

BEEFMASTER

GENOMIC BREEDING VALUE REPORT

September 2026



SYRINGA FARMS

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BEEFMASTER
CATTLE BREEDERS' SOCIETY OF SA
BEESTELERSGENOOTSAP VAN SA



EBVs, EBVi's and GEBVs

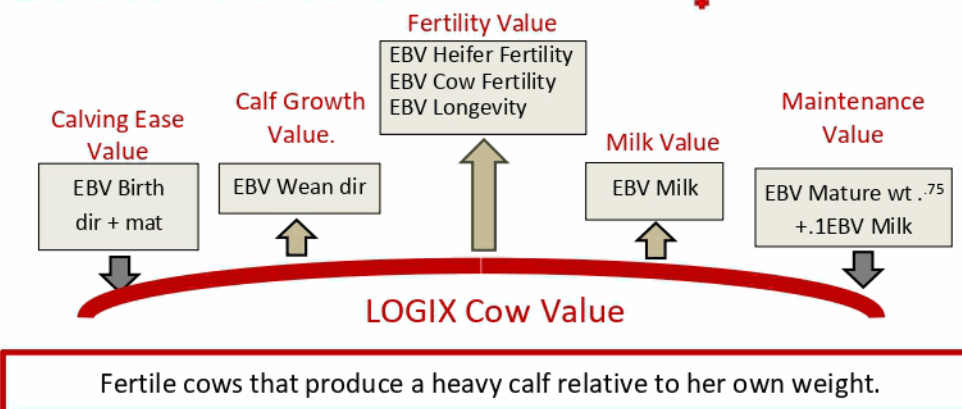
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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)

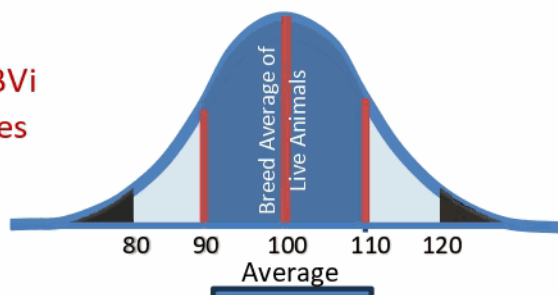
- WeanerCalf / Growth Value > 120
 - Cow Value and Fertility Value average to high
- Growers are usually heavier at birth (lower Calving Ease Value), and maturity (lower Maintenance Value).

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

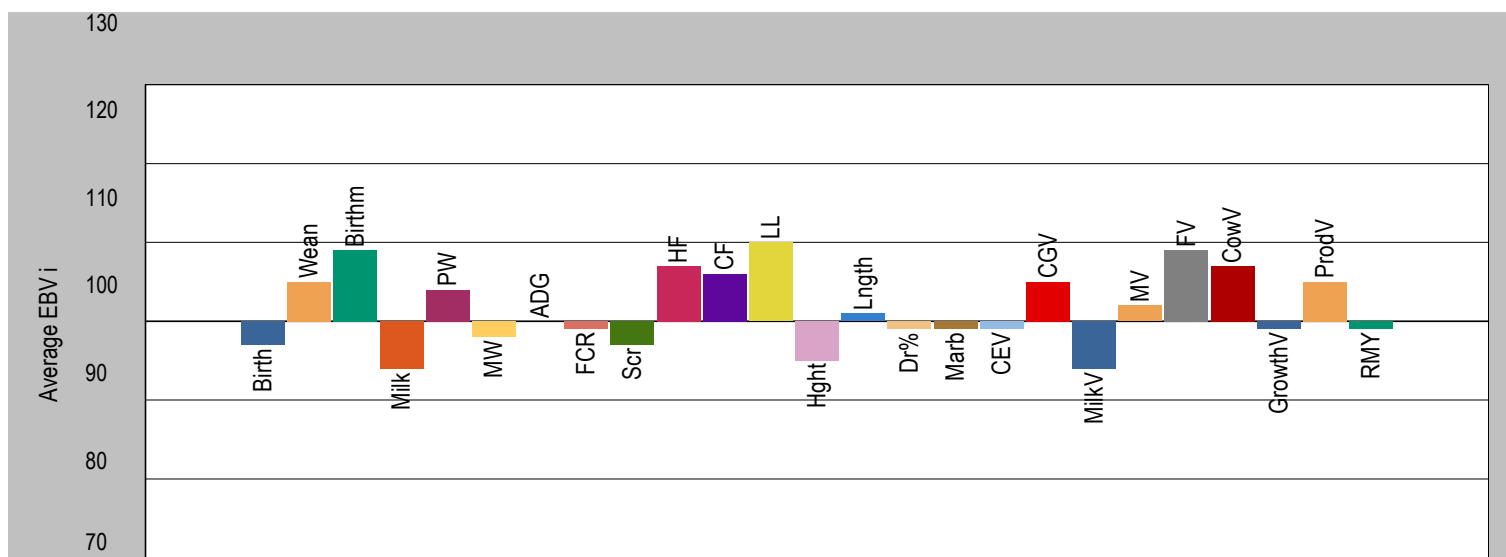
Larger groups result in more accurate and stable breeding values, as the mean and distribution of the group can be more accurately determined and are thus more representative. Groups should preferably have more than 5 animals. Weigh all the animals in the same group on the same day, as corrections for 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
Prewrite Growth	Birth Weight	0.60	97	0.34
	Wean Weight	14.8	105	12.1
	Birth Mat.	-0.41	109	-0.05
	Milk (Wn.Mat.)	-3.0	94	-1.4
Postwean Growth	Postwean Wt	22.0	104	19.0
	Mature Weight	5	98	7
	ADG	73	100	72
	FCR	-38	99	-39
Fertility	Scrotal Circumf.	9.4	97	11.1
	Heifer Fertility	-13.2	107	-7.5
	Cow Fertility	-5.3	106	-4.1
	Longevity	20.9	110	14.8
Frame	Height	-1	95	1
	Length	14	101	13
Carcass	EMA	0.85	100	0.85
	Fat	-0.06	97	0.11
	Marbling	0.25	99	0.30

Selection Value	Ave. Herd
Calving Ease	99
Calf Growth	105
Milk	94
Maintenance	102
Fertility	109
Cow Value	107
Growth Value	99
Production Value	105
Carcass Value	99

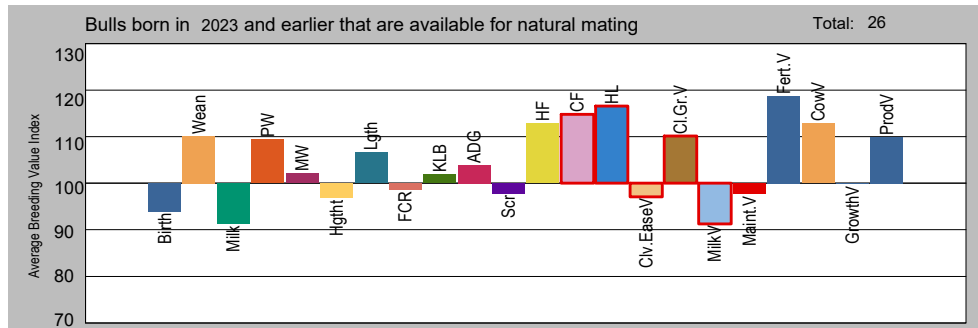
- Average of live animals in the breed: 100
- Above 100: **more favourable**,
- Below 100: **less favourable**

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

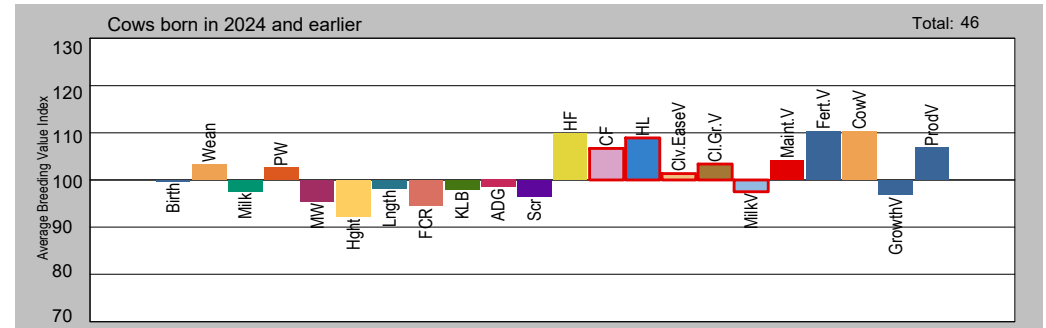
Genetic Windows

Bulls on the farm



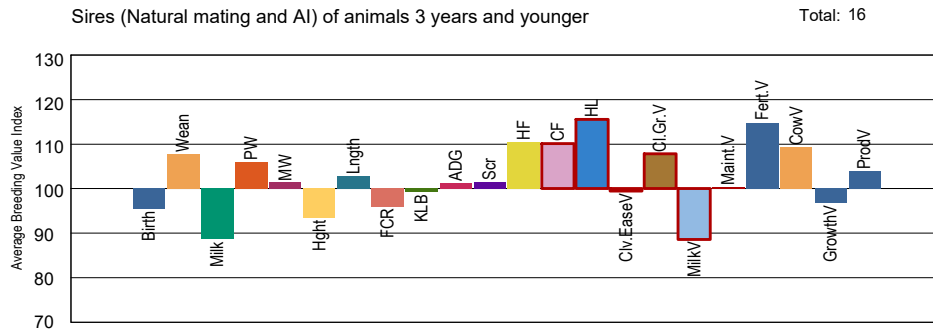
Animals available for breeding

Cow Herd

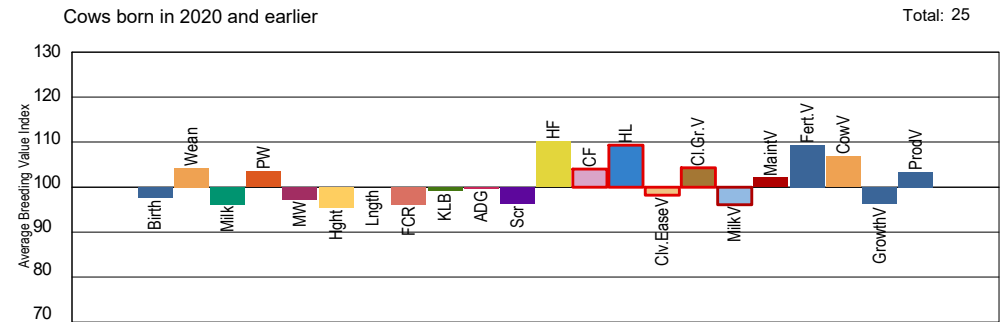


Results of previous selection decisions

Sires of young animals

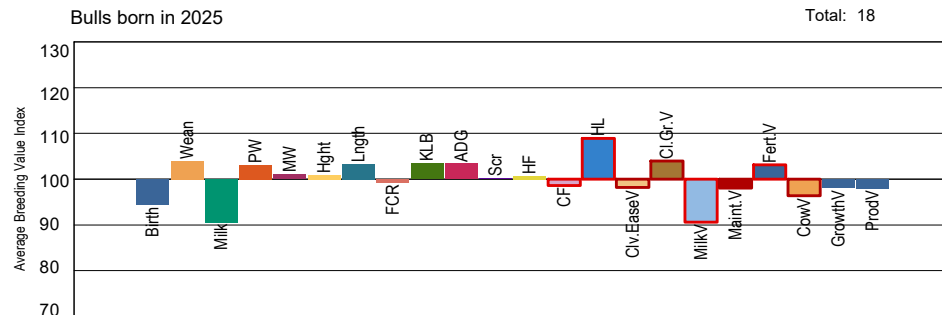


Cows older than 6 years

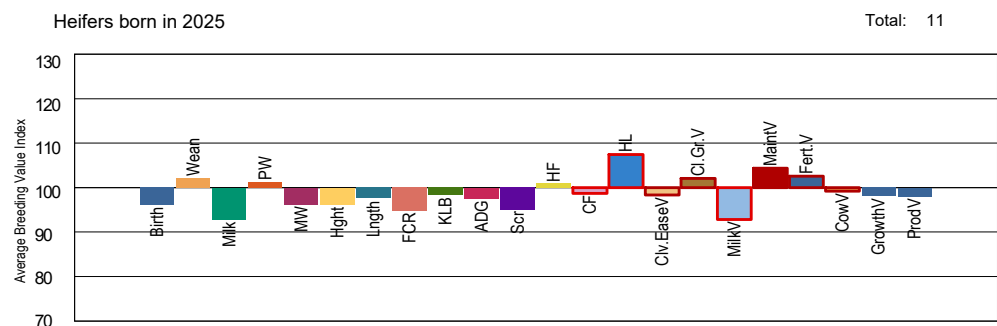


Selection possibilities

Bull calves



Heifer calves

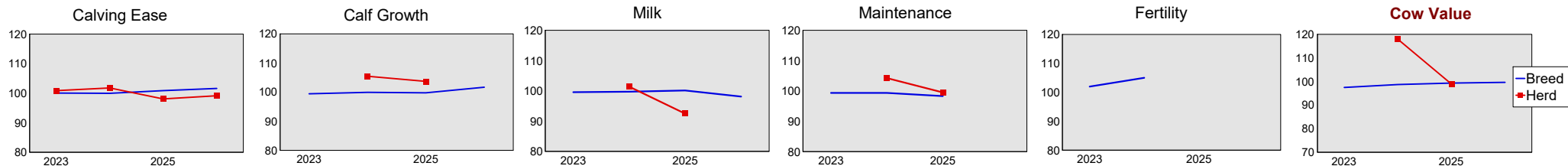


Summary of Cow Herd

			Selection Values (SV)								Calf Weight		Dam		Growth & Efficiency				Fertiity				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	100	100	100	99
2017	5	★★★★★	95	105	93	120	111	115	98	114	95	105	112	93	103	81	101	102	100	114	104	109	93	95
2018	4	★★★★☆	100	102	94	94	114	103	94	104	101	102	107	94	101	107	96	94	95	115	108	112	95	99
2019	6	★★★★☆	95	105	99	100	107	104	91	100	97	105	100	99	104	99	100	98	96	104	104	108	98	102
2020	12	★★★★☆	103	102	95	100	107	103	98	100	100	102	108	95	101	99	97	96	92	109	102	106	94	100
2021	2	★★★★☆	105	103	96	92	112	104	97	99	101	103	111	96	102	108	102	102	99	109	109	111	93	100
2023	9	★★★★★	104	101	100	110	111	115	96	111	101	101	108	100	100	90	96	96	98	110	105	111	88	95
2024	10	★★★★★	107	103	100	106	112	116	98	113	104	103	106	100	103	93	97	96	95	109	115	105	88	97
2025	11	★★★★	98	102	93	104	103	99	98	98	96	102	108	93	101	96	98	98	95	101	99	107	96	98
2026	3	★★★★☆	95	108	93	97	109	103	106	94	93	108	107	93	108	101	106	107	99	103	102	117	100	103
Cows in Herd Average:			100	103	96	103	110	107	97	104	99	103	107	96	103	97	99	99	97	108	105	110	94	99

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.



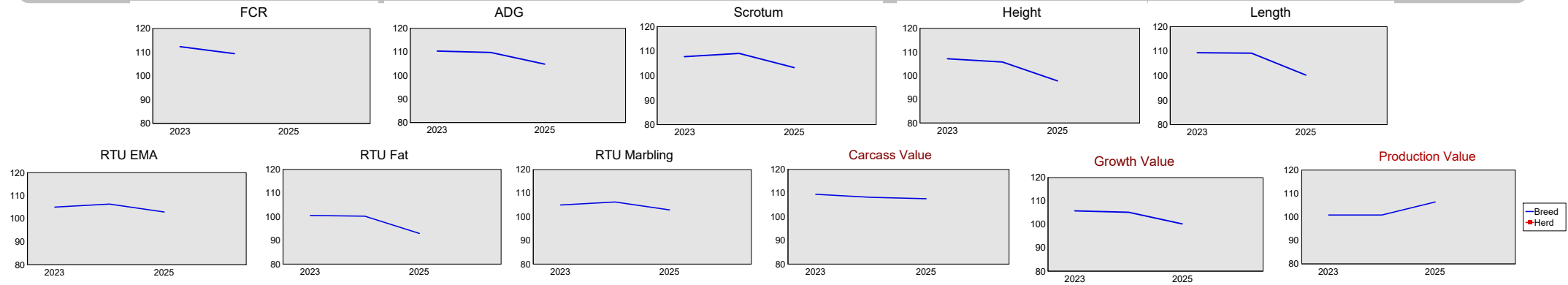
Herd

Birth Year	Calving Ease				Calf Growth			Milk		Maintenance						Fertility						Cow Value
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Mainte- nance	Heifer Fert.		Cow Fert.		Longevity		Ferti- lity	
	Number	Dir EBV			Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		
2023	6	0.41	-0.21	101																		
2024	17	0.40	-0.41	102	14	15.3	106	14	-1.01	101	13	22.7		104							118	
2025	26	0.77	-0.36	98	24	14.2	104	24	-3.52	93	6	21.6		100							99	
2026	7	0.53	-0.33	99																		

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.)		Postwean Weight		Mature Weight		Maine-nance	Heifer Fert.		Cow Fert.		Longevity		Ferti- lity				
	Number	Dir EBV			Number	EBV		Number	EBV	Milk	Number	EBV	Number		EBV	Number	EBV	Number	EBV	Number		EBV			
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			
2023																									
2024																									
2025																									
2026																									

Breed

Birth Year	Growth								Frame						Carcass						Selection Values					
	FCR			ADG			Scrotum			Height			Length			RTU		EMA		Fat		Marbling		Cracss Value	Growth Value	Prod Value
	Number	EBV	EBVi	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.
				Name																										
BOS 190036 RLR 150055 RLR 150007 BOS 190036				101	105	73	124	94	96	87	90	101	105	99	73	102	79	90	86	134	98	80	111	87	89	96	94	113	2	29
				68	85	61	49	49	59	42	56	0.27	14.7	-0.03	-9.0	20.6	-17	37	-23	30.8	-5.8	0.0	21.3	-6	3	0.50	-0.23	1.05		
												71	85	58	61	68	49	66	12	74	51	33	62	76	73	32	29	29		
BOS 099122 WO 030042 BOS 022110 BOS099122				76	113	96	130	110	120	100	114	80	113	143	96	108	70	104	102	104	115	105	106	97	94	99	109	103	25	118
				91	96	93	79	86	82	64	78	1.97	19.5	-1.77	-2.4	25.3	-28	88	-41	13.3	-19.0	-5.1	18.7	0	8	0.73	0.61	0.47	1	40
												92	96	88	93	86	79	82	44	84	91	73	93	84	83	58	53	52		153
BOS 100048 WO 030042 BOS 077298 BOS100048				109	98	79	124	77	86	105	83	106	98	107	79	101	78	112	109	91	87	66	96	109	108	97	89	87	76	194
				97	98	97	95	96	88	94	89	-0.14	11.0	-0.32	-7.3	19.6	-18	115	-49	5.8	2.9	2.8	12.4	7	21	0.58	-0.55	-0.43		
												97	98	96	97	97	95	95	94	95	97	95	97	96	95	94	94	94	42	158
BOS 100441 WO 050269 BOS 033629 BOS100441				85	116	72	84	94	74	112	74	91	116	85	72	117	119	118	117	88	106	78	105	91	102	121	57	83		66
				90	95	93	87	91	84	86	84	1.09	21.3	0.54	-9.3	32.1	28	137	-57	4.5	-12.2	0.3	17.8	-4	15	2.87	-2.40	-0.65		
												90	95	89	93	91	87	87	85	88	92	87	94	88	88	86	85	85	24	75
BOS 111440 BOS 088246 BOS 099084 BOS111440				116	109	91	91	93	98	81	90	115	109	96	91	107	108	86	78	119	80	111	93	90	96	89	119	99	14	102
				90	95	94	84	90	83	82	83	-0.92	17.5	0.12	-4.0	24.8	16	20	-15	21.7	8.1	-6.3	10.4	-4	9	-0.23	1.20	0.27	3	50
												90	95	89	94	89	84	84	78	86	92	83	94	86	85	81	80	80		152
BOS 133079 WO 100126 BOS 088142 BOS133079				95	114	101	75	105	97	105	94	101	114	82	101	114	129	102	85	95	107	101	105	98	112	118	83	120	1	36
				74	89	83	53	72	69	40	63	0.26	20.3	0.64	-1.3	29.6	41	79	-23	8.1	-12.7	-4.3	17.8	1	25	2.65	-0.88	1.41		
												75	89	70	83	74	53	59	19	63	79	52	85	57	56	41	37	36	1	14
BOS 133097 WO 980062 BOS 033011 BOS133097				101	114	87	95	123	117	107	113	99	114	132	87	112	104	117	125	97	115	127	112	83	103	115	105	94	5	184
				88	97	95	72	90	82	60	78	0.43	20.3	-1.32	-5.0	28.2	11	132	-66	9.2	-19.2	-9.4	21.9	-9	17	2.34	0.40	-0.05		
												89	97	84	95	88	72	77	41	81	93	83	93	81	80	62	59	58	5	73
BOS 133175 BOS 066188 BOS 099141 BOS133175				104	103	88	110	100	101	107	98	105	103	143	88	106	92	117	118	105	117	85	102	84	93	101	96	109		52
				70	91	86	52	75	70	38	64	-0.09	13.7	-1.77	-4.7	23.9	-2	134	-59	13.8	-21.0	-1.1	15.9	-8	7	0.98	-0.13	0.80		
												70	91	69	86	74	52	55	17	60	81	56	88	61	59	33	30	29	1	19
BOS 133309 BOS 099241 BOS 088064 BOS133309				119	108	78	94	110	105	92	99	111	108	121	78	107	105	92	82	89	119	104	103	88	101	99	92	105	1	117
				81	96	90	59	83	76	38	68	-0.58	16.6	-0.87	-7.6	24.3	13	42	-19	5.0	-22.2	-5.0	16.7	-5	14	0.71	-0.39	0.55		
												82	96	76	90	87	59	57	14	62	88	70	91	58	56	29	27	27	1	36
BOS 144056 BOS 099241 BOS 099139 BOS144056				78	110	85	74	101	73	79	66	83	110	91	85	108	132	87	79	75	105	93	107	90	106	103	112	107	1	63
				78	93	89	64	78	74	38	67	1.74	18.1	0.32	-5.7	25.1	44	26	-16	-3.2	-11.6	-2.6	19.1	-4	19	1.19	0.78	0.69		
												78	93	76	89	80	64	55	16	59	85	63	87	59	58	44	40	39		91
BOS 144170 BOS 100048 BOS 100106 BOS144170				77	113	102	100	88	91	99	87	72	113	112	102	115	98	104	92	101	93	86	97	113	122	105	83	92	6	122
				79	95	85	58	76	73	42	67	2.63	19.7	-0.55	-0.8	30.4	5	85	-30	11.7	-1.6	-1.2	12.8	9	34	1.30	-0.87	-0.14		
												81	95	70	85	85	58	64	16	69	87	56	85	70	68	52	48	47	3	21

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.
BOS 144174		BOS 100048 BOS 099083	112	103	80	111	95	98	89	91	111	103	98	80	100	92	96	87	99	115	75	104	115	113	93	89	94	81	211
BOS144174			98	98	97	95	96	89	95	90	-0.60	13.7	0.01	-7.0	18.9	-3	56	-25	10.6	-18.9	0.9	17.0	10	26	0.12	-0.53	-0.05	20	52
BOS 144181		BOS 100048 BOS 100421	129	109	64	138	90	114	119	112	128	109	94	64	113	59	126	117	102	97	81	103	98	118	117	96	97	17	20
BOS144181			92	93	91	89	89	83	88	84	-1.95	17.4	0.19	-11.7	29.3	-39	168	-57	12.2	-4.9	-0.2	16.5	0	30	2.53	-0.12	0.15	6	6
BOS 144246		BOS 099122 BOS 100363	94	108	101	134	102	123	99	117	91	108	127	101	101	63	102	98	117	107	96	103	84	96	104	97	106	106	113
BOS144246			95	96	93	90	89	85	88	86	1.09	16.8	-1.14	-1.2	19.5	-35	81	-37	21.0	-13.1	-3.3	16.6	-8	9	1.27	-0.09	0.66	47	38
BOS 144451		BOS 099110 BOS 099053	94	108	89	109	142	143	97	135	94	108	138	89	111	93	105	99	87	136	149	132	70	105	110	124	104	2	305
BOS144451			96	99	97	95	97	89	94	90	0.83	17.0	-1.54	-4.4	27.3	-1	92	-38	3.6	-35.7	-13.9	34.8	-16	18	1.86	1.48	0.54	2	73
BOS 155291		BOS 111100 BOS 122385	108	102	83	126	100	108	95	102	109	102	143	83	98	76	101	91	90	112	84	106	109	109	87	145	128	13	50
BOS155291			78	90	80	53	71	69	52	66	-0.39	13.1	-1.77	-6.3	17.5	-21	75	-29	5.2	-17.2	-0.9	18.5	7	22	-0.46	2.75	1.90	4	13
BOS 155687		WO 100126 BOS 122623	97	114	89	93	91	92	116	91	94	114	111	89	117	106	110	91	109	108	78	98	103	120	116	97	110	51	137
BOS155687			87	95	84	50	73	73	48	68	0.87	20.4	-0.49	-4.6	32.0	13	110	-29	16.1	-13.4	0.4	13.8	3	33	2.40	-0.05	0.85	11	27
BOS 166136		BOS 133148 BOS 133125	130	95	84	97	129	118	98	112	121	95	120	84	96	102	99	83	58	142	123	107	91	110	103	92	99	101	92
BOS166136			95	96	93	90	91	85	90	86	-1.39	9.1	-0.84	-6.0	16.1	9	70	-20	-12.6	-40.0	-8.6	19.0	-4	23	1.14	-0.39	0.26	18	34
BOS 166261		BOS 122172 BOS 122356	91	114	69	94	116	96	104	93	89	114	128	69	111	106	103	91	97	87	129	118	94	103	100	105	110		31
BOS166261			87	92	89	84	87	81	83	81	1.29	20.1	-1.15	-10.2	27.8	14	85	-29	9.6	2.7	-9.9	26.0	-2	17	0.87	0.38	0.88		12
BOS 166552		BOS 100441 BOS 099783	74	113	92	98	102	92			82	113	83	92	111	100	112		94	100	101	104	101	105	110	76	93		4
BOS166552			55	74	69	39	54	54			1.83	19.8	0.61	-3.8	27.2	7	115		7.7	-7.1	-4.3	17.4	2	18	1.81	-1.30	-0.09		3
BOS 177085		BOS 144090 BOS 144200	71	133	99	72	117	108	120	107	53	133	142	99	130	135	127	122	103	105	120	115	124	133	115	118	113	23	30
BOS177085			79	87	73	61	60	67	50	64	4.28	31.2	-1.72	-1.7	42.5	47	170	-63	13.0	-11.6	-8.0	24.3	16	44	2.35	1.16	1.03	5	8
BOS 177146		BOS 144451 BOS 144160	103	120	78	81	142	127	96	120	97	120	123	78	121	123	105	102	102	119	149	134	89	114	122	130	103	16	371
BOS177146			98	99	98	96	97	89	96	90	0.56	23.5	-0.97	-7.6	35.6	33	89	-41	12.2	-22.1	-13.9	35.8	-5	26	3.06	1.87	0.46	5	61

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.	
BOS 177200		BOS 099197 BOS 077152	117	107	84	110	122	126	92	118	110	107	117	84	105	92	100	95	97	119	114	120	91	102	96	131	113		47	
BOS177200			87	93	88	85	88	81	84	82	-0.46	16.3	-0.74	-6.0	22.9	-2	72	-34	9.5	-22.6	-6.9	27.1	-4	16	0.43	1.93	1.02		2	4
BOS 177208		BOS 100432 BOS 044030	84	117	93	87	111	101	113	100	89	117	90	93	120	113	115	113	112	102	105	119	108	107	107	149	109	9	12	
BOS177208			72	80	69	55	64	63	34	57	1.27	21.9	0.33	-3.4	34.7	22	125	-53	17.9	-8.7	-5.1	26.6	6	20	1.57	2.99	0.82		2	2
BOS 177262		BOS 144309 BOS 133384	102	108	116	113	115	134	109	130	98	108	112	116	108	89	104	96	105	108	127	102	88	103	115	90	103	28	116	
BOS177262			91	96	90	86	89	83	84	83	0.54	16.8	-0.54	3.2	25.4	-6	88	-35	13.9	-13.7	-9.5	15.9	-5	16	2.30	-0.49	0.49	1	15	20
BOS 177608		BOS 100441 BOS 100776	84	114	94	85	119	104	112	102	89	114	87	94	117	116	113	105	94	122	123	103	101	107	111	95	102		46	
BOS177608			82	91	85	81	85	78	80	78	1.21	20.1	0.44	-3.1	32.5	25	118	-45	8.0	-24.5	-8.6	16.6	2	20	1.94	-0.16	0.39		4	5
BOS 177611		BOS 100441 BOS 100591	91	104	93	93	104	93			93	104	97	93	103	105	102		86	102	93	116	97	98	101	68	81		1	
BOS177611			44	69	63	28	48	47			0.90	14.4	0.08	-3.3	21.5	13	78		3.4	-8.7	-2.7	24.6	0	11	0.99	-1.76	-0.79		1	2
BOS 199390		BOS 122163 BOS 099142	91	80	115	124	114	110	73	100	91	80	135	115	78	76	79	74	82	115	110	110	65	73	75	106	86	78	74	
LAND CRUISER BOS 19 9390			95	96	94	93	93	86	92	87	1.07	0.7	-1.44	2.9	1.7	-20	-6	-10	0.9	-18.9	-6.0	21.0	-19	-12	-1.61	0.46	-0.52		1	1
BOS 199391		BOS 122163 BOS 100250	101	102	95	109	112	112	105	108	99	102	105	95	97	93	105	93	91	107	104	118	92	104	103	95	99	1	4	
BOS199391			55	74	64	37	56	54	28	49	0.43	13.2	-0.25	-2.7	16.8	-1	92	-31	6.1	-13.1	-4.8	25.9	-3	18	1.14	-0.17	0.23			
BOS 200126		BOS 177146 BOS 177183	110	117	76	77	136	117	87	109	106	117	110	76	117	129	94	91	86	112	141	129	78	104	118	120	110	15	13	
BOS200126			88	90	86	84	86	80	84	81	-0.13	22.2	-0.43	-8.2	31.9	40	51	-30	2.9	-16.9	-12.3	32.8	-12	17	2.66	1.30	0.87	2		
BOS 200211		BOS 177146 BOS 166050	83	129	81	87	128	116	100	110	79	129	116	81	125	114	114	116	115	110	137	117	114	121	119	123	106	101	106	
BOS200211			90	94	61	39	57	64	32	58	2.08	28.6	-0.68	-6.8	38.3	23	123	-57	19.5	-15.1	-11.5	25.6	10	34	2.71	1.47	0.66			
BOS 200229		BOS 133097 BOS 177455	94	111	92	91	113	105	102	100	90	111	113	92	105	108	108	111	99	130	99	107	87	100	105	101	92	1	1	
BOS200229			85	87	86	83	85	78	83	79	1.18	18.7	-0.57	-3.7	22.6	17	103	-52	10.3	-30.9	-3.9	18.8	-6	13	1.33	0.17	-0.14			
BOS 200363		BOS 144174 BOS 155210	121	100	88	122	108	120	92	113	114	100	113	88	98	81	96	86	100	122	79	121	102	103	93	98	99	1	4	
BOS200363			58	73	61	40	52	53	34	49	-0.86	12.3	-0.57	-4.8	17.6	-15	56	-24	10.9	-24.7	0.2	28.0	2	16	0.14	0.00	0.22			

Sires

Bull				Selection Values							Calf		Dam		Growth				Fertility				Frame		Carcass			Measured Progeny				
ID	Index EBV Acc	Sire ID Dam ID	G	Calv.	Calf	Milk	Maint.	Fertility	Cow	Growth	Prod	Birth	Wean	Birth	Wean	Post wn	Mature	ADG	FCR	Scrotal	Heifer	Cow	Long-evi	Height	Length	EMA	Fat	Marbling	Birth	Wean		
				Ease	Grwth	Value	Value	Value	Value	Value	Dir	Dir	Mat.	Mat.	wt	weight							Fertility	Fertility	ty						Grwth	Dgt/Calvs.
BOS 211300				BOS 177146	BOS 166086							94	113	128	89	113	102	101	96	98	114	132	129	90	102	109	112	106				
BOS211300				53	69	62	38	53	124	96	117	54	69	48	62	58	38	41	22	44	58	44	58	43	57	44	43	31	28	28		
BOS 211401				BOS 100048	BOS 122405							93	104	107	93	105	99	109	99	95	87	86	110	113	111	100	84	92	19	26		
BOS211401				73	84	66	45	56	90	106	88	78	84	56	66	61	45	46	15	48	58	48	58	46	65	46	46	25	23	23		
BOS 211460				BOS 144174	BOS 144162							107	108	101	84	107	102	104	95	101	104	86	113	108	113	101	93	99	1	1		
BOS211460				58	70	62	38	52	97	101	94	60	70	51	62	58	38	46	12	49	57	11.9	-10.4	-1.3	22.8	6	26	0.99	-0.28	0.22		
PB 190062				GH 160402	PB 160053							107	86	89	93	87	92	85	71	103	115	93	103	79	83	82	95	98	21	36		
PB190062				87	91	82	78	82	92	88	86	89	91	81	82	9.3	-2	17	-8	12.7	-18.8	12.7	-18.8	-2.7	16.8	-11	-3	-0.87	-0.17	0.18		
S 177023				BOS 133179	BOS 144488							64	126	120	81	121	129	120	115	105	91	107	121	109	118	111	92	121	12	121		
177023				95	97	95	92	94	92	116	92	87	92	93	95	34.9	41	145	-55	13.9	-0.6	13.9	-0.6	-5.5	27.8	7	30	1.95	-0.34	1.51	29	48
V8 160085				BOS 122346	BOS 099243							88	102	114	61	97	108	99	102	114	103	105	110	88	89	94	119	116	251	181		
HILUX V8 16 0085				98	98	96	94	95	75	95	72	98	98	96	96	16.9	16	70	-41	19.0	-9.7	19.0	-9.7	-5.1	21.1	-6	3	0.21	1.22	1.22	18	43

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	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																															
BOS 200658 91025833 BOS200658	3	BOS 177146 BOS 177544	110 52	106 69	92 57	107 38	130 52	130 50	94 32	122 46	101 28	105 -0.04	112 -0.51	94 0	106 15.5	92 -3.7	101 44	105 22.9	100 71	96 -35	102 12.3	110 -15.2	128 -9.8	130 33.7	87 -6	103 16	108 1.63	106 0.48	97 0.15		
BOS 211116 92550987 BOS211116	3	BOS 177146 BOS 188297	102 53	114 68	84 60	82 39	129 53	112 51	96 31	106 47	108 30	96 0.63	117 -0.72	121 31	114 20.2	84 -6.0	91 22	113 29.2	102 79	92 -30	96 8.9	111 -15.8	126 -9.3	128 32.4	100 1	115 27	114 2.19	109 0.63	108 0.74		
BOS 211163 92698943 BOS211163	5	S 177023 BOS 166216	80 49	123 67	79 55	85 29	99 45	87 46	113 22	86 41	112 22	76 2.30	121 -0.90	117 26	123 25.7	79 -7.3	99 39	120 34.8	116 131	113 -53	98 10.1	98 -5.5	89 -1.8	112 22.4	107 5	113 26	107 1.52	84 -0.85	113 1.03		
BOS 211193 92698968 BOS211193	6	S 177023 BOS 166115	80 49	122 68	81 58	84 29	113 47	96 47			109 16	76 2.31	119 -0.81	119 28	122 24.8	81 -6.8	98 37	117 32.4	108 103	102 -41	97 9.3	104 -10.7	105 -5.1	120 27.3	103 3	113 26	107 1.52	96 -0.11	116 1.19		
BOS 211260 92697952 BOS211260	3	BOS 177146 BOS 155067	105 53	117 69	85 62	88 37	136 52	126 51	98 31	119 47	111 28	99 0.40	122 -0.91	113 21	117 21.9	85 -5.7	98 38	115 30.8	106 92	100 -39	104 13.4	111 -16.0	145 -13.1	125 30.2	95 -2	111 24	115 2.38	123 1.44	107 0.72		
BOS 211300 92697333 BOS211300	5	BOS 177146 BOS 166086	97 53	113 69	89 62	97 38	133 53	124 51	96 32	117 47	104 30	94 0.80	128 -1.17	102 9	113 19.7	89 -4.5	102 48	113 28.9	101 76	96 -35	98 9.8	114 -18.7	132 -10.4	129 32.8	90 -4	102 16	109 1.77	112 0.83	106 0.63		
BOS 211309 92697416 BOS211309	4	S 177023 BOS 155210	88 51	115 70	89 58	98 30	115 48	109 48	107 23	105 43	107 17	85 1.56	126 -1.07	100 8	115 20.9	89 -4.5	105 55	112 28.1	109 105	102 -41	104 13.1	110 -15.2	95 -3.1	130 33.2	100 2	107 20	103 1.17	100 0.11	113 1.03		
BOS 211344 92821362 BOS211344	3	BOS 144451 BOS 155060	97 50	111 69	89 63	102 40	142 54	132 51	101 27	126 46	105 22	92 1.02	121 -0.90	97 3	111 18.4	89 -4.5	102 48	112 28.4	107 97	100 -39	91 5.8	120 -23.0	149 -13.9	125 30.4	82 -9	104 17	107 1.59	112 0.78	104 0.55		
BOS 211353 92821453 BOS211353	3	BOS 144170 BOS 177083	88 46	109 67	97 56	109 35	113 48	113 47	101 24	108 42	103 26	87 1.45	109 -0.40	92 -2	109 17.2	97 -2.4	109 62	109 25.9	104 88	95 -34	100 10.8	121 -24.0	105 -5.1	107 19.2	107 5	113 26	105 1.30	91 -0.39	104 0.51		
BOS 211401 92821974 BOS211401	7	BOS 100048 BOS 122405	95 73	104 84	93 66	99 45	93 56	90 61	106 31	88 55	101 24	93 0.88	107 -0.33	99 6	104 14.7	93 -3.2	98 37	105 23.2	109 103	99 -38	95 8.5	87 2.5	86 -1.3	110 21.1	113 9	111 24	100 0.82	84 -0.85	92 -0.17		
BOS 211460 92938315 BOS211460	6	BOS 144174 BOS 144162	108 58	108 70	84 62	97 38	100 52	97 52	101 30	94 48	102 19	107 -0.21	101 -0.09	102 10	108 16.5	84 -6.0	92 23	107 24.4	104 88	95 -34	101 11.9	104 -10.4	86 -1.3	113 22.8	108 6	113 26	101 0.99	93 -0.28	99 0.22		
BOS 211461 92938323 BOS211461	1	BOS 144451 BOS 166573	103 48	107 68	93 62	98 37	142 53	133 50	93 26	125 45	101 20	98 0.51	125 -1.04	101 8	107 16.2	93 -3.3	100 42	107 24.7	100 73	95 -33	90 5.6	135 -35.0	143 -12.6	127 31.5	84 -8	103 17	104 1.23	109 0.62	100 0.31		

Breeding Values and Accuracies: Bulls

Green: >120 High
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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																																
BOS 211550 92939065 BOS211550				3	BOS 177262 BOS 177100	95 47	107 67	104 55	95 31	114 46	112 46	94 23	105 41	100 20	94 0.86	106 -0.27	102 10	107 16.1	104 -0.4	108 60	105 23.3	96 58	88 -26	91 5.7	113 -17.9	109 -5.8	112 22.1	90 -5	103 17	107 1.50	98 -0.01	104 0.55
BOS 211553 92939081 BOS211553				1	BOS 144451 BOS 088176	91 52	114 70	92 64	106 42	142 55	136 53	97 29	129 48	109 22	88 1.34	126 -1.10	94 0	114 20.2	92 -3.7	110 65	115 30.5	105 92	101 -40	96 9.0	128 -29.3	149 -13.9	123 28.9	92 -3	109 22	110 1.88	119 1.24	109 0.80
BOS 211570 93245777 BOS211570					BOS 144174 BOS 166616	104 51	102 67	84 58	102 35	104 49	97 49	91 27	91 45	93 16	105 -0.06	96 0.08	97 4	102 13.4	84 -5.8	89 16	101 19.9	97 62	95 -34	93 7.2	116 -20.2	86 -1.2	110 20.9	104 4	103 17	94 0.25	80 -1.09	86 -0.48
BOS 211629 93246270 BOS211629					BOS 177608 BOS 188639	96 30	108 63	94 50	93 22	127 43	115 39			103 12	95 0.77	104 -0.21	105 13	108 16.6	94 -3.0	100 41	110 26.8	106 95	103 -42	92 6.7	121 -23.7	129 -9.8	114 23.3	91 -4	103 16	105 1.35	99 0.05	99 0.25
BOS 222025 94004942 BOS222025					BOS 177608 BOS 177363	93 28	111 63	89 48	92 22	113 41	102 38			102 14	94 0.83	98 0.04	107 15	111 18.2	89 -4.4	98 36	112 28.6	104 88	98 -37	91 6.3	114 -18.2	105 -5.2	112 22.0	96 -1	104 17	106 1.40	99 0.06	106 0.61
BOS 233110 95915336 BOS233110				1	BOS 199391 BOS 199716	109 37	98 60	100 47	111 23	112 39	116 39	98 20	110 35	97 18	102 0.13	115 -0.65	91 -4	98 10.8	100 -1.5	100 42	94 14.4	101 75	92 -30	91 6.2	116 -19.6	104 -5.0	111 21.5	99 1	104 17	95 0.41	106 0.48	104 0.50
BOS 233147 96069562 BOS233147				2	BOS 177146 BOS 188014	95 52	121 67	84 60	83 35	134 51	120 50	100 30	114 46	108 28	93 0.92	107 -0.34	120 29	121 24.0	84 -5.8	99 39	123 36.7	104 87	97 -36	99 10.6	121 -23.8	135 -11.1	124 29.6	93 -3	110 23	115 2.37	112 0.83	111 0.90
BOS 233161 96069679 BOS233161				2	BOS 177200 BOS 199659	109 37	111 65	96 50	98 27	106 42	113 42	89 20	105 38	98 19	105 -0.12	106 -0.31	100 7	111 18.4	96 -2.7	106 57	111 27.2	97 60	96 -35	104 13.6	99 -6.9	105 -5.2	110 21.2	98 0	103 16	93 0.14	117 1.11	102 0.42
BOS 233279 96370150 BOS233279				5	BOS 200211 BOS 200518	94 53	122 66	81 50	90 29	125 39	116 45	100 22	111 40	112 17	89 1.23	116 -0.71	110 19	122 25.1	81 -6.6	102 47	121 35.1	109 105	103 -42	99 10.8	121 -23.7	126 -9.2	112 22.5	109 6	120 32	114 2.19	109 0.62	106 0.66
BOS 233419 96114079 BOS233419				3	BOS 177262 BOS 177539	109 48	104 68	103 55	122 31	114 44	130 46	106 24	125 42	103 18	104 0.01	111 -0.48	80 -16	104 14.2	103 -0.5	116 80	105 22.6	106 96	101 -40	101 12.0	115 -19.3	114 -6.9	106 18.4	93 -3	103 16	108 1.61	93 -0.31	98 0.20
BOS 233487 96760327 BOS233487				5	BOS 177085 BOS 177492	71 51	121 56	94 51	98 39	111 43	105 45	107 32	102 42	111 23	65 3.21	141 -1.66	100 8	121 24.4	94 -3.2	116 79	119 33.5	112 116	108 -47	102 12.2	108 -14.0	109 -5.9	108 20.0	106 5	111 24	103 1.11	114 0.92	110 0.89
BOS 233644 96325691 BOS233644				4	BOS 177262 BOS 188008	99 48	108 68	105 56	101 31	121 46	124 47	109 24	120 42	110 19	96 0.68	128 -1.16	96 3	108 16.6	105 0.1	113 73	106 23.3	113 118	110 -50	107 15.2	120 -23.1	120 -8.0	111 21.5	98 0	108 21	113 2.12	99 0.04	108 0.78

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		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	% Inbreeding																												
SYB 230005 98908833 SYB230005	1	PB 190062 BOS 200407	101 46	95 56	96 44	105 20	111 37	103 38			89 16	101 0.25 49	99 -0.03 37	95 1 20	95 9.4 56	96 -2.5 44	92 24 40	95 15.1 46	93 48 21	91 -29 10	98 10.3 22	108 -13.9 41	106 -5.3 25	111 21.8 46	84 -8 22	90 4 21	90 -0.17 16	98 -0.02 15	97 0.15 15
SYB 230009 98908825 SYB230009	1	PB 190062 BOS 211042	105 45	92 55	95 41	97 19	108 37	95 37			87 8	104 0.00 48	101 -0.11 35	101 9 19	92 7.7 55	95 -2.8 41	85 8 38	93 13.4 44	92 43 18		101 11.4 19	110 -15.3 41	99 -3.9 22	110 21.3 47	88 -6 18	92 5 18	89 -0.18 8	93 -0.33 7	100 0.27 7
SYB 240003 98917347 SYB240003	3	BOS 177262 BOS 177308	82 59	116 68	109 55	107 33	123 47	128 49	108 26	124 44	111 21	79 2.08 63	125 -1.03 45	93 0 33	116 21.4 68	109 1.0 55	126 104 52	114 29.7 56	109 104 30	104 -43 21	110 16.7 32	114 -18.1 54	126 -9.3 32	114 23.2 55	103 3 32	108 21 31	113 2.17 22	101 0.17 20	106 0.64 20
SYB 240010 98898760 SYB240010	4	BOS 177262 BOS 188008	91 58	109 68	108 56	102 31	124 45	125 48	108 24	121 43	109 19	89 1.24 62	130 -1.26 44	96 2 31	109 17.5 68	108 0.9 56	118 84 52	109 26.0 55	112 115 26	109 -49 18	106 14.7 29	121 -23.6 53	119 -7.9 30	116 24.9 53	97 0 30	107 20 29	112 2.03 20	99 0.03 18	108 0.76 17
SYB 240016 98873524 SYB240016	2	BOS 177262 BOS 188014	89 58	117 68	103 55	90 30	120 45	118 48	112 23	115 43	113 19	88 1.32 62	104 -0.22 43	109 17 30	117 22.2 68	103 -0.5 55	115 77 51	116 31.2 54	111 113 26	102 -41 18	107 15.1 29	113 -17.8 53	122 -8.5 29	111 21.9 52	101 2 29	113 26 27	119 2.72 20	94 -0.26 18	114 1.09 17
SYB 250002 98793714 SYB250002	1	BOS 177262 BOS 199716	114 57	105 67	105 52	109 27	116 43	129 46	103 24	123 42	104 20	107 -0.25 62	116 -0.68 41	92 -2 27	105 14.8 67	105 0.1 52	112 70 49	105 23.0 53	104 86 25	97 -36 19	101 11.9 28	115 -19.2 52	117 -7.5 27	106 18.5 50	101 2 29	107 20 28	105 1.35 22	104 0.37 19	107 0.71 19
SYB 250003 98909351 SYB250003	1	V8 160085 BOS 211017	92 64	106 68	80 56	92 44	115 46	94 52	98 30	90 48	101 18	88 1.31 67	114 -0.59 55	107 16 44	106 15.7 68	80 -7.1 56	85 7 56	103 21.2 52	103 85 46	107 -47 11	107 15.2 49	108 -13.6 50	109 -5.9 33	118 25.8 54	89 -5 50	95 9 49	100 0.88 18	108 0.56 17	104 0.51 17
SYB 250004 98911571 SYB250004	2	V8 160085 BOS 200420	107 64	104 68	80 56	89 43	111 46	95 52	106 30	93 48	109 18	102 0.16 66	112 -0.53 56	111 20 43	104 14.6 68	80 -7.1 56	82 0 56	100 18.9 56	113 121 46	115 -56 12	112 17.7 49	98 -6.0 50	114 -6.9 34	113 22.7 53	98 0 49	105 18 49	108 1.64 19	108 0.60 17	109 0.81 17
SYB 250011 98917990 SYB 250011		V8 160085 BOS 200915	91 61	104 67	79 55	95 41	103 43	83 50	95 28	79 46	96 11	88 1.33 63	111 -0.47 53	104 12 41	104 14.1 67	79 -7.4 55	83 1 54	101 19.5 56	97 62 45	93 -32 7	106 14.3 48	107 -12.8 48	93 -2.7 29	108 19.9 52	91 -4 49	95 9 48	96 0.41 11	107 0.50 11	106 0.61 10
SYB 250014 99245839 SYB250014	1	V8 160085 BOS 211042	103 61	99 59	78 54	91 42	107 45	86 48	95 26	82 44	96 12	99 0.44 63	112 -0.53 52	109 18 42	99 11.5 59	78 -7.6 54	76 -15 52	96 16.0 52	99 69 44	94 -33 6	106 14.5 47	104 -10.7 49	105 -5.1 32	108 20.0 53	93 -3 47	95 8 46	95 0.36 12	104 0.37 11	109 0.79 11
SYB 250015 99246167 SYB250015	1	V8 160085 BOS 200931	102 61	100 59	79 53	95 41	103 43	87 48	99 27	83 44	98 11	97 0.58 63	114 -0.60 53	105 12 41	100 12.3 59	79 -7.4 53	80 -6 51	98 17.4 52	100 74 45	97 -36 6	107 15.1 48	107 -13.1 48	93 -2.7 29	110 20.7 51	95 -2 49	97 11 48	97 0.54 11	105 0.42 11	107 0.70 10
SYB 250016 99261612 SYB250016	2	V8 160085 BOS 200586	98 55	102 58	83 52	99 41	109 43	95 46	97 28	91 42	97 12	95 0.73 56	110 -0.44 51	100 7 41	102 13.4 58	83 -6.3 52	86 9 50	100 19.0 52	99 67 44	97 -36 10	107 15.1 47	110 -15.3 49	103 -4.7 30	109 20.6 51	91 -4 47	94 7 46	97 0.59 13	109 0.62 12	106 0.66 12

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	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																																		
SYB 250022 99295719 SYB 250022				6				BOS 211401 BOS 199659	102 55	112 64	95 48	89 28	92 37	94 44		108 17	101 0.22	100 -0.04	110 19	112 19.0	95 -2.7	102 48	110 27.1	109 106	107 -47	111 17.2	80 8.2	94 -2.9	106 18.3	119 12	117 30	103 1.14	95 -0.18	95 0.02
SYB 250023 99244543 SYRINGA SYB250023				6				BOS 211401 BOS 188772	111 57	97 65	95 49	100 28	98 39	96 45		91 17	108 -0.35	103 -0.18	98 5	97 10.4	95 -2.9	91 22	97 16.9	95 52	90 -28	98 9.8	93 -1.9	96 -3.2	107 18.9	102 2	100 13	89 -0.26	92 -0.36	89 -0.33
SYB 250024 99290421 SYB250024					BOS 211401 BOS 177614	92 57	99 66	91 52	103 27	104 40	93 46		91 14	93 0.95	100 -0.05	96 3	99 11.7	91 -3.8	92 23	100 19.0	99 67	95 -34	87 3.6	109 -14.3	92 -2.5	110 21.3	97 0	96 10	93 0.17	77 -1.24	85 -0.58			
SYB 250025 99290439 SYB250025				2	BOS 211401 BOS 199694	104 56	107 65	86 48	95 26	102 38	96 44		103 14	99 0.46	113 -0.59	104 12	107 16.4	86 -5.5	93 25	107 24.3	109 107	102 -41	96 8.8	92 -1.0	102 -4.6	111 21.3	106 5	109 21	104 1.20	87 -0.66	97 0.11			
SYB 250027 99656035 SYB250027				1	BOS 211401 BOS 199670	90 56	105 64	89 49	100 26	97 35	89 43		94 14	91 1.08	98 0.01	98 5	105 15.0	89 -4.6	95 30	105 23.0	100 72	94 -33	88 4.2	95 -3.7	89 -1.8	111 21.4	97 0	100 13	98 0.64	80 -1.05	91 -0.22			
SYB 250028 99656043 SYB250028				3	BOS 211401 BOS 199327	73 56	119 65	111 49	97 27	103 37	108 44		109 14	55 4.10	101 -0.08	101 8	119 23.0	111 1.8	127 107	118 32.7	115 126	109 -49	100 10.9	97 -4.8	102 -4.5	109 20.4	112 8	116 29	109 1.70	90 -0.48	98 0.21			
SYB 250031 6020300296 SYB250031				5	BOS 211401 BOS 200407	97 55	104 64	96 48	98 29	103 39	100 44	100 22	95 40	101 20	94 0.80	108 -0.38	100 7	104 14.6	96 -2.4	100 42	104 21.9	107 98	106 -46	96 9.1	94 -3.0	103 -4.7	109 20.5	104 3	107 20	100 0.86	92 -0.34	95 0.02		
SYB 250032 6020300304 SYB250032				1	BOS 211401 BOS 199935	97 56	103 64	99 49	93 26	101 38	96 44	105 20	93 39	104 14	97 0.62	103 -0.17	105 13	103 13.8	99 -1.7	98 38	104 22.0	108 101	101 -41	102 12.3	101 -8.6	92 -2.4	110 21.2	114 9	114 27	103 1.18	86 -0.73	89 -0.35		
SYB 250034 6020300312 SYB260034				13	BOS 211401 BOS 177539	107 45	100 65	93 51	120 30	103 39	111 43	102 21	106 39	98 16	103 0.06	108 -0.36	83 -13	100 12.2	93 -3.5	100 43	101 20.1	106 94	100 -39	95 8.0	106 -11.9	93 -2.7	110 20.9	102 3	104 17	98 0.61	89 -0.52	91 -0.19		
SYB 250035 6020300320 SYB250035				1	BOS 211401 BOS 200915	95 46	105 54	93 46	98 27	95 37	91 39	100 20	87 35	98 14	94 0.86	106 -0.27	100 7	105 15.1	93 -3.5	98 37	106 23.3	102 80	92 -31	97 9.3	98 -6.2	85 -1.0	106 18.6	104 4	107 20	99 0.75	89 -0.53	93 -0.08		
SYB 250036 6020300338 SYB250036				3	BOS 211401 BOS 200230	92 54	101 51	99 41	102 25	95 35	92 39		92 14	90 1.16	109 -0.40	96 3	101 12.9	99 -1.7	100 43	101 19.8	96 58	90 -29	88 4.5	98 -5.9	93 -2.8	99 13.9	101 2	102 15	90 -0.13	90 -0.49	96 0.07			
SYB 260006 6020539414 SYB260006					BOS 233170	105 19	95 32	94 25	113 13	91 20	94 21		83 8	104 -0.03	98 0.01	89 -5	95 9.3	94 -3.2	92 24	93 13.8	85 19	88 -26	85 2.7	96 -4.4	96 -3.2	90 8.8	87 -6	88 2	79 -1.18	98 0.01	99 0.25			

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	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	
SYB 260007 6020539422 SYB260007		BOS 200586	108 46	91 33	104 27	114 16	90 24	97 27			85 10	108 -0.30 51	99 0.00 27	88 -6 16	91 6.8 33	104 -0.3 27	97 35 25		90 11.4 28	87 27 15	89 -27 9	92 6.3 17	99 -7.1 27	95 -3.0 17	85 5.5 28	92 -3 17	91 5 17	83 -0.83 10	96 -0.14 9	97 0.13 9
SYB 260008 6020539430 SYB260008		SYB 230003	97 46	96 27	101 22	114 16	87 19	92 24			86 11	95 0.72 51	104 -0.22 28	88 -7 16	96 9.9 27	101 -1.2 22	100 43 22		94 14.4 22	90 35 20	93 -32 6	100 10.9 22	90 0.6 19	94 -2.9 14	87 6.7 23	90 -4 22	90 4 21	84 -0.74 11	94 -0.26 11	101 0.37 10
SYB 260009 6020539448 SYB260009	3	BOS 211401 BOS 188014	96 56	109 56	91 49	90 28	108 40	99 43	105 20	95 38	103 16	97 0.57 60	97 0.05 41	109 17 28	109 17.2 56	91 -3.9 49	96 33 44		109 26.0 42	107 98 29	97 -35 9	97 9.3 31	105 -11.1 43	101 -4.2 30	114 23.3 46	106 5 30	110 23 29	105 1.39 17	89 -0.52 16	106 0.62 15
SYB 260010 6020539455 SYB260010	4	BOS 211401 BOS 200070	104 56	103 55	87 48	98 28	99 39	93 42			95 14	103 0.11 60	102 -0.14 40	101 8 28	103 14.1 55	87 -5.2 48	90 19 44		103 21.7 42	101 74 28	94 -33 8	91 5.8 29	99 -6.6 42	91 -2.2 31	108 19.9 44	100 2 28	103 16 28	97 0.56 15	82 -0.95 14	91 -0.20 14
SYB 260011 6020539463 SYB260011		BOS 233120	110 46	81 33	108 25	116 12	91 20	95 26			76 8	108 -0.29 52	105 -0.24 27	86 -9 12	81 1.3 33	108 0.8 25	91 20 23		80 3.5 29	81 3 14	83 -20 5	86 3.0 15	99 -7.0 21	95 -3.1 14	88 7.1 24	85 -7 16	85 -1 15	74 -1.72 8	94 -0.24 7	90 -0.28 7
SYB 260014 6020602592 SYB260014	10	BOS 211401 BOS 177492	79 58	113 55	94 48	120 33	99 41	106 44	100 24	101 40	98 20	78 2.19 62	129 -1.20 44	82 -13 33	113 19.6 55	94 -3.0 48	117 82 45		112 28.0 42	103 83 33	95 -34 14	98 10.0 35	99 -7.0 44	93 -2.6 32	107 19.1 46	101 2 34	101 14 34	95 0.35 21	97 -0.09 19	100 0.29 19
SYB 260036 6020300346 SATIVA SYB260036	6	BOS 211401 BOS 200420	100 57	104 55	102 47	97 30	103 40	102 43	106 23	99 39	104 20	96 0.69 61	112 -0.54 43	101 8 30	104 14.2 55	102 -0.9 47	103 50 44		104 22.0 41	111 113 31	106 -46 13	97 9.1 33	92 -1.6 41	103 -4.7 33	111 21.4 45	103 3 32	108 21 32	105 1.30 21	89 -0.52 19	94 -0.04 19

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	ID Number Name	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
BOS 177103 86229432 BOS177103	4	BOS 144246 BOS 144081		85 61	105 73	109 74	119 50	97 58	109 59	99 35	104 54	99 24	88 1.34 61	96 0.10 60	83 -12 50	105 15.1 73	109 1.1 74	121 91 66	103 21.2 57	101 76 54	99 -37 15	114 19.0 55	90 0.7 65	98 -3.6 44	106 18.5 64	91 -4 56	93 7 55	97 0.56 25	119 1.20 23	102 0.39 23
BOS 177308 86299559 BOS177308	4	BOS 099122 BOS 100336		87 61	107 74	100 75	118 46	125 60	126 59	94 35	119 54	97 30	85 1.56 61	128 -1.16 60	85 -11 46	107 16.3 74	100 -1.5 75	114 75 65	102 20.8 60	98 63 46	93 -32 23	101 11.9 48	124 -26.1 67	121 -8.3 45	115 23.8 67	99 1 47	95 9 47	96 0.49 31	109 0.63 28	102 0.41 28
BOS 177492 86461696 BOS177492	5	BOS 099122 BOS 122385		90 64	110 71	88 70	133 49	105 59	117 58	94 37	110 54	94 32	91 1.07 64	139 -1.61 64	66 -32 49	110 17.6 71	88 -4.7 70	118 84 63	107 24.4 58	97 63 48	92 -30 24	101 11.5 50	111 -16.4 67	99 -3.9 45	104 17.1 66	88 -5 51	90 4 50	90 -0.12 33	110 0.69 30	108 0.74 30
BOS 177539 86229754 BOS177539	8	BOS 144181 BOS 144771		113 52	104 73	88 75	129 38	113 52	128 54	103 28	122 49	102 19	108 -0.35 53	110 -0.45 49	71 -26 38	104 14.6 73	88 -4.7 75	108 60 62	105 22.9 54	110 108 41	107 -47 14	99 10.6 44	121 -23.7 60	102 -4.5 36	110 20.8 61	98 0 44	105 18 43	102 1.02 20	96 -0.11 18	94 -0.07 18
BOS 177614 86338316 BOS177614		BOS 100441 BOS 099865		100 52	101 74	79 79	99 29	115 57	97 55			89 16	103 0.05 52	87 0.45 53	100 7 29	101 12.6 74	79 -7.4 79	82 -1 61	100 19.3 55	97 60 29		85 2.6 32	126 -27.6 66	102 -4.5 41	110 21.1 65	91 -4 32	91 5 32	94 0.26 17	72 -1.54 16	80 -0.82 15
BOS 188008 86679487 BOS188008	4	BOS 133175 BOS 122488		95 55	103 74	98 77	105 39	127 56	120 56	100 26	114 50	101 21	96 0.63 55	142 -1.74 56	94 1 39	103 13.8 74	98 -2.1 77	102 47 63	103 21.6 58	109 105 37	111 -51 12	99 10.7 40	136 -35.3 64	110 -6.0 41	120 27.5 63	94 -2 40	98 12 39	100 0.81 22	105 0.43 20	109 0.79 19
BOS 188014 86679511 BOS188014	1	BOS 133079 BOS 122161		87 54	117 72	91 73	83 34	122 55	108 54	105 24	104 48	106 22	91 1.08 54	91 0.28 54	119 29 34	117 22.0 72	91 -4.0 73	100 43 60	116 31.5 57	106 92 36	94 -33 10	98 10.1 39	122 -24.7 63	115 -7.0 39	117 25.4 64	99 1 36	109 22 36	111 1.95 23	95 -0.18 21	119 1.40 20
BOS 188740 87826707 BOS188740		BOS 144056 BOS 088827		98 49	92 70	89 74	87 32	106 51	81 52			86 21	100 0.32 49	93 0.21 51	114 23 32	92 7.4 70	89 -4.4 74	76 -14 59	91 12.1 52	84 14 28	84 -22 8	82 0.6 30	107 -12.7 58	99 -3.8 35	109 20.5 60	95 -1 30	96 10 29	89 -0.23 22	93 -0.33 20	79 -0.89 20
BOS 188772 88187323 BOS188772		BOS 111440 BOS 111614		118 52	96 71	96 72	99 34	102 53	102 53	77 21	93 47	84 23	115 -0.92 52	102 -0.15 53	99 6 34	96 9.7 71	96 -2.7 72	90 19 59	95 14.9 52	83 10 33	84 -21 6	102 12.2 36	96 -4.6 60	107 -5.4 36	103 16.8 62	93 -3 37	91 5 36	80 -1.10 24	101 0.17 22	87 -0.43 21
BOS 199327 89761209 BOS199327		BOS 166552 BOS 177053		70 52	108 69	112 71	110 30	114 49	113 51			103 14	84 1.66 52	67 1.26 53	91 -3 30	108 16.9 69	112 1.9 71	122 94 57	107 24.8 56	108 101 24	104 -44 7	93 6.9 26	110 -15.3 57	115 -7.1 34	108 19.5 56	96 -1 26	105 18 26	105 1.35 15	94 -0.26 14	100 0.28 14
BOS 199659 88464201 BOS199659		BOS 111440 BOS 111713		105 48	105 63	109 69	92 34	90 49	99 49	83 21	91 43	92 23	106 -0.16 48	95 0.13 48	106 14 34	105 15.2 63	109 1.1 69	109 62 55	103 21.4 48	91 38 33	93 -31 6	109 16.4 36	79 8.8 51	97 -3.4 33	101 15.2 62	102 3 37	100 13 36	87 -0.39 24	103 0.26 22	90 -0.25 21
BOS 199670 89617724 BOS199670		BOS 166552 BOS 166588		93 49	109 62	77 70	99 27	102 42	89 47			91 13	98 0.49 49	85 0.52 50	100 7 27	109 17.2 62	77 -8.0 70	88 14 53	108 24.8 50	95 54 26	93 -32 5	84 1.8 29	100 -7.7 46	93 -2.8 25	111 21.9 56	85 -7 29	92 6 28	99 0.77 14	78 -1.20 12	91 -0.20 12

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																														
BOS 199694 89617864 BOS199694		BOS 166261 BOS 177606	96 53	110 69	84 69	95 27	111 50	100 50			99 13	92 1.00 53	125 -1.05 52	104 12 27	110 17.8 69	84 -5.9 69	94 27 55		108 25.1 52	105 89 25		92 6.4 27	97 -5.1 58	118 -7.6 34	110 21.3 58	93 -3 28	99 13 27	102 1.05 14	89 -0.53 12	99 0.26 12
BOS 199716 89731541 BOS199716	1	BOS 155291 BOS 144621	109 49	98 68	103 66	112 28	113 49	119 49	92 27	111 45	95 26	104 0.03 50	126 -1.07 46	90 -4 28	98 10.8 68	103 -0.7 66	103 48 54		96 15.8 51	98 63 34	91 -30 17	93 7.0 37	123 -25.6 60	106 -5.2 31	106 18.3 57	106 5 38	105 18 37	90 -0.16 28	118 1.15 25	109 0.80 25
BOS 199935 89908651 BOS199935		BOS 155687 BOS 077528	98 53	98 70	107 70	94 25	109 50	103 50	99 24	98 45	98 14	98 0.47 54	100 -0.04 51	104 12 25	98 11.2 70	107 0.5 70	101 43 55		100 18.7 57	100 71 37	95 -34 9	102 12.3 40	117 -21.1 59	96 -3.2 34	111 21.3 58	106 5 40	108 21 39	99 0.79 14	86 -0.69 13	82 -0.71 12
BOS 200070 90510702 BOS200070		BOS 133309 BOS 177623	103 53	106 71	82 71	96 33	104 55	95 53	90 20	89 46	89 16	103 0.12 53	101 -0.09 53	103 10 33	106 15.6 71	82 -6.5 71	89 15 58		105 22.8 58	92 45 32	90 -28 7	86 3.1 35	111 -15.7 62	95 -3.2 41	106 18.7 61	88 -6 33	94 8 32	94 0.30 17	80 -1.04 15	91 -0.23 15
BOS 200230 91648584 BOS200230		BOS 177457	101 43	93 58	102 50	106 23	97 43	95 41			82 14	99 0.42 43	106 -0.27 45	94 0 23	93 8.1 58	102 -0.9 50	95 30 44		92 12.8 44	84 12 23	81 -18 6	82 0.6 24	109 -14.3 52	101 -4.2 30	87 6.7 46	89 -5 24	92 6 23	80 -1.09 14	96 -0.13 13	100 0.30 13
BOS 200333 91331140 BOS200333		BOS 177611 BOS 177001	103 46	107 66	105 64	94 24	112 41	113 45			100 16	99 0.44 46	112 -0.53 48	104 12 24	107 15.9 66	105 0.1 64	108 61 51		106 23.5 44	103 84 25	105 -44 8	96 8.7 27	100 -7.6 42	109 -5.8 29	117 25.5 53	96 -1 27	102 15 26	103 1.15 16	88 -0.61 15	94 -0.02 15
BOS 200407 91223511 BOS200407		BOS 133097 BOS 155407	98 53	105 70	99 69	101 37	113 53	111 53	92 31	104 49	97 30	95 0.77 53	109 -0.43 53	97 4 37	105 14.9 70	99 -1.6 69	104 52 59		102 20.9 54	102 78 39	109 -49 21	94 7.8 41	102 -8.9 55	119 -8.0 44	108 20.0 59	90 -5 41	98 11 40	97 0.52 31	100 0.12 30	97 0.12 29
BOS 200420 91331256 BOS200420	2	BOS 133097 BOS 155155	101 61	104 70	111 66	94 41	113 56	115 55	106 34	110 51	106 32	94 0.80 61	119 -0.80 61	103 11 41	104 14.6 70	111 1.7 66	110 67 59		104 21.8 56	114 123 43	114 -54 22	98 9.8 45	98 -5.6 58	120 -8.1 47	111 21.6 62	93 -3 45	105 18 44	109 1.78 33	95 -0.19 31	96 0.09 30
BOS 200518 91609883 BOS200518	9	BOS 166136 BOS 177074	112 59	105 69	85 63	96 43	122 52	114 53	97 30	108 48	100 18	106 -0.13 59	116 -0.69 57	103 10 43	105 15.0 69	85 -5.5 63	90 19 58		104 21.9 58	100 71 49	84 -21 10	80 -0.1 52	133 -33.1 62	114 -6.8 35	108 19.7 58	98 0 52	113 26 51	104 1.22 19	93 -0.29 18	104 0.55 18
BOS 200571 91540351 BOS200571		BOS 177208 BOS 177190	86 54	113 66	92 59	93 35	114 48	104 49	106 24	100 44	106 22	87 1.43 54	100 -0.06 52	106 14 35	113 19.6 66	92 -3.8 59	103 48 53		115 30.6 50	110 110 35	111 -51 13	103 13.0 37	110 -15.3 48	104 -4.8 41	120 26.9 55	99 1 37	101 14 36	105 1.39 22	132 1.96 21	106 0.66 20
BOS 200586 91540450 BOS200586	3	BOS 177262 BOS 188232	104 52	102 66	104 54	110 32	111 48	118 47	98 26	112 43	97 19	102 0.17 54	105 -0.27 47	92 -2 32	102 13.3 66	104 -0.4 54	108 60 51		103 21.0 54	98 64 31	91 -30 18	100 11.2 34	117 -21.0 54	101 -4.3 34	109 20.1 56	93 -3 34	99 12 33	101 0.96 20	98 0.01 18	96 0.09 17
BOS 200659 91648683 BOS200659		BOS 188747	126 41	84 62	62 63	114 17	99 39	83 42			72 10	118 -1.20 41	115 -0.66 43	90 -4 17	84 3.0 62	62 -12.1 63	52 -72 47		82 5.2 46	73 -26 14		75 -2.9 15	104 -10.6 50	99 -3.8 24	97 13.2 43	83 -8 15	81 -5 15	69 -2.18 11	95 -0.20 10	92 -0.14 10

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																													
BOS 200913 91223859 BOS200913		BOS 155687 BOS 111758	98 56	98 70	106 67	101 25	100 48	100 50	95 24	94 45	93 14	99 0.41 57	96 0.09 54	97 4 25	98 11.2 70	106 0.3 67	103 49 54	99 18.4 52	95 53 37	90 -28 9	96 9.0 40	104 -10.8 52	96 -3.3 34	102 15.8 57	98 0 40	102 15 39	93 0.13 14	93 -0.31 13	94 -0.06 12
BOS 200915 91223875 BOS200915		BOS 155687 BOS 133730	95 54	106 69	92 63	97 28	96 48	91 49	95 26	86 44	96 14	94 0.84 55	104 -0.22 52	101 8 28	106 15.6 69	92 -3.7 63	97 36 53	106 23.4 56	96 57 39	85 -23 10	98 10.0 42	109 -14.8 53	83 -0.6 34	102 16.0 58	95 -1 42	102 15 41	98 0.68 14	95 -0.21 13	95 0.01 13
BOS 200931 91331868 BOS200931		BOS 155687 BOS 122675	111 54	99 67	97 58	97 28	99 46	98 48	103 25	95 43	99 14	105 -0.06 55	114 -0.60 52	101 8 28	99 11.4 67	97 -2.4 58	94 27 51	99 18.1 54	101 77 38	93 -31 9	100 11.3 41	111 -16.4 52	81 -0.3 30	109 20.5 57	102 2 41	106 19 40	100 0.87 14	92 -0.38 13	98 0.18 13
BOS 211017 91548099 BOS211017		BOS 133097 BOS 111280	103 61	107 71	94 68	94 44	117 55	111 56	99 34	106 52	101 31	100 0.33 61	108 -0.38 59	105 13 44	107 16.2 71	94 -3.1 68	99 39 61	106 23.5 56	105 91 45	109 -49 21	99 10.3 48	112 -17.2 58	113 -6.7 44	115 24.3 63	88 -6 48	99 13 47	105 1.33 32	96 -0.13 30	90 -0.25 29
BOS 211042 91548339 BOS211042	1	BOS 133309 BOS 077196	106 51	99 68	97 62	89 34	107 52	97 50	95 22	92 44	94 15	101 0.27 51	113 -0.58 49	110 19 34	99 11.6 68	97 -2.4 62	90 19 55	98 17.5 52	99 68 33	86 -24 8	98 10.1 36	105 -11.7 56	105 -5.0 39	107 18.9 62	97 0 33	101 14 32	96 0.50 16	90 -0.49 14	101 0.36 14
BOS 233120 96133913 BOS233120	1	BOS 199390 BOS 199935	105 55	84 67	112 51	115 24	113 40	113 45	83 20	104 40	80 16	99 0.46 56	119 -0.80 50	86 -9 24	84 3.1 67	112 1.9 51	97 36 47	83 6.2 58	85 17 29	79 -17 10	88 4.5 31	117 -20.8 43	102 -4.5 28	114 23.3 49	81 -10 31	86 0 30	83 -0.83 16	95 -0.17 15	82 -0.72 14
BOS 233148 96069570 BOS233148	1	BOS 177262 BOS 200070	101 48	110 68	98 54	103 29	111 45	116 46	99 22	110 41	97 17	98 0.49 50	107 -0.33 41	95 2 29	110 18.1 68	98 -1.9 54	110 66 50	111 27.3 60	98 64 24	92 -31 17	95 8.2 28	109 -14.2 52	112 -6.4 31	106 18.6 53	87 -6 27	98 11 26	104 1.27 18	85 -0.77 16	97 0.12 16
BOS 233170 96069703 BOS233170	1	BOS 177200 BOS 199670	106 38	107 65	81 50	109 25	114 39	111 41			92 16	105 -0.05 38	101 -0.10 37	93 -1 25	107 16.1 65	81 -6.8 50	92 24 47	105 23.1 57	94 50 26	90 -28 10	87 3.8 28	110 -15.6 43	103 -4.7 25	119 26.8 50	84 -8 28	93 7 27	94 0.26 17	104 0.32 16	101 0.33 15
BOS 233412 96114004 BOS233412	3	BOS 177262 BOS 177308	101 50	102 68	110 55	120 33	121 47	133 47	96 26	126 43	94 21	95 0.79 52	119 -0.82 44	81 -15 33	102 13.2 68	110 1.5 55	120 88 52	100 19.1 61	94 51 30	87 -25 21	97 9.7 32	118 -21.4 54	122 -8.6 32	110 20.9 55	86 -7 32	91 5 31	99 0.74 22	98 -0.01 20	100 0.29 20
BOS 233414 96114020 BOS233414	2	BOS 177262 BOS 177103	96 50	103 68	114 55	119 35	107 46	123 48	101 27	117 44	97 20	95 0.74 52	104 -0.20 44	82 -14 35	103 13.6 68	114 2.6 55	123 97 53	102 20.2 60	98 66 33	92 -31 19	106 14.3 35	100 -7.4 54	111 -6.4 31	106 18.5 54	84 -8 35	93 6 35	101 0.99 21	103 0.30 19	101 0.33 18
BOS 233645 96325709 BOS233645		BOS 177262 BOS 177614	101 48	104 60	98 56	105 28	116 46	116 45	100 22	111 40	97 18	100 0.29 50	100 -0.05 41	94 0 28	104 14.7 60	98 -2.1 56	104 51 48	104 22.4 50	100 74 24	98 -37 17	95 8.3 27	117 -20.6 54	114 -7.0 30	108 19.8 54	90 -5 27	97 10 26	104 1.28 19	81 -1.01 16	92 -0.16 16
SYB 230003 98910235 SYB230003	3	BOG 190036 BOS 200420	94 58	107 55	94 45	111 32	104 38	107 42	97 28	102 39	99 22	91 1.08 61	111 -0.48 49	91 -3 32	107 16.2 55	94 -3.1 45	105 54 44	105 23.1 44	102 80 39	100 -39 12	116 20.3 44	98 -5.7 38	100 -4.0 29	113 22.6 47	90 -5 44	97 11 43	103 1.14 23	95 -0.21 21	105 0.57 21

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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																															
SYB 230004		PB 190062		104	96	99	100	108	102			90	103	101	98	96	99	94		97	94		99	107	101	112	87	92	93	91	96
98910391		BOS 200333		44	54	42	15	33	36			8	0.08	-0.08	5	9.9	-1.6	29		16.4	51		10.7	-13.2	-4.3	22.0	-6	6	0.14	-0.39	0.08
SYB230004													47	35	15	54	42	37		42	14		15	37	17	44	15	15	8	8	7
SYB 230008	1	BOS 200363		125	96	90	112	104	110	98	105	97	119	110	91	96	90	89		95	98	89	100	117	80	115	102	104	96	95	98
98945066		BOS 200931		52	49	42	25	36	38	20	34	12	-1.26	-0.43	-3	9.6	-4.2	16		15.0	66	-28	11.1	-20.5	0.0	24.1	2	18	0.50	-0.19	0.20
SYB230008													56	38	25	49	42	39		40	32	8	34	39	25	45	34	33	13	12	12
SYB 240005	1	BOS 177262		109	109	106	99	113	123	106	118	106	105	109	99	109	106	114		109	107	104	103	102	119	109	96	106	112	89	100
98999519		BOS 200333		57	67	52	27	41	46	22	41	17	-0.08	-0.41	6	17.5	0.3	75		26.2	97	-43	12.8	-9.4	-7.9	20.3	-1	19	2.01	-0.51	0.31
SYB240005													61	41	27	67	52	49		60	22	18	25	47	27	50	26	25	18	16	16
SYB 240006	2	BOS 177262		85	107	116	114	114	125	104	120	101	90	90	87	107	116	127		106	103	97	96	110	121	104	89	101	107	91	100
98898737		BOS 199327		58	67	54	28	44	47	21	42	17	1.19	0.33	-7	16.3	3.0	105		23.7	85	-36	9.1	-15.0	-8.2	17.6	-5	14	1.52	-0.41	0.31
SYB240006													62	43	28	67	54	50		61	22	17	25	51	28	52	26	25	18	16	16
SYB 240007		BOS 177262		92	108	112	98	112	116	107	112	106	90	109	100	108	112	117		108	106	100	107	111	113	106	102	110	111	89	95
98898745		BOS 199935		58	68	54	27	44	47	24	42	17	1.17	-0.41	7	16.7	2.0	82		25.1	94	-39	15.1	-15.8	-6.7	18.4	2	23	1.92	-0.54	-0.02
SYB240007													62	42	27	68	54	50		62	26	18	29	52	28	52	30	29	18	16	15
SYB 240008	3	BOS 200229		121	90	77	106	106	95			81	115	110	94	90	77	70		85	84	86	81	119	97	102	78	83	81	97	90
98917685		BOS 200659		50	61	45	23	35	40			17	-0.92	-0.47	1	6.3	-7.9	-29		7.2	14	-24	0.5	-22.4	-3.5	16.3	-12	-3	-1.02	-0.09	-0.28
SYB240008													54	35	23	61	45	43		54	23	11	24	38	26	42	24	24	18	16	16
SYB 240009	3	BOS 177262		108	104	102	126	110	130	98	123	95	102	123	74	104	102	119		104	97	89	99	111	112	103	83	91	98	99	104
98898752		BOS 177492		60	68	53	34	47	49	27	45	22	0.14	-0.95	-23	14.5	-0.9	87		21.8	60	-27	10.6	-16.0	-6.5	16.6	-8	5	0.68	0.05	0.52
SYB240009													64	46	34	68	53	52		58	30	21	33	54	32	54	33	33	23	21	20
SYB 240011	1	BOS 177262		108	110	96	101	113	119	106	115	103	102	115	97	110	96	107		111	106	99	99	101	123	106	92	102	109	90	102
98898778		BOS 199694		58	67	53	27	44	47	21	42	17	0.16	-0.65	4	18.1	-2.6	59		27.2	93	-38	10.7	-8.6	-8.7	18.6	-3	16	1.77	-0.50	0.40
SYB240011													62	43	27	67	53	49		60	22	17	25	51	28	52	26	25	18	16	15
SYB 240012	2	BOS 177262		118	99	104	105	109	118	93	111	95	114	104	94	99	104	103		99	94	90	103	102	117	102	91	97	97	95	95
98793698		BOS 188772		58	59	53	29	45	46	22	41	19	-0.84	-0.22	0	11.4	-0.2	50		17.9	49	-28	13.0	-9.1	-7.4	16.3	-4	10	0.60	-0.16	0.03
SYB240012													62	43	29	59	53	47		50	25	17	28	52	29	53	29	28	20	18	18
SYB 240013		BOS 177262		111	97	98	114	115	119	94	112	89	111	96	88	97	98	99		97	93	90	89	119	113	106	81	88	97	79	89
98793706		BOS 177614		58	68	56	28	46	48	22	43	18	-0.54	0.09	-7	10.4	-2.0	39		16.8	46	-28	4.6	-22.5	-6.6	18.4	-9	2	0.56	-1.10	-0.34
SYB240013													62	43	28	68	56	51		61	24	17	27	54	30	54	27	26	19	16	16
SYB 240014	1	BOS 177262		102	107	95	109	108	114	98	108	96	103	97	92	107	95	105		106	97	92	92	105	110	106	84	94	104	83	96
98873508		BOS 199670		57	66	53	28	42	46	21	41	17	0.12	0.07	-2	16.0	-2.7	55		24.0	61	-30	6.6	-11.0	-6.0	18.6	-8	8	1.29	-0.87	0.09
SYB240014													61	42	28	66	53	49		60	23	17	26	48	25	52	26	25	18	16	15
SYB 240015	4	BOS 200126		111	101	89	90	117	105	80	96	93	108	105	109	101	89	87		101	86	83	81	111	120	108	80	95	97	108	104
98873516		BOS 200230		54	62	41	22	36	41	20	37	16	-0.31	-0.27	17	12.8	-4.6	11		20.2	22	-21	0.5	-16.0	-8.2	20.0	-10	8	0.52	0.55	0.52
SYB240015													59	36	22	62	41	42		55	27	10	30	39	26	42	31	30	16	15	15

Green: >120 High
White: 80-120 Average
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Value <80	Value >120
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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																															
SYB 250001 98927734 SYB250001		BOS 200913		88 48	96 55	109 35	110 13	86 26	90 34			84 6	89 1.28 53	101 -0.10 31	91 -3 13	96 9.9 55	109 1.2 35	106 56 34	15.1 23 26	86 18		90 5.5 20	92 -1.4 26	93 -2.7 17	85 5.6 34	94 -2 20	93 7 20	79 -1.21 7	93 -0.30 6	96 0.06 6	
SYB 250005 98911167 SYB250005	1	V8 160085 BOS 200407		87 63	107 68	82 56	97 42	110 45	93 51	93 30	88 47	97 18	83 1.74 65	115 -0.65 54	102 10 42	107 16.2 68	82 -6.4 56	90 19 55	21.0 73 56	100 -45 45	105 11		104 13.2 48	102 -8.8 49	113 -6.6 33	109 20.2 52	89 -5 49	93 7 48	95 0.33 18	110 0.67 17	106 0.66 17
SYB 250007 98917891 SYB 250007	1	BOS 177262 BOS 200070		96 58	105 67	104 54	112 29	110 45	117 48	94 22	111 43	89 17	93 0.90 62	110 -0.44 43	90 -5 29	105 15.0 67	104 -0.2 54	113 72 50	23.1 39 54	91 23 24	84 -22 17		89 4.9 28	112 -16.6 52	109 -5.9 31	104 17.2 52	80 -10 27	90 3 26	97 0.59 18	84 -0.85 16	94 -0.05 16
SYB 250008 99261604 SYB250008	1	V8 160085 BOS 200571		83 62	109 67	79 54	95 42	110 43	90 50	98 28	86 46	99 14	81 1.91 65	110 -0.45 53	105 12 42	109 17.0 67	79 -7.2 54	88 15 54	24.3 79 55	102 -43 44	103 8		106 14.5 47	107 -12.8 47	104 -4.9 32	114 23.6 51	90 -4 48	91 5 47	97 0.52 14	125 1.55 13	110 0.87 13
SYB 250018 99245227 SYRINGA SYB250018	3	BOS 211460 BOS 188740		108 53	100 62	84 49	92 25	103 37	90 43			93 14	109 -0.41 57	95 0.16 38	107 15 25	100 11.9 62	84 -6.0 49	82 -1 45	18.2 47 39	93 -27 27	89 7		91 5.8 28	105 -11.1 41	93 -2.6 26	111 21.7 43	101 2 28	103 17 28	94 0.29 15	93 -0.31 14	89 -0.36 13
SYB 250019 99245235 SYRINGA SYB250019	7	BOS 211401 BOS 177103		87 58	109 66	100 50	108 34	95 40	100 47	104 24	97 42	103 17	88 1.36 62	102 -0.15 43	93 -1 34	109 17.2 66	100 -1.4 50	111 68 50	25.0 98 42	107 -41 35	101 11		107 14.9 37	87 2.9 43	93 -2.7 31	108 19.8 47	104 4 36	105 18 36	101 0.93 18	102 0.20 16	98 0.17 16
SYB 250020 99245243 SYRINGA SYB250020	2	BOS 211401 BOS 200333		101 55	109 64	96 47	95 26	102 35	102 43			103 14	98 0.50 60	108 -0.39 39	104 11 26	109 17.1 64	96 -2.5 47	103 48 46	25.5 103 37	109 -44 26	105 8		98 9.8 27	92 -1.3 36	99 -3.8 27	114 23.2 43	107 6 27	110 23 26	104 1.23 15	86 -0.70 14	94 -0.03 13
SYB 250021 99245250 SYRINGA SYB250021	2	BOS 211401 BOS 200659		126 54	82 64	79 46	119 24	96 35	91 42			72 14	121 -1.39 59	106 -0.29 38	84 -11 24	82 1.5 64	79 -7.2 46	66 -39 45	5.3 -8 38	78 24	72 8		74 -3.4 25	100 -7.5 38	89 -1.9 25	104 1					

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	
SYB 260004 6020539398 SYB260004	4	BOS 211401 BOS 200571	91 46	109 54	93 44	96 29	104 37	97 39	106 20	94 35	104 16	90 1.16	104 -0.20	102 10	109 17.2	93 -3.5	100 43	110 26.9	110 107	105 -44	99 10.7	99 -6.4	95 -3.1	115 24.0	106 5	106 19	103 1.10	108 0.55	99 0.25	
SYB 260005 6020539406 SYB260005	4	BOS 211401 BOS 200571	91 46	109 54	93 44	96 29	104 37	97 39	106 20	94 35	104 16	90 1.16	104 -0.20	102 10	109 17.2	93 -3.5	100 43	110 26.9	110 107	105 -44	99 10.7	99 -6.4	95 -3.1	115 24.0	106 5	106 19	103 1.10	108 0.55	99 0.25	

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	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc									
1	BOS 200658	BOS200658	BOS 177146	BOS 177544	2.6		110	52	106	69	92	57	107	38	130	52	130	50	94	32	122	46	
2	BOS 211344	BOS211344	BOS 144451	BOS 155060	2.9		97	50	111	69	89	63	102	40	142	54	132	51	101	27	126	46	
3	BOS 211461	BOS211461	BOS 144451	BOS 166573	1.1		103	48	107	68	93	62	98	37	142	53	133	50	93	26	125	45	
4	BOS 211553	BOS211553	BOS 144451	BOS 088176	1.4		91	52	114	70	92	64	106	42	142	55	136	53	97	29	129	48	
5	BOS 233419	BOS233419	BOS 177262	BOS 177539	3.2		109	48	104	68	103	55	122	31	114	44	130	46	106	24	125	42	
1	BOS 211260	BOS211260	BOS 177146	BOS 155067	3.5		105	53	117	69	85	62	88	37	136	52	126	51	98	31	119	47	
2	BOS 211300	BOS211300	BOS 177146	BOS 166086	5.0		97	53	113	69	89	62	97	38	133	53	124	51	96	32	117	47	
3	BOS 233147	BOS233147	BOS 177146	BOS 188014	1.9		95	52	121	67	84	60	83	35	134	51	120	50	100	30	114	46	
4	BOS 233644	BOS233644	BOS 177262	BOS 188008	4.3		99	48	108	68	105	56	101	31	121	46	124	47	109	24	120	42	
5	SYB 240003	SYB240003	BOS 177262	BOS 177308	3.5		82	59	116	68	109	55	107	33	123	47	128	49	108	26	124	44	
6	SYB 240010	SYB240010	BOS 177262	BOS 188008	4.3		91	58	109	68	108	56	102	31	124	45	125	48	108	24	121	43	
1	BOS 211116	BOS211116	BOS 177146	BOS 188297	2.6		102	53	114	68	84	60	82	39	129	53	112	51	96	31	106	47	
2	BOS 211353	BOS211353	BOS 144170	BOS 177083	3.0		88	46	109	67	97	56	109	35	113	48	113	47	101	24	108	42	
3	BOS 211550	BOS211550	BOS 177262	BOS 177100	2.8		95	47	107	67	104	55	95	31	114	46	112	46	94	23	105	41	
4	BOS 211629	BOS211629	BOS 177608	BOS 188639	0.0		96	30	108	63	94	50	93	22	127	43	115	39					
5	BOS 233110	BOS233110	BOS 199391	BOS 199716	1.0		109	37	98	60	100	47	111	23	112	39	116	39	98	20	110	35	
6	BOS 233161	BOS233161	BOS 177200	BOS 199659	1.6		109	37	111	65	96	50	98	27	106	42	113	42	89	20	105	38	
7	BOS 233279	BOS233279	BOS 200211	BOS 200518	5.0		94	53	122	66	81	50	90	29	125	39	116	45	100	22	111	40	
8	SYB 240016	SYB240016	BOS 177262	BOS 188014	2.3		89	58	117	68	103	55	90	30	120	45	118	48	112	23	115	43	
1	BOS 211309	BOS211309	S 177023	BOS 155210	3.9		88	51	115	70	89	58	98	30	115	48	109	48	107	23	105	43	
2	BOS 222025	BOS222025	BOS 177608	BOS 177363	0.0		93	28	111	63	89	48	92	22	113	41	102	38					
3	BOS 233487	BOS233487	BOS 177085	BOS 177492	4.5		71	51	121	56	94	51	98	39	111	43	105	45	107	32	102	42	
4	SYB 230005	SYB230005	PB 190062	BOS 200407	0.5		101	46	95	56	96	44	105	20	111	37	103	38					

Selection List on Cow Value

Bulls 2 years and older

ID Name Sorted on ID			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			
							nt821	Q204X	F94L	Genomic tested											
											★★★★										
1	BOS 211193	BOS211193	S 177023	BOS 166115	6.3						8049	12268	8158	8429	11347	9647					
2	BOS 211401	BOS211401	BOS 100048	BOS 122405	7.3						9573	10484	9366	9945	9356	9061	10631	8855			
3	BOS 211460	BOS211460	BOS 144174	BOS 144162	6.4						10858	10870	8462	9738	10052	9752	10130	9448			
4	BOS 211570	BOS211570	BOS 144174	BOS 166616	0.0						10451	10267	8458	10235	10449	9749	9127	9145			
5	SYB 230009	SYB230009	PB 190062	BOS 211042	0.7						10545	9255	9541	9719	10837	9537					
											★★★★☆										
1	BOS 211163	BOS211163	S 177023	BOS 166216	5.5						8049	12367	7955	8529	9945	8746	11322	8641			

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	BOS 233412	BOS233412	BOS 177262	BOS 177308	3.5		101	50	102	68	110	55	120	33	121	47	133	47	96	26	126	43	
2	SYB 240009	SYB240009	BOS 177262	BOS 177492	3.0		108	60	104	68	102	53	126	34	110	47	130	49	98	27	123	45	
																	★★★★★☆☆						
1	BOS 177308	BOS177308	BOS 099122	BOS 100336	3.8		87	61	107	74	100	75	118	46	125	60	126	59	94	35	119	54	
2	BOS 177539	BOS177539	BOS 144181	BOS 144771	7.9		113	52	104	73	88	75	129	38	113	52	128	54	103	28	122	49	
3	BOS 188008	BOS188008	BOS 133175	BOS 122488	3.8		95	55	103	74	98	77	105	39	127	56	120	56	100	26	114	50	
4	BOS 233414	BOS233414	BOS 177262	BOS 177103	2.5		96	50	103	68	114	55	119	35	107	46	123	48	101	27	117	44	
5	SYB 240005	SYB240005	BOS 177262	BOS 200333	1.1		109	57	109	67	106	52	99	27	113	41	123	46	106	22	118	41	
6	SYB 240006	SYB240006	BOS 177262	BOS 199327	2.1		85	58	107	67	116	54	114	28	114	44	125	47	104	21	120	42	
																	★★★★★						
1	BOS 177492	BOS177492	BOS 099122	BOS 122385	5.1		90	64	110	71	88	70	133	49	105	59	117	58	94	37	110	54	
2	BOS 199327	BOS199327	BOS 166552	BOS 177053	0.0		70	52	108	69	112	71	110	30	114	49	113	51					
3	BOS 199716	BOS199716	BOS 155291	BOS 144621	0.9		109	49	98	68	103	66	112	28	113	49	119	49	92	27	111	45	
4	BOS 200333	BOS200333	BOS 177611	BOS 177001	0.0		103	46	107	66	105	64	94	24	112	41	113	45					
5	BOS 200407	BOS200407	BOS 133097	BOS 155407	0.1		98	53	105	70	99	69	101	37	113	53	111	53	92	31	104	49	
6	BOS 200420	BOS200420	BOS 133097	BOS 155155	2.0		101	61	104	70	111	66	94	41	113	56	115	55	106	34	110	51	
7	BOS 200518	BOS200518	BOS 166136	BOS 177074	9.0		112	59	105	69	85	63	96	43	122	52	114	53	97	30	108	48	
8	BOS 200586	BOS200586	BOS 177262	BOS 188232	3.0		104	52	102	66	104	54	110	32	111	48	118	47	98	26	112	43	
9	BOS 211017	BOS211017	BOS 133097	BOS 111280	0.0		103	61	107	71	94	68	94	44	117	55	111	56	99	34	106	52	
10	BOS 233120	BOS233120	BOS 199390	BOS 199935	0.6		105	55	84	67	112	51	115	24	113	40	113	45	83	20	104	40	
11	BOS 233148	BOS233148	BOS 177262	BOS 200070	1.1		101	48	110	68	98	54	103	29	111	45	116	46	99	22	110	41	
12	BOS 233170	BOS233170	BOS 177200	BOS 199670	0.8		106	38	107	65	81	50	109	25	114	39	111	41					
13	BOS 233645	BOS233645	BOS 177262	BOS 177614	0.0		101	48	104	60	98	56	105	28	116	46	116	45	100	22	111	40	
14	SYB 230008	SYB230008	BOS 200363	BOS 200931	0.9		125	52	96	49	90	42	112	25	104	36	110	38	98	20	105	34	
15	SYB 240007	SYB240007	BOS 177262	BOS 199935	0.5		92	58	108	68	112	54	98	27	112	44	116	47	107	24	112	42	
16	SYB 240011	SYB240011	BOS 177262	BOS 199694	1.4		108	58	110	67	96	53	101	27	113	44	119	47	106	21	115	42	
17	SYB 240012	SYB240012	BOS 177262	BOS 188772	1.7		118	58	99	59	104	53	105	29	109	45	118	46	93	22	111	41	
18	SYB 240013	SYB240013	BOS 177262	BOS 177614	0.0		111	58	97	68	98	56	114	28	115	46	119	48	94	22	112	43	

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	% Inbreeding	Myostatin Horned / Polled 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	
Sorted on ID														
									★★★★					
19	SYB 240014	SYB240014	BOS 177262	BOS 199670	1.0	102 57	107 66	95 53	109 28	108 42	114 46	98 21	108 41	
									★★★★☆					
1	BOS 177103	BOS177103	BOS 144246	BOS 144081	3.9	85 61	105 73	109 74	119 50	97 58	109 59	99 35	104 54	
2	BOS 188014	BOS188014	BOS 133079	BOS 122161	1.0	87 54	117 72	91 73	83 34	122 55	108 54	105 24	104 48	
3	BOS 188772	BOS188772	BOS 111440	BOS 111614	0.0	118 52	96 71	96 72	99 34	102 53	102 53	77 21	93 47	
4	BOS 199694	BOS199694	BOS 166261	BOS 177606	0.0	96 53	110 69	84 69	95 27	111 50	100 50			
5	BOS 199935	BOS199935	BOS 155687	BOS 077528	0.0	98 53	98 70	107 70	94 25	109 50	103 50	99 24	98 45	
6	BOS 200571	BOS200571	BOS 177208	BOS 177190	0.0	86 54	113 66	92 59	93 35	114 48	104 49	106 24	100 44	
7	BOS 200913	BOS200913	BOS 155687	BOS 111758	0.0	98 56	98 70	106 67	101 25	100 48	100 50	95 24	94 45	
8	SYB 230003	SYB230003	BOG 190036	BOS 200420	3.0	94 58	107 55	94 45	111 32	104 38	107 42	97 28	102 39	
9	SYB 230004	SYB230004	PB 190062	BOS 200333	0.2	104 44	96 54	99 42	100 15	108 33	102 36			
10	SYB 240015	SYB240015	BOS 200126	BOS 200230	4.1	111 54	101 62	89 41	90 22	117 36	105 41	80 20	96 37	
									★★★★					
1	BOS 177614	BOS177614	BOS 100441	BOS 099865	0.0	100 52	101 74	79 79	99 29	115 57	97 55			
2	BOS 199659	BOS199659	BOS 111440	BOS 111713	0.0	105 48	105 63	109 69	92 34	90 49	99 49	83 21	91 43	
3	BOS 200070	BOS200070	BOS 133309	BOS 177623	0.0	103 53	106 71	82 71	96 33	104 55	95 53	90 20	89 46	
4	BOS 200230	BOS200230		BOS 177457	0.0	101 43	93 58	102 50	106 23	97 43	95 41			
5	BOS 200915	BOS200915	BOS 155687	BOS 133730	0.0	95 54	106 69	92 63	97 28	96 48	91 49	95 26	86 44	
6	BOS 200931	BOS200931	BOS 155687	BOS 122675	0.0	111 54	99 67	97 58	97 28	99 46	98 48	103 25	95 43	
7	BOS 211042	BOS211042	BOS 133309	BOS 077196	0.6	106 51	99 68	97 62	89 34	107 52	97 50	95 22	92 44	
8	SYB 240008	SYB240008	BOS 200229	BOS 200659	2.6	121 50	90 61	77 45	106 23	106 35	95 40			
									★★★☆☆					
1	BOS 188740	BOS188740	BOS 144056	BOS 088827	0.0	98 49	92 70	89 74	87 32	106 51	81 52			
2	BOS 199670	BOS199670	BOS 166552	BOS 166588	0.0	93 49	109 62	77 70	99 27	102 42	89 47			
3	BOS 200659	BOS200659		BOS 188747	0.0	126 41	84 62	62 63	114 17	99 39	83 42			

Selection List on Cow Value

Bull Calves younger than 2 years

ID Sorted on ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin		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	SYB 250002	SYB250002	BOS 177262	BOS 199716	1.0					11457	10567	10552	10927	11643	12946	10324	12342		
										★★★★★									
1	SYB 250034	SYB260034	BOS 211401	BOS 177539	13.4					10745	10065	9351	12030	10339	11143	10221	10639		
										★★★★★									
1	SYB 250028	SYB250028	BOS 211401	BOS 199327	3.0					7356	11965	11149	9727	10337	10844				
2	SYB 250031	SYB250031	BOS 211401	BOS 200407	5.5					9755	10464	9648	9829	10339	10044	10022	9540		
3	SYB 260014	SYB260014	BOS 211401	BOS 177492	9.7					7958	11355	9448	12033	9941	10644	10024	10140		
4	SYB 260036	SATIVA SYB260036	BOS 211401	BOS 200420	6.4					10057	10455	10247	9730	10340	10243	10623	9939		
										★★★★★									
1	SYB 250003	SYB250003	V8 160085	BOS 211017	1.0					9264	10668	8056	9244	11546	9452	9830	9048		
2	SYB 250004	SYB250004	V8 160085	BOS 200420	1.6					10764	10468	8056	8943	11146	9552	10630	9348		
3	SYB 250016	SYB250016	V8 160085	BOS 200586	2.1					9855	10258	8352	9941	10943	9546	9728	9142		
4	SYB 250022	SYB 250022	BOS 211401	BOS 199659	6.0					10255	11264	9548	8928	9237	9444				
5	SYB 250023	SYRINGA SYB250023	BOS 211401	BOS 188772	6.0					11157	9765	9549	10028	9839	9645				
6	SYB 250024	SYB250024	BOS 211401	BOS 177614	0.0					9257	9966	9152	10327	10440	9346				
7	SYB 250025	SYB250025	BOS 211401	BOS 199694	1.6					10456	10765	8648	9526	10238	9644				
8	SYB 250032	SYB250032	BOS 211401	BOS 199935	0.7					9756	10364	9949	9326	10138	9644	10520	9339		
9	SYB 250035	SYB250035	BOS 211401	BOS 200915	0.7					9546	10554	9346	9827	9537	9139	10020	8735		
10	SYB 250036	SYB250036	BOS 211401	BOS 200230	3.0					9254	10151	9941	10225	9535	9239				
11	SYB 260006	SYB260006		BOS 233170	0.0					10519	9532	9425	11313	9120	9421				
12	SYB 260007	SYB260007		BOS 200586	0.0					10846	9133	10427	11416	9024	9727				
13	SYB 260008	SYB260008		SYB 230003	0.0					9746	9627	10122	11416	8719	9224				
14	SYB 260009	SYB260009	BOS 211401	BOS 188014	2.6					9656	10956	9149	9028	10840	9943	10520	9538		
15	SYB 260010	SYB260010	BOS 211401	BOS 200070	4.0					10456	10355	8748	9828	9939	9342				
16	SYB 260011	SYB260011		BOS 233120	0.0					11046	8133	10825	11612	9120	9526				
										★★★★★									

Selection List on Cow Value

Bull Calves younger than 2 years

IDName Sorted on ID			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	
							nt821	Q204X	F94L	Genomic tested									
											★★★★								
1	SYB 250011	SYB 250011	V8 160085	BOS 200915	0.3						9161	10467	7955	9541	10343	8350	9528	7946	
2	SYB 250014	SYB250014	V8 160085	BOS 211042	1.0						10361	9959	7854	9142	10745	8648	9526	8244	
3	SYB 250015	SYB250015	V8 160085	BOS 200931	1.0						10261	10059	7953	9541	10343	8748	9927	8344	
4	SYB 250027	SYB250027	BOS 211401	BOS 199670	1.1						9056	10564	8949	10026	9735	8943			

Selection List on Cow Value
Heifers younger than 2 years

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	SYB 250007	SYB 250007	BOS 177262	BOS 200070	1.1		9658	10567	10454	11229	11045	11748	9422	11143	
2	SYB 250026	SYB250026	BOS 211401	BOS 188008	5.7		10657	10166	9551	10730	11040	11046	10020	10541	
3	SYB 250029	SYB250029	BOS 211401	BOS 177308	9.9		10358	10265	9551	11432	10941	11346	9724	10742	
4	SYB 260003	SYB260003	BOS 211300	SYB 230004	1.1		10435	10544	9437	9821	12031	11531			
1	SYB 250019	SYRINGA SYB250019	BOS 211401	BOS 177103	6.8		8758	10966	10050	10834	9540	10047	10424	9742	
2	SYB 250020	SYRINGA SYB250020	BOS 211401	BOS 200333	1.7		10155	10964	9647	9526	10235	10243			
1	SYB 250001	SYB250001		BOS 200913	0.0		8848	9655	10935	11013	8626	9034			
2	SYB 250005	SYB250005	V8 160085	BOS 200407	1.2		8763	10768	8256	9742	11045	9351	9330	8847	
3	SYB 250008	SYB250008	V8 160085	BOS 200571	1.4		8362	10967	7954	9542	11043	9050	9828	8646	
4	SYB 250018	SYRINGA SYB250018	BOS 211460	BOS 188740	3.2		10853	10062	8449	9225	10337	9043			
5	SYB 250021	SYRINGA SYB250021	BOS 211401	BOS 200659	2.0		12654	8264	7946	11924	9635	9142			
6	SYB 250030	SYB250030	BOS 211401	BOS 200913	0.7		9756	10364	9848	9926	9737	9544	10120	9239	
7	SYB 260004	SYB260004	BOS 211401	BOS 200571	3.6		9146	10954	9344	9629	10437	9739	10620	9435	
8	SYB 260005	SYB260005	BOS 211401	BOS 200571	3.6		9146	10954	9344	9629	10437	9739	10620	9435	

	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.

