 53	106 0.3 35		86 7.9 34				93 -1.8 11		87 6.9 26					
BC 235165 98893290 23 5165		BC	165026	90 46	95 51	113 34							94 0.87 51	92 0.28 30		95 9.1 51	113 2.2 34		92 13.1 23						87 6.8 26					
BC 235168 98893316 23 5168		BC	155058	100 48	82 53	114 34							103 0.09 53	91 0.30 30		82 1.8 53	114 2.4 34		80 3.9 23						86 6.1 25					
BC 235172 98893332 23 5172		BC	155060	101 46	82 50	99 32							104 0.00 51	90 0.34 28		82 1.5 50	99 -1.7 32		79 2.9 28				90 0.7 11		86 6.3 26					
BC 235173 98893340 23 5173		BC	175020	105 47	81 51	93 35	121 16						107 -0.23 51	93 0.23 31	81 -14 16	81 1.0 51	93 -3.4 35	78 -9 34	78 2.4 29						88 7.2 26					
BC 235175 98893357 23 5175		BC	155049	96 44	80 48	109 28							99 0.42 49	91 0.31 25		80 0.4 48	109 1.2 28		77 1.5 22						86 6.3 24					
BC 235179 98893373 23 5179		BC	175034	97 47	93 51	120 34		81 13					100 0.30 52	89 0.39 31		93 8.2 51	120 4.3 34		91 12.3 30				82 6.9 11		87 6.6 26					
BC 235185 98893407 23 5185		BC	215021	106 49	91 54	102 30		78 16					105 -0.11 54	101 -0.07 30		91 6.9 54	102 -0.9 30		87 9.1 27				81 7.1 23		76 -0.3 22					
BC 235187 98893423 23 5187		BC	215066	117 46	79 51	105 25							117 -1.04 52	94 0.17 25		79 0.1 51	105 0.0 25		77 1.3 27				83 5.9 23		77 0.8 22					
BC 235188 98893431 23 5188		BC	215080	114 45	79 50	103 24							114 -0.81 51	94 0.16 22		79 -0.2 50	103 -0.5 24		75 -0.5 24				85 4.2 23		79 1.5 22					
BC 235189 98893449 23 5189		BC	215072	111 46	75 51	102 26							111 -0.57 52	96 0.10 25		75 -2.1 51	102 -0.7 26		72 -2.4 24				88 2.2 23		79 1.5 21					
BC 235191 98893464 23 5191		BC	215094	111 45	74 51	102 25							112 -0.62 51	95 0.14 23		74 -3.1 51	102 -0.9 25		72 -2.7 24				88 1.6 23		78 1.2 22					

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID Dam ID		Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
BC 235193 98893472 23 5193		BC 165030		101 47	90 51	108 34							103 0.07 51	91 0.29 31		90 6.4 51	108 0.8 34		88 9.9 29				77 10.9 16		89 7.8 26						
BC 235199 98893506 23 5199		BC 165002		101 45	89 50	105 31							102 0.14 50	95 0.13 27		89 5.8 50	105 0.0 31		87 8.8 30						88 7.1 26						
BC 235203 98893530 23 5203		BC 155002		110 45	76 50	100 31							111 -0.59 50	94 0.20 27		76 -1.9 50	100 -1.4 31		73 -1.5 22						85 5.4 26						
BC 242022 98894710 24 2022		BC 222021		103 47	84 52	106 28	108 6	83 19	81 29				105 -0.06 53	94 0.20 27	93 -1 6	84 2.8 52	106 0.1 28	89 15 29	79 2.4 35	88 27 5		91 5.9 5	91 -0.2 26	91 -2.3 9	80 2.7 23	98 0 5	93 6 5				
BC 242039 98909047 24 2039	TG 180004 X 130198			106 60	96 63	100 49	107 20	93 34	97 43			95 7	108 -0.36 64	89 0.38 47	93 0 20	96 10.1 63	100 -1.3 49	98 37 44	89 10.7 46	93 45 14	93 -32 7		100 11.3 14	91 -0.5 37	90 -2.1 22	102 16.3 42	104 4 14	102 15 14	90 -0.16 7	101 0.14 7	107 0.68 7
BC 242046 98894835 24 2046		BC 175048		96 47	103 51	106 35							99 0.39 51	90 0.36 31		103 13.6 51	106 0.4 35		98 17.3 28				81 7.3 16		91 9.5 25						
BC 242058 98909054 24 2058		BC 153015		98 51	88 55	112 39	97 8	86 16	82 33				102 0.14 55	86 0.52 36	100 7 8	88 5.2 55	112 1.8 39	95 30 34	84 6.9 32				80 8.5 19		96 12.5 27						
BC 242061 98894892 24 2061		BC 222071 BC 155003		105 51	89 55	103 39		88 19					106 -0.16 56	95 0.14 35		89 6.0 55	103 -0.5 39	89 17 32	86 8.1 36				83 5.5 17	88 -1.6 7	101 15.4 32						
BC 242062 98894900 24 2062	TG 180004 BC 165045			102 57	109 59	94 44	92 19	107 27	103 39			109 7	100 0.33 61	103 -0.19 42	107 15 19	109 17.1 59	94 -3.2 44	99 40 41	101 19.9 43	107 98 14	108 -48 7		113 18.5 14	98 -6.1 26	102 -4.5 15	116 24.6 39	120 13 14	116 28 14	107 1.56 7	100 0.11 7	97 0.14 7
BC 242063 98894918 24 2063		BC 155056		110 46	81 51	96 34							112 -0.69 51	88 0.42 30		81 1.1 51	96 -2.6 34		78 2.1 28				87 2.8 11		97 13.1 25						
BC 242066 98894934 24 2066	TG 180004 BC 165028			118 55	96 58	105 44	97 19	106 26	109 38			101 7	116 -1.03 59	99 -0.01 41	100 7 19	96 9.8 58	105 -0.1 44	98 37 40	90 11.3 40	99 70 14	98 -37 7		105 14.1 14	99 -6.8 25	99 -3.9 15	116 24.7 39	112 8 14	108 20 14	99 0.77 7	99 0.03 7	93 -0.12 7
BC 242068 98894942 24 2068		BC 175017		106 47	84 51	100 35	98 15	85 13	75 31				107 -0.25 52	94 0.17 31		100 7 15	84 2.6 51	100 -1.3 35	81 -3 34	80 3.7 29				90 0.2 11		88 7.4 26					

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Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V		Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																															
BC 242071		BC	141211	95 52	93 55	95 39			74 23					95 0.75 56	101 -0.09 37		93 8.3 55	95 -2.9 39	90 19 32		88 9.7 32			72 14.2 25	86 -1.3 14	81 3.0 31					
BC 242081		BC	125035	106 46	84 51	110 34								107 -0.21 51	96 0.09 30		84 2.7 51	110 1.3 34			80 3.3 23					94 11.0 26					
BC 242083		BC	153018	100 51	85 54	105 37								103 0.05 55	90 0.36 35		85 3.3 54	105 0.1 37			81 4.0 22					90 8.8 27					
BC 242088		BC	175041	110 46	80 51	106 34								113 -0.71 51	89 0.39 30		80 0.8 51	106 0.3 34			76 0.7 24					94 10.8 26					
BC 242094		TG	160084	111 56	95 58	96 38	92 10	98 22		90 35				111 -0.60 60	94 0.20 40	107 15 10	95 9.2 58	96 -2.6 38	87 11 35		93 13.8 44	94 51 18		107 14.9 33	94 -2.6 16	100 -4.2 7	102 16.1 42	105 4 23	98 12 21		
BC 242106		BC	215181	94 46	98 51	109 25								96 0.64 52	94 0.19 24		98 10.9 51	109 1.2 25			91 12.4 24			47 34.1 23		87 6.6 22					
BC 242107		BC	225085	108 46	78 51	101 26								110 -0.46 52	93 0.23 24		78 -0.4 51	101 -1.1 26			73 -1.6 34				86 3.7 23		84 4.6 20				
BC 242128		BC	165019	96 46	90 48	115 29								100 0.36 51	91 0.32 28		90 6.2 48	115 2.8 29			86 8.0 23				81 7.6 11		97 13.1 25				
BC 242133		BC	222028	101 58	93 61	98 46	97 10	93 30		84 39				104 0.02 62	91 0.29 43	101 8 10	93 8.1 61	98 -2.1 46	88 15 39		86 8.3 44	95 55 8		100 11.3 8	86 3.2 33	96 -3.2 18	101 15.4 38	109 6 8	104 17 8		
BC 242162		BC	222047	102 47	81 52	110 28		80 16						104 0.02 53	92 0.25 26		81 1.0 52	110 1.4 28	89 17 28		76 0.1 34			79 8.9 24		86 6.3 21					
BC 242167		BC	153017	106 49	78 54	100 36								108 -0.30 54	92 0.27 33		78 -0.6 54	100 -1.4 36			74 -0.9 31				86 3.6 16		94 10.9 26				
BC 242200		BC	135043	110 46	81 51	109 34								112 -0.66 51	89 0.37 30		81 1.2 51	109 1.0 34			78 1.6 29					93 10.6 25					

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass					
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V		Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																																
BC 242204 98898042 24 2204		BC	155048	105 46	79 50	102 31								107 -0.23 51	91 0.30 30		79 -0.1 50	102 -0.9 31		75 -0.3 28					91 9.1 26							
BC 242220 98908809 24 2220		TG BC	180004 151113	103 60	95 62	96 48	101 19	97 32		91 42			94 7	103 0.12 64	100 -0.04 47	97 4	95 9.3 62	96 -2.5 48	91 21 43		85 7.5 44	92 42 14	91 -29 7	100 10.9 14	93 -2.3 35	94 -3.0 20	105 17.8 42	103 3 14	101 14 14	89 -0.23 7	99 0.04 7	105 0.61 7
BC 242231 98895162 24 2231		BC	125005	113 46	82 50	106 32								112 -0.68 51	97 0.06 30		82 1.4 50	106 0.3 32		77 1.5 29				88 1.6 11	92 9.9 26							
BC 242235 98895170 24 2235		BC	125041	109 46	82 50	97 33	105 14	84 13		76 30				111 -0.58 51	89 0.39 29	94 1	82 1.5 50	97 -2.3 33	78 -10 32		77 1.2 22				85 4.3 11	94 10.9 25						
BC 242237 98895196 24 2237		BC	165023	105 46	92 51	113 34								106 -0.15 51	95 0.16 30		92 7.6 51	113 2.2 34		88 9.7 24				84 5.2 11	96 12.2 26							
BC 242239 98895212 24 2239		BC	155055	97 46	88 50	113 31								99 0.38 51	94 0.20 30		88 5.0 50	113 2.2 31		84 6.5 23					91 9.3 26							
BC 242240 98895220 24 2240		BC	175011	99 48	93 51	115 35	91 15	88 15		88 31				101 0.28 52	96 0.11 32	106 14 15	93 8.2 51	115 2.9 35	101 44 34		89 10.5 30				83 5.8 16	95 11.4 26						
BC 242242 98895238 24 2242		BC	175001	105 44	80 48	109 28								105 -0.12 49	96 0.11 25		80 0.6 48	109 1.0 28		76 0.6 23					95 11.6 21							
BC 242243 98895246 24 2243		BC	135007	104 46	79 50	103 31								106 -0.17 51	92 0.26 30		79 0.1 50	103 -0.7 31		75 -0.5 28					93 10.2 25							
BC 242275 98895311 24 2275		BC	155030	111 45	84 50	92 31								110 -0.52 50	99 0.00 27		84 2.9 50	92 -3.6 31		80 3.2 22					92 9.8 26							
BC 242288 98895352 24 2288		BC	165005	108 45	82 50	104 31								110 -0.52 50	90 0.35 27		82 1.9 50	104 -0.4 31		78 2.3 22					93 10.7 26							
BC 252043 6020322076 25 2043		BC	135043	95 46	86 51	113 34								97 0.58 51	95 0.15 30		86 3.8 51	113 2.4 34		84 6.7 14					84 5.0 24							

Breeding Values and Accuracies: Cows

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Animal			Selection Values									Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
X 100177 73159337 X 100177		X 000034	107 77	76 74	109 84	122 10	98 53	98 56				110 -0.53 77	87 0.45 78	78 -18 10	76 -1.9 74	109 1.1 84	88 15 56		75 -0.2 48	64 -57 10		74 -3.5 11	105 -11.3 59	104 -4.8 35	91 8.9 64	74 -14 11	65 -20 11			
X 110031 75365668 X 110031		X 070011	107 50	96 54	92 35	103 17	81 28	81 35				103 0.09 54	110 -0.46 34	96 2 17	96 9.7 54	92 -3.7 35	89 15 35		91 12.4 27	89 34 15		88 4.2 16	89 1.3 30	94 -2.9 20	76 0.1 34	99 1 16	92 6 15			
X 110118 75366690 X 110118		X 080127	110 75	81 71	82 80		90 49					109 -0.38 75	100 -0.06 76		81 1.0 71	82 -6.5 80	68 -32 51		79 2.6 32				102 -9.2 56	106 -5.3 28	74 -1.6 62					
BC 125050 91839589 12 5050			85 49	97 49	155 65							90 1.19 48	90 0.33 54		97 10.4 49	155 14.1 65			96 16.2 20				88 2.3 23		108 20.0 43					
BC 135043 91839605 13 5043			103 48	84 46	115 64							106 -0.17 47	87 0.44 53		84 2.6 46	115 2.8 64			83 6.0 28						108 19.8 43					
BC 141032 81282717 BC141032		X 060104	80 74	102 73	114 81	96 19	103 50	98 56				85 1.61 74	92 0.24 74	102 9 19	102 13.4 73	114 2.5 81	111 69 58		97 17.0 46			97 9.2 11	104 -10.8 59	108 -5.8 32	97 12.8 60					
BC 151029 83471680 BC151029		X 050038	106 71	76 71	107 79		80 47					110 -0.51 71	85 0.53 70		76 -1.7 71	107 0.5 79	80 -4 51		75 -0.6 48	85 18 6		89 4.8 6	82 6.7 57	85 -1.1 30	88 7.5 55	99 1 6	91 5 6			
BC 151113 83473686 BC151113		X 120012	101 72	81 69	99 77	113 6	82 45	75 51				101 0.25 72	99 -0.01 71	90 -5 6	81 1.0 69	99 -1.8 77	80 -4 51		77 1.4 42				88 2.1 53	85 -1.0 27	87 6.9 55					
BC 151543 85411395 BC151543		X 100053	78 69	94 55	119 71	112 11	82 36	86 45				85 1.62 69	87 0.47 67	89 -5 11	94 8.6 55	119 3.8 71	113 72 46		90 11.0 36	86 21 10		89 4.8 11	83 5.6 34	84 -0.8 20	92 9.7 54	101 2 11	92 6 11			
BC 153015 88247911 BC153015			91 62	85 59	123 76	98 16	95 31	90 46				100 0.34 61	76 0.90 67	99 6 16	85 3.3 59	123 5.2 76	102 47 50		85 7.1 38				83 6.1 39	92 -2.4 7	114 23.2 48					
BC 153017 88247937 BC153017			112 54	76 53	90 69							115 -0.93 53	85 0.55 59		76 -1.9 53	90 -4.2 69			75 0.0 32				90 0.6 31		108 20.0 44					
BC 155008 91840322 15 5008			99 49	87 41	119 59							103 0.07 47	87 0.45 54		87 4.6 41	119 3.9 59			86 8.4 12				104 -10.8 22		105 18.0 44					

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Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																
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Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name				Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
BC 155058 91837104 15 5058				98 49	87 48	116 64							103 0.10 48	85 0.53 53		87 4.6 48	116 3.1 64		86 8.4 16						106 18.7 43					
BC 161009 85085876 BC161009		BC 131262		112 62	78 57	94 60		71 41					114 -0.82 63	90 0.36 60		78 -0.7 57	94 -3.0 60		76 0.3 34				82 6.8 48	68 2.3 26	84 5.1 50					
BC 161012 85086429 BC161012		BC 131210		100 65	88 65	105 73		86 40					104 0.01 66	88 0.42 63		88 5.2 65	105 0.1 73		87 8.8 36				81 7.2 45	89 -1.9 26	97 12.6 50					
BC 161020 85086908 BC161020		X 130100		111 70	84 69	97 77	118 10	85 44	87 51				108 -0.30 70	106 -0.27 68	84 -11 10	84 2.6 69	97 -2.4 77	84 3 52	82 5.4 45	71 -33 10		76 -2.6 11	77 10.2 55	97 -3.5 24	91 9.2 52	83 -8 11	75 -11 11			
BC 161035 85716611 BMAFBC161035		X 080216		100 65	86 68	106 75	111 10	73 45	76 50				101 0.28 64	98 0.04 68	91 -4 10	86 4.0 68	106 0.2 75	92 23 51	83 5.6 42	77 -10 6		83 1.6 7	73 13.7 52	74 1.1 29	90 8.7 55	93 -3 7	83 -3 7			
BC 161049 85089241 BC161049		X 130050		95 67	91 66	116 71	106 15	80 45	85 50				101 0.25 68	81 0.68 64	94 0 15	91 6.6 66	116 3.0 71	104 52 51	88 9.6 42				74 12.7 55	91 -2.2 29	88 7.6 52					
BC 161147 88248315 BC161147				101 62	87 56	121 72							103 0.13 61	94 0.18 67		87 4.6 56	121 4.5 72		86 8.3 28				103 -9.7 30		98 13.7 48					
BC 165024 91837310 16 5024				103 49	85 41	111 59							106 -0.19 47	89 0.39 54		85 3.4 41	111 1.6 59		84 6.7 12				96 -4.1 22		111 21.7 43					
BC 175001 91837484 17 5001				110 36	82 34	106 51							111 -0.58 35	93 0.23 40		82 1.4 34	106 0.4 51		81 4.4 16						111 21.5 35					
BC 175015 91838466 17 5015				116 49	79 44	97 60							115 -0.92 48	97 0.07 54		79 0.2 44	97 -2.2 60		79 2.6 17				95 -3.7 23		107 18.9 38					
BC 191119 90127291 BC191119		X 070126		98 53	87 58	103 44		85 29					98 0.49 57	99 -0.03 41		87 4.4 58	103 -0.6 44		84 6.4 26				94 -2.9 33	94 -2.8 18	81 2.8 35					
BC 191175 90127861 BC191175		X 100014		111 53	76 57	99 41	128 8	82 26	85 35				112 -0.66 57	93 0.24 38		71 -25 8	76 -1.8 57	99 -1.8 41	82 -1 35	75 -0.5 22	62 -65 5		70 -5.8 5	96 -4.6 28	87 -1.4 17	79 1.7 34	71 -15 5	64 -21 5		

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Breeding values with an accuracy < 5% are not printed

 LOGIX	Beefmaster Genomic Analysis, SA Stud Book, September 2026	23	NO 8 CATTLE CO (PTY) LTD 729944
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Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																
Animal				Selection Values							Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
BC 225032 95556692 BC225032		BC 135035		115 50	84 52	105 46							117 -1.06 53	89 0.37 38		84 2.9 52	105 0.0 46			82 5.5 36				94 -2.6 47		94 11.2 30				
BC 225038 95556726 BC225038		BC 125051		113 51	86 48	106 28							110 -0.50 54	103 -0.17 40		86 3.8 48	106 0.4 28			83 6.1 30				93 -2.1 47		87 6.6 30				
BC 225046 95557096 BC225046		BC 155056		111 52	77 54	88 48							114 -0.83 55	85 0.52 40		77 -1.4 54	88 -4.7 48			74 -0.9 30				83 5.5 46		96 12.4 30				
BC 225047 95557104 BC225047		BC 125023		112 52	84 53	99 46							114 -0.80 55	89 0.37 41		84 2.8 53	99 -1.6 46			81 4.4 30						84 5.0 32				
BC 225051 95557153 BC225051		BC 175048		99 52	88 54	107 49							99 0.38 55	98 0.01 41		88 5.0 54	107 0.5 49			85 7.4 32				97 -5.5 47		87 6.6 30				
BC 225055 95557195 BC225055		BC 135019		101 46	91 51	119 34							102 0.15 51	96 0.10 30		91 7.1 51	119 3.9 34			89 10.8 34				86 3.7 11		87 7.0 29				
BC 225063 95557120 BC225063		BC 175043		92 52	91 53	123 47							94 0.81 55	95 0.14 40		91 6.8 53	123 5.1 47			88 10.1 36				96 -4.6 46		82 3.6 30				
BC 225090 95557500 BC225090		BC 155042		105 52	77 53	101 47							107 -0.23 55	91 0.29 40		77 -1.4 53	101 -1.0 47			75 0.0 32				102 -9.4 46		86 6.1 30				
BC 225097 95556866 BC225097		BC 135013		107 52	80 54	105 49							110 -0.50 55	88 0.40 41		80 0.5 54	105 0.1 49			79 2.6 36				82 6.7 47		93 10.2 30				
BC 225098 95556890 BC225098		BC 155017		101 51	82 53	103 47							102 0.13 54	96 0.12 39		82 1.9 53	103 -0.7 47			80 3.6 30				63 21.4 46		93 10.5 30				
BC 225167 95557625 BC225167		BC 175042		106 51	81 53	92 47							107 -0.27 54	93 0.22 39		81 0.9 53	92 -3.7 47			79 2.4 36				80 8.3 46		84 5.0 30				
BC 232011 98884018 23 2011		BC 202032		84 47	101 52	106 27		82 17					86 1.49 53	98 0.01 26		101 12.8 52	106 0.3 27	108 61 27		98 17.9 35				87 2.4 25		77 0.5 24				

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																	
Animal				Selection Values							Birth		Wean				Growth			Fertility				Frame		Carcass					
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																															
BC 232013 98884026 23 2013		BC	212047	83 47	102 52	113 28	108 7	76 19	86 30				87 1.43 53	94 0.18 27	92 -2 7	102 13.0 52	113 2.2 28	115 77 29	102 20.4 31				80 8.2 25	91 -2.3 8	76 -0.1 24						
BC 232020 98884075 23 2020		BC	151050	105 52	66 55	116 39	129 7	84 24	86 34				106 -0.19 56	94 0.17 36	69 -29 7	66 -7.6 55	116 3.0 39	87 12 34	66 -7.3 18				101 -8.0 25	85 -1.0 15	81 2.7 31						
BC 232028 98883689 23 2028		BC	161147	96 54	95 56	113 50							96 0.65 57	99 -0.01 44		95 9.3 56	113 2.2 50		102 20.5 29				93 -2.1 46		86 6.3 31						
BC 232029 98883697 23 2029		BC	141109	95 56	96 59	129 53	97 12	92 34	101 41				95 0.77 59	100 -0.06 46	99 6 12	96 9.6 59	129 6.7 53	118 85 41	95 15.1 36				97 -4.8 51	100 -4.0 15	88 7.3 36						
BC 232038 98883846 23 2038		BC	202071	92 47	92 49	106 28		80 16					93 0.90 53	97 0.07 27		92 7.4 49	106 0.3 28	101 45 27	89 10.8 12				90 0.3 14	89 -1.9 8	78 1.4 25						
BC 232039 98883853 23 2039		BC	202100	97 47	97 52	104 28	101 6	74 17	79 29				99 0.39 53	94 0.17 27	97 3 6	97 10.6 52	104 -0.2 28	101 44 29	94 14.1 16	89 31 6		94 7.5 7	71 15.2 24		79 1.9 25	105 4 7	97 10 6				
BC 232042 98883879 23 2042		BC	202101	99 47	88 51	108 27		75 18					100 0.37 53	97 0.07 25		88 5.2 51	108 0.9 27	99 40 27	87 8.6 14				76 11.0 25	90 -2.2 7	76 0.2 23						
BC 232043 98883895 23 2043		BC	202029	99 47	90 52	111 28		76 17					101 0.21 53	92 0.26 27		90 6.1 52	111 1.7 28		88 9.7 34				76 11.3 23		80 2.3 24						
BC 232048 98883937 23 2048		BC	151029	103 56	78 59	112 52		78 33					104 -0.03 59	95 0.14 45		78 -0.8 59	112 2.1 52	90 19 37	75 -0.1 38				84 5.1 50	87 -1.4 15	81 3.2 34						
BC 232053 98883952 23 2053		BC	141071	103 53	76 55	100 40		83 23					106 -0.18 57	90 0.35 38		76 -2.0 55	100 -1.4 40		74 -0.8 6				96 -4.1 25	90 -2.1 13	79 1.8 31						
BC 232076 98883788 23 2076		BC	161020	99 55	89 58	100 51	116 5	80 32	83 38				97 0.57 58	105 -0.26 44	86 -9 5	89 6.0 58	100 -1.3 51	93 26 38	89 10.2 36	75 -18 5		80 0.0 6	77 10.3 50	94 -2.8 12	83 4.0 33	88 -6 6	80 -5 6				
BC 232110 98889397 23 2110		X	130129	108 53	60 57	99 40	140 7	81 24	77 35				108 -0.34 57	96 0.11 39	55 -45 7	60 -11.1 57	99 -1.6 40	68 -33 35	60 -11.8 16				101 -8.6 26	82 -0.4 15	78 1.0 32						

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high

Value <80Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values										Birth		Wean				Growth			Fertility				Frame		Carcass		
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
BC 235002 98889298 23 5002		BC 165028	112 52	87 54	112 48							110 -0.49 55	101 -0.08 40		87 4.6 54	112 2.0 48		85 7.4 29				87 2.8 44		96 12.0 30						
BC 235014 98889470 23 5014		BC 125044	109 47	87 51	94 35	117 14	86 13	87 31				111 -0.55 52	92 0.27 31		85 -10 14	87 4.5 51	94 -3.2 35	84 5 33	85 7.8 23				87 2.9 11		90 8.6 25					
BC 235016 98889462 23 5016		BC 215164	87 46	97 51	106 26							90 1.19 52	94 0.17 24		97 10.5 51	106 0.3 26		97 16.4 24				86 3.3 23		79 1.6 22						
BC 235018 98889553 23 5018		BC 215025	92 46	91 50	111 24							94 0.82 52	95 0.15 24		91 6.6 50	111 1.5 24		90 11.0 24				88 2.3 23		79 2.0 22						
BC 235023 98889538 23 5023		BC 215163	114 46	76 51	110 26							114 -0.79 52	95 0.15 25		76 -1.6 51	110 1.3 26		76 0.1 12				91 -0.3 23		82 3.7 22						
BC 235036 98889710 23 5036		BC 155008	99 52	88 50	112 31							103 0.12 55	89 0.38 40		88 5.4 50	112 1.9 31		88 9.4 22				110 -14.9 44		94 11.0 29						
BC 235038 98889728 23 5038		BC 155022	109 52	77 55	102 49							110 -0.49 55	93 0.23 41		77 -1.0 55	102 -0.7 49		75 0.0 29				83 6.0 47		93 10.6 30						
BC 235039 98889736 23 5039		BC 125003	115 45	75 50	94 31							115 -0.95 50	94 0.19 28		75 -2.1 50	94 -3.1 31		76 0.4 22						90 8.5 24						
BC 235041 98889595 23 5041		BC 155043	122 51	72 52	95 45							122 -1.46 54	93 0.23 39		72 -3.8 52	95 -2.8 45		71 -3.6 22				105 -11.1 44		93 10.2 29						
BC 235044 98889637 23 5044		BC 175035	101 52	91 55	98 49							104 0.03 55	92 0.27 40		91 7.1 55	98 -1.8 49		92 12.6 22				84 5.2 45		84 4.7 30						
BC 235050 98889645 23 5050		BC 165024	112 52	85 50	103 31							114 -0.85 55	90 0.35 40		85 3.3 50	103 -0.5 31		84 6.7 22				90 0.2 44		96 12.4 29						
BC 235060 98890403 23 5060		BC 135040	102 52	87 55	106 49							105 -0.05 55	92 0.28 41		87 4.5 55	106 0.4 49		88 9.5 29				103 -10.1 45		90 8.4 30						

Breeding Values and Accuracies: Cows

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Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																
Animal			Selection Values										Birth		Wean				Growth			Fertility				Frame		Carcass		
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
BC 235061 98890411 23 5061		BC 135013	106 52	84 55	102 49							107 -0.27 55	94 0.18 41		84 2.7 55	102 -0.8 49		84 6.3 28				79 8.6 46		90 8.4 30						
BC 235062 98890429 23 5062		BC 125035	107 46	90 51	105 34							108 -0.33 51	95 0.16 30		90 6.4 51	105 0.0 34		88 9.7 23						91 9.0 26						
BC 235079 98890569 23 5079		BC 165019	90 51	95 52	118 45							93 0.90 54	92 0.27 39		95 9.4 52	118 3.6 45		93 13.8 23				71 14.9 44		96 12.2 29						
BC 235084 98890601 23 5084		BC 135007	105 46	78 50	104 31							107 -0.27 51	91 0.29 30		78 -0.7 50	104 -0.4 31		77 1.1 12						89 8.1 25						
BC 235094 98890684 23 5094		BC 215095	100 46	90 51	110 26							101 0.29 52	97 0.07 25		90 6.1 51	110 1.5 26		91 12.3 27				86 3.2 23		81 2.7 22						
BC 235095 98890692 23 5095		BC 215151	96 46	83 51	106 25							98 0.51 52	95 0.14 24		83 2.2 51	106 0.4 25		81 4.3 24				89 1.0 23		79 1.8 22						
BC 235100 98890700 23 5100		BC 125010	107 51	79 54	103 47							108 -0.36 54	91 0.29 39		79 0.0 54	103 -0.5 47		78 1.7 28				98 -5.7 45		90 8.3 30						
BC 235101 98890718 23 5101		BC 125001	109 51	82 54	103 47							111 -0.57 54	91 0.29 39		82 1.7 54	103 -0.5 47		82 4.7 22				88 2.1 45		89 7.9 30						
BC 235113 98890734 23 5113		BC 125040	107 45	83 50	101 31							107 -0.27 50	95 0.13 28		83 2.4 50	101 -1.1 31								89 8.1 25						
BC 235114 98890742 23 5114		BC 215054	102 46	76 51	108 26							104 0.03 52	93 0.24 25		76 -1.9 51	108 0.7 26		75 0.0 12				91 -0.8 23		82 3.6 22						
BC 235119 98890767 23 5119		BC 135002	99 46	84 49	113 29							101 0.25 51	92 0.27 29		84 2.8 49	113 2.3 29		83 6.2 23				72 14.3 11		91 9.0 25						
BC 235120 98890791 23 5120		BC 145001	106 51	72 54	111 48							109 -0.42 54	88 0.40 39		72 -3.8 54	111 1.7 48		81 4.5 23				108 -13.4 46		88 7.2 30						

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Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																
Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
BC 235126 98890825 23 5126		BC 165027		97 51	93 53	126 47							98 0.49 54	98 0.04 39		93 8.0 53	126 5.8 47		92 12.9 28				82 6.6 44		93 10.3 30					
BC 235135 98890882 23 5135		BC 215035		104 52	83 55	107 47							104 0.02 56	98 0.04 39		83 2.4 55	107 0.6 47		82 4.7 27				101 -8.2 49		83 4.5 27					
BC 235136 98890890 23 5136		BC 175058		96 51	92 53	111 47							101 0.24 54	86 0.49 39		92 7.6 53	111 1.7 47		92 12.8 29				89 1.0 44		87 7.0 30					
BC 235152 98893191 23 5152		BC 175008		105 46	64 50	114 32							107 -0.21 51	92 0.28 28		64 -8.9 50	114 2.4 32		64 -8.8 6				100 -7.3 11		85 5.3 26					
BC 235153 98893209 23 5153		BC 175019		91 47	92 51	119 35	95 15	87 13	86 31				95 0.71 52	87 0.45 31	102 9 15	92 7.4 51	119 3.9 35	105 53 34	90 11.2 12				84 4.8 11		92 9.6 25					
BC 235157 98893225 23 5157		BC 135015		98 51	98 50	116 31							99 0.42 54	96 0.12 39		98 10.8 50	116 3.0 31		97 16.8 22				51 31.0 44		91 9.4 29					
BC 235161 98893266 23 5161		BC 155024		117 42	81 47	103 22							118 -1.12 48	93 0.21 21		81 1.0 47	103 -0.6 22		80 3.7 22				43 37.4 45		91 8.9 28					
BC 235169 98893324 23 5169		BC 155056		100 46	76 51	105 34							102 0.18 51	93 0.23 30		76 -1.6 51	105 0.0 34		75 0.0 12				90 0.2 11		94 11.1 25					
BC 235180 98893381 23 5180		BC 175048		96 47	84 51	120 35							99 0.40 51	91 0.29 31		84 2.7 51	120 4.3 35		83 5.6 14				90 0.5 16		88 7.4 25					
BC 235186 98893415 23 5186		BC 215038		103 46	78 51	112 27							105 -0.06 52	94 0.19 25		78 -0.7 51	112 1.9 27		77 1.4 14				88 1.9 23		82 3.3 22					
BC 235197 98893480 23 5197		BC 155027		102 46	85 51	108 34							104 -0.02 51	93 0.23 30		85 3.5 51	108 0.9 34		83 6.2 12						89 7.7 26					
BC 235201 98893522 23 5201		BC 175042		109 45	75 50	104 32							110 -0.53 50	93 0.23 28		75 -2.5 50	104 -0.2 32		74 -1.1 9				89 0.8 11		85 5.6 25					

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
BC 242002 98894611 24 2002		BC 222508		100 47	80 51	112 27		76 17					102 0.18 53	93 0.22 26		80 0.8 51	112 2.0 27		80 3.4 34				91 -0.5 25	87 -1.5 5	70 -3.5 22					
BC 242005 98894629 24 2005		BC 222016		98 47	95 51	104 27							100 0.35 53	94 0.18 25		95 9.2 51	104 -0.4 27		92 12.7 16				85 4.6 23		76 0.1 20					
BC 242010 98894645 24 2010		BC 225101		96 46	94 51	111 26							98 0.53 52	95 0.14 25		94 8.4 51	111 1.6 26		91 11.7 14				88 2.0 23		75 -0.6 20					
BC 242011 98894652 24 2011		BC 225107		101 46	72 51	107 25							103 0.08 52	94 0.20 23		72 -3.9 51	107 0.7 25		71 -3.3 12				96 -4.5 23		76 -0.3 20					
BC 242014 98894660 24 2014		BC 225090		108 46	69 51	110 26							109 -0.39 52	93 0.21 25		69 -5.6 51	110 1.4 26		69 -5.2 16				96 -4.6 23		77 0.5 19					
BC 242016 98894678 24 2016		BC 225024		115 46	68 51	110 26							115 -0.91 52	93 0.22 25		68 -6.3 51	110 1.3 26		67 -6.4 16				96 -4.2 23		79 1.5 19					
BC 242019 98894694 24 2019		BC 225051		113 46	75 51	108 27							114 -0.80 52	93 0.22 25		75 -2.5 51	108 0.9 27		73 -1.6 16				93 -2.0 23		77 0.5 19					
BC 242020 98894702 24 2020		BC 222003		109 47	82 52	95 28		77 18					111 -0.59 53	90 0.35 27		82 1.6 52	95 -2.8 28	82 0 27	78 2.3 15				86 3.7 25	90 -2.0 8	74 -1.5 21					
BC 242026 98894728 24 2026		BC 225063		101 46	91 51	111 26							103 0.09 52	93 0.22 25		91 6.9 51	111 1.5 26		90 11.1 34				87 2.6 23		75 -0.8 19					
BC 242028 98908882 24 2028		BC 161020		123 53	71 57	102 40	124 5	78 23	84 34				122 -1.45 57	95 0.14 37		76 -20 5	71 -4.7 57	102 -0.7 40	77 -12 34	70 -4.1 36	64 -60 5	71 -5.6 6	83 5.5 28	90 -2.0 12	79 1.6 29	75 -13 6	67 -18 6			
BC 242032 98894744 24 2032		BC 175040		104 46	82 50	108 31							106 -0.19 51	92 0.28 30		82 1.6 50	108 0.7 31		81 4.0 6						79 2.0 26					
BC 242033 98894769 24 2033		BC 165031		108 46	82 51	118 34							107 -0.28 51	98 0.04 30		82 1.5 51	118 3.7 34		83 5.7 29						87 6.8 26					

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Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																
Animal			Selection Values							Birth		Wean				Growth			Fertility				Frame		Carcass					
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
BC 242035		BC 165014	104 46	81 50	115 31							106 -0.14 51	94 0.18 30		81 1.4 50	115 2.9 31		82 4.8 23					85 5.3 26							
BC 242036		BC 165006	100 46	91 50	111 32							101 0.27 51	96 0.12 30		91 7.1 50	111 1.6 32		89 10.3 28				89 1.3 11		87 6.9 26						
BC 242041		BC 225014	98 46	92 51	107 26							100 0.31 52	94 0.19 24		92 7.5 51	107 0.7 26		92 13.0 34				86 3.5 23		80 2.5 19						
BC 242050		BC 135013	95 47	86 51	109 35							96 0.63 52	95 0.14 31		86 3.8 51	109 1.0 35		84 6.5 12				85 4.3 16		87 6.8 25						
BC 242051		BC 165016	90 46	95 50	118 32							92 1.01 51	98 0.02 28		95 9.2 50	118 3.7 32		92 13.2 29				74 12.7 11		89 8.1 24						
BC 242052		BC 155059	101 46	92 51	108 34							102 0.14 51	94 0.20 30		92 7.6 51	108 0.8 34		94 14.1 29					87 6.6 26							
BC 242053		BC 225032	102 46	92 51	104 25							103 0.09 52	95 0.16 24		92 7.4 51	104 -0.2 25		91 11.9 34				86 3.6 23		81 2.8 18						
BC 242076		BC 155022	109 48	74 51	105 35							111 -0.56 52	92 0.26 32		74 -2.9 51	105 -0.1 35		73 -1.6 14				84 5.0 19		91 9.0 26						
BC 242077		BC 165034	98 46	91 51	113 34							99 0.46 51	100 -0.04 30		91 6.8 51	113 2.4 34		92 12.5 23					87 6.6 26							
BC 242080		BC 175035	107 47	75 51	109 35							109 -0.41 51	91 0.32 31		75 -2.5 51	109 1.1 35		74 -1.0 6				92 -1.1 11		80 2.4 26						
BC 242093		BC 175020	106 47	80 51	93 35	124 16						108 -0.31 51	92 0.26 31		77 -19 16	80 0.7 51	93 -3.3 35	79 -6 34		79 3.1 29			88 7.6 26							
BC 242096		BC 125050	87 48	106 53	126 34							90 1.15 53	94 0.20 30		106 15.6 53	126 5.9 34		107 24.3 24				79 8.9 11		87 6.8 25						

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																
Animal			Selection Values										Birth		Wean				Growth			Fertility				Frame		Carcass		
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
BC 242097 98895048 24 2097		BC 125044	114 47	65 51	107 35	130 14	84 13	86 31				115 -0.90 52	92 0.24 31	68 -29 14	65 -8.2 51	107 0.6 35	78 -11 33	65 -8.0 8				96 -4.2 11		87 6.7 25						
BC 242098 98895055 24 2098		BC 125003	112 45	71 50	99 31							112 -0.68 50	96 0.11 28		71 -4.9 50	99 -1.7 31		70 -4.1 6						87 6.6 24						
BC 242110 98894603 24 2110		BC 222502	93 47	96 48	110 27		76 12					95 0.75 53	94 0.18 26		96 9.8 48	110 1.5 27	107 58 26	95 15.3 28				79 9.3 9	90 -2.1 5	77 0.5 21						
BC 242116 98897705 24 2116		BC 135040	97 47	86 51	113 35							99 0.38 51	94 0.20 31		86 4.2 51	113 2.1 35		85 7.6 29				92 -1.0 11		87 6.6 26						
BC 242124 98897713 24 2124		BC 155011	110 46	84 51	103 34							113 -0.73 51	88 0.40 30		84 2.8 51	103 -0.7 34		85 7.2 29						85 5.7 26						
BC 242127 98897721 24 2127		BC 175016	104 46	83 50	115 32							106 -0.20 51	90 0.34 30		83 2.5 50	115 2.9 32		83 5.9 28				91 -0.6 11		84 4.9 26						
BC 242131 98897762 24 2131		BC 165022	102 46	87 50	112 31							104 0.02 51	93 0.21 30		87 4.8 50	112 1.9 31		88 9.6 29						87 6.6 26						
BC 242139 98897812 24 2139		BC 225013	96 46	95 51	112 26	100 8	78 14	83 28				97 0.58 52	97 0.08 25	97 4 8	95 9.5 51	112 2.0 26	105 53 28	94 14.2 34				78 9.5 23		79 1.9 19						
BC 242144 98897846 24 2144		BC 155045	105 46	84 48	108 28							106 -0.18 51	95 0.14 30		84 2.9 48	108 0.9 28		84 6.4 23						82 3.8 26						
BC 242145 98897853 24 2145		BC 155027	102 46	89 51	105 34							104 -0.03 51	92 0.26 30		89 5.9 51	105 0.1 34		88 9.8 28						86 5.9 26						
BC 242151 98908593 24 2151		BC 161147	105 51	84 54	113 38							106 -0.18 55	94 0.20 36		84 3.0 54	113 2.3 38		84 6.5 29				93 -1.8 15		83 4.4 27						
BC 242156 98897861 24 2156		BC 175034	90 47	91 51	126 34		81 13					93 0.89 52	92 0.26 31		91 7.1 51	126 5.8 34		90 11.5 30				83 5.6 11		87 7.0 26						

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																
Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name				Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
BC 242159 98897879 24 2159		BC 181192		91 49	97 52	110 29		72 13					94 0.80 54	91 0.30 31		97 10.1 52	110 1.4 29		96 16.3 34				71 15.0 12		76 -0.2 25					
BC 242160 98897887 24 2160		BC 175052		97 46	91 51	115 34							99 0.40 51	93 0.21 30		91 6.9 51	115 2.9 34		91 12.4 31				87 2.6 11		88 7.5 25					
BC 242161 98897895 24 2161		BC 165004		105 46	91 51	107 34							106 -0.12 51	95 0.12 30		91 6.9 51	107 0.6 34		91 12.2 23						88 7.1 26					
BC 242163 98897911 24 2163		BC 225046		105 46	73 51	103 26							107 -0.24 52	92 0.25 25		73 -3.3 51	103 -0.5 26		72 -2.8 14				86 3.4 23		82 3.4 19					
BC 242164 98897929 24 2164		BC 225097		103 46	81 51	108 27							105 -0.07 52	92 0.25 25		81 1.4 51	108 0.9 27		84 6.6 34				83 5.4 23		80 2.3 19					
BC 242169 98897945 24 2169		BC 155041		105 46	83 51	109 34							106 -0.19 51	93 0.24 30		83 2.2 51	109 1.0 34		83 5.9 23						85 5.4 26					
BC 242176 98897978 24 2176		BC 135019		95 46	98 51	118 34							96 0.66 51	98 0.04 30		98 11.1 51	118 3.6 34		98 17.8 30				84 5.0 11		87 6.6 25					
BC 242177 98897986 24 2177		BC 212043		95 47	86 51	98 27		63 18					98 0.51 53	93 0.21 26		86 4.1 51	98 -2.0 27	90 19 27	86 7.9 28				54 28.2 25	82 -0.4 7	77 0.4 23					
BC 242178 98897994 24 2178		BC 225167		105 46	75 51	105 26							106 -0.14 52	95 0.15 24		75 -2.6 51	105 -0.1 26		75 -0.5 34				85 4.4 23		76 -0.2 19					
BC 242179 98908619 24 2179		BC 161035		100 52	84 56	108 39	117 5	72 24	78 34				101 0.27 56	97 0.05 37		85 -11 5	84 2.8 56	108 0.8 39	94 28 33	82 5.4 36			78 9.7 26	81 -0.2 14	79 1.7 31					
BC 242181 98908627 24 2181		BC 151543		90 51	87 52	115 37	118 6	77 19	84 32				93 0.89 55	91 0.28 36		83 -12 6	87 4.4 52	115 2.8 37	105 53 32	86 8.5 33	77 -13 5		82 0.7 5	84 5.2 17	85 -1.0 10	80 2.1 30	90 -5 5	82 -4 5		
BC 242185 98898018 24 2185		BC 165030		107 47	78 51	113 34							109 -0.44 51	90 0.34 31		78 -0.4 51	113 2.2 34		78 1.7 14				81 7.3 16		89 8.2 26					

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
Orange: <80 Low

Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																	
Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																															
BC 242203 98908635 24 2203		BC 153006		102 47	82 52	118 31							103 0.07 52	95 0.16 28		82 1.9 52	118 3.6 31		83 5.8 23					87 6.5 24							
BC 242206 98898059 24 2206		BC 165021		95 46	92 51	118 34							95 0.71 51	99 -0.01 30		92 7.5 51	118 3.6 34		93 13.6 29					88 7.5 26							
BC 242209 98908668 24 2209		BC 165024		102 46	83 50	110 31							104 -0.02 51	93 0.23 30		83 2.2 50	110 1.4 31		81 4.7 6				89 0.9 11	89 7.8 25							
BC 242210 98898067 24 2210		BC 165033		100 46	88 50	108 32							102 0.15 51	92 0.28 30		88 5.1 50	108 0.8 32		89 10.2 22				84 4.8 11	88 7.3 26							
BC 242225 98895113 24 2225		BC 155020		98 46	87 51	114 34							100 0.36 51	93 0.20 30		87 4.5 51	114 2.5 34		87 9.1 29					84 5.1 26							
BC 242226 98895121 24 2226		BC 175019		93 47	92 51	117 35	93 15	86 13	84 31				98 0.50 52	86 0.49 31	104 12 15	92 7.6 51	117 3.5 35	103 48 34	90 11.5 12				84 5.1 11	89 7.7 25							
BC 242238 98895204 24 2238		BC 165026		96 46	87 51	116 34							99 0.41 51	90 0.35 30		87 4.5 51	116 3.1 34		87 9.0 23					88 7.1 26							
BC 242247 98909286 24 2247		BC 161012		95 50	97 56	101 38		78 21					98 0.52 55	93 0.23 34		97 10.6 56	101 -1.0 38		98 17.3 34				78 9.9 22	92 -2.4 13	82 3.3 28						
BC 242251 6020241276 24 2251		BC 215035		112 47	70 52	108 31							112 -0.70 52	95 0.16 29		70 -5.4 52	108 0.8 31		68 -5.4 15				96 -4.6 25	80 2.5 23							
BC 242252 98895261 24 2252		BC 225098		103 46	79 51	107 26							103 0.05 52	96 0.11 24		79 0.2 51	107 0.6 26		78 1.6 14				74 12.8 23	80 2.5 19							
BC 242259 98895287 24 2259		BC 181044		106 50	73 53	102 34	128 12	82 22	83 33				108 -0.34 54	91 0.29 35	71 -26 12	73 -3.3 53	102 -0.9 34	81 -2 33	72 -2.9 22	63 -64 7		69 -6.8 8	101 -8.1 27	89 -1.9 11	74 -1.4 28	72 -15 8	64 -21 7				
BC 242260 98909229 24 2260		BC 155058		104 47	82 53	112 34							107 -0.21 52	89 0.38 30		82 1.7 53	112 2.1 34		83 6.1 23					87 6.4 25							

Breeding Values and Accuracies: Cows

Green: >120 High
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Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																	
Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																															
BC 242262 98895295 24 2262		BC	225004	105 46	82 51	113 26							107 -0.21 52	94 0.20 24		82 1.5 51	113 2.1 26		80 3.6 16				68 17.3 23		81 2.9 18						
BC 242264 98895303 24 2264		BC	225089	102 46	77 51	111 26							104 0.03 52	94 0.18 25		77 -1.1 51	111 1.6 26		76 0.1 16				71 15.4 23		79 1.6 20						
BC 242266 98909237 24 2266		BC	141032	95 53	86 56	114 42	115 10	87 26	91 36				97 0.56 57	93 0.21 40	86 -9 10	86 4.1 56	114 2.4 42	101 45 36	84 6.6 36				82 1.1 6	96 -4.2 29	96 -3.3 16	81 3.3 33					
BC 242268 6020315443 24 2268		BC	155023	110 45	75 50	110 32							111 -0.54 50	93 0.21 28		75 -2.6 50	110 1.4 32		74 -1.1 11				92 -1.5 11		88 7.2 25						
BC 242269 98909252 24 2269		BC	141136	112 53	64 57	97 42		75 25					116 -1.02 57	83 0.62 38		64 -8.8 57	97 -2.4 42	69 -32 34	63 -9.4 16				87 2.8 28	81 -0.2 15	77 0.7 31						
BC 242274 98909260 24 2274		X	130129	106 53	64 57	97 40	136 7	80 24	75 35				107 -0.22 57	96 0.10 39	60 -38 7	64 -8.5 57	97 -2.3 40	69 -30 35	64 -8.7 16				100 -7.1 26	83 -0.7 15	75 -0.9 32						
BC 242281 98895337 24 2281		BC	175009	100 47	88 50	110 32							103 0.11 51	90 0.33 31		88 5.1 50	110 1.3 32		88 9.8 22						87 6.8 26						
BC 242283 98909310 24 2283		X	130139	102 53	85 57	123 42		83 24					106 -0.13 57	87 0.45 38		85 3.3 57	123 5.0 42		83 6.2 24				86 3.3 26	94 -2.8 13	83 4.0 32						
BC 252020 6020321987 25 2020		BC	235036	98 46	87 25	110 16							100 0.36 52	94 0.19 24		87 4.8 25	110 1.4 16		86 8.0 11				96 -4.0 22		78 0.9 15						
BC 252030 6020322035 25 2030		BC	235050	110 46	83 25	104 16							112 -0.64 52	92 0.27 24		83 2.3 25	104 -0.2 16		82 4.8 11				86 3.5 22		79 1.6 15						
BC 252040 6020322043 25 2040		BC	235080	104 46	83 48	110 25							104 -0.03 52	96 0.11 24		83 2.2 48	110 1.3 25					81 7.5 22		74 -1.5 18							
BC 252042 6020322068 25 2042		BC	235002	109 46	86 51	108 27							109 -0.38 52	97 0.05 24		86 3.8 51	108 0.9 27		83 6.2 14				84 5.0 22		78 1.4 18						

Breeding Values and Accuracies: Cows

Green: >120 High
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Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed															
Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
BC 252052 6020322092 25 2052		BC 235079	95 45	92 51	111 25							97 0.55 51	94 0.18 24				92 7.4 51	111 1.7 25			89 10.9 12		75 11.8 22		78 1.5 18				
BC 252061 6020322118 25 2061		BC 235184	110 46	82 9	106 13							111 -0.54 52	95 0.13 25				82 1.6 9	106 0.3 13			80 3.7 6		74 12.8 22		73 -1.9 15				
BC 252062 6020322126 25 2062		BC 235157	99 45	91 25	111 16							100 0.33 51	96 0.10 24				91 7.0 25	111 1.8 16			90 11.0 11		66 19.0 22		76 0.1 15				
BC 252072 6020322134 25 2072		BC 151113	105 52	81 35	102 38		75 23					106 -0.12 56	96 0.10 38				81 1.0 35	102 -0.8 38	84 5 25		78 2.1 22		85 4.5 27	86 -1.3 14	74 -1.1 27				
BC 252090 6020304447 25 2090		BC 141032	89 53	94 37	111 40	107 10	86 25	88 31				91 1.04 57	95 0.13 39	93 -1 10	94 8.6 37	111 1.6 40	104 52 29			90 11.6 23		90 5.4 6	93 -2.0 29	98 -3.8 16	79 1.8 30				
BC 252096 6020299415 25 2096		BC 175015	112 47	79 53	103 32							112 -0.65 52	96 0.12 30		79 0.0 53	103 -0.7 32				78 1.9 8		90 0.7 11		85 5.5 22					
BC 252101 6020299423 25 2101		BC 225086	95 47	88 54	113 26							96 0.63 53	97 0.07 24		88 4.9 54	113 2.1 26				82 5.5 14				73 -1.8 20					
BC 252109 6020299431 25 2109		BC 235060	105 47	82 54	108 27							106 -0.16 53	93 0.21 25		82 1.8 54	108 0.8 27				82 4.9 14		94 -2.4 22		76 0.2 18					
BC 252111 6020299449 25 2111		BC 161020	108 52	84 57	101 40	118 5	77 23	83 34				107 -0.26 56	100 -0.05 36	84 -11 5	84 2.8 57	101 -1.3 40	88 13 34			82 5.2 22	73 -27 5	78 -1.3 6	79 8.9 28	93 -2.7 12	77 0.5 29	85 -7 6	77 -8 6		
BC 252118 6020299464 25 2118		BC 161012	99 50	86 56	107 38		78 21					101 0.28 55	93 0.21 34		86 4.2 56	107 0.6 38				84 7.0 18		82 6.9 22	89 -1.8 13	80 2.2 28					
BC 252139 6020299480 25 2139		BC 155058	95 47	87 53	113 34							98 0.52 52	93 0.23 30		87 4.6 53	113 2.2 34				85 7.7 8				85 5.3 25					
BC 252148 6020299506 25 2148		BC 232029	106 48	89 55	114 29	108 6	81 18	91 30				107 -0.24 54	95 0.15 27	92 -2 6	89 5.8 55	114 2.6 29	102 47 30			88 9.5 18		88 1.8 26	95 -3.1 8	75 -0.6 21					

Breeding Values and Accuracies: Cows

Green: >120 High
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Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																
Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
BC 252162 6020299522 25 2162		BC 235120		102 47	80 54	108 27							104 -0.02 53	93 0.23 25		80 0.8 54	108 0.9 27		83 6.2 12				93 -2.1 23		76 -0.3 18					
BC 252182 6020299530 25 2182		BC 225047		106 47	82 54	105 26							107 -0.23 53	94 0.20 25		82 1.6 54	105 0.1 26		80 3.2 14						74 -1.1 20					
BC 252188 6020299555 25 2188		BC 161035		102 51	81 57	109 39	120 5	71 23	78 34				102 0.15 55	97 0.06 36	81 -14 5	81 0.9 57	109 1.2 39	93 25 34	78 2.2 21				79 8.9 26	80 0.0 14	77 0.6 30					
BC 252199 6020310949 25 2199		BC 161147		105 50	87 54	111 38							106 -0.16 54	94 0.20 36		87 4.4 54	111 1.8 38		85 7.4 14				91 -0.7 15		81 3.3 27					
BC 252238 6020311053 25 2238		BC 125050		89 47	100 53	129 34							92 0.99 52	94 0.18 30		100 12.1 53	129 6.7 34		98 17.1 10				80 7.9 11		85 5.6 25					
BC 262259 6020313349 26 2259		BC 235161		110 21	82 23	105 11							111 -0.57 24	94 0.16 10		82 1.8 23	105 -0.1 11		81 4.0 11				60 23.5 22		76 -0.1 14					

Selection List on Cow Value

Bulls 2 years and older

ID	Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value								
Sorted on ID						nt821	Q204X	F94L	Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc								
										★★★★★															
1	PB 120049	PB120049	PB 100142	0.0	PcH	0	0	0	6	113	88	119	87	81	83	92	79	108	82	111	77	106	78	107	77
2	TG 180004	18004	BA 120059	0.1						109	72	108	70	93	56	100	37	109	45	112	52	94	21	106	46
3	X 120105	X120105	X 020006	0.0	HH	1	0	0	6	99	97	114	97	100	94	89	93	112	94	112	87	103	92	107	88
										★★★★☆															
1	BC 242062	24 2062	TG 180004	0.0						102	57	109	59	94	44	92	19	107	27	103	39				
2	BC 242066	24 2066	TG 180004	0.0						118	55	96	58	105	44	97	19	106	26	109	38				
3	CM 190016	CM1916	X 120105	0.0						122	71	103	71	91	60	95	32	104	48	107	53				
										★★★★															
1	BC 232046	23 2046	BC 215159	0.0						96	56	97	59	106	43	93	11	98	26	92	37				
2	BC 232064	23 2064	TG 180004	0.0						108	59	93	62	91	49	118	22	97	34	99	43				
3	BC 232065	23 2065	TG 180004	0.0						110	59	94	62	91	48	117	19	89	32	94	42				
4	BC 232080	23 2080	BC 202060	0.0						91	59	101	62	104	47	93	10	103	29	96	40				
5	BC 235072	23 5072		0.0						106	47	90	50	106	33	109	15	85	13	90	30				
6	BC 242039	24 2039	TG 180004	0.0						106	60	96	63	100	49	107	20	93	34	97	43				
7	BC 242094	24 2094	TG 160084	0.0						111	56	95	58	96	38	92	10	98	22	90	35				
8	BC 242220	24 2220	TG 180004	0.0						103	60	95	62	96	48	101	19	97	32	91	42				
9	CM 180030	CM1830	CM 100002	0.0						116	55	84	59	103	44	117	20	83	32	92	40				
										★★★★☆															
1	BC 222027	22 2027	BC 181044	0.0						88	51	91	32	99	32	119	12	81	21	80	28				
2	BC 232017	23 2017	BC 212012	0.0						96	47	94	52	108	28	101	6	78	20	80	30				
3	BC 232041	23 2041	BC 212031	0.0						97	47	87	52	120	29	103	6	80	19	85	30				
4	BC 232067	23 2067	BC 153015	0.0						97	51	79	55	119	39	112	8	83	16	84	33				
5	BC 232068	23 2068	X 100177	0.0						104	54	71	58	115	43	124	5	85	27	87	36				
6	BC 232086	23 2086	BC 141030	0.0						101	53	84	56	98	41	122	14	83	27	84	36				
7	BC 235029	23 5029	BC 155012	0.0						118	48	80	50	113	33	100	15	83	15	84	31				
8	BC 235139	23 5139	BC 175011	0.0						101	48	92	51	116	35	94	15	85	15	87	31				

Selection List on Cow Value

Bulls 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc							
9	BC 242022	24 2022	BC 222021	0.0						103	47	84	52	106	28	108	6	83	19	81	29			
10	BC 242058	24 2058	BC 153015	0.0						98	51	88	55	112	39	97	8	86	16	82	33			
11	BC 242133	24 2133	BC 222028	BC 151029	0.0					101	58	93	61	98	46	97	10	93	30	84	39			
12	BC 242240	24 2240	BC 175011	0.0						99	48	93	51	115	35	91	15	88	15	88	31			
1	BC 232122	23 2122	X 130063	0.0						119	53	59	57	98	41	135	5	78	25	75	35			
2	BC 235089	23 5089	BC 175017	0.0						113	47	63	51	112	35	120	15	82	13	78	31			
3	BC 242068	24 2068	BC 175017	0.0						106	47	84	51	100	35	98	15	85	13	75	31			
4	BC 242235	24 2235	BC 125041	0.0						109	46	82	50	97	33	105	14	84	13	76	30			
1	BC 232085	23 2085	BC 161005	0.0						116	50	52	54	93	38	138	8	77	22	67	33			

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin nt821 Q204X F94L Genomic tested	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
											★★★★☆				
1	BC 232029	23 2029	BC 141109	0.0			9556	9659	12953	9712	9234	10141			
											★★★★				
1	BC 141032	BC141032	X 060104	0.0			8074	10273	11481	9619	10350	9856			
2	BC 153015	BC153015		0.0			9162	8559	12376	9816	9531	9046			
3	BC 222502	22 2502	BC 151543	0.0			8455	9336	12449	1116	8020	9031			
4	BC 225013	BC225013	BC 155012	0.0			10252	9153	12248	9615	8427	9037			
5	BC 242266	24 2266	BC 141032	0.0			9553	8656	11442	11510	8726	9136			
6	X 100177	X 100177	X 000034	0.0			10777	7674	10984	12210	9853	9856			
											★★★☆☆				
1	BC 151543	BC151543	X 100053	0.0			7869	9455	11971	11211	8236	8645			
2	BC 161020	BC161020	X 130100	0.0			11170	8469	9777	11810	8544	8751			
3	BC 161049	BC161049	X 130050	0.0			9567	9166	11671	10615	8045	8550			
4	BC 191175	BC191175	X 100014	0.0			11153	7657	9941	1288	8226	8535			
5	BC 232013	23 2013	BC 212047	0.0			8347	10252	11328	1087	7619	8630			
6	BC 232020	23 2020	BC 151050	0.0			10552	6655	11639	1297	8424	8634			
7	BC 232076	23 2076	BC 161020	0.0			9955	8958	10051	1165	8032	8338			
8	BC 235014	23 5014	BC 125044	0.0			10947	8751	9435	11714	8613	8731			
9	BC 235153	23 5153	BC 175019	0.0			9147	9251	11935	9515	8713	8631			
10	BC 242028	24 2028	BC 161020	0.0			12353	7157	10240	1245	7823	8434			
11	BC 242097	24 2097	BC 125044	0.0			11447	6551	10735	13014	8413	8631			
12	BC 242139	24 2139	BC 225013	0.0			9646	9551	11226	1008	7814	8328			
13	BC 242181	24 2181	BC 151543	0.0			9051	8752	11537	1186	7719	8432			
14	BC 242226	24 2226	BC 175019	0.0			9347	9251	11735	9315	8613	8431			
15	BC 242259	24 2259	BC 181044	0.0			10650	7353	10234	12812	8222	8333			
16	X 110031	X 110031	X 070011	0.0			10750	9654	9235	10317	8128	8135			
											★★★				

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value							
Sorted on ID							nt821	Q204X	F94L	Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc							
											★★														
1	BC 151113	BC151113		X 120012	0.0						101	72	81	69	99	77	113	6	82	45	75	51			
2	BC 161035	BMAFBC161035		X 080216	0.0						100	65	86	68	106	75	111	10	73	45	76	50			
3	BC 222066	22 2066		BC 191039	0.0						98	47	93	52	97	28	113	6	74	21	78	30			
4	BC 232039	23 2039		BC 202100	0.0						97	47	97	52	104	28	101	6	74	17	79	29			
5	BC 232110	23 2110		X 130129	0.0						108	53	60	57	99	40	140	7	81	24	77	35			
6	BC 242179	24 2179		BC 161035	0.0						100	52	84	56	108	39	117	5	72	24	78	34			
7	BC 242274	24 2274		X 130129	0.0						106	53	64	57	97	40	136	7	80	24	75	35			

Selection List on Cow Value

Bull Calves younger than 2 years

ID	Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	
Sorted on ID						nt821	Q204X	F94L	Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	

Selection List on Cow Value

Heifers younger than 2 years

ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin			Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value								
Sorted on ID							nt821	Q204X	F94L	Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc								
											★★★★														
1	BC	252148	25 2148	BC 232029	0.0						106	48	89	55	114	29	108	6	81	18	91	30			
											★★★★☆														
1	BC	252090	25 2090	BC 141032	0.0						89	53	94	37	111	40	107	10	86	25	88	31			
2	BC	252111	25 2111	BC 161020	0.0						108	52	84	57	101	40	118	5	77	23	83	34			
											★★★														
1	BC	252188	25 2188	BC 161035	0.0						102	51	81	57	109	39	120	5	71	23	78	34			

	EBVi	Description / Measurement	Goal	Low Value	High Value
Selection Values	Calving Ease Value	Difficult calving due to high birth weight	Average birth weight	High	Low
	Calf Growth Value	Calf's genetic ability for prewean growth	Heavy weaner	Light	Heavy
	Milk Value	Cow's genetic mothering and milking ability	Enough milk for calf	Less	More
	Maintenance Value	Maintenance requirement of cow (weight and milk)	Low cow maintenance	High	Low
	Fertility Value	Fertility and retention of cows and heifers	Fertile cows	Low	High
	Cow Value	Combination of calving ease, calf growth, milk, maintenance and fertility values (Rand-value per Ha)	Profitable cows	Loss	Profit
	Weaner Calf Value	Heavier weaners and more milk, with lower birth and cow weights	Heavy weaner	Light	Heavy
	Growth Value	Efficient growth on veld and in feedlot (Rand-value per animal)	Profitable growth	Loss	Profit
	Production Value	Combination of Cow- and Growth Values (Rand-value)	Profitable animals	Loss	Profit
	Carcass Value	Meat on carcass (Weight and RTU EBVs)	Meat on carcass	Less	More
Birth	Cow weight - birth	Cow weight at birth of calves	Mature cow weight	Light	Heavy
	Birth weight direct	Birth weight (Calf's genetic ability)	Average birth weight	Heavy	Light
	Cow-Calf birth	EBV Birth dir / EBV Mature cow weight	Average	Low	High
Wean	Cow Weight wean	Cow weight at weaning of calves	Mature cow weight	Light	Heavy
	Weaning weight direct	Weaning weight (Calf's genetic ability)	Heavy weaners	Light	Heavy
	Weaning weight mat	Weaning weight (Dam's genetic ability)	Good mothers	Poor	Good
	Cow-Calf Wean	EBV Wean dir / EBV Mature cow weight	High cow-calf ratio	Low	High
Growth & Adaptation	Post-Wean weight	12- and 18mth weights	Post-wean growth	Low	High
	Ave. Daily Gain	Average daily gain in growth test (Phase C and D)	Good growth	Poor	Good
	Veld Growth	ADG on veld (Phase B)	Good adaptation	Poor	Good
	Feed Conversion Ratio	100g feed intake /g weight gain	Feed Efficiency	Poor	Good
	Final Test Weight	Final weight in growth test (Phase C and D)	Heavy Carcasses	Light	Heavy
	Skin Thickness	Measured in growth tests	Thicker skin	Thin	Thick
Fertility	Scrotal Circumference	Scrotal circumference in growth test	Fertile bulls	Less	More
	Heifer Fertility	Age at first calving	Fertile heifers	Less	More
	Cow Fertility	First 3 inter-calving periods (ICPs)	Fertile cows	Less	More
	Longevity	Retention of progeny	Acceptable progeny	Poor	Good
Frame	Height	Shoulder / Hip height in growth test	Average height	Short	Tall
	Length	Length in growth test	Longer (more meat)	Short	Long
	Length:Height	EBV Length / EBV Height	Longer, not higher	Less desirable	More desirable
Carcass	Eye Muscle Area	RTU Eye muscle area	Muscle in carcass	Small	Big
	Fat	RTU P8 Backfat Thickness	Carcass quality & adaptability	Thin	Thick
	Marbling	RTU % Marbling	Juicy meat	Low	High
	Dressing%	Carcass weight / Live weight	High dressing %	Low	High

Notes on the interpretation of EBVs, EBVi's, sub-values and selection values

EBVi (EBVindex) is the breeding value index and is easier to interpret than the breeding value, especially for commercial farmers buying from stud farmers. The base of a breeding value index is 100, which is the average of all the live animals in the breed, and all values are expressed relative to this value. Values above 100 are always in a more desirable direction: an index of 105 for AFC indicates a genetic potential to calve earlier. Note that a very high index is not always desirable. For certain traits, such as birth weight, average values can be better.

EBV: (Estimated Breeding Value) indicates the genetic potential of the animal for a specific trait. It is presented in the unit of measurement and relative to the average of animals born in the base year (1990 for most breeds and traits). Higher values for certain traits are better while lower values for other traits are better, for example, an EBV of -2 for AFC (age at first calving) indicates that the animal has the genetic potential to calve 2 days earlier than the average heifer in 1990 (the base year). Earlier calving is better and therefore low breeding values (high breeding value indices) are better. For weaning weight, higher values are better.

Sub-values combine similar breeding values in a scientific manner to simplify the selection of animals. For example, AFC (age at first calving) and ICP (inter-calving period) are combined to form the sub-value Fertility by taking the heritability and economic importance in consideration. The sub-value is expressed in an index format, thus an animal with a sub-value of 110 for Fertility will genetically be above average compared to the live animals in the breed.

Selection Values (Cow Value and Growth Value) combine the sub-values into a single value. This gives a quick and easy indication of the combined genetic value of an animal compared to the breed. It is advised to still look at the sub-values to see where the strengths and weaknesses lie.

How to use breeding values to select animals

Selecting animals on breeding values is easy if you know how. There is a common saying that “good nutrition can mask poor breeding”. This is very true. If an animal that is genetically inferior is fed well, it can appear as a great animal. This great performance will not be passed over to future generations. An animal that is genetically superior can appear to be inferior if its environment did not allow it to reach its true potential. It is best to select animals that are most adapted to the environment and can reach their full potential. To continuously adapt the environment to the animal can be expensive.

The reason why the use of breeding values is such a valuable tool is because it “removes” the environmental effect that contributes to the performance.

Scientific methods are used to determine how much of the performance is due to genetics and to identify genetically superior animals. This involves the measurement of animals under controlled environments, complete record keeping and pedigree information. *If performance recording and pedigree information are not done correctly, breeding values of these animals will not be useful.* Keep in mind that breeding is a long-term option: the effect of a bull selected/bought today will only show much later. If it is a good decision, his daughters will become part of the breeding herd and contribute to overall profitability in future.

Even if a bull is not perfect in all aspects, knowing the shortcomings will allow strategic selection with suitable cows. Traits are genetically correlated, meaning that a change in one trait can lead to a change in another. This change can be favourable or unfavourable. An increase in weaning weight can lead to an increase in birth weight, which can lead to calving difficulty. It is therefore advisable to not only select on a single trait. Take other traits in consideration to avoid negative effects.

How to improve the herd genetically

The first and most important aspect is to know what type of animal will improve the herd genetically. This can be determined through the following factors:

What happens to the calves? For example: used as replacement heifers, sold as stud animals or sold to commercial breeders who sell weaner calves.

How much feed is available? The availability of feed (or the hardness of the environment) determines the optimal frame size. If feed is abundant and the environment is less harsh, larger animals would be ideal. If not, medium framed animals would be ideal.

What is the genetics of the cow herd? Are they the wrong frame type, grow too slowly, do not have enough milk, etc.? Always aim to breed a calf that is superior to its dam.

Conclusion

Different types of bulls are suitable for different types of cows, environments and breeding objectives. Inbreeding should be avoided or limited as much as possible. Mating programs are available to aid in the pairing of bulls and cows.

The data used for this evaluation is pedigree information and performance data found on LOGIX as provided by breeders. All attempts are made to present accurate information. SA Stud Book takes no responsibility for the use and interpretation of information presented in this report.

