

BEEFMASTER

GENOMIC BREEDING VALUE REPORT

September 2026



DSB BEEFMASTERS

Herd Number: 689662

E-mail: storahdean@gmail.com



BEEFMASTER
CATTLE BREEDERS' SOCIETY OF SA
BEESTELERSGENOOTSAP VAN SA



EBVs, EBVi's and GEBVs

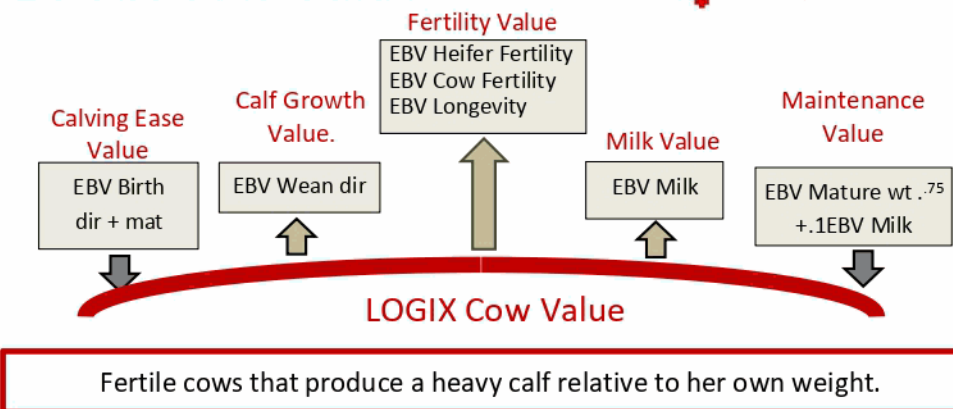
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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)

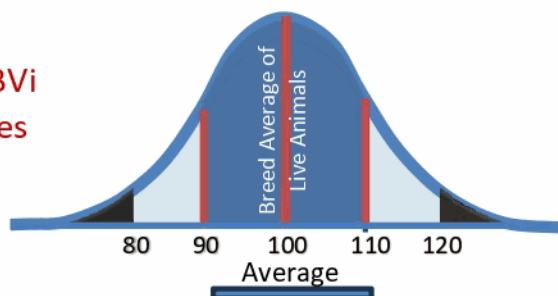
- WeanerCalf / Growth Value > 120
 - Cow Value and Fertility Value average to high
- Growers are usually heavier at birth (lower Calving Ease Value), and maturity (lower Maintenance Value).

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

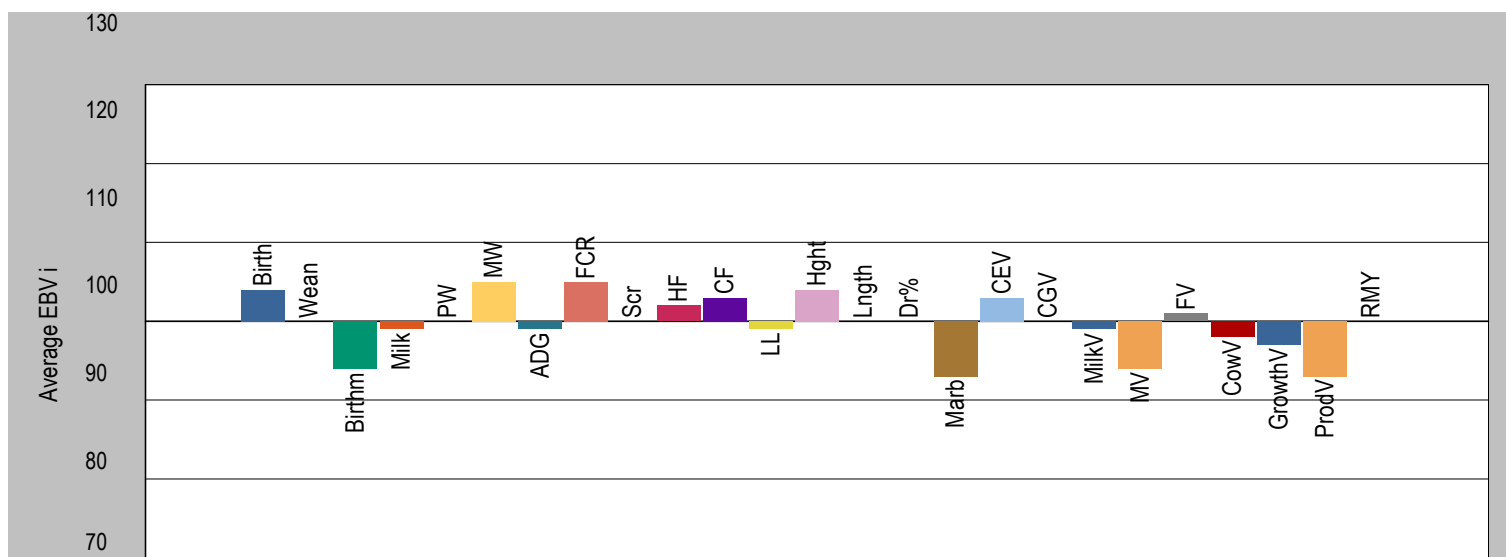
Larger groups result in more accurate and stable breeding values, as the mean and distribution of the group can be more accurately determined and are thus more representative. Groups should preferably have more than 5 animals. Weigh all the animals in the same group on the same day, as corrections for 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	RMV:	Carcass Value
	Ratio	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	-0.01	104	0.34
	Wean Weight	12.1	100	12.1
	Birth Mat.	0.19	94	-0.05
	Milk (Wn.Mat.)	-1.7	99	-1.4
Postwean Growth	Postwean Wt	18.8	100	19.0
	Mature Weight	13	105	7
	ADG	70	99	72
	FCR	-44	105	-39
Fertility	Scrotal Circumf.	11.1	100	11.1
	Heifer Fertility	-9.0	102	-7.5
	Cow Fertility	-4.6	103	-4.1
	Longevity	13.9	99	14.8
Frame	Height	4	104	1
	Length	13	100	13
Carcass	EMA	0.97	101	0.85
	Fat	-0.14	96	0.11
	Marbling	-0.09	93	0.30

Selection Value	Ave. Herd
Calving Ease	103
Calf Growth	100
Milk	99
Maintenance	94
Fertility	101
Cow Value	98
Growth Value	97
Production Value	93
Carcass Value	100

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

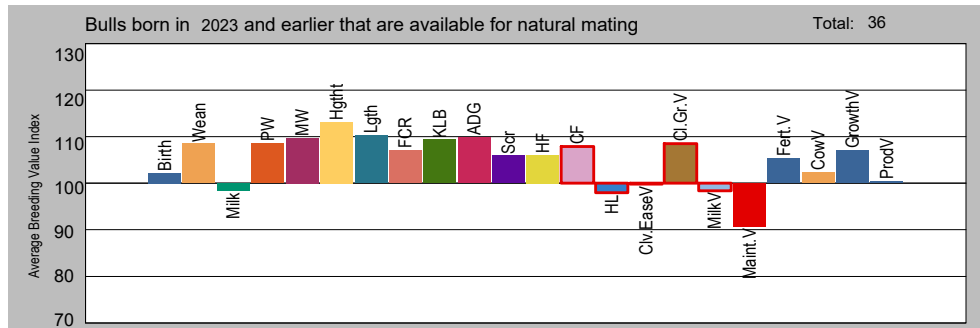
What does a sub-selection value above breed average (100) mean?:

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

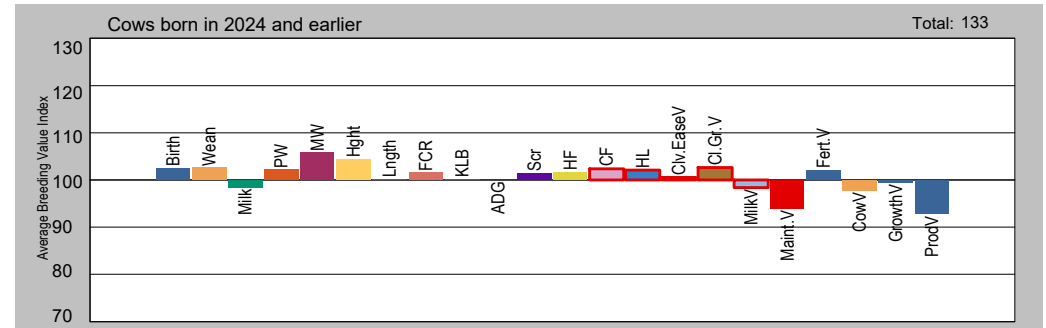
Genetic Windows

Animals available for breeding

Bulls on the farm

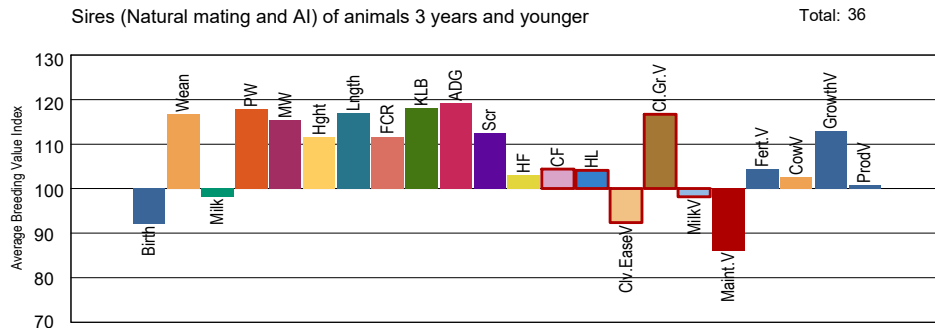


Cow Herd

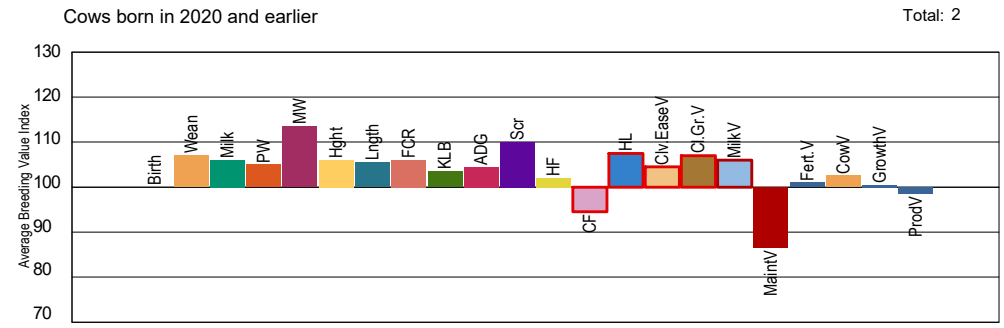


Results of previous selection decisions

Sires of young animals

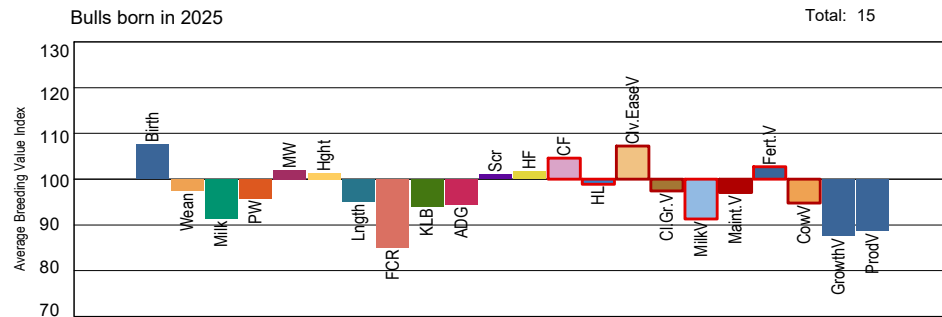


Cows older than 6 years

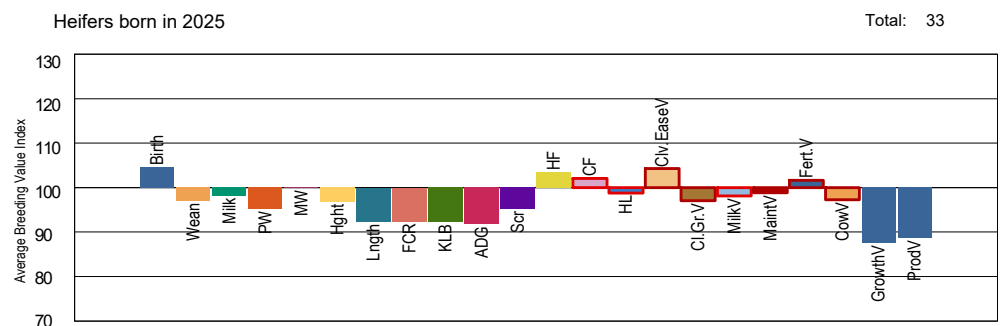


Selection possibilities

Bull calves



Heifer calves

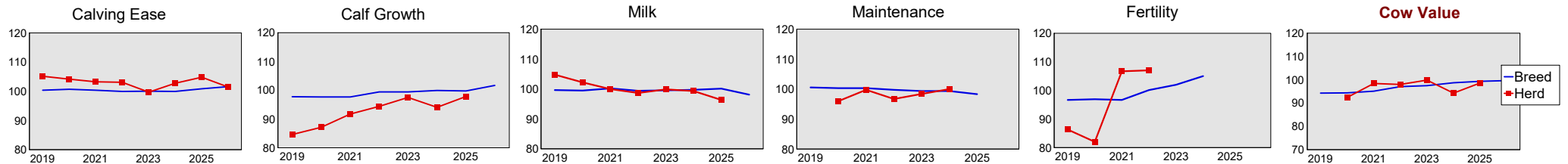


Summary of Cow Herd

			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	99	100	99	99	99	99	99	99	100	100	100	99	99
2015	2	★★★★☆	104	78	98		88				110	78	81	98	77					96		95			
2016	3		110	86	106		95				109	86	98	106	84					101	87	101			
2017	4		114	83	87						115	83	92	87	84					94		88			
2018	6		108	90	111	92	104	106	98	101	109	90	95	111	98	107	102	99		113	101	102	97	111	108
2019	6		101	86	109		90				105	86	88	109	85					84	95	98			
2020	25	★★★★	105	95	111	81	94	99	103	96	107	95	92	111	96	120	107	108	107	104	88	95	101	103	
2021	33	★★★★	105	94	97	103	102	98	80	78	108	94	88	97	92	96	88	89	87	107	108	95	99	91	
2022	27	★★★★	99	102	101	94	104	99	105	95	102	102	89	101	101	106	99	98	96	103	107	100	105	101	
2023	109	★★★★	101	106	98	92	102	98	103	95	104	106	91	98	106	108	105	105	106	101	102	101	106	103	
2024	32	★★★★	105	96	100	98	96	94	89	87	103	96	104	100	94	100	91	91	97	97	96	99	100	93	
2025	33	★★★★	104	97	98	99	102	97	88	89	105	97	97	98	95	100	92	92	95	103	102	99	97	92	
2026	17	★★★★	105	97	98	97	98	95	96	87	107	97	92	98	95	102	96	96	94	102	101	94	100	98	
Cows in Herd Average:			105	93	101	95	98	98	95	91	107	93	92	101	92	105	98	97	99	99	99	97	102	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.



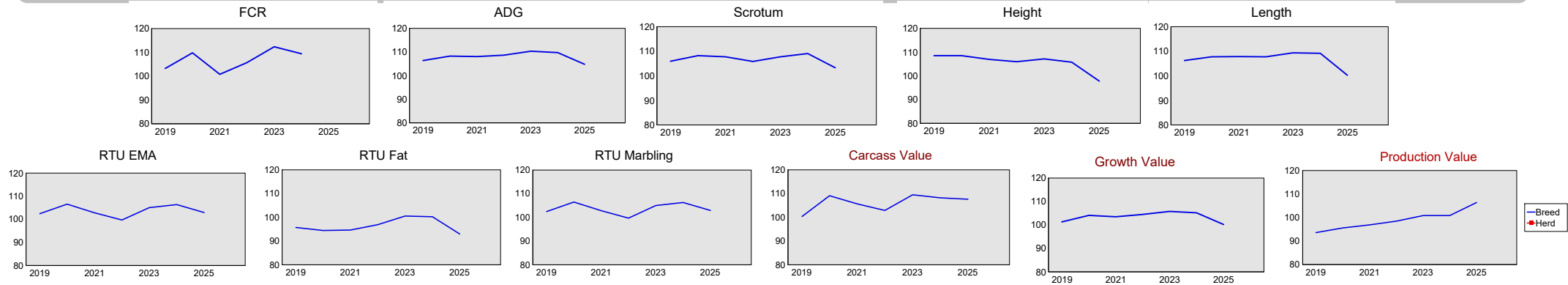
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility							Cow Value
	Birth Weight		Calv. Ease	Mat EBV	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		
2019	13	-0.20	0.20	105	12	3.2	85	12	-0.08	105	6	8.0				5	0.3	2	-3.1	12	1.3	86	
2020	25	-0.07	0.11	104	21	4.6	87	21	-0.79	102	9	10.6			96	7	-1.5	1	-1.8	24	0.9	82	93
2021	45	-0.23	0.46	103	33	7.3	92	33	-1.43	100	18	13.9			100	13	-10.0	10	-6.5	43	5.9	107	98
2022	51	-0.27	0.52	103	43	8.8	94	43	-1.80	99	24	15.4			97	15	-13.1	4	-7.9	23	8.4	107	98
2023	73	-0.02	0.54	100	33	10.7	98	33	-1.44	100	11	14.2			98								100
2024	97	0.13	0.00	103	42	8.7	94	42	-1.60	99	14	18.2			100								94
2025	70	-0.18	0.21	105	26	10.9	98	26	-2.48	96													99
2026	34	-0.01	0.33	101																			

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility						Cow Value
	Birth Weight		Calv. Ease	Mat EBV	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		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			
2019																								
2020																								
2021																								
2022																								
2023																								
2024																								
2025																								
2026																								

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	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 100010	712 YP 970419		84	113	119	93	92	103	91	97	94	113	74	119	111	104	103	102	81	119	79	88	150	123	116	152	137	135	134	
10 0010			96	97	94	91	92	86	88	86	0.81	19.8	0.98	4.1	27.8	12	84	-41	0.5	-22.4	0.1	7.5	31	36	2.41	3.14	2.38	4	33	61
BC 181137	BC 151018 BC 141086		94	108	114	85	100	102	87	95	101	108	81	114	96	114	89	93	74	94	106	100	88	86	86	128	116	119	117	
BC181137			95	95	89	84	86	83	84	83	0.27	16.7	0.68	2.6	15.9	23	33	-32	-3.9	-3.1	-5.2	14.9	-5	0	-0.55	1.74	1.20	9	13	16
BC 191068	BA 150135 X 130067		76	132	129	78	97	116	124	115	91	132	54	129	137	123	127	118	151	98	102	94	146	134	117	148	139	93	87	
BC191068			94	95	89	85	87	83	86	84	1.11	30.7	1.76	6.8	47.8	33	170	-59	40.2	-6.2	-4.5	10.9	28	46	2.55	2.92	2.52	11	7	9
BOS 111348	BOS 066337 BOS 055263		99	97	123	114	92	111	110	108	104	97	85	123	95	87	108	87	111	110	95	81	109	115	97	129	126	100	69	
BOS111348			94	93	90	65	77	78	34	69	0.03	10.1	0.53	5.2	15.4	-8	101	-25	17.4	-15.0	-3.1	3.3	7	27	0.54	1.81	1.78		34	95
BOS 144182	BOS 100048 BOS 099070		107	112	94	108	95	109	114	107	102	112	125	94	111	93	123	119	100	102	84	104	113	120	114	97	100		10	
BOS144182			87	90	87	86	87	80	85	81	0.15	19.0	-1.06	-3.2	27.7	0	155	-60	11.2	-9.3	-0.9	17.3	9	32	2.27	-0.06	0.29			
BOS 155048	BOS 088080 BOS 066096		121	114	77	82	97	95	113	94	116	114	109	77	117	121	115	111	85	119	69	110	118	118	106	82	111	254	249	
BOS155048			97	98	95	91	92	87	90	88	-0.99	20.2	-0.40	-7.8	32.1	31	127	-51	2.6	-22.4	2.1	21.0	12	31	1.40	-0.96	0.94	23	47	94
BOS 166103	BOS 066337 BOS 088340		74	124	89	83	106	93	117	93	79	124	93	89	126	119	125	114	112	119	100	99	86	114	124	156	131	107	81	
BOS166103			96	96	93	91	92	86	92	87	2.12	25.9	0.23	-4.6	39.2	29	163	-54	17.9	-22.6	-4.1	14.4	-7	27	3.24	3.35	2.08	15	10	12
BOS 166286	BOS 111100 BOS 111280		96	106	92	105	106	104	86	96	96	106	138	92	102	94	82	63	92	101	105	107	96	104	90	109	110	55	54	
BOS166286			92	93	89	86	86	82	82	82	0.65	15.5	-1.58	-3.6	20.3	1	8	2	6.7	-8.6	-5.2	19.1	-1	17	-0.15	0.66	0.84	7	15	30
BOS 166392	BOS 100193 BOS 100113		74	119	118	77	105	103	108	100	78	119	143	118	118	125	117	111	110	116	93	107	92	113	112	122	137	89	76	
BOS166392			94	95	91	89	88	84	86	84	2.17	23.2	-1.77	3.8	33.0	36	132	-51	16.8	-19.9	-2.7	19.0	-3	25	2.03	1.40	2.41	18	16	49
BOS 166563	BOS 122174 BOS 133668		97	79	116	126	105	107	85	99	104	79	80	116	78	74	80	66	88	120	101	93	67	75	72	112	106	95	87	
BOS166563			93	94	87	82	84	81	82	81	0.01	0.1	0.75	3.0	2.0	-23	-1	-2	4.3	-23.4	-4.3	10.7	-18	-10	-1.89	0.79	0.62	11	10	18
BOS 177663	BOS 100441 BOS 100738		86	122	91	85	85	84	114	84	83	122	112	91	123	116	120	114	102	72	89	103	71	103	145	37	68	134	118	
BOS177663			96	97	93	92	92	86	92	87	1.72	24.6	-0.54	-4.0	37.1	25	145	-54	12.1	14.7	-1.8	16.8	-15	16	5.28	-3.58	-1.53	28	16	22

Sires

Bull			Selection Values							Calf		Dam		Growth				Fertility				Frame		Carcass			Measured Progeny			
ID	Index	Sire 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.	
	EBV Acc																													Dam ID
BOS 188154  BOS 155327 BOS 166611 TOP GUN BOS 18 8154			70	122	71	94	107	87	90	81	72	122	143	71	113	106	107	110	121	87	110	117	93	111	124	103	111	494	467	
			99	99	97	97	97	90	97	91	2.63	24.6	-1.77	-9.6	29.1	14	98	-50	23.1	2.8	-6.1	25.2	-2	24	3.17	0.25	0.93	86	33	38
BOS 199109 BOS 122172 BOS 177046 BOS199109			70	126	84	89	97	87	135	91	53	126	143	84	129	111	133	119	125	67	104	116	114	120	122	108	118	32	32	
			79	86	63	40	55	61	40	57	4.28	27.0	-1.76	-6.0	41.2	20	194	-60	25.1	18.0	-4.9	25.0	10	32	3.07	0.57	1.33	4		
BOS 199277 BOS 122172 BOS 144017 BOS199277			97	119	66	85	100	84	115	84	96	119	103	66	117	118	118	110	105	86	108	104	90	108	113	101	120	16	17	
			71	81	60	38	53	57	30	52	0.65	23.1	-0.19	-11.1	32.1	27	137	-50	13.7	3.5	-5.7	17.5	-5	21	2.12	0.19	1.45	1	1	
CR 170085  WO 140164 CR 130036 CR170085			72	146	98	62	107	105	141	109	68	146	99	98	148	150	154	139	151	92	111	114	129	144	154	103	121	31	23	
			89	90	85	82	84	79	84	80	2.96	38.5	-0.01	-2.1	56.5	64	267	-81	40.0	-1.2	-6.2	23.8	18	55	6.19	0.29	1.50	11	4	
IAN 222037  BOS 144182 IAN 190030 22 2037			109	110	100	94	92	101	109	99	107	110	103	100	109	105	119	114	117	98	87	100	117	121	112	107	105	6		
			82	83	81	79	80	74	78	75	-0.25	17.6	-0.16	-1.5	25.6	12	142	-54	21.1	-5.7	-1.5	14.6	11	33	2.07	0.51	0.58			
JAN 177026  BOS 111348 BOS 088650 177026			97	99	109	116	94	107	98	101	102	99	84	109	97	85	100	93	108	98	96	95	105	102	92	121	114	32	20	
			90	89	85	81	83	79	80	79	0.16	11.8	0.57	1.2	16.9	-10	72	-31	15.5	-5.7	-3.3	11.4	4	15	0.06	1.33	1.09			
MS 180026  MS 150154 MS 130108 MS180026			76	117	102	93	92	92	116	92	54	117	127	102	117	105	116	99	105	96	90	97	132	127	123	101	101	146	139	
			95	96	90	88	87	84	85	84	4.14	22.1	-1.11	-0.9	32.2	13	129	-38	14.0	-4.1	-2.1	13.2	20	39	3.14	0.14	0.33	12	19	
OKT 190114  BOS 100193 OKT 140030 OKT 190114			94	130	87	63	112	101	127	102	90	130	113	87	128	150	133	118	97	102	125	102	153	150	134	101	139	52	49	
			91	93	86	84	85	81	83	81	1.14	29.3	-0.58	-5.0	40.5	64	193	-58	9.4	-9.0	-9.1	15.9	32	61	4.24	0.17	2.49	9	7	
PB 180054 AL 130633 PB 130221 PB180054			87	112	90	92	115	103			89	112	100	90	107	107	104		121	126	114	98	99	98	103	113	125	19	26	
			76	84	67	26	54	58			1.28	19.3	-0.05	-4.3	24.7	15	87		22.8	-28.2	-6.8	13.7	1	11	1.17	0.88	1.69			
RG 160026  BOS 111174 RG 070211 RG160026			88	119	89	68	118	97	109	95	92	119	92	89	126	141	118	108	125	106	135	100	116	123	116	124	122	141	114	
			96	96	93	92	92	86	89	87	1.00	23.1	0.27	-4.6	39.2	54	139	-48	25.4	-12.1	-11.2	14.9	11	36	2.45	1.48	1.53			
RG 160132  BOS 111174 RG 070155 RG160132			75	113	48	75	113	62	117	64	64	113	132	48	115	134	113	95	126	106	127	99	114	117	102	115	113	152	137	
			96	96	92	91	90	85	86	85	3.34	19.8	-1.32	-16.1	30.3	46	119	-33	25.8	-12.3	-9.5	14.1	9	29	1.08	0.98	1.04	11	32	

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																												
RG 180038		RG 150113 RG 150052	76	136	107	69	104	105			84	136	83	107	140	139	137		138	88	115	104	135	141	134	106	108	46	35
RG180038			83	85	63	43	46	60			1.69	33.0	0.61	0.5	50.3	52	207		32.5	1.8	-7.2	17.2	22	53	4.18	0.48	0.76		
											89	85	64	63	54	43	22		23	45	23	70	23	23	7	6	6	5	6
RG 180115		FCK 130017 RG 120218	84	112	155	80	104	124	123	123	80	112	121	155	121	118	127	117	93	105	109	98	116	123	120	96	104	102	97
RG180115			93	95	88	85	84	82	82	82	1.99	19.0	-0.90	14.1	35.0	28	172	-57	7.2	-11.5	-5.8	13.3	11	35	2.86	-0.12	0.55	10	15
											95	95	88	88	85	85	84	77	87	86	79	88	87	86	77	77	77		31
SB 150638		SB 12136M SB 120135	95	100	100	97	115	105	90	98	102	100	80	100	94	100	99		110	111	112	112	109	104	94	103	104	11	10
SB150638			79	79	72	55	54	63	28	56	0.16	12.2	0.74	-1.5	14.1	8	70		17.0	-15.8	-6.5	22.2	7	17	0.30	0.29	0.53	1	6
											81	79	71	72	59	55	50		56	60	31	71	58	55	16	15	15		17
SB 170563		VOVA120076 SB 120138	120	96	120	83	87	96	75	87	118	96	98	120	93	117	95	101	136	87	93	92	113	104	88	101	71	22	21
SB170563			79	82	65	54	58	63	47	60	-1.18	9.7	0.03	4.1	13.8	26	55	-40	31.5	2.5	-2.6	9.6	9	17	-0.30	0.19	-1.36	2	2
											83	82	66	65	60	54	71	17	78	57	43	74	79	77	26	23	23		2
SB 180519		SB 150759 SB 130164	120	121	63	87	113	107	91	100	112	121	121	63	115	115	98	99	89	109	108	114	74	95	101	126	116	180	171
SB180519			95	96	86	72	71	78	50	72	-0.69	24.2	-0.89	-11.7	30.9	24	66	-38	4.6	-14.9	-5.6	23.5	-14	8	0.97	1.64	1.22	35	40
											97	96	88	86	66	72	88	9	92	86	49	79	93	92	33	30	29		51
SB 180604		WO 110164 FXF 100529	94	124	98	86	109	112	136	115	106	124	61	98	133	115	137	127	111	115	110	99	143	132	126	98	93	67	55
SB180604			94	94	90	88	87	83	86	84	-0.18	25.9	1.50	-2.0	44.6	24	205	-68	17.4	-19.2	-6.1	14.0	26	44	3.38	0.01	-0.11	9	10
											95	94	90	90	88	88	89	82	91	88	84	90	92	91	82	82	82		23
SB 190590		WO 090057 SB 120166	92	98	108	79	99	84	130	87	100	98	76	108	106	123	113	93	111	100	91	107	140	125	100	79	71	13	13
SB190590			77	79	66	53	54	61	40	57	0.30	10.9	0.88	0.9	23.6	33	120	-31	17.2	-7.3	-2.3	19.2	24	37	0.81	-1.14	-1.36		
											80	79	65	66	54	53	65	7	73	52	41	68	75	71	34	31	31	1	2
SB 190606		CC 130173 SB 140247	90	115	85	77	88	75			96	115	84	85	115	128	119		112	66	98	104	130	121				23	22
SB190606			81	83	68	59	51	64			0.69	20.6	0.57	-5.5	30.7	39	141		18.0	19.0	-3.7	17.3	19	33				2	4
											85	83	68	68	52	59	67		76	54	31	69	77	74					8
SB 190655		SB 12171M SB 170212	130	110	119	92	91	121	112	117	124	110	109	119	117	105	119	113	58	82	94	103	97	115	119	84	103	149	133
SB190655			94	96	86	85	86	82	86	83	-1.67	17.6	-0.41	3.9	32.3	13	142	-53	-13.0	6.9	-2.9	16.8	0	27	2.69	-0.82	0.45	7	6
											96	96	87	86	88	85	88	81	90	87	82	89	90	90	81	81	81		7
SB 200549		SB 150555 SB 130140	74	109	102	80	108	88	90	82	82	109	81	102	107	122	92	80	136	99	101	117	102	104	94	79	71	16	16
SB200549			77	80	60	47	50	59	40	55	1.82	17.3	0.68	-1.0	24.2	32	44	-18	31.7	-7.1	-4.3	25.5	3	17	0.25	-1.09	-1.34	2	1
											81	80	61	60	54	47	69	5	77	54	32	63	79	76	33	29	28		1
SB 200577		BOS 166392 SB 170050	71	121	128	85	109	116	93	109	54	121	141	128	115	113	105	106	94	115	104	105	109	110	103	112	117	22	
SB200577			89	86	84	83	82	78	83	79	4.14	24.2	-1.67	6.5	30.7	22	90	-45	7.5	-19.1	-4.9	18.0	7	23	1.10	0.82	1.27		
											90	86	84	84	82	83	85	79	87	82	80	84	87	86	80	79	79		

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.
SB 200646		CC 130173 SB 150310	96	101	97	89	103	92	107	89	108	101	64	97	94	110	100		140	102	104	104	103	106	100	110	115	14	14
SB200646			77	80	64	57	53	62	40	58	-0.31	13.0	1.38	-2.4	14.6	18	71		33.9	-8.7	-4.8	17.0	3	19	0.85	0.71	1.12	2	2
SB 210501		SB 180604 SB 180228	112	127	103	81	112	127	132	127	119	127	73	103	141	121	137	128	120	124	106	101	135	136	127	103	100	41	38
SB210501			92	92	87	85	86	81	85	82	-1.27	27.8	1.03	-0.5	51.0	31	206	-69	22.5	-26.6	-5.2	15.6	22	48	3.46	0.30	0.30	4	8
SB 210506		SB 180604 SB 190013	115	120	92	88	102	112	106	108	123	120	67	92	116	112	111	109	116	102	105	100	130	122	119	100	93	18	16
SB210506			77	80	57	48	48	58	44	55	-1.60	23.8	1.23	-3.7	31.3	21	112	-49	20.4	-8.7	-5.0	14.9	19	34	2.75	0.09	-0.09	3	1
SB 210511		SB 170711 SB 190096	116	131	105	88	107	133	129	133	117	131	92	105	141	111	144	142	119	106	108	104	137	139	137	103	107	27	27
21 0511			78	83	56	37	45	56	49	55	-1.04	30.0	0.26	0.0	50.9	20	233	-84	21.7	-11.9	-5.7	17.5	23	50	4.45	0.30	0.67	8	5
SB 210513		SB 180531 SB 190087	81	123	92	81	100	93	126	95	89	123	82	92	124	122	144	132	135	92	97	110	138	142	128	107	120	4	4
SB210513			65	69	47	43	39	49	40	47	1.27	25.6	0.66	-3.6	37.8	32	231	-74	30.8	-1.2	-3.5	21.3	23	53	3.65	0.51	1.45	1	
SB 210514		SB 190501 SB 190084	72	130	123	84	101	114	126	114	72	130	99	123	134	114	143	152	125	91	105	105	111	117	126	109	98	17	16
SB210514			74	79	52	41	44	54	44	52	2.63	29.2	-0.02	5.1	45.7	24	230	-96	25.4	-0.6	-5.0	18.1	8	30	3.42	0.63	0.17	4	
SB 210525		SB 180517 SB 180039	125	115	81	77	112	107	126	108	126	115	88	81	114	128	139	131	153	109	117	104	86	114	129	96	104	89	81
SB210525			93	94	84	83	84	81	84	82	-1.80	20.6	0.41	-6.8	29.9	40	215	-73	41.2	-14.7	-7.4	17.4	-7	27	3.72	-0.10	0.55	5	4
SB 210528		SB 190501 SB 190105	64	117	119	83	92	90	113	89	74	117	76	119	114	117	134	146	123	87	91	104	110	109	123	89	92	12	12
SB210528			71	75	47	35	39	50	40	48	2.45	22.0	0.89	3.9	30.2	26	195	-89	24.0	2.5	-2.3	17.0	7	22	3.11	-0.54	-0.17	1	
SB 210536		SB 180693 SB 180001	81	99	108	88	113	96	93	90	81	99	105	108	98	111	96	81	117	119	103	110	108	105	90	107	98	1	1
SB210536			64	67	53	45	42	50	41	48	1.93	11.8	-0.25	0.9	17.5	19	59	-19	20.5	-22.0	-4.8	21.3	6	18	-0.11	0.49	0.18		
SB 210554		SCH 150178 SB 160080	91	117	101	71	116	103	128	104	93	117	95	101	124	136	141	131	131	113	117	108	130	141	134	85	93	6	5
SB210554			71	73	58	49	48	56	43	53	0.92	21.8	0.14	-1.2	37.9	49	220	-73	28.7	-17.8	-7.4	19.7	19	52	4.24	-0.79	-0.11	3	
SB 210583		SB 180604 SB 170148	96	135	107	78	109	124	150	128	96	135	100	107	144	124	154	137	126	110	106	107	156	152	141	85	101	2	1
SB210583			68	69	57	51	46	54	40	51	0.68	32.3	-0.06	0.4	53.1	35	267	-80	25.7	-15.3	-5.3	19.4	34	63	4.88	-0.79	0.35		

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					
SB 210613		SB 180604 BOS 100113		92	113	104	99	104	110	107	106	89	113	111	104	117	99	112	107	103	115	96	102	105	106	104	102	99	4	4
SB210613				69	73	58	45	47	54	41	51	1.28	19.7	-0.50	-0.3	32.3	6	115	-47	12.6	-19.5	-3.3	16.1	4	19	1.25	0.23	0.26		
												73	73	56	58	48	45	65	9	74	50	31	60	75	72	18	17	16		
SB 220734		OKT 190114 SB 180203		104	115	98	70	113	104	116	102	104	115	97	98	115	138	118	105	91	116	111	106	137	131	119	105	121	5	
SB220734				69	67	55	47	44	52	28	47	-0.03	20.6	0.07	-1.9	30.8	50	138	-45	5.8	-19.8	-6.2	18.3	23	43	2.71	0.38	1.50		
												73	67	54	55	47	47	45	6	50	48	29	54	50	49	19	18	17		
SCH 150116		WO 110544 SCH 110039		75	146	123	61	116	127	141	130	53	146	132	123	148	150	154	128	153	125	121	96	156	153	154	96	121	217	201
SCH150116				97	97	94	92	91	86	89	87	4.28	38.5	-1.30	5.0	56.5	64	267	-70	41.2	-26.9	-8.2	12.3	34	63	6.19	-0.14	1.49	44	44
												98	97	94	94	90	92	94	83	95	92	86	94	96	95	83	83	83		
SCH 150178		WO 110544 SCH 110060		70	122	84	63	118	85	133	89	65	122	93	84	135	150	142	127	141	125	123	98	131	136	131	89	102	133	125
SCH150178				95	96	92	90	89	85	88	86	3.21	24.6	0.22	-5.8	46.2	64	223	-68	34.3	-26.9	-8.8	13.3	19	48	3.91	-0.52	0.39	17	26
												96	96	91	92	90	90	91	83	93	90	85	92	93	92	83	83	83		
UKJ 100182		UKJ 060095 UKJ 070051		72	134	90	79	97	93	133	96	74	134	140	90	136	124	140	119	118	81	114	96	135	144	136	92	135	205	187
UKJ100182				96	97	95	89	82	84	44	76	2.50	31.8	-1.63	-4.3	46.9	35	216	-60	21.2	7.1	-6.9	12.6	22	55	4.38	-0.38	2.31	11	67
												97	97	94	95	94	89	74	7	80	92	58	95	81	79	38	34	33		
V8 160085		BOS 122346 BOS 099243		92	102	61	93	108	75	95	72	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	88	94	89	1.30	13.5	-0.61	-12.3	16.9	16	70	-41	19.0	-9.7	-5.1	21.1	-6	3	0.21	1.22	1.22	18	43
												98	98	96	96	96	94	95	93	95	95	93	96	96	95	93	93	93		
VOVA17013 4		BOS 077216 VYF 140095		107	97	94	104	91	92	93	87	103	97	109	94	92	95	98	102	84	92	106	84	85	87	94	101	96	4	3
VOVA17134				67	64	55	35	49	50	32	46	0.10	10.5	-0.43	-3.0	13.0	1	65	-41	2.2	-1.2	-5.2	5.2	-7	1	0.24	0.18	0.08		
												71	64	52	55	56	35	52	8	61	50	31	66	61	60	12	11	11		
VOVA18005 2		VYF 120243 VOVA140106		99	101	92	92	126	108	92	102	108	101	70	92	98	107	102	97	91	125	144	95	102	103	105	112	113	135	101
VOVA180052				95	96	91	87	90	84	87	85	-0.34	12.6	1.12	-3.6	17.4	15	80	-36	6.2	-26.9	-13.0	11.4	3	16	1.36	0.79	1.06	17	18
												96	96	92	91	91	87	87	86	88	91	87	92	88	88	86	86	86		
VOVA21003 4		V8 160085 VYF 130097		125	103	73	95	103	96	97	92	116	103	118	73	101	104	99	96	115	99	99	110	99	93	96	109	118	48	10
VOVA210034				91	88	86	84	85	80	85	81	-1.01	13.9	-0.77	-9.1	19.7	12	67	-34	19.6	-6.7	-3.8	20.9	1	7	0.47	0.64	1.32		
												92	88	86	86	85	84	86	82	88	85	83	86	89	88	82	82	82		
VYF 120243		FXF 090340 FXF 100435		86	96	103	93	122	103	79	94	93	96	84	103	93	105	86	75	79	119	140	95	98	97	92	100	108	84	144
VYF120243				95	97	94	87	92	85	88	86	0.95	10.0	0.59	-0.5	13.7	13	23	-12	-0.6	-22.1	-12.2	11.9	0	11	0.06	0.14	0.74	6	36
												96	97	93	94	95	87	89	85	93	93	87	96	93	92	85	85	85		
WO 110164		WO 090106 WO 080203		94	113	91	93	101	98	142	102	92	113	108	91	130	106	143	136	138	102	103	99	151	126	121	108	80	171	145
WO110164				96	97	94	92	91	86	88	86	1.02	19.8	-0.37	-3.9	42.3	14	227	-78	32.5	-9.0	-4.7	14.0	31	38	2.96	0.56	-0.84	33	30
												97	97	94	94	91	92	93	83	94	91	87	95	94	94	85	84	84		

Sires

Bull				Selection Values								Calf		Dam		Growth				Fertility				Frame		Carcass			Measured Progeny			
ID	Index EBV Acc		Sire ID Dam ID	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	Value	Dir	Dir	Mat.	Mat.	wt	weight					Fertility	Fertility	ty							Grwth	Dgt/Calvs.
				Value	Value																										Test	
WO 140164			WO 120232	78	146	80	63	113	103	154	110	87	146	79	80	148	150	154	129	152	114	119	102	139	143	150	108	118				
			WO 070599									1.39	38.5	0.79	-7.1	56.5	64	267	-71	40.5	-18.1	-7.9	15.9	24	54	5.74	0.55	1.33		36		
WO140164				78	88	79	61	66	69	45	64	79	88	75	79	84	61	66	18	84	69	47	83	74	72	20	18	18	6	8	27	

Growth Tests

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

Animal					Weight		Frame				Growth				Carcass				
Test Code	Sex	Test no	Sire ID	Cow	Wean	End-	Length	Height	Length/	Scrotum	Intake	ADG	FCR	Growth	EMA	Fat	Marbling	Carcass	
Test station		ID	Dam ID	Value	dir	weight			Height					Value				Value	
201705 B22 M																			
CCM FARM CC		CR 170085	 WO 140164 CR 130036	105	146	152	144	129	135	151	54	154	139	141	154	103	121	154	
		86516028		79	90	66	55	18	1.22	40.0	1.00	267	-81	84	6.19	0.29	1.50	80	
		CR 170089	WO 140164 CR 120008	97	125	128	126	130	104	131	82	127	123	127	119	93	88	124	
		86516036		42	61	44	38	19	1.14	28.8	0.47	171	-65	24	2.72	-0.33	-0.38	10	
201902 D11 M																			
DWEN		SB 180604	 WO 110164 FXF 100529	112	124	130	132	143	98	111	70	137	127	136	126	98	93	128	
		86906591		83	94	45	44	26	1.13	17.4	0.68	205	-68	86	3.38	0.01	-0.11	82	
202101 D11 M																			
DWEN		SB 200577	 BOS 166392 SB 170050	116	121	108	110	109	105	94	104	105	106	93	103	112	117	102	
		90241688		78	86	25	23	7	1.14	7.5	0.05	90	-45	83	1.10	0.82	1.27	80	
202201 D11 M																			
WATSON		VOVA210034	 V8 160085 VYF 130097	96	103	100	93	99	89	115	107	99	96	97	96	109	118	95	
		94316460		80	88	17	7	1	1.10	19.6	0.01	67	-34	85	0.47	0.64	1.32	82	
202401 D11 M																			
WATSON		VOVA230030	BOS 188154 VOVA210003	95	111	119	128	123	117	137	94	109	102	97	116	94	103	110	
		96847470		48	61	35	40	15	1.17	32.0	0.23	105	-41	40	2.46	-0.24	0.44	14	
202402 D11 M																			
DWEN		SB 230573	 SB 190655 SB 180063	125	115	122	118	107	123	91	77	129	120	124	117	90	105	119	
		95064846		76	85	37	31	5	1.19	5.9	0.56	178	-61	82	2.56	-0.50	0.58	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	% 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																													
CR 170085 86516028 CR170085		WO 140164 CR 130036	72 89	146 90	98 85	62 82	107 84	105 79	141 84	109 80	154 80	68 2.96 90	99 -0.01 85	150 64 82	146 38.5 90	98 -2.1 85	119 87 86	148 56.5 88	154 267 86	139 -81 80	151 40.0 90	92 -1.2 84	111 -6.2 81	114 23.8 87	129 18 89	144 55 88	154 6.19 80	103 0.29 80	121 1.50 80
CR 170089 86516036 CR170089		WO 140164 CR 120008	86 42	125 61	95 51	73 32	104 37	97 42	127 24	99 38	124 10	92 0.97 42	83 0.62 41	134 46 32	125 26.7 61	95 -2.8 51	106 55 48	128 40.7 58	127 171 35	123 -65 9	131 28.8 71	106 -12.0 37	106 -5.3 24	100 14.9 51	130 19 39	126 38 38	119 2.72 10	93 -0.33 9	88 -0.38 9
JAN 177026 86285475 177026	5	BOS 111348 BOS 088650	97 90	99 89	109 85	116 81	94 83	107 79	98 80	101 79	97 80	102 0.16 91	84 0.57 85	85 -10 81	99 11.8 89	109 1.2 85	113 73 85	97 16.9 84	100 72 81	93 -31 80	108 15.5 81	98 -5.7 83	96 -3.3 81	95 11.4 86	105 4 81	102 15 81	92 0.06 80	121 1.33 80	114 1.09 80
SB 180604 86906591 SB180604	1	WO 110164 FXF 100529	94 94	124 94	98 90	86 88	109 87	112 83	136 86	115 84	128 82	106 -0.18 95	61 1.50 90	115 24 88	124 25.9 94	98 -2.0 90	115 76 91	133 44.6 88	137 205 89	127 -68 82	111 17.4 91	115 -19.2 88	110 -6.1 84	99 14.0 90	143 26 92	132 44 91	126 3.38 82	98 0.01 82	93 -0.11 82
VOVA180052 90534884 VOVA180052	1	VYF 120243 VOVA140106	99 95	101 96	92 91	92 87	126 90	108 84	92 87	102 85	100 86	108 -0.34 96	70 1.12 92	107 15 87	101 12.6 96	92 -3.6 91	90 18 91	98 17.4 91	102 80 87	97 -36 86	91 6.2 88	125 -26.9 91	144 -13.0 87	95 11.4 92	102 3 88	103 16 88	105 1.36 86	112 0.79 86	113 1.06 86
SB 200577 90241688 SB200577		BOS 166392 SB 170050	71 89	121 86	128 84	85 83	109 82	116 78	93 83	109 79	102 80	54 4.14 90	141 -1.67 84	113 22 83	121 24.2 86	128 6.5 84	136 126 84	115 30.7 82	105 90 85	106 -45 79	94 7.5 87	115 -19.1 82	104 -4.9 80	105 18.0 84	109 7 87	110 23 86	103 1.10 80	112 0.82 79	117 1.27 79
PB 210057 93549582 PB210057		PB 180054 PB 160163	89 83	116 84	87 81	87 78	107 79	97 74	99 78	93 75	107 78	88 1.32 84	106 -0.31 80	113 22 78	116 21.4 84	87 -5.2 81	99 39 81	107 24.8 82	110 108 78	108 -47 78	109 16.5 78	104 -10.3 79	112 -6.6 78	102 15.7 81	106 5 78	109 22 78	104 1.28 78	107 0.51 78	118 1.33 78
RG 210050 93006278 21 050		RG 160026 RG 180140	109 85	102 86	93 84	83 82	119 82	105 77	92 80	98 78	96 79	112 -0.64 86	87 0.46 83	118 28 82	102 13.3 86	93 -3.3 84	88 14 84	107 24.4 84	98 65 80	92 -30 79	108 15.4 80	120 -23.4 82	128 -9.8 81	99 14.0 84	96 -1 80	100 13 80	98 0.67 79	109 0.61 79	109 0.81 79
RG 210060 93006435 21 060		RG 180038 RG 170095	89 59	119 63	94 47	92 34	106 32	106 44				94 0.85 63	88 0.41 45	106 14 34	119 23.4 63	94 -3.1 47	111 68 48	119 33.7 36	115 128 11		118 21.1 12	105 -11.6 32	112 -6.4 18	99 14.2 45	122 14 12	122 34 11			
VOVA210034 94316460 VOVA210034		V8 160085 VYF 130097	125 91	103 88	73 86	95 84	103 85	96 80	97 85	92 81	95 82	116 -1.01 92	118 -0.77 86	104 12 84	103 13.9 88	73 -9.1 86	77 -11 86	101 19.7 85	99 67 86	96 -34 82	115 19.6 88	99 -6.7 85	99 -3.8 83	110 20.9 86	99 1 89	93 7 88	96 0.47 82	109 0.64 82	118 1.32 82
D 220010 93905768 220010		VOVA180052 D 150004	84 83	112 84	100 81	89 78	114 80	105 75	110 78	103 76	116 78	94 0.87 84	76 0.91 81	109 18 78	112 19.1 84	100 -1.4 81	107 58 81	109 26.2 81	120 145 78	115 -56 78	107 15.3 79	114 -18.1 80	120 -8.0 78	102 15.8 81	116 11 79	117 29 78	120 2.79 78	108 0.60 78	114 1.09 78
D 220023 93906121 220023		VOVA180052 D 150021	91 83	106 83	104 81	90 78	109 80	102 74	103 78	98 75	107 77	101 0.24 84	72 1.06 81	108 17 78	106 15.3 83	104 -0.4 81	103 50 81	103 21.2 80	109 106 78	103 -43 77	101 11.9 78	106 -12.2 80	116 -7.3 78	100 14.6 81	114 10 78	110 23 78	114 2.19 77	104 0.31 77	114 1.12 77

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				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
D 220034 93968394 220034	1	VOVA180052 SB 180019		133 85	92 85	85 83	93 80	118 81	108 76	84 80	100 77	89 79	131 -2.23 86	95 0.14 83	106 14 80	92 7.2 85	85 -5.8 83	75 -18 83	90 11.4 82	91 40 80	86 -24 79	93 7.3 80	116 -19.7 82	123 -8.7 79	106 18.3 83	90 -4 80	91 5 80	93 0.14 79	107 0.53 79	108 0.73 79
D 220041 94039732 220041		JAN 177026 D 190015		109 56	90 58	106 42	110 19	91 29	97 39			87 10	111 -0.58 60	91 0.29 41	91 -3 19	90 6.1 58	106 0.3 42	96 32 40	88 10.0 30	91 41 16	93 -31 5	99 10.5 17	96 -4.2 28	92 -2.5 18	93 10.6 41	104 3 17	95 9 17	85 -0.67 10	98 -0.04 9	83 -0.66 9
D 220043 94183415 220043		JAN 177026 D 170097		104 58	97 60	100 47	102 19	95 30	95 41			94 10	104 -0.02 62	97 0.05 46	96 3 19	97 10.3 60	100 -1.4 47	97 34 42	95 15.5 32	97 62 16	95 -34 5	100 11.3 17	100 -7.2 30	96 -3.3 18	95 11.8 43	106 5 17	100 13 17	93 0.16 10	101 0.16 9	95 0.02 9
D 220046 94114964 220046		VOVA180052 D 160020		106 59	81 61	100 47	111 14	109 34	98 41				111 -0.60 62	80 0.74 47	91 -4 14	81 1.2 61	100 -1.5 47	81 -3 41	80 3.8 35	78 -8 19		78 -1.2 23	119 -22.0 40	111 -6.4 18	95 11.6 45	86 -7 22	78 -7 22			
D 220052 95430831 220052		VOVA170134 D 190501		105 48	91 32	101 27	105 18	90 24	88 28			83 6	104 -0.03 52	100 -0.06 32	94 1 18	91 6.8 32	101 -1.2 27	91 21 26	88 9.6 28	88 29 26		85 2.7 30	93 -2.1 25	97 -3.4 15	88 7.4 33	91 -4 31	85 -1 30	83 -0.82 6	87 -0.64 6	73 -1.22 6
IAN 222037 98907975 22 2037		BOS 144182 IAN 190030		109 82	110 83	100 81	94 79	92 80	101 74	109 78	99 75	115 78	107 -0.25 82	103 -0.16 80	105 12 79	110 17.6 83	100 -1.5 81	106 57 81	109 25.6 80	119 142 79	114 -54 78	117 21.1 79	98 -5.7 79	87 -1.5 79	100 14.6 81	117 11 79	121 33 79	112 2.07 78	107 0.51 78	105 0.58 78
SB 220734 93831808 SB220734		OKT 190114 SB 180203		104 69	115 67	98 55	70 47	113 44	104 52	116 28	102 47	121 18	104 -0.03 73	97 0.07 54	138 50 47	115 20.6 67	98 -1.9 55	97 35 56	115 30.8 47	118 138 45	105 -45 6	91 5.8 50	116 -19.8 48	111 -6.2 29	106 18.3 54	137 23 50	131 43 49	119 2.71 19	105 0.38 18	121 1.50 17
D 230003 95558011 230003		D 200066		106 43									107 -0.24 49	95 0.13 24										79 1.5 14						
D 230006 95558045 230006		D 200060		108 41									109 -0.44 47	93 0.21 20										74 -1.1 16						
D 230010 95430864 230010		D 200062		103 41									104 -0.01 47	94 0.20 20										74 -1.1 16						
D 230012 95430880 230012		D 200064		107 43									109 -0.40 49	91 0.32 24										79 1.5 14						
D 230019 95679395 230019		VOVA180052 D 200017		105 82	108 84	95 81	97 78	122 80	119 74	100 78	114 75	102 77	105 -0.08 82	98 0.03 81	101 9 78	108 16.7 84	95 -2.7 81	102 47 81	106 23.5 80	106 93 78	100 -39 77	96 8.7 78	126 -27.7 80	131 -10.2 78	98 13.8 81	109 7 78	105 18 78	105 1.30 77	103 0.29 77	110 0.86 77

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																														
D 230021	95679387	VOVA180052	SB 200104	95	110	98	81	110	99	100	95	106	98	91	120	110	98	98	106	107	101	110	108	115	102	106	109	111	105	120
230021				85	85	82	80	81	76	79	77	79	0.47	0.31	30	17.7	-2.0	38	23.4	99	-40	16.6	-13.7	-7.0	15.9	5	22	1.91	0.37	1.41
													86	83	80	85	82	82	82	80	78	80	82	79	83	80	80	79	79	79
D 230053	96106968	VOVA180052	D 180002	107	109	88	92	121	113	99	108	110	109	90	107	109	88	95	106	111	109	103	117	133	100	109	108	113	118	117
230053				83	81	80	78	80	74	78	75	77	-0.43	0.32	15	17.1	-4.7	30	23.9	112	-49	12.9	-21.1	-10.7	14.9	7	21	2.09	1.18	1.25
													83	81	78	81	80	80	80	78	77	78	80	78	81	78	78	77	77	77
D 230106	96902424	SB 180604	SB 200046	100	103	102	94	98	97	105	94	100	108	76	104	103	102	102	108	107	109	99	105	99	94	120	107	99	86	72
230106				56	46	40	36	35	39	24	36	15	-0.29	0.90	12	14.1	-0.9	46	25.0	99	-48	10.3	-11.1	-3.9	10.9	13	20	0.76	-0.73	-1.32
													60	44	36	46	40	41	34	40	7	43	37	25	43	43	42	16	14	14
D 230107	96902457	SB 180604	D 200028	100	106	103	89	99	98	110	96	108	107	76	110	106	103	103	110	114	116	104	103	100	96	127	115	106	87	74
230107				56	59	45	36	36	43	24	39	15	-0.28	0.88	18	15.9	-0.5	50	27.2	124	-56	13.6	-9.8	-4.2	12.5	17	28	1.41	-0.65	-1.16
													60	44	36	59	45	47	34	40	7	43	37	25	45	43	42	16	14	14
D 230114	96902390	SB 180604	D 200038	98	104	103	94	98	97	105	94	100	105	76	104	104	103	103	109	107	109	99	105	99	94	120	107	99	86	72
230114				56	46	40	36	35	39	24	36	15	-0.12	0.91	12	14.6	-0.7	50	25.6	99	-48	10.3	-11.1	-3.9	10.9	13	20	0.76	-0.73	-1.32
													60	44	36	46	40	41	34	40	7	43	37	25	43	43	42	16	14	14
D 230115	96902499	SB 180604	D 200031	98	104	103	94	99	98	105	95	100	105	76	104	104	103	103	109	107	109	99	105	99	96	120	107	99	86	72
230115				56	46	40	36	36	40	24	37	15	-0.11	0.91	12	14.6	-0.6	50	25.6	99	-48	10.3	-11.1	-3.9	12.5	13	20	0.76	-0.73	-1.32
													60	44	36	46	40	41	34	40	7	43	37	25	45	43	42	16	14	14
D 230121	96892179	CR 170085	D 200030	88	119	102	77	101	96	115	95	117	92	90	126	119	102	108	119	118		118	93	99	109	113	113	115	88	
230121				55	42	33	23	27	34	22	32	5	1.00	0.35	37	23.0	-0.8	60	34.1	136		21.6	-2.1	-3.9	20.3	9	26	2.36	-0.59	
													59	40	23	42	33	33	38	36		42	28	14	40	40	39	5	5	
D 230130	96892138	SB 180604	D 200023	98	106	103	90	99	97	109	95	106	106	76	109	106	103	103	110	113	114	103	104	100	96	126	114	104	87	74
230130				45	59	45	36	36	41	24	38	15	-0.14	0.90	17	15.5	-0.5	50	26.7	119	-55	12.9	-10.2	-4.1	12.5	16	27	1.27	-0.66	-1.19
													46	40	36	59	45	47	34	40	7	43	37	25	45	43	42	16	14	14
D 230131	96892153	CR 170085	D 200025	85	123	103	74	99	96	119	96	123	88	95	131	123	103	110	123	123		123	92	100	106	119	120	120	89	
230131				54	56	39	23	28	38	22	35	5	1.32	0.13	42	25.2	-0.6	66	36.8	155		24.2	-1.2	-4.1	18.2	12	32	2.84	-0.53	
													58	38	23	56	39	39	38	36		42	28	14	41	40	39	5	5	
D 230202	96902382	SB 180604	D 200035	102	103	101	94	99	98	105	95	100	109	75	104	103	101	101	107	107	109	99	105	99	97	120	107	99	86	72
230202				58	46	40	36	35	40	24	37	15	-0.44	0.92	12	13.7	-1.0	43	24.5	99	-48	10.3	-11.1	-3.9	13.0	13	20	0.76	-0.73	-1.32
													61	46	36	46	40	41	34	40	7	43	37	25	42	43	42	16	14	14
SB 230573	95064846	SB 190655	SB 180063	122	115	109	88	107	125	124	124	119	122	92	110	115	109	116	121	129	120	91	98	104	113	107	118	117	90	105
SB230573				88	85	82	80	80	76	82	77	78	-1.49	0.26	19	20.6	1.1	80	35.0	178	-61	5.9	-5.6	-4.9	23.1	5	31	2.56	-0.50	0.58
													89	83	80	85	82	82	82	84	77	86	81	78	82	86	85	78	78	78
VOVA230030	96847470	BOS 188154	VOVA210003	94	111	76	101	104	95	97	90	110	90	125	98	111	76	91	107	109	102	137	96	98	116	123	128	116	94	103
230030				57	61	58	37	43	48	40	46	14	1.14	-1.04	5	18.5	-8.0	21	24.3	105	-41	32.0	-4.1	-3.7	24.6	15	40	2.46	-0.24	0.44
													58	53	37	61	58	52	56	67	7	74	47	33	50	76	73	14	13	13

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				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	
D 240002 98352156 D240002		SB 200577 D 210080		78 52	106 33	120 28	93 26	98 25	99 30	84 20	91 28	87 12	73 2.61 57	115 -0.64 35	104 11 26	106 15.5 33	120 4.3 28	119 88 29	102 20.8 24	91 41 33			90 5.4 37	105 -11.0 25	96 -3.2 17	98 13.5 34	103 3 38	97 10 36	87 -0.38 12	93 -0.32 12	84 -0.62 12
D 240005 98352180 D240005		VOVA210034 D 210074		114 54	94 37	90 29	99 23	95 25	90 31	86 20	83 29	84 5	111 -0.55 58	104 -0.23 38	99 6 23	94 8.6 37	90 -4.2 29	84 4 30	92 13.1 28	88 30 34			101 11.4 38	97 -4.8 26	93 -2.7 16	100 15.0 34	98 0 38	88 2 37	84 -0.70 5	91 -0.41 5	84 -0.60 5
D 240006 98352198 D240006		SB 200577 D 210054		82 53	103 33	118 28	93 26	98 25	98 30	84 20	90 28	87 12	78 2.13 58	116 -0.67 35	104 11 26	103 14.1 33	118 3.7 28	115 78 29	100 19.0 24	91 41 33			90 5.4 37	105 -11.0 25	96 -3.2 17	98 13.5 34	103 3 38	97 10 36	87 -0.38 12	93 -0.32 12	84 -0.62 12
D 240007 98352206 D240007		SB 200577 D 210064		78 52	106 33	120 28	93 26	98 25	99 30	84 20	91 28	87 12	73 2.61 57	115 -0.64 35	104 11 26	106 15.5 33	120 4.3 28	119 88 29	102 20.8 24	91 41 33			90 5.4 37	105 -11.0 25	96 -3.2 17	98 13.5 34	103 3 38	97 10 36	87 -0.38 12	93 -0.32 12	84 -0.62 12
D 240011 98352222 D240011		VOVA210034 D 210053		131 54	88 37	85 29	100 23	95 25	90 31	86 20	83 29	84 5	125 -1.76 58	106 -0.30 38	99 6 23	88 5.0 37	85 -5.7 29	73 -22 30	87 8.7 28	88 30 34			101 11.4 38	97 -4.8 26	93 -2.7 16	100 15.0 34	98 0 38	88 2 37	84 -0.70 5	91 -0.41 5	84 -0.60 5
D 240020 98363708 D240020		SB 200577 D 210063		84 53	103 33	117 28	93 26	98 25	98 30	84 20	90 28	87 12	80 1.96 58	116 -0.68 35	104 11 26	103 13.6 33	117 3.5 28	114 74 29	99 18.4 24	91 41 33			90 5.4 37	105 -11.0 25	96 -3.2 17	98 13.5 34	103 3 38	97 10 36	87 -0.38 12	93 -0.32 12	84 -0.62 12
D 240026 98352230 D240026		SB 200577 D 210058		87 53	102 33	117 28	94 26	98 25	98 30	84 20	90 28	87 12	83 1.76 58	116 -0.69 35	104 11 26	102 13.0 33	117 3.2 28	112 70 29	98 17.7 24	91 41 33			90 5.4 37	105 -11.0 25	96 -3.2 17	98 13.5 34	103 3 38	97 10 36	87 -0.38 12	93 -0.32 12	84 -0.62 12
D 240027 98363765 D240027		VOVA210034 D 210065		111 54	95 37	91 29	99 23	95 25	90 31	86 20	83 29	84 5	108 -0.36 59	104 -0.22 38	99 6 23	95 9.1 37	91 -4.0 29	86 8 30	93 13.8 28	88 30 34			101 11.4 38	97 -4.8 26	93 -2.7 16	100 15.0 34	98 0 38	88 2 37	84 -0.70 5	91 -0.41 5	84 -0.60 5
D 240029 98352248 D240029		VOVA210034 D 210060		130 54	88 37	85 29	100 23	95 25	90 31	86 20	83 29	84 5	125 -1.74 59	106 -0.30 38	99 6 23	88 5.1 37	85 -5.7 29	73 -22 30	87 8.7 28	88 30 34			101 11.4 38	97 -4.8 26	93 -2.7 16	100 15.0 34	98 0 38	88 2 37	84 -0.70 5	91 -0.41 5	84 -0.60 5
D 240031 98352255 D240031		VOVA210034 D 210077		119 54	92 37	89 29	99 23	95 25	90 31	86 20	83 29	84 5	115 -0.89 59	105 -0.25 38	99 6 23	92 7.6 37	89 -4.6 29	81 -4 30	91 11.9 28	88 30 34			101 11.4 38	97 -4.8 26	93 -2.7 16	100 15.0 34	98 0 38	88 2 37	84 -0.70 5	91 -0.41 5	84 -0.60 5
D 240036 98352826 D240036		VOVA210034 D 210070		121 54	91 37	88 29	99 23	96 25	91 31	86 20	84 29	84 5	117 -1.08 59	105 -0.26 38	99 6 23	91 7.0 37	88 -4.9 29	79 -8 30	90 11.2 28	88 30 34			101 11.4 38	97 -4.8 26	93 -2.7 16	102 16.3 33	98 0 38	88 2 37	84 -0.70 5	91 -0.41 5	84 -0.60 5
D 240046 98363484 D240046		VOVA210034 D 200021		134 56	87 37	84 29	100 23	96 25	90 32	86 20	84 30	84 5	128 -2.00 60	106 -0.31 40	99 6 23	87 4.3 37	84 -6.0 29	70 -28 30	85 7.8 28	88 30 34			101 11.4 38	97 -4.8 26	93 -2.7 16	101 15.6 33	98 0 38	88 2 37	84 -0.70 5	91 -0.41 5	84 -0.60 5

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																														
D 240049 98363500 D240049		VOVA210034 D 200067	111 56	95 37	91 29	99 23	96 25	91 32	86 20	84 30	84 5	108 -0.35 60	104 -0.23 40	99 6 23	95 9.2 37	91 -4.0 29	86 8 30	93 13.9 28	88 30 34		101 11.4 38	97 -4.8 26	93 -2.7 16	103 16.5 34	98 0 38	88 2 37	84 -0.70 5	91 -0.41 5	84 -0.60 5	
D 240057 98363559 D240057		SB 200577 D 200065	80 54	104 33	119 28	93 26	99 25	98 31	84 20	91 29	87 12	76 2.30 59	116 -0.68 38	104 11 26	104 14.6 33	119 3.9 28	117 81 29	101 19.6 24	91 41 33		90 5.4 37	105 -11.0 25	96 -3.2 17	100 15.1 33	103 3 38	97 10 36	87 -0.38 12	93 -0.32 12	84 -0.62 12	
D 240059 98363583 D240059		VOVA210034 D 200035	115 56	93 37	89 29	99 23	96 25	91 32	86 20	84 30	84 5	112 -0.64 60	105 -0.26 40	99 6 23	93 8.3 37	89 -4.4 29	83 1 30	92 12.8 28	88 30 34		101 11.4 38	97 -4.8 26	93 -2.7 16	103 16.4 33	98 0 38	88 2 37	84 -0.70 5	91 -0.41 5	84 -0.60 5	
D 240062 98363567 D240062		VOVA210034 D 210067	120 54	92 37	88 29	99 23	96 25	91 31	86 20	84 29	84 5	116 -1.01 59	105 -0.25 38	99 6 23	92 7.2 37	88 -4.8 29	80 -6 30	90 11.4 28	88 30 34		101 11.4 38	97 -4.8 26	93 -2.7 16	102 16.3 33	98 0 38	88 2 37	84 -0.70 5	91 -0.41 5	84 -0.60 5	
D 240063 98363575 D240063		SB 200577 D 200063	81 54	103 33	118 28	93 26	99 25	98 31	84 20	91 29	87 12	78 2.14 59	115 -0.65 38	104 11 26	103 14.1 33	118 3.7 28	115 78 29	100 19.1 24	91 41 33		90 5.4 37	105 -11.0 25	96 -3.2 17	100 15.1 33	103 3 38	97 10 36	87 -0.38 12	93 -0.32 12	84 -0.62 12	
D 240064 98363617 D240064		SB 200577 D 200041	78 54	105 33	120 28	93 26	99 25	99 31	84 20	92 29	87 12	73 2.54 59	115 -0.63 38	104 11 26	105 15.3 33	120 4.2 28	119 87 29	102 20.6 24	91 41 33		90 5.4 37	105 -11.0 25	96 -3.2 17	100 15.0 33	103 3 38	97 10 36	87 -0.38 12	93 -0.32 12	84 -0.62 12	
D 240066 98363633 D240066		SB 200577 D 200032	78 54	105 33	119 28	93 26	99 25	98 31	84 20	91 29	87 12	75 2.37 59	114 -0.63 38	104 11 26	105 14.8 33	119 4.1 28	118 83 29	101 20.0 24	91 41 33		90 5.4 37	105 -11.0 25	96 -3.2 17	100 15.0 33	103 3 38	97 10 36	87 -0.38 12	93 -0.32 12	84 -0.62 12	
D 240070 98363658 D240070		SB 200577 D 200026	80 53	104 33	119 28	93 26	99 25	98 30	84 20	91 28	87 12	77 2.28 58	115 -0.66 36	104 11 26	104 14.5 33	119 3.9 28	116 81 29	101 19.6 24	91 41 33		90 5.4 37	105 -11.0 25	96 -3.2 17	100 15.0 33	103 3 38	97 10 36	87 -0.38 12	93 -0.32 12	84 -0.62 12	
D 240074 98363468 D240074		SB 200577 D 200039	83 54	103 33	118 28	93 26	99 25	98 31	84 20	91 29	87 12	79 2.12 59	117 -0.73 38	104 11 26	103 14.0 33	118 3.5 28	115 76 29	100 18.9 24	91 41 33		90 5.4 37	105 -11.0 25	96 -3.2 17	100 15.0 33	103 3 38	97 10 36	87 -0.38 12	93 -0.32 12	84 -0.62 12	
D 240075 98363781 D240075		VOVA210034 D 200064	110 56	95 37	91 29	99 23	96 25	91 32	86 20	84 30	84 5	107 -0.23 60	105 -0.25 40	99 6 23	95 9.5 37	91 -3.9 29	86 10 30	94 14.3 28	88 30 34		101 11.4 38	97 -4.8 26	93 -2.7 16	103 16.5 34	98 0 38	88 2 37	84 -0.70 5	91 -0.41 5	84 -0.60 5	
D 240112 97369078 D240112	1 	VOVA210034 D 210021	104 84	116 84	90 81	90 79	108 80	108 75	108 80	105 76	109 78	100 0.36 85	111 -0.50 81	109 18 79	116 21.2 84	90 -4.1 81	103 49 81	113 28.9 81	111 111 80	108 -48 78		122 23.8 81	102 -9.3 80	113 -6.6 79	105 17.9 82	121 13 81	110 23 81	106 1.44 78	126 1.64 78	126 1.75 78
D 240114 97369094 D240114		BOS 177663 D 180001	91 83	114 83	101 81	85 79	102 79	99 74	113 78	97 75	109 78	92 0.98 83	98 0.03 81	115 24 79	114 20.1 83	101 -1.0 81	107 59 81	116 31.6 80	117 133 80	112 -52 77		103 13.1 80	95 -3.6 79	106 -5.4 77	103 16.7 81	89 -5 80	104 17 80	127 3.51 78	50 -2.82 78	90 -0.28 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	% 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																														
D 240118 97369128 D240118		BOS 177663 D 180012		99 84	115 84	105 82	87 80	93 80	100 75	111 80	99 76	111 79	102 0.21 84	91 0.32 82	112 21 80	115 21.0 84	105 -0.1 82	113 72 82	116 31.8 82	117 132 81	113 -53 78	107 15.2 81	96 -4.2 80	86 -1.3 79	103 16.4 82	97 0 81	108 21 81	127 3.46 79	58 -2.33 79	87 -0.46 79
D 240125 97750616 D240125	1	VOVA180052 SB 180019		105 85	106 85	92 83	92 79	114 81	107 76	100 79	102 77	106 79	107 -0.25 86	92 0.28 83	107 15 79	106 15.5 85	92 -3.7 83	95 31 82	104 22.0 82	106 93 79	96 -34 78	107 15.0 80	110 -15.6 82	119 -7.8 79	104 17.1 82	113 9 80	113 26 80	104 1.29 79	115 1.01 79	116 1.22 79
D 240135 97641492 D240135		JAN 177026 D 160022		103 83	106 83	96 80	111 78	100 79	108 74	98 78	103 75	102 77	102 0.15 84	101 -0.08 81	91 -3 78	106 15.7 83	96 -2.5 80	106 56 80	102 20.7 80	103 82 78	95 -34 77	100 11.2 78	106 -12.2 79	95 -3.0 78	101 15.1 81	104 4 78	106 19 78	102 1.03 77	111 0.77 77	114 1.10 77
D 250001 98352842 D250001		VOVA210034 D 210051		121 56	91 37	88 29	99 23	96 25	91 32	86 20	84 30	84 5	117 -1.11 60	104 -0.22 40	99 6 23	91 6.9 37	88 -4.8 29	79 -8 30	90 11.1 28	88 30 34		101 11.4 38	97 -4.8 26	93 -2.7 16	102 16.3 33	98 0 38	88 2 37	84 -0.70 5	91 -0.41 5	84 -0.60 5
D 250004 98352875 D250004	1	VOVA210034 SB 220292		110 60	104 49	92 39	95 32	100 30	98 39	100 23	94 36	98 8	107 -0.24 65	105 -0.27 44	104 11 32	104 14.3 49	92 -3.7 39	94 28 40	100 19.3 34	101 74 39		121 23.0 44	98 -5.8 33	92 -2.5 20	111 21.3 38	100 1 44	100 14 43	99 0.72 8	108 0.56 7	116 1.18 7
D 250005 98352883 D250005		VOVA210034 SB 220290		114 61	101 49	72 40	100 32	98 30	88 39	89 24	82 36	90 10	111 -0.55 65	105 -0.25 45	100 7 32	101 12.7 49	72 -9.2 40	76 -14 40	99 18.3 34	96 56 39		106 14.4 44	90 0.4 32	98 -3.6 20	107 18.9 39	100 1 45	91 5 43	89 -0.21 10	102 0.23 9	102 0.41 9
D 250014 98352891 D250014		VOVA210034 D 200048		109 56	96 37	92 29	99 23	97 25	91 32	86 20	84 30	84 5	107 -0.21 60	103 -0.19 40	99 6 23	96 9.6 37	92 -3.7 29	87 12 30	94 14.4 28	88 30 34		101 11.4 38	97 -4.8 26	93 -2.7 16	103 16.9 34	98 0 38	88 2 37	84 -0.70 5	91 -0.41 5	84 -0.60 5
D 250016 98352917 D250016		VOVA210034 D 230155		121 54	91 37	88 29	99 23	97 25	91 31	86 20	84 29	84 5	117 -1.07 59	105 -0.26 38	99 6 23	91 7.0 37	88 -4.9 29	79 -8 30	90 11.2 28	88 30 34		101 11.4 38	97 -4.8 26	93 -2.7 16	103 16.9 32	98 0 38	88 2 37	84 -0.70 5	91 -0.41 5	84 -0.60 5
D 250022 98352974 D250022		VOVA210034 D 210078		114 56	93 37	90 29	99 23	96 25	91 32	86 20	84 30	84 5	112 -0.65 60	103 -0.15 40	99 6 23	93 8.3 37	90 -4.2 29	83 3 30	92 12.8 28	88 30 34		101 11.4 38	97 -4.8 26	93 -2.7 16	102 16.3 33	98 0 38	88 2 37	84 -0.70 5	91 -0.41 5	84 -0.60 5
D 250204 99049413 D250204		VOVA210034 D 220030		104 60	104 60	90 43	92 24	110 32	100 41	95 21	95 37	97 6	103 0.10 65	101 -0.10 44	107 15 24	104 14.6 60	90 -4.3 43	91 21 42	102 20.5 36	100 74 35		107 15.1 39	105 -11.7 38	111 -6.3 18	108 19.8 40	106 5 40	100 14 39	98 0.69 6	102 0.22 5	102 0.44 5
D 250216 99214397 D250216		VOVA180052 D 170008		103 62	94 62	88 49	96 14	105 34	89 42				109 -0.44 65	78 0.80 51	103 11 14	94 8.9 62	88 -4.8 49	81 -2 42	92 12.9 35	93 46 19		91 6.0 23	110 -15.0 39	116 -7.3 18	89 7.7 44	102 3 22	96 10 22			
D 250221 99214447 D250221		VOVA180052 D 220001		96 63	104 66	89 50	92 23	114 39	99 46			95 8	100 0.35 67	89 0.39 51	107 15 23	104 14.5 66	89 -4.6 50	91 20 46	101 19.7 43	97 60 29		91 5.7 32	113 -17.7 48	121 -8.2 21	101 15.3 47	95 -1 32	97 11 32	97 0.60 9	106 0.46 8	99 0.24 8

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																															
D 250222		VOVA180052		96	105	99	90	109	102				99	91	109	105	99	100		102	106		99	109	124	91	113	110			
99214454		D 200017		62	64	48	14	36	43				0.39	0.30	17	15.2	-1.6	41		20.6	95		10.5	-14.3	-8.9	9.2	9	23			
D250222													66	49	14	64	48	42		38	19		23	44	18	46	22	22			
D 250224		VOVA210034		107	99	94	93	99	92	92	87	93	105	103	106	99	94	90		97	97		108	95	95	109	107	98	92	93	88
99214470		D 220097		56	55	36	23	26	37	20	34	5	-0.06	-0.16	14	11.6	-3.2	18		16.9	60		15.5	-3.2	-3.0	20.6	6	11	0.11	-0.31	-0.40
D250224													60	40	23	55	36	38		28	34		38	26	16	36	38	37	5	5	5
D 250226		VOVA180052		94	102	96	93	108	96				101	79	106	102	96	94		98	98		95	103	121	96	107	103			
99214496		D 190006		63	65	52	14	37	44				0.26	0.77	14	13.0	-2.6	28		17.8	66		8.3	-9.9	-8.2	12.5	6	16			
D250226													66	52	14	65	52	44		39	19		23	45	20	45	22	22			
D 250231				102	90	107							103	96		90	107								82						
99764102		D 180028		43	46	22							0.09	0.12		6.6	0.7								3.4						
D250231													49	24		46	22								20						
D 250233				107									108	93											82						
99764144		D 180030		42									-0.35	0.21											3.3						
D250233													48	21											20						
D 250250		JAN 177026		111	90	93	115	106	104				115	83	88	90	93	87		88	88	85	92	111	110	97	95	89	84	105	95
99736860		D 210005		60	52	43	21	35	40				-0.92	0.62	-7	6.4	-3.4	10		9.9	29	-22	6.8	-16.1	-6.0	12.8	-2	3	-0.71	0.42	0.03
D250250													64	46	21	52	43	39		36	19	5	21	39	21	45	21	20	10	9	9
D 260004				102									104	94											81						
6020619349		D 230149		39									0.02	0.20											2.7						
D260004													45	19											10						
D 260005				107	85	100	117	78	83				109	89	85	85	100	89		83	81		88	88	86	78	93	85	71		
6020619356		D 210028		47	31	28	10	20	25				-0.41	0.36	-10	3.7	-1.4	15		6.2	1		4.2	1.9	-1.3	1.2	-3	-1	-1.99		
D260005													52	30	10	31	28	23		21	8		9	26	12	23	9	8	5		
D 260009		SB 220734		108	98	101	84	103	94				109	94	116	98	101	91		98	98		88	105	99	104	117	107	96	89	86
6020703465		D 230061		49	34	27	24	22	29				-0.40	0.17	25	10.9	-1.0	21		17.4	65		4.5	-11.4	-3.9	17.0	11	20	0.42	-0.54	-0.51
D260009													54	33	24	34	27	28		23	23		25	24	14	29	25	24	10	9	8
D 260010		SB 220734		101	102	98	84	112	99				106	84	116	102	98	92		101	100		87	115	113	102	114	108	100	98	100
6020703473		D 230028		56	46	38	25	28	36				-0.18	0.59	26	13.2	-1.9	24		19.7	74		3.5	-18.9	-6.7	15.9	10	21	0.88	-0.02	0.30
D260010													60	41	25	46	38	36		33	24		27	31	17	36	28	27	10	9	9
D 260015		IAN 222037		107	97	103	99	92	94				107	97	99	97	103	98		96	99		102	96	87	101	107	102	92	90	78
6020742877		D 230060		46	29	22	11	16	23				-0.27	0.07	6	10.1	-0.5	36		15.7	67		12.2	-4.4	-1.5	15.1	5	15	0.10	-0.48	-0.97
D260015													52	25	11	29	22	21		20	11		12	14	11	24	12	11	6	6	6
D 260019		BOS 166103		85	111	99	87	105	96	104	93	109	91	83	112	111	99	104		112	112	107	104	109	108	97	97	108	112	126	113
6020744147		D 210014		63	56	48	32	40	45	26	41	28	1.04	0.62	21	18.7	-1.8	51		28.0	116	-46	13.2	-14.6	-5.6	13.2	-1	21	2.03	1.63	1.01
D260019													67	49	32	56	48	45		48	41	8	44	45	28	47	44	43	29	26	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	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			
D 260020 6020742901 D260020		BOS 177663 SB 180019	108 66	110 60	93 55	88 39	95 39	95 48	106 26	93 44	105 32	103 0.05 69	110 -0.46 55	111 20 39	110 17.9 60	93 -3.5 55	98 37 51	110 26.8 50	111 113 46					107 15.3 49	86 3.3 47	96 -3.2 20	105 18.2 50	91 -4 50	105 19 49	121 2.88 33	55 -2.52 30	88 -0.40 30
D 260026 6020873078 D260026		VOVA180052 D 180028	106 58	91 48	103 43	95 14	108 33	98 37				111 -0.62 62	81 0.70 46	103 11 14	91 7.0 48	103 -0.7 43	90 18 35	90 10.9 35	93 47 19					91 6.1 23	109 -14.3 39	117 -7.4 18	95 11.6 42	103 3 22	96 10 22			
D 260027 6020873086 D260027		VOVA180052 SB 200104	101 65	103 58	102 51	86 28	112 40	104 45			102 12	104 -0.03 68	89 0.38 53	113 22 28	103 14.1 58	102 -0.9 51	98 37 46	101 19.8 44	105 90 30					99 10.8 34	114 -18.4 48	116 -7.2 24	101 15.2 49	102 2 34	103 16 33	106 1.47 12	107 0.54 11	110 0.88 10
D 260030 6020873110 D260030		IAN 222037 D 220033	110 53	99 43	95 34	99 13	97 26	96 32			96 6	111 -0.58 58	92 0.25 36	100 7 13	99 11.6 43	95 -2.8 34	93 26 30	98 17.3 28	101 74 15					100 10.9 16	99 -6.5 31	99 -3.8 14	97 13.0 32	104 4 16	102 15 16	97 0.55 7	99 0.04 6	92 -0.16 6
D 260031 6020873128 D260031		VOVA180052 D 220097	96 58	95 48	105 43	95 14	109 33	98 37				103 0.10 62	78 0.81 46	103 10 14	95 9.1 48	105 -0.1 43	95 31 35	93 13.5 35	93 46 19					91 6.1 23	109 -14.4 39	117 -7.4 18	98 13.8 42	103 3 22	96 10 22			
D 260033 6020873144 D260033		VOVA180052 D 200017	106 61	97 55	101 47	96 14	109 35	103 40				109 -0.39 65	88 0.43 49	102 10 14	97 10.4 55	101 -1.3 47	95 29 39	95 14.8 38	98 65 19					92 6.6 23	111 -16.1 44	122 -8.5 18	91 9.1 44	104 4 22	100 13 22			
D 260034 6020873151 D260034		VOVA180052 D 190052	86 62	99 53	108 51	96 14	110 34	100 40				95 0.78 65	77 0.85 51	102 9 14	99 11.4 53	108 0.8 51	103 49 39	97 16.3 37	92 42 19					90 5.5 23	108 -14.0 39	117 -7.5 18	100 14.8 44	101 2 22	95 8 22			
D 260037 6020873185 D260037		VOVA180052 D 160022	107 62	97 51	101 48	95 14	111 34	105 39				108 -0.35 65	93 0.21 52	102 10 14	97 10.2 51	101 -1.2 48	94 28 38	94 14.3 36	96 59 19					91 6.2 23	115 -18.9 40	118 -7.6 18	96 12.5 44	103 3 22	100 13 22			
D 260038 6020873193 D260038		VOVA180052 D 190006	97 63	97 56	97 51	97 14	108 36	97 41				104 -0.03 66	78 0.81 52	101 8 14	97 10.5 56	97 -2.2 51	92 24 40	94 14.7 39	92 45 19					90 5.5 23	105 -11.0 45	119 -8.0 20	97 12.7 44	101 2 22	96 10 22			

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																														
D 150001 89450951 D15001			96 59	83 54	101 72							105 -0.07 58	74 0.96 64		83 2.4 54	101 -1.3 72	85 6 42		82 5.5 16			100 -7.5 23	92 9.7 45							
D 150007 89451058 D15007			112 59	72 55	95 72		88 26					115 -0.88 58	87 0.46 64		72 -3.9 55	95 -2.8 72	67 -36 43		72 -2.3 18			91 -0.5 31	98 13.7 45							
D 160002 89451033 D16002			110 61	79 56	92 73		94 25					113 -0.73 60	87 0.46 66		79 0.2 56	92 -3.8 73	73 -21 43		79 2.5 20			100 -7.6 32	84 -0.9 8	103 16.9 34						
D 160021 91669382 16021			105 54	85 43	117 60		95 24					106 -0.19 53	92 0.25 58		85 3.3 43	117 3.4 60	97 35 35		84 6.8 16			98 -6.0 23	90 -2.0 5	102 16.1 43						
D 160022 91669390 16022			115 57	93 43	109 60		96 23					108 -0.33 56	116 -0.70 62		93 7.8 43	109 1.2 60	99 40 35		90 11.3 16			104 -10.9 23	98 13.6 43							
D 170003 89451066 D17003			117 59	81 51	67 68							119 -1.23 58	89 0.40 63		81 1.0 51	67 -10.8 68	55 -65 40		79 2.9 16			94 -2.9 22	89 7.7 46							
D 170008 90559618 D170008			110 56	80 43	88 60							113 -0.76 55	86 0.50 61		80 0.4 43	88 -4.7 60	70 -30 35						81 2.8 29							
D 170016 89451074 D17016			111 59	80 51	89 69							113 -0.78 58	87 0.44 64		80 0.4 51	89 -4.5 69	71 -27 40						87 6.9 42							
D 170092 90731522 D170092			117 56	89 51	104 68							113 -0.78 55	106 -0.29 60		89 5.6 51	104 -0.4 68	89 15 40		88 9.8 16				96 12.0 41							
D 180012 90731563 DSB18012			101 56	93 47	118 64							108 -0.29 55	79 0.77 61		93 8.3 47	118 3.7 64	108 62 37		94 14.2 16				95 11.5 39							
D 180027 99605792 18 0027			104 36	86 25	124 38							105 -0.07 35	95 0.16 40		86 4.3 25	124 5.3 38	104 51 21						95 11.9 32							
D 180028 99605800 18 0028			107 36	84 25	114 38							108 -0.32 35	94 0.17 40		84 3.1 25	114 2.6 38	94 28 21						95 11.7 32							

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																														
D 180029 99605818 18 0029			110 36	82 25	101 38							111 -0.62 35	93 0.24 40		82 1.5 25	101 -1.0 38	82 -1 21						95 11.7 32							
D 180030 99605826 18 0030			109 26									110 -0.49 25	92 0.26 29										95 11.5 32							
SB 180019 86906765 SB180019	SB 150638 SB 160078		115 74	104 73	98 75	92 44	104 48	106 58	98 22	101 51	100 18	109 -0.42 75	114 -0.61 72	107 15 44	104 14.6 73	98 -2.1 75	98 37 64	102 20.6 56	102 80 36			113 18.5 41	101 -8.2 56	102 -4.5 27	108 19.5 61	111 8 42	108 21 40	96 0.48 19	104 0.36 17	108 0.73 17
D 190006 90733080 190006	D 160002		93 65	94 63	102 69		90 33					98 0.49 65	87 0.47 63		94 8.9 63	102 -0.7 69	97 35 44	92 12.7 26				84 4.8 47	95 -3.0 11	99 13.9 40						
D 190025 91669341 19025			96 48	89 41	132 58							100 0.36 47	89 0.39 53		89 6.0 41	132 7.7 58	111 68 33						97 12.9 38							
D 190038 92070887 19 0038			98 48	84 41	102 58							105 -0.11 47	78 0.80 52		84 3.0 41	102 -0.7 58	86 9 33						96 12.2 38							
D 190052 92070895 19 0052			90 56	90 51	120 68							99 0.45 55	77 0.85 61		90 6.1 51	120 4.2 68	106 55 40	89 10.3 19					106 18.2 38							
D 190060 92070903 19 0060			113 53	81 46	91 64							114 -0.83 52	92 0.26 58		81 1.0 46	91 -3.9 64	75 -18 37	80 3.4 12					102 16.0 39							
D 190098 92070945 19 0098			117 51	80 34	107 50							114 -0.84 50	102 -0.14 56		80 0.3 34	107 0.5 50	84 4 28	79 2.9 12					90 8.6 39							
D 200008 90939281 20008	D 150003		112 61	85 57	106 57		90 32					106 -0.20 62	113 -0.58 57		85 3.5 57	106 0.3 57	93 25 38	84 6.6 24				111 -15.8 46	89 -1.8 11	82 3.5 39						
D 200017 90738535 D200017	D 170097		101 58	98 57	112 57							97 0.59 60	110 -0.46 53		98 11.1 57	112 1.8 57	107 59 38	96 15.7 23				97 -5.4 44		87 6.8 41						
D 200021 95422515 D200021			120 36									117 -1.06 35	104 -0.22 40										93 10.4 23							

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																														
D 200022 95422523 D200022			102 36	85 25	112 37							106 -0.14 35	88 0.44 40		85 3.5 25	112 2.1 37							96 12.5 22							
D 200026 95422564 D200026			103 27									107 -0.24 26	87 0.47 30											95 12.0 21						
D 200030 95422606 D200030			101 36									106 -0.14 35	85 0.55 40											97 13.2 22						
D 200032 95422622 D200032			101 36									106 -0.14 35	85 0.55 40											95 12.0 21						
D 200035 95422648 D200035			108 37									110 -0.46 36	91 0.28 40											95 12.0 21						
D 200039 95422689 D200039			108 36									109 -0.44 35	91 0.30 40											95 12.0 21						
D 200041 95422705 D200041			100 36									105 -0.10 35	84 0.59 40											95 12.0 21						
D 200048 95422770 D200048			102 36									106 -0.17 35	85 0.53 40											97 12.9 28						
D 200049 95422788 D200049			102 36									106 -0.16 35	85 0.53 40											97 12.9 28						
D 200055 95422796 D200055			107 36									109 -0.42 35	90 0.32 40											87 6.5 23						
D 200056 95422804 D200056			108 36									110 -0.48 35	92 0.27 39											96 12.2 28						
D 200057 95422812 D200057			103 36									107 -0.23 35	87 0.48 40											96 12.2 28						

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	
D 200059 95422838 D200059			112 36									112 -0.63 35	95 0.14 40											96 12.2 28						
D 200063 95422879 D200063			104 36									107 -0.28 35	88 0.44 40											96 12.2 28						
D 200064 95422887 D200064			104 36									108 -0.29 35	88 0.43 40											96 12.2 28						
D 200065 95422895 D200065			104 36									107 -0.27 35	87 0.44 40											96 12.2 28						
D 200066 95422903 D200066			111 36									111 -0.59 35	94 0.17 40											96 12.2 28						
D 200067 95422911 D200067			105 36									108 -0.30 35	88 0.42 40											96 12.2 28						
SB 200104 90302282 SB200104	1	BOS 166392 SB 130005	94 72	110 70	114 69	81 47	98 50	99 57	103 28	96 51	105 21	91 1.08 73	111 -0.51 68	120 29 47	110 17.9 70	114 2.5 69	111 67 62	108 24.9 50	107 99 47	106 -46 6	107 15.4 50	103 -10.0 57	87 -1.5 32	107 19.0 60	101 2 51	103 16 50	107 1.58 22	103 0.28 20	107 0.71 20	
CDM 210039 92357425 CDM210039		CDM 140035	111 53	90 55	96 49		73 25					116 -1.03 56	79 0.76 43		90 6.5 55	96 -2.6 49	87 11 35	91 11.7 30				71 15.0 39		80 2.3 36						
D 210003 91976233 210003		BA 100010 D 170008	93 65	98 55	101 60	102 39	88 43	86 48	80 32	78 45	88 28	100 0.33 67	78 0.80 59	96 2 39	98 10.7 55	101 -1.2 60	98 38 51	96 16.0 45	87 25 35	90 -29 27	81 0.1 44	109 -14.5 44	82 -0.4 30	87 6.9 54	120 13 38	99 12 37	91 -0.06 30	112 0.80 27	92 -0.15 27	
D 210005 92072412 D210005		VOVA180052 D 170091	119 65	83 64	78 58	113 14	119 43	102 46				122 -1.49 67	84 0.58 58	90 -4 14	83 2.4 64	78 -7.5 58	65 -41 45	81 4.6 42	77 -13 19		77 -1.8 23	124 -26.4 55	123 -8.7 23	99 14.4 51	84 -8 22	77 -9 22				
D 210011 92119205 D210011		VOVA180052 D 160002	102 66	90 66	89 60	105 14	111 43	95 47				109 -0.41 68	76 0.88 60	95 1 14	90 6.3 66	89 -4.6 60	80 -5 47	88 10.1 43	83 9 19		83 1.1 23	118 -21.5 56	109 -6.0 23	102 15.8 49	91 -4 22	84 -2 22				
D 210012 92119213 D210012		VOVA180052 D 150005	113 66	85 66	98 64	105 14	106 43	98 48				117 -1.06 68	85 0.55 61	94 1 14	85 3.2 66	98 -2.0 64	82 0 48	83 6.1 42	83 10 19		83 1.3 23	96 -4.4 55	117 -7.5 22	100 14.8 51	92 -3 22	85 -1 22				

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																														
D 210014 92140771 D210014		VOVA180052 D 150021	90 66	101 64	110 57	92 14	104 42	99 46				99 0.40 68	75 0.93 60	105 13 14	101 12.8 64	110 1.4 57	105 55 45	99 18.3 42	99 70 19		95 8.5 23	99 -6.7 55	115 -7.1 22	96 12.1 50	108 6 22	102 15 22				
D 210016 92140797 D210016		VOVA180052 D 150003	94 66	108 66	95 60	92 14	123 44	111 47				98 0.51 68	90 0.35 60	106 14 14	108 16.5 66	95 -2.7 60	100 41 47	104 21.8 44	101 76 19		97 9.5 23	122 -24.5 57	132 -10.4 23	102 15.8 51	108 6 22	104 17 22				
D 210018 92166164 D210018		VOVA180052 D 160022	107 67	99 64	103 57	95 14	114 43	110 46				110 -0.48 69	89 0.37 62	103 11 14	99 11.4 64	103 -0.6 57	98 37 45	96 16.2 42	98 64 19		92 6.8 23	121 -23.6 55	118 -7.7 22	97 13.1 51	104 4 22	101 14 22				
D 210020 92166180 D210020		VOVA180052 D 160001	97 65	91 64	87 58	110 14	107 43	92 46				102 0.15 67	83 0.61 58	92 -2 14	91 6.8 64	87 -5.2 58	80 -5 45	88 9.6 43	80 1 19		81 0.1 23	118 -21.4 56	107 -5.4 23	96 12.6 51	89 -5 22	82 -4 22				
D 210028 92207174 D210028		JAN 177026 D 100001	101 63	91 62	96 55	117 19	88 41	89 45		79 10		105 -0.11 65	87 0.48 54	86 -9 19	91 6.8 62	96 -2.6 55	91 20 45	89 10.4 42	84 14 16	84 -21 5	93 6.9 17	94 -3.1 51	84 -0.9 24	95 11.6 47	95 -1 17	86 0 17	77 -1.37 10	96 -0.12 9	80 -0.83 9	
D 210037 92359025 D210037		D 190052	79 48	101 51	112 36							84 1.68 52	92 0.25 33	101 12.9 51	112 1.9 36			99 18.5 24					91 8.9 26							
D 210038 92359033 D210038		D 160020	102 57	89 52	103 45		88 30					108 -0.31 59	81 0.68 50	89 5.5 52	103 -0.5 45							101 -8.2 45	88 -1.7 9	88 7.1 36						
D 210050 95422929 D210050			107 27									109 -0.40 26	90 0.33 29											95 11.7 22						
D 210051 95422937 D210051			110 36									111 -0.56 35	93 0.20 39											95 11.7 22						
D 210059 95423018 D210059			117 26									115 -0.91 25	101 -0.09 29											95 11.7 22						
D 210061 95423034 D210061			109 27									110 -0.52 26	93 0.24 30											95 11.7 22						
D 210067 95423091 D210067			111 27									111 -0.58 26	94 0.18 30											95 11.7 22						

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																													
D 210068			108									110	92											95					
95423109			26									-0.47	0.28											11.7					
D210068												25	29											22					
D 210070			111									111	95											95					
95423125			27									-0.62	0.15											11.7					
D210070												26	29											22					
D 210071			113									113	97											95					
95423133			27									-0.71	0.07											11.7					
D210071												26	30											22					
D 210076			111									112	95											93					
95423182			26									-0.63	0.14											10.4					
D210076												25	30											23					
D 210078			104									107	87											95					
95423208			36									-0.26	0.45											11.7					
D210078												35	40											22					
D 210079			109									110	92											95					
95423216			27									-0.49	0.26											11.7					
D210079												26	30											22					
D 220001	SB 180519		109	100	83	96	102	92	81	84	85	108	101	103	100	83	82	97	86		86	102	97	108	83	86	85	99	83
94863602	D 150007		64	67	63	36	44	51	25	46	16	-0.33	-0.08	11	11.8	-6.3	0	16.5	22		2.9	-8.7	-3.5	19.6	-8	0	-0.60	0.07	-0.69
220001												66	59	36	67	63	55	48	44		46	58	24	50	46	46	16	15	15
D 220003	VOVA180052		98	93	103	96	96	88				102	85	101	93	103	93	91	92		90	87	110	93	101	95			
93906006	D 180159		61	61	47	14	40	42				0.14	0.53	9	8.3	-0.7	25	11.9	41		5.4	3.0	-6.1	10.7	2	8			
22003												64	52	14	61	47	41	42	19		23	55	18	48	22	22			
D 220004	SB 170563		113	100	111	97	82	95	80	87	88	109	106	101	100	111	107	98	92	96	113	72	90	94	101	97	86	94	78
94863610	D 190008		60	61	44	27	41	44	24	40	12	-0.44	-0.29	8	12.0	1.8	59	17.3	42	-35	18.5	14.1	-2.1	10.9	2	10	-0.53	-0.23	-0.98
22004												63	49	27	61	44	44	44	35	8	39	53	23	48	40	38	13	12	11
D 220006	VOVA180052		87	99	103	101	114	103				99	67	97	99	103	101	96	88		86	114	121	99	96	91			
93906170	D 190006		67	67	59	14	44	47				0.45	1.25	3	11.3	-0.6	44	16.1	29		3.4	-18.1	-8.2	14.5	-1	5			
220006												69	59	14	67	59	47	44	19		23	58	23	50	22	22			
D 220011	VOVA180052		89	104	113	89	114	108				96	80	109	104	113	109	101	102		98	116	124	96	112	106			
93905776	D 190026		61	63	56	14	40	44				0.66	0.74	18	14.2	2.2	62	20.1	78		10.2	-20.0	-8.9	12.3	9	19			
220011												64	51	14	63	56	44	42	19		23	55	18	46	22	22			
D 220013	VOVA180052		117	88	102	109	119	116				120	84	92	88	102	90	87	85		83	128	121	98	89	85			
93906022	D 150003		65	66	60	14	41	47				-1.36	0.59	-2	5.0	-1.0	18	9.3	16		1.5	-29.5	-8.3	13.8	-5	-1			
220013												67	56	14	66	60	47	44	19		23	57	19	48	22	22			

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	ID Number Name	% 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	
D 220017 93906063 220017	VOVA180052 D 180015			103 62	92 61	95 47	101 14	101 40	91 42				107 -0.27 65	85 0.54 53	97 4 14	92 7.4 61	95 -2.8 47	86 10 41	90 11.4 42	86 21 19		85 2.7 23	97 -5.2 55	111 -6.3 18	95 11.8 48	95 -2 22	88 2 22				
D 220018 93906071 220018	VOVA180052 D 150001			93 65	91 66	84 60	110 14	112 41	93 47				104 -0.03 67	66 1.28 56	92 -2 14	91 6.6 66	84 -5.9 60	78 -11 47	89 10.4 42	80 1 19		81 0.0 23	119 -22.6 55	115 -7.1 18	97 13.2 49	89 -5 22	81 -4 22				
D 220020 93906097 220021	VOVA180052 D 160001			95 65	97 64	96 58	101 14	108 43	98 46				103 0.07 67	76 0.90 58	97 4 14	97 10.3 64	96 -2.4 58	93 26 45	95 15.3 43	86 20 19		85 2.6 23	118 -21.2 56	108 -5.7 22	96 12.5 50	95 -2 22	88 2 22				
D 220024 93917409 220024	VOVA180052 D 180004			105 65	96 64	96 57	98 14	119 42	109 46				109 -0.38 67	87 0.48 57	100 7 14	96 9.8 64	96 -2.4 57	91 21 45	94 14.5 43	89 31 19		88 4.0 23	119 -22.2 56	132 -10.5 22	97 12.8 48	98 0 22	91 5 22				
D 220026 93917151 220026	VOVA180052 D 160021			102 66	95 64	92 57	97 14	115 42	99 46				105 -0.05 68	90 0.34 58	101 9 14	95 9.4 64	92 -3.7 57	86 9 45	93 13.8 42	92 43 19		90 5.6 23	118 -21.5 55	116 -7.4 22	102 16.1 49	102 2 22	95 9 22				
D 220030 93945491 220030	VOVA180052 D 150005			98 63	96 65	105 59	95 14	114 41	105 46				105 -0.09 66	78 0.80 54	102 10 14	96 9.7 65	105 0.0 59	97 35 46	94 14.6 42	92 44 19		91 5.8 23	114 -18.5 56	122 -8.4 18	100 14.6 48	102 3 22	96 9 22				
D 220033 93968386 220033	VOVA180052 D 150002			110 66	89 64	90 53	105 14	102 41	92 45				115 -0.91 68	82 0.66 59	94 1 14	89 5.7 64	90 -4.2 53	80 -5 44	87 9.1 36	82 7 19		82 0.8 23	100 -7.3 55	111 -6.2 18	95 11.4 50	91 -4 22	83 -2 22				
D 220037 94039690 220037	VOVA180052 D 190007			98 63	98 63	98 46	99 14	106 41	98 43				102 0.15 66	87 0.46 53	99 6 14	98 10.7 63	98 -1.9 46	94 29 41	94 14.6 44	91 40 19		89 4.8 23	115 -18.9 58	121 -8.3 18	82 3.9 48	99 1 22	94 8 22				
D 220048 94114972 220048	VOVA180052 D 190112			98 63	97 62	111 49	93 14	101 40	97 43				105 -0.07 65	77 0.84 54	105 12 14	97 10.1 62	111 1.7 49	102 46 42	95 15.5 42	96 58 19		94 7.7 23	90 0.6 55	113 -6.8 18	99 14.3 48	106 5 22	100 13 22				
D 220053 95430849 220053	D 190502			98 38									100 0.32 44	94 0.20 19																	
D 220097 99141236 D 220097				98 36	86 25	116 38							103 0.08 35	84 0.58 40		86 4.3 25	116 3.1 38	98 37 21							102 16.1 28						
SB 220093 93539070 SB220093	BOS 155048 SB 140224			119 69	98 69	94 61	93 50	97 48	96 55	90 31	90 50	88 22	116 -0.98 71	104 -0.22 62	105 13 50	98 10.9 69	94 -3.0 61	90 17 60	97 17.1 52	92 43 48	92 -31 11	84 1.9 52	105 -11.4 53	80 -0.1 35	109 20.5 56	97 0 52	93 6 51	86 -0.53 22	87 -0.63 21	90 -0.29 20	

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																													
SB 220101 93550267 SB220101		SCH 150116 SB 170237	104 69	135 69	113 61	72 56	101 49	122 56	152 36	127 52	141 18	102 0.14 71	102 -0.13 63	134 46 56	135 32.6 69	113 2.4 61	128 108 62	148 56.5 48	154 267 54	134 -76 17	137 32.4 57	108 -13.7 54	96 -3.3 36	101 15.6 58	148 29 57	147 58 56	145 5.24 19	88 -0.61 17	101 0.36 17
SB 220166 93819043 SB220166	2	MS 180026 SB 130081	70 67	122 69	109 59	87 46	96 45	97 53	117 29	96 48	116 23	64 3.34 70	93 0.24 58	112 21 46	122 25.0 69	109 1.0 59	123 95 58	123 36.5 48	124 159 46	120 -61 9	111 17.3 50	101 -8.5 50	96 -3.2 31	96 12.3 53	130 19 50	123 36 49	123 3.14 24	96 -0.12 22	96 0.09 22
SB 220183 93818763 SB220183		UKJ 100182 SB 150003	75 68	125 66	114 62	78 48	99 48	102 54	122 26	102 48	125 18	75 2.37 69	107 -0.32 63	124 35 48	125 26.4 66	114 2.7 62	123 97 59	124 37.9 50	131 186 43	126 25.8 49	88 2.1 48	110 -6.0 39	101 15.4 58	140 25 50	137 49 48	123 3.13 19	86 -0.74 17	101 0.34 16	
SB 220234 93831667 SB220234		BC 181137 SB 150250	95 66	107 69	102 55	83 45	109 41	99 51	87 24	92 46	95 16	104 -0.01 69	73 1.01 55	118 28 45	107 16.1 69	102 -0.8 55	100 41 56	99 18.6 45	91 41 41	70 -5.8 45	107 -12.8 48	112 -6.4 26	103 16.6 50	91 -4 46	90 4 44	87 -0.38 17	123 1.46 15	109 0.83 15	
SB 220247 93982486 SB220247	1	SB 190590 SB 180221	79 62	113 64	110 52	77 43	102 40	93 49	123 24	94 44	113 19	81 1.91 65	100 -0.06 50	125 36 43	113 19.4 64	110 1.5 52	108 61 53	116 31.5 41	117 133 39	102 -41 5	111 17.4 44	91 -0.2 42	106 -5.4 30	107 19.1 49	133 21 44	127 39 43	108 1.64 20	83 -0.86 18	86 -0.52 18
SB 220279 93982551 SB220279	3	SB 190590 SB 190007	112 64	111 64	103 51	80 43	100 40	103 49	120 26	103 44	113 24	110 -0.49 67	102 -0.13 55	123 33 43	111 18.6 64	103 -0.6 51	102 48 53	115 30.7 38	118 138 41	104 -44 6	106 14.7 45	91 -0.7 42	99 -3.9 29	110 20.7 50	128 18 46	125 37 44	109 1.74 25	81 -1.01 23	91 -0.24 22
SB 220290 93982643 SB220290		SB 190606 SB 150127	107 65	98 66	71 54	105 45	92 39	80 50	82 26	73 45	85 16	109 -0.40 68	90 0.33 56	95 1 45	98 10.7 66	71 -9.6 54	73 -22 55	96 15.8 36	93 45 41	101 -40 5	97 9.1 47	81 7.5 39	97 -3.4 26	103 16.9 51	100 2 47	90 4 46	82 -0.89 16	95 -0.18 15	86 -0.51 15
SB 220292 93982668 SB220292		SB 200646 SB 180291	101 64	102 64	109 50	95 45	97 38	100 49	103 24	97 44	100 10	104 -0.01 67	90 0.33 53	103 10 45	102 13.2 64	109 1.2 50	107 58 53	97 17.0 36	102 81 39	127 26.4 44	97 -4.9 40	85 -1.1 26	111 21.7 48	101 2 45	108 21 43	101 0.96 11	106 0.48 10	113 1.05 10	
SB 220296 94482213 SB220296	1	SB 180519 SB 190127	111 66	116 68	90 57	86 49	101 46	104 53	97 29	99 48	107 21	107 -0.23 69	109 -0.41 57	114 23 49	116 21.6 68	90 -4.2 57	101 45 58	113 29.2 44	102 80 50	94 -33 6	97 9.5 53	104 -10.3 53	94 -2.8 32	106 18.8 52	91 -4 53	106 19 52	104 1.29 22	121 1.36 20	114 1.10 19
D 230001 95557997 230001		D 200067	105 43									107 -0.27 49	91 0.29 24										79 1.5 14						
D 230002 95558003 230002		D 200059	105 43									106 -0.14 49	96 0.09 24										79 1.5 14						
D 230004 95557989 230004		D 200063	103 43									105 -0.06 49	92 0.26 24										79 1.5 14						

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																													
D 230005 95558029 230005		D 200056	109 43									110 -0.50 48	93 0.24 24										79 1.5 14						
D 230007 95558037 230007		D 200058	101 41									102 0.14 47	94 0.20 20										74 -1.1 16						
D 230008 95558052 230008		D 200057	102 43									105 -0.05 49	92 0.28 24										79 1.5 14						
D 230009 95430856 230009		D 200065	105 43									107 -0.26 49	91 0.30 24										79 1.5 14						
D 230011 95430872 230011		D 200061	104 41									105 -0.09 47	93 0.20 20										74 -1.1 16						
D 230028 95678710 230028	VOVA180052 D 150001		103 65	87 64	97 53	105 14	110 35	98 44				112 -0.68 67	69 1.17 56	94 1 14	87 4.7 64	97 -2.3 53	84 5 44	85 7.5 42	83 10 19	83 1.2 23	114 -18.1 40	115 -7.1 18	98 13.5 48	91 -4 22	84 -1 22				
D 230032 95678751 230032	VOVA180052 D 170095		107 61	90 63	98 51	99 14	107 35	97 43				112 -0.68 64	81 0.70 49	99 6 14	90 6.5 63	98 -1.8 51	87 11 43	88 9.4 43	89 31 19	88 4.0 23	109 -14.5 39	116 -7.4 18	93 10.4 47	98 0 22	91 5 22				
D 230039 95801056 230039	VOVA180052 D 180004		114 60	86 62	93 50	109 14	114 35	105 42				118 -1.15 63	82 0.65 48	93 -1 14	86 4.2 62	93 -3.3 50	80 -4 42	85 7.3 43	80 0 19	80 -0.1 23	117 -20.8 42	120 -8.1 18	97 13.2 46	88 -5 22	81 -5 22				
D 230040 95801064 230040	VOVA180052 D 160002		103 63	91 64	92 54	102 14	111 36	97 44				109 -0.41 66	79 0.76 53	97 3 14	91 6.7 64	92 -3.7 54	83 1 44	88 9.8 43	85 16 19	84 2.1 23	112 -16.8 42	115 -7.0 19	102 16.0 46	93 -2 22	86 0 22				
D 230041 95801072 230041	VOVA180052 D 150006		103 61	93 63	110 50	93 14	109 35	102 42				107 -0.28 64	86 0.50 50	104 12 14	93 8.3 63	110 1.3 50	97 36 42	92 12.9 42	96 57 19	94 7.5 23	107 -12.8 39	118 -7.7 18	97 12.9 48	106 5 22	100 13 22				
D 230045 95801106 230045	VOVA180052 D 170091		118 61	81 62	80 51	116 14	113 35	99 42				121 -1.38 64	85 0.55 50	87 -8 14	81 1.4 62	80 -7.0 51	65 -40 42	80 3.6 36	73 -27 19	74 -3.6 23	119 -22.1 40	115 -7.1 18	100 14.7 48	80 -10 22	73 -13 22				
D 230048 95952891 230048	JAN 177026 D 190060		104 61	88 59	103 46	119 19	95 30	99 41		75 10		108 -0.34 64	84 0.56 51	83 -12 19	88 5.3 59	103 -0.6 46	95 31 41	87 9.0 30	80 1 16	79 -17 5	90 5.2 17	98 -6.1 28	90 -2.1 18	102 16.3 44	91 -4 17	82 -4 17	74 -1.67 10	95 -0.16 9	79 -0.90 9

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																													
D 230049 98856875 D 230049			107 26									109 -0.40 25	90 0.34 28											101 15.7 15					
D 230050 98856867 D 230050			111 26									112 -0.63 25	95 0.14 28											101 15.7 15					
D 230055 96106976 230054	JAN 177026 D 170097		107 58	97 47	98 46	102 19	96 31	96 38			94 10	107 -0.25 62	96 0.10 46	97 3	97 10.4 47	98 -1.8 46	95 31 37	96 15.7 32	98 64 16	96 -35 5	101 11.6 17	99 -6.6 30	97 -3.4 18	97 13.1 45	106 5 17	100 14 17	93 0.18 10	101 0.16 9	95 0.02 9
D 230060 99605834 23 0060			107 26									109 -0.41 25	90 0.32 29											101 15.7 15					
D 230061 99605842 23 0061			109 26									110 -0.53 25	93 0.23 28											101 15.7 15					
D 230063 99605867 23 0063			108 26									110 -0.47 25	92 0.27 28											101 15.7 15					
D 230102 96892211 230102	CR 170085 D 200045		88 54	119 42	101 33	77 23	97 27	94 33	115 22	93 31	117 5	90 1.13 58	95 0.13 38	126 37 23	119 23.2 42	101 -1.1 33	107 59 33	120 34.3 38	118 136 36		118 21.6 42	93 -2.1 28	99 -3.9 14	102 15.8 39	113 9 40	113 26 39	115 2.36 5	88 -0.59 5	
D 230103 96892187 230103	CR 170085 D 200032		81 55	121 42	104 33	77 23	99 27	95 34	115 22	94 32	117 5	86 1.53 59	92 0.25 40	126 37 23	121 24.5 42	104 -0.4 33	111 68 33	122 35.9 38	118 136 36		118 21.6 42	93 -2.1 28	99 -3.9 14	105 17.9 38	113 9 40	113 26 39	115 2.36 5	88 -0.59 5	
D 230105 96892203 230105	SB 180604 D 200041		96 58	105 46	104 40	94 36	99 35	98 40	105 24	95 37	100 15	105 -0.09 61	72 1.04 46	104 12 36	105 14.8 46	104 -0.4 40	104 52 41	109 25.9 34	107 99 40	109 -48 7	99 10.3 43	105 -11.1 37	99 -3.9 25	97 13.0 42	120 13 43	107 20 42	99 0.76 16	86 -0.73 14	72 -1.32 14
D 230109 96902374 230109	CR 170085 D 200043		83 54	121 42	103 33	77 23	97 27	94 33	115 22	93 31	117 5	86 1.47 58	95 0.15 38	126 37 23	121 24.2 42	103 -0.7 33	110 66 33	121 35.6 38	118 136 36		118 21.6 42	93 -2.1 28	99 -3.9 14	102 15.8 39	113 9 40	113 26 39	115 2.36 5	88 -0.59 5	
D 230110 96902440 230110	SB 180604 D 200022		92 58	108 59	105 45	92 36	100 35	100 44	107 24	97 40	103 15	101 0.27 61	76 0.90 46	106 14 36	108 16.9 59	105 0.0 45	108 62 47	112 28.4 34	109 107 40	111 -51 7	100 11.4 43	103 -9.7 37	100 -4.2 25	99 14.1 44	122 14 43	110 23 42	101 0.96 16	86 -0.70 14	72 -1.27 14
D 230111 96902408 230111	CR 170085 D 200039		89 55	119 42	101 33	77 23	99 27	95 34	115 22	94 32	117 5	92 1.00 59	94 0.19 40	126 37 23	119 22.9 42	101 -1.1 33	107 58 33	119 34.0 38	118 136 36		118 21.6 42	93 -2.1 28	99 -3.9 14	105 17.9 38	113 9 40	113 26 39	115 2.36 5	88 -0.59 5	

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																														
D 230112		SB 180604		94	106	104	94	98	97	105	94	100	102	75	104	106	104	106	110	107	109	99	105	99	94	120	107	99	86	72
96892195		D 200036		56	46	40	36	35	39	24	36	15	0.17	0.93	12	15.5	-0.3	56	26.7	99	-48	10.3	-11.1	-3.9	10.9	13	20	0.76	-0.73	-1.32
230112													60	44	36	46	40	41	34	40	7	43	37	25	43	43	42	16	14	14
D 230120		SB 180604		97	104	103	94	100	98	105	95	100	105	73	104	104	103	104	109	107	109	99	105	99	98	120	107	99	86	72
96902432		D 200048		58	46	40	36	35	40	24	37	15	-0.11	1.00	12	14.7	-0.5	51	25.7	99	-48	10.3	-11.1	-3.9	13.4	13	20	0.76	-0.73	-1.32
230120													61	46	36	46	40	41	34	40	7	43	37	25	43	43	42	16	14	14
D 230123		SB 180604		98	104	102	94	98	97	105	94	100	106	76	104	104	102	103	108	107	109	99	105	99	94	120	107	99	86	72
96902465		D 200034		56	46	40	36	35	39	24	36	15	-0.17	0.91	12	14.5	-0.7	49	25.4	99	-48	10.3	-11.1	-3.9	10.9	13	20	0.76	-0.73	-1.32
230123													60	44	36	46	40	41	34	40	7	43	37	25	43	43	42	16	14	14
D 230125		CR 170085		86	120	102	77	97	94	115	93	117	88	95	126	120	102	109	121	118		118	93	99	102	113	113	115	88	
96902416		D 200042		54	42	33	23	27	33	22	31	5	1.30	0.14	37	23.7	-0.9	62	35.0	136		21.6	-2.1	-3.9	15.8	9	26	2.36	-0.59	
230125													58	38	23	42	33	33	38	36		42	28	14	39	40	39	5	5	
D 230128		SB 180604		97	104	103	94	100	98	105	95	100	105	73	104	104	103	104	109	107	109	99	105	99	98	120	107	99	86	72
96892237		D 200049		58	46	40	36	35	40	24	37	15	-0.11	1.01	12	14.7	-0.4	51	25.7	99	-48	10.3	-11.1	-3.9	13.4	13	20	0.76	-0.73	-1.32
230128													61	46	36	46	40	41	34	40	7	43	37	25	43	43	42	16	14	14
D 230132		CR 170085		83	121	103	77	97	94	115	93	117	86	95	126	121	103	110	121	118		118	93	99	102	113	113	115	88	
96902481		D 200037		54	42	33	23	27	33	22	31	5	1.47	0.15	37	24.2	-0.7	66	35.6	136		21.6	-2.1	-3.9	15.8	9	26	2.36	-0.59	
230132													58	38	23	42	33	33	38	36		42	28	14	39	40	39	5	5	
D 230136				110									111	94										99						
96999032				26									-0.57	0.19										14.2						
23 0136													25	29										15						
D 230141				108									110	92										97						
96999081				26									-0.48	0.27										12.8						
23 0141													25	29										15						
D 230142				110									111	94										97						
96999099				26									-0.56	0.20										12.8						
23 0142													25	29										15						
D 230148				102									106	86										97						
96998950				26									-0.20	0.50										12.8						
23 0148													25	29										15						
D 230149				106									108	89										100						
96998976				25									-0.36	0.36										14.6						
23 0149													24	28										21						
D 230150		CR 170085		83	121	103	79	99	96	113	94	114	86	95	124	121	103	111	121	115		116	93	99	105	110	110	113	88	
96892146		D 200024		54	56	39	23	28	38	22	35	5	1.48	0.15	34	24.2	-0.7	68	35.6	126		20.3	-2.2	-3.9	17.7	7	23	2.08	-0.62	
230150													58	38	23	56	39	39	38	36		42	28	14	41	40	39	5	5	

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																															
D 230151		SB 180604 D 200029	89 56	113 59	108 45	88 36	98 36	100 43	112 24	98 39	109 15	98 0.49 60	76 0.91 44	111 20 36	113 19.7 59	108 0.8 45	113 73 47		117 31.9 34	116 129 40	117 -58 7	106 14.3 43	100 -7.8 37	102 -4.6 25	96 12.0 45	129 18 43	117 30 42	107 1.54 16	87 -0.63 14	75 -1.12 14	
D 230152		96998992 23 0152	99 26									105 -0.06 25	83 0.62 29											97 12.8 15							
D 230154		96999016 23 0154	109 26									110 -0.53 25	93 0.23 29												97 12.8 15						
D 230155		96999107 23 0155	111 26									111 -0.61 25	95 0.15 29												97 12.8 15						
D 230158		96999156 23 0158	107 26									109 -0.44 25	91 0.30 29																		
D 230300		99605875 23 0300	110 26									111 -0.58 25	94 0.18 29												103 16.8 16						
D 230301		99605883 23 0301	114 26									113 -0.73 25	97 0.05 29												103 16.8 16						
D 230302		99605891 23 0302	107 26									109 -0.42 25	91 0.32 29												95 11.8 16						
D 230303		99605909 23 0303	104 26									107 -0.27 25	87 0.44 29												103 16.8 16						
SB 230027	1	SB 180519 SB 150298	107 68	107 68	81 59	91 49	109 45	97 54	81 28	89 49	85 22	111 -0.59 70	85 0.55 62	109 18 49	107 15.9 68	81 -6.7 59	86 9 59		106 23.7 44	87 24 50	89 -27 5	77 -2.2 53	104 -10.5 51	106 -5.2 30	111 21.8 53	78 -11 53	81 -5 52	83 -0.79 23	113 0.86 21	99 0.26 20	
SB 230116	4	SB 210501 SB 190040	134 63	106 66	90 52	94 46	111 39	118 50	117 29	116 46	110 18	127 -1.86 67	127 -1.13 51	104 12 46	106 15.4 66	90 -4.2 52	94 28 55		116 31.5 42	116 132 44	108 -48 9	114 18.9 49	113 -17.7 44	107 -5.5 27	107 19.0 47	120 13 50	116 28 48	103 1.18 19	112 0.82 17	92 -0.18 17	
SB 230119		SB 210525 SB 140043	106 65	101 68	95 55	84 44	105 39	94 51	100 26	90 46	99 16	116 -1.00 69	67 1.24 53	117 27 44	101 12.7 68	95 -2.7 55	89 16 56		101 20.0 46	112 114 42	107 -47 5	110 16.7 48	95 -3.9 45	113 -6.7 25	103 16.6 46	92 -3 49	100 14 47	97 0.58 16	93 -0.30 15	98 0.20 14	

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																													
SB 230128 95602850 SB230128	1	SB 210501 SB 190213	87 63	117 66	94 52	82 45	118 39	106 49	113 28	104 45	111 16	92 1.00 67	89 0.37 51	119 29 45	117 22.2 66	94 -3.2 52	103 49 54	123 36.5 42	116 131 44	112 -52 7	111 17.4 48	125 -26.8 44	112 -6.5 27	107 19.4 47	116 11 49	115 28 48	114 2.22 16	96 -0.12 15	95 -0.02 14
SB 230153 95602926 SB230153	1	SB 210511 SB 210123	102 60	114 64	112 44	85 36	99 33	109 44	110 28	106 41	115 12	102 0.14 65	98 0.04 44	114 24 36	114 20.4 64	112 1.9 44	116 80 48	119 33.9 39	119 141 43	118 -59 9	113 18.8 47	101 -8.0 39	98 -3.6 18	102 16.0 42	116 11 48	115 28 46	113 2.10 12	95 -0.17 11	99 0.22 11
SB 230161 95603007 SB230161	1	SB 210511 SB 210091	77 62	127 64	110 45	78 37	106 36	107 46	122 30	107 43	128 14	84 1.67 66	85 0.52 47	124 34 37	127 27.8 64	110 1.4 45	122 95 49	131 42.8 40	133 192 45	127 -69 10	122 23.4 49	104 -11.0 41	105 -5.0 23	106 18.4 44	128 17 50	132 44 48	130 3.80 15	98 0.01 14	102 0.44 13
SB 230163 95603015 SB230163		SB 210506 SB 210130	83 60	116 63	101 46	100 41	95 35	100 46	94 24	94 42	101 14	88 1.30 64	88 0.42 45	98 5 41	116 21.3 63	101 -1.1 46	117 82 50	110 27.1 40	97 61 39	92 -30 6	105 14.1 43	87 2.8 39	97 -3.5 23	103 16.7 43	114 9 44	110 23 42	101 0.92 14	100 0.11 13	100 0.27 13
SB 230178 95603122 SB230178	5	SB 210506 SB 210196	82 61	115 64	101 46	92 43	98 36	97 47	100 27	93 43	106 16	90 1.16 65	81 0.68 47	106 14 43	115 20.9 64	101 -1.0 46	113 72 51	110 27.1 42	105 89 42	100 -39 8	109 16.3 46	99 -6.5 40	95 -3.0 25	104 17.2 44	119 12 47	114 27 45	115 2.37 17	94 -0.27 16	92 -0.14 16
SB 230180 95672994 SB230180		SB 190655 SB 200152	126 65	88 68	118 55	112 43	100 40	118 51	95 26	111 46	90 16	123 -1.59 68	100 -0.04 55	89 -5 43	88 5.2 68	118 3.7 55	106 55 55	90 11.3 48	97 61 44	92 -31 5	69 -6.4 49	100 -7.2 46	92 -2.5 24	108 19.9 49	80 -10 49	90 4 48	92 0.06 17	94 -0.22 16	92 -0.19 15
SB 230181 95673000 SB230181	1	SB 180519 SB 170043	105 68	115 69	88 59	91 52	111 47	110 55	103 31	105 50	107 22	100 0.31 70	113 -0.59 59	108 16 52	115 20.9 69	88 -4.7 59	101 45 60	116 31.3 47	110 108 51	110 -50 9	110 17.1 53	108 -13.6 54	103 -4.6 34	116 24.4 53	105 4 54	106 19 53	105 1.33 23	114 0.92 21	94 -0.02 21
SB 230184 95694261 SB230184		BOS 166563 SB 120005	103 64	84 68	104 56	123 39	99 36	100 49	75 22	91 44	72 12	104 0.01 67	96 0.12 53	78 -18 39	84 2.8 68	104 -0.4 56	93 26 54	82 5.4 44	75 -19 37		86 2.9 41	105 -11.8 34	99 -3.9 21	95 11.4 52	71 -15 42	75 -11 41	70 -2.12 13	94 -0.23 12	86 -0.50 11
SB 230188 95673059 SB230188		BOS 155048 SB 140157	116 68	105 69	78 62	86 53	93 47	84 55	89 32	78 50	91 26	120 -1.34 70	81 0.68 61	116 25 53	105 14.8 69	78 -7.7 62	79 -6 61	105 23.0 50	93 46 48	94 -32 13	82 1.0 51	110 -15.3 51	71 1.9 35	108 19.7 56	98 0 51	98 11 50	95 0.34 27	82 -0.97 26	89 -0.36 25
SB 230205 95603288 SB230205		SB 210525 SB 180102	130 66	104 67	89 53	95 44	103 39	109 50	106 25	105 45	105 12	126 -1.79 69	104 -0.21 55	104 12 44	104 14.3 67	89 -4.5 53	92 22 55	103 21.3 44	113 120 42		134 30.7 47	100 -7.1 44	107 -5.5 25	100 15.0 48	93 -3 48	106 19 46	106 1.47 12	95 -0.20 11	97 0.11 11
SB 230212 95603338 SB230212	1	SB 180519 SB 170197	106 67	112 69	84 59	102 50	111 45	112 54	91 30	105 49	96 24	102 0.18 69	110 -0.44 58	97 4 50	112 19.3 69	84 -5.8 59	100 42 59	112 28.2 45	99 67 50	95 -34 7	96 9.1 52	105 -11.5 52	109 -5.9 32	112 22.2 52	86 -7 52	95 8 52	92 0.03 25	116 1.04 23	106 0.62 22
SB 230229 95672788 SB230229	1	SB 210514 SB 190016	87 61	115 64	116 48	83 42	103 38	107 47	119 26	106 43	121 17	88 1.31 65	99 -0.01 47	116 26 42	115 21.0 64	116 2.9 48	119 87 51	118 32.6 44	128 175 41	128 -70 5	117 20.9 46	88 2.1 40	109 -5.8 28	110 21.0 45	116 11 47	118 31 45	117 2.49 18	98 0.01 16	95 0.00 16

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																														
SB 230233		BOS 166563	110	81	95	126	106	104	80	95	73	116	76	75	81	95	83		79	77	63	92	112	106	99	77	75	69	104	89
95672820		SB 170198	64	67	54	46	41	51	28	46	20	-1.00	0.90	-21	1.3	-2.7	3		2.8	-12	1	6.5	-16.8	-5.3	14.1	-12	-10	-2.20	0.36	-0.32
SB230233												68	52	46	67	54	56		42	44	7	48	44	28	52	49	47	21	20	19
SB 230237	2	SB 210506	120	106	97	92	98	105	101	101	99	119	96	106	106	97	99		106	101	98	100	105	88	105	115	107	98	94	87
95879573		SB 210195	61	63	46	40	36	46	26	42	16	-1.25	0.10	14	15.4	-2.2	41		23.7	77	-37	11.1	-11.2	-1.7	17.8	10	20	0.70	-0.27	-0.42
SB230237												65	46	40	63	46	50		41	42	7	47	40	25	44	47	46	17	16	16
SB 230239	4	MS 180026	74	105	100	90	96	81	85	75	91	81	85	109	105	100	100		104	91	86	94	98	94	99	106	101	102	98	89
95879599		SB 170085	66	68	57	50	45	53	31	49	24	1.89	0.55	17	15.3	-1.5	42		22.0	40	-24	7.8	-5.9	-2.9	14.4	5	14	1.06	0.01	-0.31
SB230239												69	56	50	68	57	58		52	47	12	51	51	32	53	51	50	25	23	23
SB 230241	1	SB 210506	118	104	106	92	105	113	99	107	101	125	73	106	104	106	104		105	105	101	106	97	106	109	112	107	105	93	86
95879607		SB 210225	63	63	45	42	36	46	28	42	16	-1.73	1.03	14	14.4	0.2	53		22.7	89	-40	14.7	-4.8	-5.3	20.4	8	20	1.31	-0.32	-0.52
SB230241												66	51	42	63	45	50		42	41	10	45	38	25	45	46	44	16	15	15
SB 230243		RG 160132	97	96	53	103	107	73	93	69	82	91	119	97	96	53	55		96	92	85	108	107	113	98	96	88	76	100	86
95879623		SB 160002	67	67	59	51	45	54	26	48	19	1.06	-0.80	4	9.6	-14.6	-63		15.7	41	-22	15.8	-13.3	-6.7	13.4	-1	2	-1.56	0.12	-0.50
SB230243												69	58	51	67	59	59		48	44	5	47	49	33	54	48	47	20	18	18
SB 230245	1	RG 160132	69	111	91	68	103	71	111	71	105	66	92	141	111	91	87		113	110	96	131	95	108	103	123	118	96	105	99
95879649		SB 140009	68	69	61	55	48	56	29	51	18	3.19	0.26	54	18.2	-3.9	12		29.1	109	-35	28.8	-3.6	-5.8	16.6	15	30	0.50	0.42	0.23
SB230245												70	60	55	69	61	62		54	49	5	53	53	36	56	54	52	19	17	17
SB 230246	2	SB 210613	77	107	100	100	101	94	98	90	95	84	87	98	107	100	107		111	102	99	105	101	98	105	108	102	89	91	82
95879656		SB 210087	59	62	47	41	37	46	24	42	18	1.70	0.45	5	16.3	-1.5	58		27.3	80	-37	14.2	-8.2	-3.6	18.2	6	15	-0.19	-0.41	-0.74
SB230246												63	46	41	62	47	50		42	40	6	44	40	26	44	44	43	19	18	17
SB 230247	4	SB 210613	105	108	103	100	101	109	116	108	110	100	112	98	108	103	110		115	121	115	107	103	92	108	115	113	111	93	94
95879664		SB 210249	59	59	45	41	34	44	24	40	14	0.30	-0.52	5	16.9	-0.7	66		30.6	147	-55	15.1	-9.6	-2.5	19.7	10	26	1.92	-0.28	-0.02
SB230247												63	44	41	59	45	48		33	39	6	43	38	22	42	44	43	15	13	13
SB 230251	1	SB 210554	78	112	107	83	109	98	116	97	116	89	71	118	112	107	108		116	125	122	125	110	106	107	121	118	118	98	99
95879672		SB 180086	61	64	50	44	40	48	28	44	24	1.25	1.07	28	19.1	0.5	61		31.2	161	-63	25.3	-15.0	-5.2	18.9	13	31	2.65	-0.01	0.24
SB230251												64	49	44	64	50	53		44	46	7	51	42	31	46	52	50	25	23	23
SB 230252		BC 191068	90	118	93	77	98	90	105	87	108	96	82	127	118	93	100		120	107	97	141	94	103	100	114	110	106	113	107
96537576		SB 180106	64	67	53	43	40	50	28	46	14	0.64	0.65	38	22.7	-3.4	43		34.8	97	-36	34.6	-2.9	-4.6	14.6	9	23	1.40	0.85	0.70
SB230252												68	52	43	67	53	54		50	44	8	49	44	26	50	49	48	14	13	13
SB 230258		BC 191068	90	108	114	92	97	101	104	97	103	103	53	106	108	114	115		115	107	99	131	93	98	101	123	112	96	116	108
95672879		SB 180100	64	68	53	46	43	51	28	46	22	0.08	1.80	14	16.7	2.5	79		30.6	97	-38	28.7	-2.4	-3.7	15.4	15	25	0.41	1.06	0.77
SB230258												68	52	46	68	53	56		52	45	9	49	48	30	52	49	48	23	22	21
SB 230259		SB 200549	91	102	108	84	93	86	89	80	93	99	78	116	102	108	100		98	93	86	116	94	79	111	107	100	91	92	96
95672887		SB 160153	62	65	51	41	40	48	30	44	27	0.39	0.83	26	13.4	0.9	43		17.5	48	-24	20.2	-2.5	0.1	21.7	6	13	-0.01	-0.34	0.08
SB230259												66	50	41	65	51	52		46	45	10	50	43	30	48	50	49	28	26	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																													
SB 230262		SB 210528	77	114	134	69	92	94	116	94	124	84	84	137	114	134	122	115	133	137	114	78	94	108	120	122	124	94	94
95672903		SB 180121	60	63	45	39	33	45	25	41	12	1.63	0.57	49	20.3	8.0	93	30.9	193	-80	18.9	9.6	-2.8	19.5	13	34	3.22	-0.21	-0.04
SB230262												64	44	39	63	45	49	38	40	5	45	35	22	42	46	44	13	12	12
SB 230263		BC 191068	106	110	126	93	106	126	105	120	110	109	87	104	110	126	129	116	108	105	132	102	113	100	119	113	102	120	102
95672911		SB 180255	64	67	53	43	40	50	28	46	16	-0.45	0.47	11	18.0	6.0	111	31.8	101	-44	29.3	-8.9	-6.7	15.1	13	26	1.07	1.26	0.39
SB230263												68	52	43	67	53	54	49	43	10	48	44	25	50	48	47	16	15	14
SB 230266	1	SB 210525	132	91	89	111	109	112	106	108	97	124	113	92	91	89	82	93	108	105	123	106	108	107	87	93	95	96	81
95672929		SB 190036	64	67	52	44	38	49	26	44	18	-1.69	-0.56	-3	6.8	-4.6	0	13.6	102	-44	24.3	-11.8	-5.7	19.4	-6	7	0.39	-0.12	-0.79
SB230266												68	52	44	67	52	54	42	42	6	47	44	25	46	47	46	19	18	17
SB 230269		SCH 150178	125	84	80	94	118	94	93	89	82	117	114	106	84	80	63	89	95	90	99	123	120	102	85	82	92	83	88
95815510		FXF 110045	68	69	61	51	47	55	29	50	18	-1.10	-0.60	14	2.7	-7.1	-46	10.2	53	-28	10.7	-25.1	-8.0	16.0	-7	-4	0.08	-0.86	-0.37
SB230269												70	59	51	69	61	60	47	49	5	53	50	34	56	54	52	19	17	17
SB 230270		BC 181137	100	99	102	84	103	91	90	85	89	110	70	116	99	102	92	95	91		91	100	104	103	98	89	81	106	95
95672937		SB 150041	66	69	55	38	42	51	26	46	16	-0.46	1.12	26	11.5	-1.0	23	15.0	38		6.1	-7.6	-4.8	16.9	0	3	-1.05	0.45	0.01
SB230270												69	55	38	69	55	54	50	43		48	48	27	51	48	47	17	16	15
SB 230274	1	SB 180519	129	108	63	94	113	103	97	98	100	125	102	107	108	63	74	108	100	99	101	107	112	111	100	98	96	120	97
95962551		SB 180196	67	69	59	52	47	55	32	50	23	-1.75	-0.14	15	16.6	-11.7	-19	24.9	73	-38	11.5	-12.8	-6.5	21.7	1	11	0.45	1.28	0.15
SB230274												69	59	52	69	59	60	47	51	9	54	54	33	53	54	53	24	22	22
SB 230277		SB 210513	90	116	88	86	103	94	113	93	119	96	85	115	116	88	99	115	128		117	96	104	107	123	123	119	92	100
95673067		SB 180202	59	61	45	36	32	44	24	40	16	0.69	0.54	25	21.6	-4.7	40	31.0	174		20.7	-4.2	-4.8	19.2	15	36	2.70	-0.37	0.27
SB230277												63	44	36	61	45	47	37	40		46	33	20	42	47	45	17	15	15
SB 230279		SB 210554	125	89	90	92	101	92	103	89	101	137	92	107	89	90	76	90	110		110	98	96	110	110	111	105	85	83
95879680		SB 180117	60	63	48	37	36	46	24	42	10	-2.74	0.28	15	5.8	-4.2	-14	11.6	108		17.1	-5.7	-3.2	21.3	7	24	1.37	-0.77	-0.68
SB230279												64	47	37	63	48	49	40	39		44	39	24	44	44	43	11	10	10
SB 230281		BOS 199109	98	105	76	109	100	93	106	90	102	100	143	93	105	76	86	106	108	100	96	81	102	114	90	98	107	92	104
95879706		SB 190011	62	66	50	41	40	48	26	44	18	0.34	-1.77	-1	15.2	-8.2	10	23.9	103	-40	8.7	7.7	-4.5	23.4	-5	12	1.53	-0.38	0.54
SB230281												66	48	41	66	50	52	44	39	8	43	44	28	47	44	42	19	17	16
SB 230284		SB 210513	104	104	84	93	95	86	101	83	102	103	99	107	104	84	87	102	110		111	85	95	109	112	110	102	96	96
95879730		SB 190130	59	62	46	40	33	45	22	40	12	0.07	-0.03	15	14.4	-5.9	10	20.5	107		17.2	4.4	-3.0	20.6	8	23	1.02	-0.13	0.08
SB230284												63	44	40	62	46	49	38	37		42	35	22	43	42	41	12	11	11
SB 230286		SB 210528	109	96	90	104	92	90	92	85	93	106	108	95	96	90	88	93	101	107	103	90	87	106	91	88	96	92	86
95879755		SB 180109	61	64	47	39	35	46	24	42	12	-0.14	-0.36	1	10.0	-4.3	13	13.3	76	-46	12.7	0.5	-1.4	18.3	-4	2	0.45	-0.38	-0.51
SB230286												65	46	39	64	47	50	41	38	5	44	36	23	45	44	43	12	11	11
SB 230288		RG 180115	110	98	130	94	97	113	107	109	102	106	107	103	98	130	120	98	112		96	96	101	97	103	100	102	100	103
98262223		FXF 100210	67	61	58	49	44	52	27	47	16	-0.16	-0.34	10	11.1	6.9	88	17.5	117		9.0	-4.3	-4.2	13.1	3	13	1.06	0.13	0.48
SB230288												70	58	49	61	58	56	46	46		51	49	30	52	52	50	18	15	15

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																													
SB 230290 95879789 SB230290	6	SB 210536 SB 130022	85 60	92 63	98 50	89 43	111 37	84 47	78 28	77 43	79 27	90 1.12 63	87 0.48 48	110 19 43	92 7.5 63	98 -2.0 50	84 5 52	89 10.2 42	79 -4 43	69 -5 10	102 12.1 48	111 -16.0 38	110 -6.1 29	106 18.5 45	103 3 49	90 4 47	73 -1.78 28	113 0.87 26	87 -0.45 26
SB 230292 95879805 SB230292		BC 191068 SB 180095	77 64	117 67	118 53	80 42	100 42	100 50	117 28	99 46	117 22	91 1.08 68	55 1.72 52	121 31 42	117 21.7 67	118 3.8 53	120 90 54	120 34.8 52	120 146 44	114 -55 8	134 30.6 48	95 -3.6 46	107 -5.4 28	99 13.9 51	138 23 48	122 35 47	105 1.35 23	120 1.27 21	115 1.13 20
SB 230293 95961272 SB230293		BOS 166286 BOS 100024	87 66	101 68	95 59	101 46	103 45	93 53	86 28	86 48	84 18	87 1.43 69	134 -1.40 56	97 4 46	101 12.9 68	95 -2.9 59	96 34 58	96 16.0 46	84 15 44	67 -3 9	85 2.5 48	112 -16.9 48	100 -4.0 31	98 13.6 55	94 -2 49	95 9 47	85 -0.66 20	102 0.20 17	99 0.22 17
SB 230295 95879821 SB230295	1	BOS 199277 SB 180002	105 61	112 65	80 51	88 40	100 40	92 48	109 22	90 43	111 23	105 -0.10 65	97 0.07 48	113 21 40	112 18.9 65	80 -7.0 51	89 17 52	111 27.6 46	114 124 36	113 -53 5	101 11.4 38	101 -8.3 42	95 -3.1 31	105 18.0 48	99 1 39	104 17 38	110 1.85 24	105 0.40 22	114 1.08 21
SB 230296 95879839 SB230296		BOS 199277 SB 180155	84 60	114 65	86 50	88 42	99 40	86 48	96 23	82 43	101 24	85 1.56 64	99 -0.03 46	113 22 42	114 20.1 65	86 -5.5 50	96 32 52	110 26.7 45	102 79 35	96 -34 9	109 16.4 37	84 5.2 42	111 -6.3 31	103 16.3 48	96 -1 37	99 13 36	99 0.74 24	100 0.09 23	108 0.76 22
SB 230301 95948287 SB230301	2	SB 210525 SB 180004	101 64	111 67	80 53	79 46	109 42	91 51	102 28	88 46	105 24	105 -0.08 68	88 0.42 50	126 36 46	111 18.7 67	80 -7.0 53	85 6 55	105 23.3 46	113 118 45	108 -47 9	138 32.7 48	105 -11.4 46	114 -6.9 31	103 16.5 48	91 -4 49	100 13 48	109 1.72 25	99 0.03 24	105 0.58 23
SB 230303 95948303 SB230303	2	SB 180519 SB 190128	116 66	112 67	81 56	93 49	104 45	103 53	91 28	97 48	97 17	108 -0.34 69	118 -0.77 57	107 15 49	112 19.1 67	81 -6.8 56	93 24 57	106 23.6 46	96 56 49	94 -33 5	96 9.0 52	95 -3.9 53	101 -4.2 30	112 22.1 52	87 -6 52	95 9 51	96 0.49 18	113 0.85 16	103 0.46 16
SB 230305 95948329 SB230305	1	SB 210583 SB 190132	107 59	112 60	109 47	85 34	108 31	114 43	119 24	113 39	114 12	102 0.16 63	125 -1.06 46	115 24 34	112 19.1 60	109 1.0 47	111 68 47	117 32.1 36	128 174 38	126 -68 7	116 20.4 43	108 -13.4 30	103 -4.6 19	111 21.4 43	131 20 43	123 35 42	113 2.15 13	90 -0.49 11	86 -0.50 11
SB 230306 95948337 SB230306	1	SB 200549 SB 180187	69 61	119 63	109 49	84 41	101 38	96 47	96 26	91 43	107 22	79 2.08 65	79 0.79 49	116 25 41	119 23.4 63	109 1.0 49	118 85 51	119 33.7 42	99 68 42	90 -28 6	125 25.2 46	97 -5.1 42	92 -2.5 26	113 22.7 47	110 7 47	114 27 46	106 1.44 23	92 -0.34 21	87 -0.42 21
D 240001 98352149 D240001		VOVA210034 D 210051	116 56	93 37	89 29	99 23	96 25	91 32	86 20	84 30	84 5	112 -0.63 60	106 -0.31 40	99 23	93 8.3 37	89 -4.5 29	83 1 30	92 12.8 28	88 30 34		101 11.4 38	97 -4.8 26	93 -2.7 16	102 16.3 33	98 38	88 37	84 -0.70 5	91 -0.41 5	84 -0.60 5
D 240003 98352164 D240003		SB 200577 D 210078	80 54	104 33	119 28	93 26	99 25	98 31	84 20	91 29	87 12	77 2.26 59	115 -0.67 38	104 11 26	104 14.4 33	119 3.8 28	116 80 29	101 19.5 24	91 41 33		90 5.4 37	105 -11.0 25	96 -3.2 17	100 14.8 33	103 38	97 10 36	87 -0.38 12	93 -0.32 12	84 -0.62 12
D 240004 98352172 D240004		VOVA210034 D 210052	119 54	92 37	88 29	99 23	95 25	90 31	86 20	83 29	84 5	115 -0.91 59	105 -0.25 38	99 23	92 7.5 37	88 -4.7 29	80 -4 30	91 11.8 28	88 30 34		101 11.4 38	97 -4.8 26	93 -2.7 16	100 15.0 34	98 38	88 2 37	84 -0.70 5	91 -0.41 5	84 -0.60 5

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																														
D 240008		VOVA210034	107	96	92	99	95	90	86	83	84	105	104	99	96	92	88		95	88		101	97	93	100	98	88	84	91	84
98352214		D 210073	54	37	29	23	25	31	20	29	5	-0.10	-0.20	6	9.9	-3.6	14		14.8	30		11.4	-4.8	-2.7	15.0	0	2	-0.70	-0.41	-0.60
D240008												58	38	23	37	29	30		28	34		38	26	16	34	38	37	5	5	5
D 240015		SB 200577	90	100	116	94	98	98	84	90	87	85	116	104	100	116	110		97	91		90	105	96	98	103	97	87	93	84
98363773		D 210087	53	33	28	26	25	30	20	28	12	1.54	-0.70	11	12.3	3.0	65		16.9	41		5.4	-11.0	-3.2	13.5	3	10	-0.38	-0.32	-0.62
D240015												58	35	26	33	28	29		24	33		37	25	17	34	38	36	12	12	12
D 240016		VOVA210034	119	92	88	99	95	90	86	83	84	115	105	99	92	88	80		91	88		101	97	93	100	98	88	84	91	84
98363674		D 210075	54	37	29	23	25	31	20	29	5	-0.94	-0.25	6	7.4	-4.7	-5		11.7	30		11.4	-4.8	-2.7	15.0	0	2	-0.70	-0.41	-0.60
D240016												59	38	23	37	29	30		28	34		38	26	16	34	38	37	5	5	5
D 240018		VOVA210034	109	95	91	99	95	90	86	83	84	107	104	99	95	91	87		94	88		101	97	93	100	98	88	84	91	84
98363690		D 210069	54	37	29	23	25	31	20	29	5	-0.24	-0.21	6	9.5	-3.8	11		14.3	30		11.4	-4.8	-2.7	15.0	0	2	-0.70	-0.41	-0.60
D 240018												59	38	23	37	29	30		28	34		38	26	16	34	38	37	5	5	5
D 240024		SB 200577	95	99	114	94	98	98	84	90	87	90	117	104	99	114	107		96	91		90	105	96	98	103	97	87	93	84
98363716		D 210057	53	33	28	26	25	30	20	28	12	1.20	-0.72	11	11.3	2.5	58		15.6	41		5.4	-11.0	-3.2	13.5	3	10	-0.38	-0.32	-0.62
D240024												58	35	26	33	28	29		24	33		37	25	17	34	38	36	12	12	12
D 240025		VOVA210034	126	89	86	99	95	90	86	83	84	122	106	99	89	86	75		88	88		101	97	93	100	98	88	84	91	84
98363724		D 210055	54	37	29	23	25	31	20	29	5	-1.45	-0.28	6	5.9	-5.3	-16		9.8	30		11.4	-4.8	-2.7	15.0	0	2	-0.70	-0.41	-0.60
D240025												59	38	23	37	29	30		28	34		38	26	16	34	38	37	5	5	5
D 240034		VOVA210034	116	93	89	99	95	90	86	83	84	113	105	99	93	89	82		92	88		101	97	93	100	98	88	84	91	84
98352263		D 210088	42	37	29	23	25	29	20	27	5	-0.73	-0.24	6	8.0	-4.4	0		12.5	30		11.4	-4.8	-2.7	15.0	0	2	-0.70	-0.41	-0.60
D240034												44	33	23	37	29	30		28	34		38	26	16	34	38	37	5	5	5
D 240040		VOVA210034	115	94	90	99	96	91	86	84	84	112	104	99	94	90	83		92	88		101	97	93	102	98	88	84	91	84
98352834		D 210050	54	37	29	23	25	31	20	29	5	-0.63	-0.23	6	8.3	-4.3	2		12.9	30		11.4	-4.8	-2.7	16.3	0	2	-0.70	-0.41	-0.60
D240040												59	38	23	37	29	30		28	34		38	26	16	33	38	37	5	5	5
D 240044		VOVA210034	118	92	89	99	96	91	86	84	84	115	105	99	92	89	81		91	88		101	97	93	102	98	88	84	91	84
98363476		D 210061	54	37	29	23	25	31	20	29	5	-0.87	-0.25	6	7.6	-4.6	-3		12.0	30		11.4	-4.8	-2.7	16.3	0	2	-0.70	-0.41	-0.60
D240044												59	38	23	37	29	30		28	34		38	26	16	33	38	37	5	5	5
D 240048		SB 200577	87	101	116	94	99	98	84	91	87	83	116	104	101	116	112		98	91		90	105	96	100	103	97	87	93	84
98363492		D 210079	53	33	28	26	25	30	20	28	12	1.76	-0.69	11	13.0	3.2	70		17.7	41		5.4	-11.0	-3.2	14.8	3	10	-0.38	-0.32	-0.62
D240048												58	36	26	33	28	29		24	33		37	25	17	33	38	36	12	12	12
D 240050		VOVA210034	100	114	94	86	101	99	109	97	110	95	113	114	114	94	102		113	115		120	93	104	105	120	115	110	97	109
98363518		SB 220183	62	50	43	33	34	41	24	38	10	0.71	-0.55	23	20.2	-3.2	46		28.9	126		22.7	-2.3	-4.9	18.1	13	28	1.80	-0.05	0.83
D240050												66	47	33	50	43	42		38	40		45	35	25	42	46	44	11	10	9
D 240051		VOVA210034	123	90	87	99	96	91	86	84	84	119	105	99	90	87	78		89	88		101	97	93	103	98	88	84	91	84
98363526		D 200059	56	37	29	23	25	32	20	30	5	-1.24	-0.24	6	6.6	-5.0	-11		10.6	30		11.4	-4.8	-2.7	16.5	0	2	-0.70	-0.41	-0.60
D240051												60	40	23	37	29	30		28	34		38	26	16	34	38	37	5	5	5

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																													
D 240052 98363534 D240052	1	VOVA210034 SB 220279	126 61	104 49	86 39	87 31	102 31	100 39	108 24	97 36	104 12	121 -1.41 66	107 -0.32 44	114 23 31	104 14.4 49	86 -5.3 39	86 9 40	105 23.0 34	108 103 39	111 17.1 44	95 -3.7 33	99 -3.8 21	110 20.8 39	114 9 45	109 22 43	103 1.10 13	95 -0.19 12	104 0.54 12	
D 240054 98363542 D240054		SB 200577 D 200057	80 54	104 33	119 28	93 26	99 25	98 31	84 20	91 29	87 12	77 2.25 59	115 -0.65 38	104 11 26	104 14.4 33	119 3.9 28	116 81 29	101 19.5 24	91 41 33	90 5.4 37	105 -11.0 25	96 -3.2 17	100 15.1 33	103 3 38	97 10 36	87 -0.38 12	93 -0.32 12	84 -0.62 12	
D 240060 98363591 D240060		VOVA210034 D 200066	121 56	91 37	88 29	99 23	96 25	91 32	86 20	84 30	84 5	117 -1.08 60	105 -0.25 40	99 6 23	91 7.0 37	88 -4.8 29	79 -7 30	90 11.2 28	88 30 34	101 11.4 38	97 -4.8 26	93 -2.7 16	103 16.5 34	98 0 38	88 2 37	84 -0.70 5	91 -0.41 5	84 -0.60 5	
D 240061 98363609 D240061		SB 200577 D 200022	84 54	103 36	120 34	93 26	100 25	100 32	84 20	92 30	88 12	81 1.90 59	114 -0.60 38	104 12 26	103 13.6 36	120 4.2 34	115 78 32	99 18.5 24	92 44 33	91 5.7 37	104 -10.6 25	96 -3.3 17	101 15.2 33	104 4 38	97 11 36	88 -0.31 12	93 -0.32 12	84 -0.61 12	
D 240065 98363625 D240065		SB 200577 D 200030	79 54	107 33	121 28	93 26	100 25	102 31	84 20	94 29	87 12	69 2.91 59	117 -0.73 38	104 11 26	107 16.3 33	121 4.5 28	121 93 29	104 21.8 24	91 41 33	90 5.4 37	105 -11.0 25	96 -3.2 17	101 15.6 33	103 3 38	97 10 36	87 -0.38 12	93 -0.32 12	84 -0.62 12	
D 240069 98363641 D240069		VOVA210034 D 200055	117 56	93 37	89 29	99 23	94 25	89 32	86 20	83 30	84 5	114 -0.83 60	104 -0.20 40	99 6 23	93 7.8 37	89 -4.5 29	81 -2 30	91 12.1 28	88 30 34	101 11.4 38	97 -4.8 26	93 -2.7 16	98 13.7 33	98 0 38	88 2 37	84 -0.70 5	91 -0.41 5	84 -0.60 5	
D 240073 98363450 D240073		VOVA210034 D 210071	124 54	90 37	87 29	99 23	96 25	91 31	86 20	84 29	84 5	119 -1.27 59	105 -0.27 38	99 6 23	90 6.4 37	87 -5.1 29	77 -12 30	89 10.5 28	88 30 34	101 11.4 38	97 -4.8 26	93 -2.7 16	102 16.3 33	98 0 38	88 2 37	84 -0.70 5	91 -0.41 5	84 -0.60 5	
D 240101 97022313 240101		CDM 210037	116 46	78 25	104 18		78 13					116 -0.97 52	95 0.12 25		78 -0.5 25	104 -0.2 18		75 0.1 15			92 -1.1 20		69 -4.4 19						
D 240106 97370886 D240106		D 210016	102 49	94 53	101 32	112 7	100 24	102 32				104 -0.01 54	91 0.29 33	90 -4 7	94 8.7 53	101 -1.1 32	97 35 31	93 13.3 32	82 8 9	85 2.3 11	103 -9.9 28	109 -5.8 12	91 9.3 32	91 -4 11	86 0 11				
D 240111 97372924 D240111		D 210019	106 47	77 52	108 29	125 10	89 21	93 31				107 -0.28 53	94 0.19 28	75 -22 10	77 -1.1 52	108 0.8 29	91 20 30	76 0.1 33	68 -42 8	78 -1.6 9	98 -6.2 25	91 -2.2 9	88 7.5 30	79 -11 9	71 -15 8	59 -3.16 5			
D 240115 97369102 D240115		BOS 177663 D 170092	102 62	106 64	96 53	90 32	92 34	90 46	102 23	87 41	100 30	99 0.44 65	109 -0.41 52	109 17 32	106 15.8 64	96 -2.6 53	98 37 50	106 23.9 50	109 104 42	99 10.8 45	84 4.9 38	93 -2.7 16	103 16.7 48	88 -6 45	99 12 44	118 2.62 32	41 -3.32 29	70 -1.39 29	
D 240116 97369110 D240116		BOS 177663 D 160021	89 61	110 62	102 50	88 32	92 35	89 45	100 23	86 41	100 30	89 1.28 64	104 -0.22 51	111 20 32	110 18.0 62	102 -0.9 50	105 55 48	110 26.4 50	107 99 42	101 11.7 45	82 6.6 40	91 -2.3 16	106 18.7 48	93 -2 45	103 16 44	116 2.46 32	41 -3.34 29	62 -1.84 29	

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																													
D 240123 97750574 D240123		D 190006	95 50	90 53	105 36		86 19					98 0.53 54	93 0.24 34		90 6.6 53	105 0.0 36		88 9.6 25				82 6.4 24	92 -2.5 6	93 10.5 27					
D 240124 97457477 D240124		VOVA180052 D 190052	94 62	101 63	102 52	92 14	112 34	101 43				103 0.11 65	74 0.99 51	107 15 14	101 12.5 63	102 -0.8 52	98 37 43	97 16.9 43	98 63 19		95 8.3 23	105 -11.5 39	120 -8.0 18	105 17.7 46	108 6 22	102 15 22			
D 240126 97457485 D240126		CDM 210047	95 48	85 51	107 27	118 7	84 12	85 28				97 0.55 54	92 0.26 26	84 -12 7	85 3.6 51	107 0.5 27	95 31 28	82 5.4 26				86 3.7 6		87 6.9 27					
D 240136 97641500 D240136		VOVA180052 D 190112	100 61	93 62	111 49	93 14	108 35	101 42				107 -0.22 64	79 0.78 49	104 12 14	93 8.3 62	111 1.7 49	99 39 42	91 11.9 42	96 56 19		93 7.4 23	101 -8.1 40	117 -7.4 18	101 15.5 47	106 5 22	99 13 22			
D 240137 97641518 D240137		JAN 177026 D 190060	103 58	93 60	100 46	117 19	96 30	100 40			79 10	106 -0.16 62	89 0.39 46	85 -9 19	93 7.8 60	100 -1.5 46	96 34 42	91 12.3 41	83 12 16	83 -21 5	92 6.6 17	97 -4.9 28	91 -2.3 18	103 16.9 44	95 -2 17	86 0 17	77 -1.38 10	96 -0.13 9	80 -0.83 9
D 250002 98352859 D250002		VOVA210034 D 230154	118 54	92 37	89 29	99 23	97 25	91 31	86 20	84 29	84 5	115 -0.89 59	105 -0.25 38	99 6 23	92 7.6 37	89 -4.6 29	81 -4 30	91 11.9 28	88 30 34		101 11.4 38	97 -4.8 26	93 -2.7 16	103 16.9 32	98 0 38	88 2 37	84 -0.70 5	91 -0.41 5	84 -0.60 5
D 250003 98352867 D250003		VOVA210034 D 230158	116 54	93 37	89 29	99 23	95 24	90 31	86 20	83 29	84 5	113 -0.71 59	105 -0.24 38	99 6 23	93 8.1 37	89 -4.4 29	82 0 30	92 12.6 28	88 30 34		101 11.4 38	97 -4.8 26	93 -2.7 16	101 15.3 30	98 0 38	88 2 37	84 -0.70 5	91 -0.41 5	84 -0.60 5
D 250015 98352909 D250015		D 230152	90 41									93 0.90 47	94 0.19 20										79 1.8 8						
D 250017 98352925 D250017		SB 200577 D 200049	78 54	105 33	119 28	93 26	100 25	99 31	84 20	91 29	87 12	75 2.38 58	115 -0.64 38	104 11 26	105 14.8 33	119 4.0 28	118 83 29	101 20.0 24	91 41 33		90 5.4 37	105 -11.0 25	96 -3.2 17	101 15.4 34	103 3 38	97 10 36	87 -0.38 12	93 -0.32 12	84 -0.62 12
D 250018 98352933 D250018		VOVA210034 D 230142	120 54	92 37	88 29	99 23	97 25	91 31	86 20	84 29	84 5	116 -0.96 59	105 -0.25 38	99 6 23	92 7.4 37	88 -4.7 29	80 -5 30	90 11.6 28	88 30 34		101 11.4 38	97 -4.8 26	93 -2.7 16	103 16.9 32	98 0 38	88 2 37	84 -0.70 5	91 -0.41 5	84 -0.60 5
D 250019 98352941 D250019		SB 200577 D 200056	85 54	102 33	117 28	93 26	99 25	98 31	84 20	91 29	87 12	81 1.94 58	117 -0.72 38	104 11 26	102 13.5 33	117 3.4 28	113 73 29	99 18.3 24	91 41 33		90 5.4 37	105 -11.0 25	96 -3.2 17	100 15.1 33	103 3 38	97 10 36	87 -0.38 12	93 -0.32 12	84 -0.62 12
D 250020 98352958 D250020		VOVA210034 D 230136	120 54	92 37	88 29	99 23	97 25	91 31	86 20	85 29	84 5	116 -0.97 59	105 -0.25 38	99 6 23	92 7.3 37	88 -4.7 29	80 -5 30	90 11.6 28	88 30 34		101 11.4 38	97 -4.8 26	93 -2.7 16	104 17.5 32	98 0 38	88 2 37	84 -0.70 5	91 -0.41 5	84 -0.60 5

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																															
D 250021		VOVA210034		117	93	89	99	97	91	86	84	84	114	105	99	93	89	82		91	88		101	97	93	103	98	88	84	91	84
98352966		D 230141		54	37	29	23	25	31	20	29	5	-0.79	-0.24	6	7.9	-4.5	-1		12.2	30		11.4	-4.8	-2.7	16.9	0	2	-0.70	-0.41	-0.60
D250021													59	38	23	37	29	30		28	34		38	26	16	32	38	37	5	5	5
D 250023		SB 200577		78	105	119	93	100	99	84	91	87	76	115	104	105	119	117		101	91		90	105	96	101	103	97	87	93	84
98352982		D 230148		52	33	28	26	25	30	20	28	12	2.36	-0.66	11	14.8	4.0	83		19.9	41		5.4	-11.0	-3.2	15.4	3	10	-0.38	-0.32	-0.62
D250023													57	35	26	33	28	29		24	33		37	25	17	32	38	36	12	12	12
D 250024		SB 200577		86	102	117	93	99	98	84	91	87	82	116	104	102	117	112		98	91		90	105	96	100	103	97	87	93	84
98352990		D 210068		52	33	28	26	25	30	20	28	12	1.81	-0.69	11	13.1	3.3	71		17.9	41		5.4	-11.0	-3.2	14.8	3	10	-0.38	-0.32	-0.62
D250024													57	35	26	33	28	29		24	33		37	25	17	33	38	36	12	12	12
D 250026		VOVA210034		130	88	85	100	96	91	86	84	84	124	106	99	88	85	73		87	88		101	97	93	102	98	88	84	91	84
98363757		D 210059		54	37	29	23	25	31	20	29	5	-1.69	-0.29	6	5.2	-5.6	-21		8.9	30		11.4	-4.8	-2.7	16.3	0	2	-0.70	-0.41	-0.60
D250026													59	38	23	37	29	30		28	34		38	26	16	33	38	37	5	5	5
D 250202		VOVA210034		123	96	86	101	111	106	88	99	87	120	100	98	96	86	83		95	91		99	113	110	103	94	89	90	100	99
99049405		D 220013		61	61	43	24	32	42	21	38	6	-1.33	-0.05	5	10.0	-5.4	2		15.1	40		10.4	-17.8	-6.1	16.9	-2	3	-0.14	0.13	0.26
D250202													65	45	24	61	43	43		36	35		39	39	18	40	40	39	6	5	5
D 250203		SB 180519		121	91	81	101	101	91	76	83	78	118	103	98	91	81	74		89	80		80	102	95	107	76	79	79	98	80
99051492		D 150007		64	65	57	36	39	49	25	44	16	-1.17	-0.16	5	7.1	-6.8	-20		10.5	-1		-0.1	-9.2	-3.0	18.9	-13	-7	-1.22	-0.01	-0.84
D250203													66	55	36	65	57	53		37	44		46	46	24	47	46	46	16	15	15
D 250205		BOS 177663		108	107	95	92	95	96	101	93	98	103	111	107	107	95	99		107	105		102	88	94	106	84	98	115	54	85
99051500		SB 180019		66	68	55	39	39	50	26	45	32	0.07	-0.48	15	16.2	-2.9	39		24.8	90		12.3	1.8	-2.9	18.4	-8	12	2.30	-2.59	-0.55
D250205													69	55	39	68	55	54		50	46		49	47	20	51	50	49	33	30	30
D 250206		VOVA210034		108	103	93	93	108	102	93	96	95	107	99	106	103	93	93		101	98		105	107	111	102	104	98	96	102	102
99049421		D 220011		59	60	42	24	32	41	21	37	6	-0.25	0.00	14	13.9	-3.5	26		19.7	67		14.1	-13.3	-6.3	16.2	4	11	0.50	0.20	0.39
D250206													64	43	24	60	42	42		36	35		39	38	18	40	40	39	6	5	5
D 250207		VOVA210034		107	103	84	98	105	97	89	91	89	106	98	101	103	84	88		101	93		100	108	104	102	98	91	91	100	99
99049439		D 220020		61	60	42	24	33	41	21	37	6	-0.19	0.02	8	13.8	-5.8	13		19.5	46		11.4	-13.4	-4.9	16.3	0	5	-0.02	0.13	0.26
D250207													65	45	24	60	42	42		36	35		39	38	19	41	40	39	6	5	5
D 250208		VOVA210034		102	102	89	99	108	100	88	93	89	104	94	100	102	89	91		100	92		100	106	110	104	96	91	90	103	105
99049447		D 220006		61	61	43	24	33	42	21	38	6	0.01	0.18	7	13.2	-4.6	21		18.7	44		11.0	-12.3	-6.0	17.2	-1	5	-0.16	0.27	0.59
D250208													65	46	24	61	43	43		36	35		39	39	20	41	40	39	6	5	5
D 250210		BOS 177663		94	107	96	94	87	86	94	81	94	96	97	104	107	96	100		107	101		95	85	89	97	84	95	109	45	72
99049462		D 210038		61	63	46	32	35	45	23	41	30	0.70	0.08	12	16.2	-2.7	42		24.3	74		8.1	4.2	-1.9	12.7	-8	9	1.69	-3.12	-1.31
D250210													65	49	32	63	46	47		41	42		45	44	17	45	45	44	32	29	29
D 250213		BOS 166103		93	101	106	96	101	97	96	92	95	98	84	102	101	106	104		103	101	96	98	116	92	98	86	95	99	121	100
99214363		D 180012		61	63	51	31	36	45	24	41	28	0.49	0.56	9	13.0	0.2	51		21.7	75	-35	10.2	-20.4	-2.5	13.3	-7	8	0.71	1.32	0.32
D250213													65	49	31	63	51	48		44	40	7	43	36	25	46	43	42	29	26	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																													
D 250214		JAN 177026	90	106	108	99	99	101			101	97	81	99	106	108	112	103	104	101	105	96	107	96	111	107	100	110	106
99214371		D 210014	61	62	44	21	35	42			10	0.61	0.70	6	15.4	0.8	69	21.3	86	-40	14.0	-4.5	-5.6	12.1	8	20	0.83	0.67	0.62
D250214												65	47	21	62	44	42	37	19	5	21	39	21	45	21	20	10	9	9
D 250215		JAN 177026	102	101	100	105	107	108			93	106	85	94	101	100	102	99	97	94	100	107	115	96	104	99	92	107	99
99214389		D 220024	60	62	44	21	35	42			10	-0.19	0.55	1	12.9	-1.5	47	18.2	60	-33	10.8	-12.9	-7.1	12.3	4	12	0.06	0.52	0.22
D250215												64	46	21	62	44	42	37	19	5	21	39	21	44	21	20	10	9	9
D 250217		VOVA180052	96	107	102	86	112	104			102	99	91	113	107	102	102	104	105		100	113	116	101	102	103	106	107	110
99214405		SB 200104	65	68	52	28	41	48			12	0.45	0.30	22	16.1	-0.8	46	22.3	91		10.9	-17.9	-7.3	15.4	2	17	1.47	0.54	0.88
D250217												69	53	28	68	52	49	44	30		34	48	24	50	34	33	12	11	10
D 250218		VOVA180052	98	91	108	100	110	101				106	73	98	91	108	96	89	87		86	110	116	100	96	89			
99214413		D 190052	62	63	52	14	34	43				-0.20	1.02	4	6.7	0.8	32	10.7	25		3.2	-15.2	-7.2	15.0	-1	3			
D250218												65	51	14	63	52	43	37	19		23	39	18	45	22	22			
D 250219		JAN 177026	109	86	106	117	100	105			80	113	83	84	86	106	95	85	85	80	90	99	105	98	91	85	80	105	94
99214421		D 210012	61	63	46	21	35	43			10	-0.78	0.60	-11	4.3	0.2	31	7.6	17	-18	5.2	-6.7	-5.1	13.3	-4	-1	-1.09	0.37	-0.06
D250219												65	47	21	63	46	43	37	19	5	21	39	21	45	21	20	10	9	9
D 250223		VOVA180052	110	85	92	109	106	96				116	77	93	85	92	78	84	80		80	113	113	92	88	81			
99214462		D 170016	62	63	52	14	34	43				-1.00	0.85	-1	3.6	-3.8	-10	6.5	0		-0.1	-17.7	-6.7	9.8	-5	-4			
D250223												65	52	14	63	52	43	35	19		23	39	18	46	22	22			
D 250227		VOVA180052	103	92	104	95	111	101				108	81	103	92	104	93	91	93		91	111	117	99	103	96			
99275695		D 160021	61	51	48	14	35	39				-0.35	0.70	10	7.7	-0.2	25	11.8	46		6.1	-16.4	-7.5	14.2	3	10			
D250227												64	50	14	51	48	38	36	19		23	40	18	46	22	22			
D 250228		VOVA180052	112	89	79	109	105	91				117	78	93	89	79	71	87	80		80	109	112	92	88	81			
99275703		D 170003	62	53	51	14	35	40				-1.11	0.82	-1	5.9	-7.4	-26	9.0	-2		-0.3	-14.9	-6.5	9.9	-6	-5			
D250228												65	52	14	53	51	39	36	19		23	40	18	46	22	22			
D 250230		D 180027	97	98	109							98	96		98	109								83					
99764094			43	46	22							0.47	0.08		10.7	1.2								4.0					
D250230												49	24		46	22								20					
D 250235		VOVA180052	110	96	100	95	112	105				111	92	102	96	100	93	93	96		91	115	118	97	103	100			
99554099		D 160022	62	51	48	14	35	39				-0.57	0.26	10	9.5	-1.4	25	13.5	59		6.2	-18.9	-7.6	13.1	3	13			
D25235												65	52	14	51	48	38	36	19		23	40	18	46	22	22			
D 250245		JAN 177026	108	89	108	111	91	97			86	109	93	90	89	108	98	88	90	91	98	96	92	93	102	94	83	97	83
99554180		D 190098	57	44	41	19	29	36			10	-0.40	0.23	-4	5.9	0.8	36	9.7	36	-30	9.9	-4.0	-2.5	10.7	3	7	-0.80	-0.05	-0.69
D25245												61	45	19	44	41	35	30	16	5	17	28	18	42	17	17	10	9	9
D 260001		D 200008	111	83	106		79					108	103		83	106		81				96	89	72					
6020619315			47	29	28		16					-0.35	-0.19		2.3	0.2		4.7			-4.5	-1.8	-2.9						
D260001												52	31		29	28		12				23	5	20					

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																																	
D 260002 6020619323 D260002		D	210020	103 48	86 32	96 29	114 7	88 22	84 26				106 -0.17 53	88 0.41 32	89 -6 7	86 4.0 32	96 -2.5 29	84 4 23	83 6.2 21	79 -5 9				82 0.8 11	100 -7.3 28	97 -3.6 12	79 1.7 25	89 -5 11	83 -3 11				
D 260003 6020619331 D260003		D	210011	103 49	86 33	98 30	112 7	90 21	87 26				107 -0.26 53	86 0.51 33	90 -5 7	86 4.3 33	98 -2.1 30	86 8 23	85 7.1 21	80 -1 9				83 1.3 11	100 -7.3 28	99 -3.8 12	81 3.3 24	91 -4 11	84 -2 11				
D 260006 6020619364 D260006		SB	230205	109 49	97 34	100 26	105 22	86 19	92 28		89 6		107 -0.26 54	103 -0.17 31	95 1 22	97 10.2 34	100 -1.5 26	97 34 27	95 15.0 22	95 54 21				109 16.1 23	91 -0.1 22	98 -3.6 12	81 2.9 24	91 -4 24	95 8 23	86 -0.57 6	94 -0.25 6	97 0.14 6	
D 260007 6020619703 D260007		SB D	220734 230050	111 49	97 34	100 27	84 24	103 22	94 29		97 10		111 -0.61 54	95 0.16 33	116 25 24	97 10.3 34	100 -1.3 27	89 17 28	97 16.7 23	98 65 23				88 4.5 25	105 -11.4 24	99 -3.9 14	104 17.0 29	117 11 25	107 20 24	96 0.42 10	89 -0.54 9	86 -0.51 8	
D 260008 6020619711 D260008		SB D	220734 230063	107 49	99 34	102 27	84 24	103 22	94 29		97 10		108 -0.29 54	94 0.18 33	116 25 24	99 11.3 34	102 -0.9 27	92 23 28	98 17.8 23	98 65 23				88 4.5 25	105 -11.4 24	99 -3.9 14	104 17.0 29	117 11 25	107 20 24	96 0.42 10	89 -0.54 9	86 -0.51 8	
D 260011 6020703481 D260011		SB D	220734 230049	104 49	99 34	103 27	84 24	103 22	94 29		97 10		106 -0.13 54	94 0.19 33	116 25 24	99 11.7 34	103 -0.7 27	93 26 28	99 18.4 23	98 65 23				88 4.5 25	105 -11.4 24	99 -3.9 14	104 17.0 29	117 11 25	107 20 24	96 0.42 10	89 -0.54 9	86 -0.51 8	
D 260012 6020703499 D260012	2	IAN D	222037 230048	101 51	101 41	103 32	106 15	94 21	100 30		95 8		102 0.21 56	96 0.11 32	94 0 15	101 12.9 41	103 -0.7 32	105 54 29	100 19.0 26	100 72 14				104 13.1 15	98 -5.9 20	89 -1.8 14	101 15.4 30	104 4 14	102 15 14	93 0.20 8	101 0.18 7	92 -0.16 7	
D 260013 6020703507 D260013		BOS D	166103 210012	97 62	103 57	92 50	92 32	106 40	95 45	97 26	90 41	99 28	101 0.22 66	87 0.45 50	107 15 32	103 13.7 57	92 -3.5 50	92 24 46	103 21.6 48	104 87 41	100 -39 8				97 9.6 44	108 -13.5 45	109 -5.8 28	100 14.6 47	89 -5 44	99 13 43	103 1.14 29	123 1.46 26	105 0.59 26
D 260016 6020742885 D260016		BOS D	177663 210038	92 61	106 54	97 45	95 32	87 35	85 42	92 23	80 38	92 30	94 0.85 65	97 0.04 49	103 10 32	106 15.4 54	97 -2.1 45	101 44 44	106 23.4 41	99 67 42				93 7.2 45	86 3.2 44	88 -1.7 17	95 12.0 44	82 -9 45	93 7 44	107 1.52 32	44 -3.14 29	71 -1.36 29	
D 260017 6020742893 D260017		BOS D	177663 220024	96 63	109 57	93 49	91 32	102 38	96 45	98 24	92 41	98 30	97 0.62 66	99 -0.02 51	108 16 32	109 17.0 57	93 -3.2 49	99 39 46	109 25.7 47	104 88 43				95 8.1 46	95 -3.7 47	110 -6.1 19	100 14.8 47	84 -8 47	97 11 46	116 2.47 32	49 -2.87 29	75 -1.14 29	
D 260023 6020873060 D260023		IAN D	222037 220026	113 53	99 43	94 36	95 13	104 26	100 32		101 6		114 -0.79 58	93 0.21 36	103 11 13	99 11.7 43	94 -3.1 36	91 22 31	98 17.5 31	106 92 15				104 13.3 16	108 -13.6 31	102 -4.4 16	101 15.3 32	109 7 16	108 21 16	101 0.97 7	100 0.10 6	94 -0.06 6	
D 260028 6020873094 D260028		VOVA180052 D	180027	105 58	92 48	107 43	94 14	108 33	100 37				111 -0.56 62	81 0.71 46	103 11 14	92 7.4 48	107 0.6 43	94 28 35	90 11.5 35	94 49 19				92 6.4 23	108 -13.6 39	117 -7.6 18	95 11.7 42	104 3 22	97 11 22				

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	ID Number Name	% 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
D 260029	6020873102		IAN 222037 D 210018	108 54	104 43	101 36	94 13	103 27	106 33			105 6	108 -0.34 59	96 0.10 37	104 12 13	104 14.6 43	101 -1.0 36	102 47 31	103 21.0 30	108 103 15		105 13.9 16	109 -14.7 31	103 -4.6 16	98 13.9 33	110 7 16	111 24 16	105 1.35 7	102 0.25 6	99 0.26 6
D 260032	6020873136		IAN 222037 D 220020	104 53	102 43	98 36	97 13	100 27	99 32			98 6	107 -0.26 58	88 0.41 35	101 8 13	102 13.5 43	98 -2.1 36	99 39 31	101 19.9 31	102 81 15		101 11.8 16	108 -13.5 32	98 -3.6 16	98 13.6 32	106 5 16	104 17 16	99 0.71 7	99 0.06 6	93 -0.12 6
D 260035	6020873169		VOVA180052 D 170003	113 62	89 53	78 51	109 14	104 34	91 40				119 -1.25 65	77 0.85 52	93 -1 14	89 5.5 53	78 -7.5 51	70 -29 39	86 8.6 36	80 -2 19		80 -0.3 23	109 -14.9 40	112 -6.5 18	92 9.6 45	88 -6 22	81 -5 22			
D 260036	6020873177		VOVA180052 D 180029	107 58	90 48	96 43	97 14	108 33	95 37				112 -0.67 62	81 0.72 46	101 8 14	90 6.5 48	96 -2.5 43	85 6 35	89 10.2 35	90 36 19		89 4.7 23	110 -15.2 39	116 -7.2 18	95 11.6 42	100 1 22	93 7 22			

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	SB 230573	SB230573	SB 190655	SB 180063	6.8	HH	0	0	0		122	88	115	85	109	82	88	80	107	80	125	76	124	82	124	77	
										★★★★★																	
1	D 230019	230019	VOVA180052	D 200017	0.0	HH	0	0	0		105	82	108	84	95	81	97	78	122	80	119	74	100	78	114	75	
2	D 230053	230053	VOVA180052	D 180002	0.0	HH	0	0	0		107	83	109	81	88	80	92	78	121	80	113	74	99	78	108	75	
3	SB 180604	SB180604	WO 110164	FXF 100529	0.9	PcH	0	0	0		94	94	124	94	98	90	86	88	109	87	112	83	136	86	115	84	
4	SB 200577	SB200577	BOS 166392	SB 170050	0.3	PcH	0	0	0		71	89	121	86	128	84	85	83	109	82	116	78	93	83	109	79	
										★★★★★																	
1	CR 170085	CR170085	WO 140164	CR 130036	0.0	HH	1	0	0		72	89	146	90	98	85	62	82	107	84	105	79	141	84	109	80	
2	D 220010	220010	VOVA180052	D 150004	0.0	HH	1	0	0		84	83	112	84	100	81	89	78	114	80	105	75	110	78	103	76	
3	D 220023	220023	VOVA180052	D 150021	0.0	HH	0	0	0		91	83	106	83	104	81	90	78	109	80	102	74	103	78	98	75	
4	D 220034	220034	VOVA180052	SB 180019	1.0	HH	1	0	0		133	85	92	85	85	83	93	80	118	81	108	76	84	80	100	77	
5	D 240112	D240112	VOVA210034	D 210021	0.7	HH	1	0	0		104	84	116	84	90	81	90	79	108	80	108	75	108	80	105	76	
6	D 240118	D240118	BOS 177663	D 180012	0.0	PcH	1	0	0		99	84	115	84	105	82	87	80	93	80	100	75	111	80	99	76	
7	D 240125	D240125	VOVA180052	SB 180019	1.0	HH	1	0	0		105	85	106	85	92	83	92	79	114	81	107	76	100	79	102	77	
8	D 240135	D240135	JAN 177026	D 160022	0.0	HH	0	0	0		103	83	106	83	96	80	111	78	100	79	108	74	98	78	103	75	
9	IAN 222037	22 2037	BOS 144182	IAN 190030	0.0	PcPc	1	0	0		109	82	110	83	100	81	94	79	92	80	101	74	109	78	99	75	
10	JAN 177026	177026	BOS 111348	BOS 088650	4.9	HH	0	0	0		97	90	99	89	109	85	116	81	94	83	107	79	98	80	101	79	
11	RG 210050	21 050	RG 160026	RG 180140	0.3	HH	1	0	0		109	85	102	86	93	84	83	82	119	82	105	77	92	80	98	78	
12	RG 210060	21 060	RG 180038	RG 170095	0.0						89	59	119	63	94	47	92	34	106	32	106	44					
13	SB 220734	SB220734	OKT 190114	SB 180203	0.4						104	69	115	67	98	55	70	47	113	44	104	52	116	28	102	47	
14	VOVA180052	VOVA180052	VYF 120243	VOVA140106	1.0	HH	1	0	0		99	95	101	96	92	91	92	87	126	90	108	84	92	87	102	85	
										★★★★																	
1	CR 170089	CR170089	WO 140164	CR 120008	0.0						86	42	125	61	95	51	73	32	104	37	97	42	127	24	99	38	
2	D 220041	220041	JAN 177026	D 190015	0.0						109	56	90	58	106	42	110	19	91	29	97	39					
3	D 220043	220043	JAN 177026	D 170097	0.0						104	58	97	60	100	47	102	19	95	30	95	41					
4	D 220046	220046	VOVA180052	D 160020	0.0						106	59	81	61	100	47	111	14	109	34	98	41					

Selection List on Cow Value

Bulls 2 years and older

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			
Sorted on ID							nt821	Q204X	F94L	Genomic tested											
														★★★★							
5	D	230021	230021	VOVA180052	SB 200104	0.1	HH	0	0	0		95 85	110 85	98 82	81 80	110 81	99 76	100 79	95 77		
6	D	230106	230106	SB 180604	D 200046	0.0						100 56	103 46	102 40	94 36	98 35	97 39	105 24	94 36		
7	D	230107	230107	SB 180604	D 200028	0.0						100 56	106 59	103 45	89 36	99 36	98 43	110 24	96 39		
8	D	230114	230114	SB 180604	D 200038	0.0						98 56	104 46	103 40	94 36	98 35	97 39	105 24	94 36		
9	D	230115	230115	SB 180604	D 200031	0.0						98 56	104 46	103 40	94 36	99 36	98 40	105 24	95 37		
10	D	230121	230121	CR 170085	D 200030	0.0						88 55	119 42	102 33	77 23	101 27	96 34	115 22	95 32		
11	D	230130	230130	SB 180604	D 200023	0.0						98 45	106 59	103 45	90 36	99 36	97 41	109 24	95 38		
12	D	230131	230131	CR 170085	D 200025	0.0						85 54	123 56	103 39	74 23	99 28	96 38	119 22	96 35		
13	D	230202	230202	SB 180604	D 200035	0.0						102 58	103 46	101 40	94 36	99 35	98 40	105 24	95 37		
14	D	240002	D240002	SB 200577	D 210080	0.0						78 52	106 33	120 28	93 26	98 25	99 30	84 20	91 28		
15	D	240005	D240005	VOVA210034	D 210074	0.0						114 54	94 37	90 29	99 23	95 25	90 31	86 20	83 29		
16	D	240006	D240006	SB 200577	D 210054	0.0						82 53	103 33	118 28	93 26	98 25	98 30	84 20	90 28		
17	D	240007	D240007	SB 200577	D 210064	0.0						78 52	106 33	120 28	93 26	98 25	99 30	84 20	91 28		
18	D	240011	D240011	VOVA210034	D 210053	0.0						131 54	88 37	85 29	100 23	95 25	90 31	86 20	83 29		
19	D	240020	D240020	SB 200577	D 210063	0.0						84 53	103 33	117 28	93 26	98 25	98 30	84 20	90 28		
20	D	240026	D240026	SB 200577	D 210058	0.0						87 53	102 33	117 28	94 26	98 25	98 30	84 20	90 28		
21	D	240027	D240027	VOVA210034	D 210065	0.0						111 54	95 37	91 29	99 23	95 25	90 31	86 20	83 29		
22	D	240029	D240029	VOVA210034	D 210060	0.0						130 54	88 37	85 29	100 23	95 25	90 31	86 20	83 29		
23	D	240031	D240031	VOVA210034	D 210077	0.0						119 54	92 37	89 29	99 23	95 25	90 31	86 20	83 29		
24	D	240036	D240036	VOVA210034	D 210070	0.0						121 54	91 37	88 29	99 23	96 25	91 31	86 20	84 29		
25	D	240046	D240046	VOVA210034	D 200021	0.0						134 56	87 37	84 29	100 23	96 25	90 32	86 20	84 30		
26	D	240049	D240049	VOVA210034	D 200067	0.0						111 56	95 37	91 29	99 23	96 25	91 32	86 20	84 30		
27	D	240057	D240057	SB 200577	D 200065	0.0						80 54	104 33	119 28	93 26	99 25	98 31	84 20	91 29		
28	D	240059	D240059	VOVA210034	D 200035	0.0						115 56	93 37	89 29	99 23	96 25	91 32	86 20	84 30		
29	D	240062	D240062	VOVA210034	D 210067	0.0						120 54	92 37	88 29	99 23	96 25	91 31	86 20	84 29		
30	D	240063	D240063	SB 200577	D 200063	0.0						81 54	103 33	118 28	93 26	99 25	98 31	84 20	91 29		
31	D	240064	D240064	SB 200577	D 200041	0.0						78 54	105 33	120 28	93 26	99 25	99 31	84 20	92 29		
32	D	240066	D240066	SB 200577	D 200032	0.0						78 54	105 33	119 28	93 26	99 25	98 31	84 20	91 29		
33	D	240070	D240070	SB 200577	D 200026	0.0						80 53	104 33	119 28	93 26	99 25	98 30	84 20	91 28		
34	D	240074	D240074	SB 200577	D 200039	0.0						83 54	103 33	118 28	93 26	99 25	98 31	84 20	91 29		
35	D	240075	D240075	VOVA210034	D 200064	0.0						110 56	95 37	91 29	99 23	96 25	91 32	86 20	84 30		
36	D	240114	D240114	BOS 177663	D 180001	0.0	HH	0	0	0		91 83	114 83	101 81	85 79	102 79	99 74	113 78	97 75		

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	
37	PB 210057	PB210057	PB 180054	PB 160163	0.0	HH	0	0	0		8983	11684	8781	8778	10779	9774	9978	9375
38	VOVA210034	VOVA210034	V8 160085	VYF 130097	0.4	HH	1	0	0		12591	10388	7386	9584	10385	9680	9785	9281
39	VOVA230030	230030	BOS 188154	VOVA210003	1.9						9457	11161	7658	10137	10443	9548	9740	9046
1	D 220052	220052	VOVA170134	D 190501	0.0						10548	9132	10127	10518	9024	8828		

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	SB	220101	SB220101	SCH 150116	SB 170237	0.1					104	69	135	69	113	61	72	56	101	49	122	56	152	36	127	52		
2	SB	230263	SB230263	BC 191068	SB 180255	0.0					106	64	110	67	126	53	93	43	106	40	126	50	105	28	120	46		
											★★★★★☆☆																	
1	D	210016	D210016	VOVA180052	D 150003	0.0					94	66	108	66	95	60	92	14	123	44	111	47						
2	D	210018	D210018	VOVA180052	D 160022	0.0					107	67	99	64	103	57	95	14	114	43	110	46						
3	D	220013	220013	VOVA180052	D 150003	0.0					117	65	88	66	102	60	109	14	119	41	116	47						
4	SB	230116	SB230116	SB 210501	SB 190040	4.1					134	63	106	66	90	52	94	46	111	39	118	50	117	29	116	46		
5	SB	230180	SB230180	SB 190655	SB 200152	0.1					126	65	88	68	118	55	112	43	100	40	118	51	95	26	111	46		
6	SB	230181	SB230181	SB 180519	SB 170043	0.9					105	68	115	69	88	59	91	52	111	47	110	55	103	31	105	50		
7	SB	230212	SB230212	SB 180519	SB 170197	1.0					106	67	112	69	84	59	102	50	111	45	112	54	91	30	105	49		
8	SB	230241	SB230241	SB 210506	SB 210225	1.3					118	63	104	63	106	45	92	42	105	36	113	46	99	28	107	42		
9	SB	230266	SB230266	SB 210525	SB 190036	0.6					132	64	91	67	89	52	111	44	109	38	112	49	106	26	108	44		
10	SB	230288	SB230288	RG 180115	FXF 100210	0.0					110	67	98	61	130	58	94	49	97	44	113	52	107	27	109	47		
11	SB	230305	SB230305	SB 210583	SB 190132	0.8					107	59	112	60	109	47	85	34	108	31	114	43	119	24	113	39		
											★★★★★☆☆																	
1	D	210005	D210005	VOVA180052	D 170091	0.0					119	65	83	64	78	58	113	14	119	43	102	46						
2	D	220006	220006	VOVA180052	D 190006	0.0					87	67	99	67	103	59	101	14	114	44	103	47						
3	D	220011	220011	VOVA180052	D 190026	0.0					89	61	104	63	113	56	89	14	114	40	108	44						
4	D	220024	220024	VOVA180052	D 180004	0.0					105	65	96	64	96	57	98	14	119	42	109	46						
5	D	220030	220030	VOVA180052	D 150005	0.0					98	63	96	65	105	59	95	14	114	41	105	46						
6	D	230039	230039	VOVA180052	D 180004	0.0					114	60	86	62	93	50	109	14	114	35	105	42						
7	D	230041	230041	VOVA180052	D 150006	0.0					103	61	93	63	110	50	93	14	109	35	102	42						
8	D	230110	230110	SB 180604	D 200022	0.0					92	58	108	59	105	45	92	36	100	35	100	44	107	24	97	40		
9	D	230151	230151	SB 180604	D 200029	0.0					89	56	113	59	108	45	88	36	98	36	100	43	112	24	98	39		
10	D	240052	D240052	VOVA210034	SB 220279	0.6					126	61	104	49	86	39	87	31	102	31	100	39	108	24	97	36		
11	D	240061	D240061	SB 200577	D 200022	0.0					84	54	103	36	120	34	93	26	100	25	100	32	84	20	92	30		
12	D	240065	D240065	SB 200577	D 200030	0.0					79	54	107	33	121	28	93	26	100	25	102	31	84	20	94	29		
13	D	240106	D240106		D 210016	0.0					102	49	94	53	101	32	112	7	100	24	102	32						

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	% Inbreeding	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	
Sorted on ID						nt821 Horned / Polled Q204X F94L Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	
								★★★★☆							
14	D	240124	D240124	VOVA180052	D 190052	0.0	94 62	101 63	102 52	92 14	112 34	101 43			
15	D	240136	D240136	VOVA180052	D 190112	0.0	100 61	93 62	111 49	93 14	108 35	101 42			
16	D	240137	D240137	JAN 177026	D 190060	0.0	103 58	93 60	100 46	117 19	96 30	100 40			
17	SB	180019	SB180019	SB 150638	SB 160078	0.3	115 74	104 73	98 75	92 44	104 48	106 58	98 22	101 51	
18	SB	220183	SB220183	UKJ 100182	SB 150003	0.0	75 68	125 66	114 62	78 48	99 48	102 54	122 26	102 48	
19	SB	220279	SB220279	SB 190590	SB 190007	3.4	112 64	111 64	103 51	80 43	100 40	103 49	120 26	103 44	
20	SB	220292	SB220292	SB 200646	SB 180291	0.1	101 64	102 64	109 50	95 45	97 38	100 49	103 24	97 44	
21	SB	220296	SB220296	SB 180519	SB 190127	0.8	111 66	116 68	90 57	86 49	101 46	104 53	97 29	99 48	
22	SB	230128	SB230128	SB 210501	SB 190213	1.2	87 63	117 66	94 52	82 45	118 39	106 49	113 28	104 45	
23	SB	230153	SB230153	SB 210511	SB 210123	1.0	102 60	114 64	112 44	85 36	99 33	109 44	110 28	106 41	
24	SB	230161	SB230161	SB 210511	SB 210091	0.6	77 62	127 64	110 45	78 37	106 36	107 46	122 30	107 43	
25	SB	230163	SB230163	SB 210506	SB 210130	0.2	83 60	116 63	101 46	100 41	95 35	100 46	94 24	94 42	
26	SB	230184	SB230184	BOS 166563	SB 120005	0.0	103 64	84 68	104 56	123 39	99 36	100 49	75 22	91 44	
27	SB	230205	SB230205	SB 210525	SB 180102	0.0	130 66	104 67	89 53	95 44	103 39	109 50	106 25	105 45	
28	SB	230229	SB230229	SB 210514	SB 190016	0.6	87 61	115 64	116 48	83 42	103 38	107 47	119 26	106 43	
29	SB	230233	SB230233	BOS 166563	SB 170198	0.0	110 64	81 67	95 54	126 46	106 41	104 51	80 28	95 46	
30	SB	230237	SB230237	SB 210506	SB 210195	2.1	120 61	106 63	97 46	92 40	98 36	105 46	101 26	101 42	
31	SB	230247	SB230247	SB 210613	SB 210249	3.9	105 59	108 59	103 45	100 41	101 34	109 44	116 24	108 40	
32	SB	230258	SB230258	BC 191068	SB 180100	0.0	90 64	108 68	114 53	92 46	97 43	101 51	104 28	97 46	
33	SB	230274	SB230274	SB 180519	SB 180196	0.9	129 67	108 69	63 59	94 52	113 47	103 55	97 32	98 50	
34	SB	230292	SB230292	BC 191068	SB 180095	0.0	77 64	117 67	118 53	80 42	100 42	100 50	117 28	99 46	
35	SB	230303	SB230303	SB 180519	SB 190128	1.6	116 66	112 67	81 56	93 49	104 45	103 53	91 28	97 48	
								★★★☆☆							
1	D	210011	D210011	VOVA180052	D 160002	0.0	102 66	90 66	89 60	105 14	111 43	95 47			
2	D	210012	D210012	VOVA180052	D 150005	0.0	113 66	85 66	98 64	105 14	106 43	98 48			
3	D	210014	D210014	VOVA180052	D 150021	0.0	90 66	101 64	110 57	92 14	104 42	99 46			
4	D	210020	D210020	VOVA180052	D 160001	0.0	97 65	91 64	87 58	110 14	107 43	92 46			
5	D	220001	220001	SB 180519	D 150007	0.0	109 64	100 67	83 63	96 36	102 44	92 51	81 25	84 46	
6	D	220004	22004	SB 170563	D 190008	0.0	113 60	100 61	111 44	97 27	82 41	95 44	80 24	87 40	
7	D	220017	220017	VOVA180052	D 180015	0.0	103 62	92 61	95 47	101 14	101 40	91 42			

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		Acc						
									★★★★																	
8	D	220018	220018	VOVA180052	D	150001					93	65	91	66	84	60	110	14	112	41	93	47				
9	D	220020	220021	VOVA180052	D	160001					95	65	97	64	96	58	101	14	108	43	98	46				
10	D	220026	220026	VOVA180052	D	160021					102	66	95	64	92	57	97	14	115	42	99	46				
11	D	220033	220033	VOVA180052	D	150002					110	66	89	64	90	53	105	14	102	41	92	45				
12	D	220037	220037	VOVA180052	D	190007					98	63	98	63	98	46	99	14	106	41	98	43				
13	D	220048	220048	VOVA180052	D	190112					98	63	97	62	111	49	93	14	101	40	97	43				
14	D	230028	230028	VOVA180052	D	150001					103	65	87	64	97	53	105	14	110	35	98	44				
15	D	230032	230032	VOVA180052	D	170095					107	61	90	63	98	51	99	14	107	35	97	43				
16	D	230040	230040	VOVA180052	D	160002					103	63	91	64	92	54	102	14	111	36	97	44				
17	D	230045	230045	VOVA180052	D	170091					118	61	81	62	80	51	116	14	113	35	99	42				
18	D	230048	230048	JAN 177026	D	190060					104	61	88	59	103	46	119	19	95	30	99	41				
19	D	230055	230054	JAN 177026	D	170097					107	58	97	47	98	46	102	19	96	31	96	38				
20	D	230102	230102	CR 170085	D	200045					88	54	119	42	101	33	77	23	97	27	94	33	115	22	93	31
21	D	230103	230103	CR 170085	D	200032					81	55	121	42	104	33	77	23	99	27	95	34	115	22	94	32
22	D	230105	230105	SB 180604	D	200041					96	58	105	46	104	40	94	36	99	35	98	40	105	24	95	37
23	D	230109	230109	CR 170085	D	200043					83	54	121	42	103	33	77	23	97	27	94	33	115	22	93	31
24	D	230111	230111	CR 170085	D	200039					89	55	119	42	101	33	77	23	99	27	95	34	115	22	94	32
25	D	230112	230112	SB 180604	D	200036					94	56	106	46	104	40	94	36	98	35	97	39	105	24	94	36
26	D	230120	230120	SB 180604	D	200048					97	58	104	46	103	40	94	36	100	35	98	40	105	24	95	37
27	D	230123	230123	SB 180604	D	200034					98	56	104	46	102	40	94	36	98	35	97	39	105	24	94	36
28	D	230125	230125	CR 170085	D	200042					86	54	120	42	102	33	77	23	97	27	94	33	115	22	93	31
29	D	230128	230128	SB 180604	D	200049					97	58	104	46	103	40	94	36	100	35	98	40	105	24	95	37
30	D	230132	230132	CR 170085	D	200037					83	54	121	42	103	33	77	23	97	27	94	33	115	22	93	31
31	D	230150	230150	CR 170085	D	200024					83	54	121	56	103	39	79	23	99	28	96	38	113	22	94	35
32	D	240001	D240001	VOVA210034	D	210051					116	56	93	37	89	29	99	23	96	25	91	32	86	20	84	30
33	D	240003	D240003	SB 200577	D	210078					80	54	104	33	119	28	93	26	99	25	98	31	84	20	91	29
34	D	240004	D240004	VOVA210034	D	210052					119	54	92	37	88	29	99	23	95	25	90	31	86	20	83	29
35	D	240008	D240008	VOVA210034	D	210073					107	54	96	37	92	29	99	23	95	25	90	31	86	20	83	29
36	D	240015	D240015	SB 200577	D	210087					90	53	100	33	116	28	94	26	98	25	98	30	84	20	90	28
37	D	240016	D240016	VOVA210034	D	210075					119	54	92	37	88	29	99	23	95	25	90	31	86	20	83	29
38	D	240018	D 240018	VOVA210034	D	210069					109	54	95	37	91	29	99	23	95	25	90	31	86	20	83	29
39	D	240024	D240024	SB 200577	D	210057					95	53	99	33	114	28	94	26	98	25	98	30	84	20	90	28

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Inbreeding	Myostatin	Calving Ease	Calf Growth	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	
Sorted on ID					%	nt821 Horned / Polled Q204X F94L Genomic tested	Value Acc	Value Acc	Value Acc	Value Acc	Value Acc	Value Acc	Value Acc	Value Acc	
							★★★★								
40	D	240025	D240025	VOVA210034	D 210055	0.0	126 54	89 37	86 29	99 23	95 25	90 31	86 20	83 29	
41	D	240034	D240034	VOVA210034	D 210088	0.0	116 42	93 37	89 29	99 23	95 25	90 29	86 20	83 27	
42	D	240040	D240040	VOVA210034	D 210050	0.0	115 54	94 37	90 29	99 23	96 25	91 31	86 20	84 29	
43	D	240044	D240044	VOVA210034	D 210061	0.0	118 54	92 37	89 29	99 23	96 25	91 31	86 20	84 29	
44	D	240048	D240048	SB 200577	D 210079	0.0	87 53	101 33	116 28	94 26	99 25	98 30	84 20	91 28	
45	D	240050	D240050	VOVA210034	SB 220183	0.3	100 62	114 50	94 43	86 33	101 34	99 41	109 24	97 38	
46	D	240051	D240051	VOVA210034	D 200059	0.0	123 56	90 37	87 29	99 23	96 25	91 32	86 20	84 30	
47	D	240054	D240054	SB 200577	D 200057	0.0	80 54	104 33	119 28	93 26	99 25	98 31	84 20	91 29	
48	D	240060	D240060	VOVA210034	D 200066	0.0	121 56	91 37	88 29	99 23	96 25	91 32	86 20	84 30	
49	D	240073	D240073	VOVA210034	D 210071	0.0	124 54	90 37	87 29	99 23	96 25	91 31	86 20	84 29	
50	D	240111	D240111		D 210019	0.0	106 47	77 52	108 29	125 10	89 21	93 31			
51	D	240115	D240115	BOS 177663	D 170092	0.0	102 62	106 64	96 53	90 32	92 34	90 46	102 23	87 41	
52	SB	200104	SB200104	BOS 166392	SB 130005	0.7	94 72	110 70	114 69	81 47	98 50	99 57	103 28	96 51	
53	SB	220093	SB220093	BOS 155048	SB 140224	0.0	119 69	98 69	94 61	93 50	97 48	96 55	90 31	90 50	
54	SB	220166	SB220166	MS 180026	SB 130081	1.6	70 67	122 69	109 59	87 46	96 45	97 53	117 29	96 48	
55	SB	220234	SB220234	BC 181137	SB 150250	0.0	95 66	107 69	102 55	83 45	109 41	99 51	87 24	92 46	
56	SB	220247	SB220247	SB 190590	SB 180221	1.2	79 62	113 64	110 52	77 43	102 40	93 49	123 24	94 44	
57	SB	230027	SB230027	SB 180519	SB 150298	0.7	107 68	107 68	81 59	91 49	109 45	97 54	81 28	89 49	
58	SB	230119	SB230119	SB 210525	SB 140043	0.0	106 65	101 68	95 55	84 44	105 39	94 51	100 26	90 46	
59	SB	230178	SB230178	SB 210506	SB 210196	5.1	82 61	115 64	101 46	92 43	98 36	97 47	100 27	93 43	
60	SB	230246	SB230246	SB 210613	SB 210087	1.9	77 59	107 62	100 47	100 41	101 37	94 46	98 24	90 42	
61	SB	230251	SB230251	SB 210554	SB 180086	0.9	78 61	112 64	107 50	83 44	109 40	98 48	116 28	97 44	
62	SB	230252	SB230252	BC 191068	SB 180106	0.0	90 64	118 67	93 53	77 43	98 40	90 50	105 28	87 46	
63	SB	230262	SB230262	SB 210528	SB 180121	0.3	77 60	114 63	134 45	69 39	92 33	94 45	116 25	94 41	
64	SB	230269	SB230269	SCH 150178	FXF 110045	0.0	125 68	84 69	80 61	94 51	118 47	94 55	93 29	89 50	
65	SB	230270	SB230270	BC 181137	SB 150041	0.0	100 66	99 69	102 55	84 38	103 42	91 51	90 26	85 46	
66	SB	230277	SB230277	SB 210513	SB 180202	0.2	90 59	116 61	88 45	86 36	103 32	94 44	113 24	93 40	
67	SB	230279	SB230279	SB 210554	SB 180117	0.0	125 60	89 63	90 48	92 37	101 36	92 46	103 24	89 42	
68	SB	230281	SB230281	BOS 199109	SB 190011	0.5	98 62	105 66	76 50	109 41	100 40	93 48	106 26	90 44	
69	SB	230286	SB230286	SB 210528	SB 180109	0.0	109 61	96 64	90 47	104 39	92 35	90 46	92 24	85 42	
70	SB	230293	SB230293	BOS 166286	BOS 100024	0.4	87 66	101 68	95 59	101 46	103 45	93 53	86 28	86 48	
71	SB	230295	SB230295	BOS 199277	SB 180002	1.1	105 61	112 65	80 51	88 40	100 40	92 48	109 22	90 43	

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	
											★★★★				
72	SB 230301	SB230301	SB 210525	SB 180004	2.0		101 64	111 67	80 53	79 46	109 42	91 51	102 28	88 46	
73	SB 230306	SB230306	SB 200549	SB 180187	0.7		69 61	119 63	109 49	84 41	101 38	96 47	96 26	91 43	
											★★★★☆				
1	D 210003	210003	BA 100010	D 170008	0.0		93 65	98 55	101 60	102 39	88 43	86 48	80 32	78 45	
2	D 210028	D210028	JAN 177026	D 100001	0.0		101 63	91 62	96 55	117 19	88 41	89 45			
3	D 220003	22003	VOVA180052	D 180159	0.0		98 61	93 61	103 47	96 14	96 40	88 42			
4	D 240069	D240069	VOVA210034	D 200055	0.0		117 56	93 37	89 29	99 23	94 25	89 32	86 20	83 30	
5	D 240116	D240116	BOS 177663	D 160021	0.0		89 61	110 62	102 50	88 32	92 35	89 45	100 23	86 41	
6	D 240126	D240126		CDM 210047	0.0		95 48	85 51	107 27	118 7	84 12	85 28			
7	SB 220290	SB220290	SB 190606	SB 150127	0.0		107 65	98 66	71 54	105 45	92 39	80 50	82 26	73 45	
8	SB 230188	SB230188	BOS 155048	SB 140157	0.5		116 68	105 69	78 62	86 53	93 47	84 55	89 32	78 50	
9	SB 230239	SB230239	MS 180026	SB 170085	3.8		74 66	105 68	100 57	90 50	96 45	81 53	85 31	75 49	
10	SB 230259	SB230259	SB 200549	SB 160153	0.0		91 62	102 65	108 51	84 41	93 40	86 48	89 30	80 44	
11	SB 230284	SB230284	SB 210513	SB 190130	0.0		104 59	104 62	84 46	93 40	95 33	86 45	101 22	83 40	
12	SB 230290	SB230290	SB 210536	SB 130022	6.3		85 60	92 63	98 50	89 43	111 37	84 47	78 28	77 43	
13	SB 230296	SB230296	BOS 199277	SB 180155	0.1		84 60	114 65	86 50	88 42	99 40	86 48	96 23	82 43	
											★★★				
1	SB 230243	SB230243	RG 160132	SB 160002	0.4		97 67	96 67	53 59	103 51	107 45	73 54	93 26	69 48	
2	SB 230245	SB230245	RG 160132	SB 140009	0.6		69 68	111 69	91 61	68 55	103 48	71 56	111 29	71 51	

Selection List on Cow Value

Bull Calves younger than 2 years

ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin			Genomic tested	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value									
Sorted on ID							nt821	Q204X	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc									
										★★★★☆																	
1	D	250204	D250204	VOVA210034	D 220030	0.2					104	60	104	60	90	43	92	24	110	32	100	41	95	21	95	37	
2	D	250222	D250222	VOVA180052	D 200017	0.0					96	62	105	64	99	48	90	14	109	36	102	43					
3	D	250250	D250250	JAN 177026	D 210005	0.1					111	60	90	52	93	43	115	21	106	35	104	40					
4	D	260027	D260027	VOVA180052	SB 200104	0.1					101	65	103	58	102	51	86	28	112	40	104	45					
5	D	260033	D260033	VOVA180052	D 200017	0.0					106	61	97	55	101	47	96	14	109	35	103	40					
6	D	260034	D260034	VOVA180052	D 190052	0.0					86	62	99	53	108	51	96	14	110	34	100	40					
7	D	260037	D260037	VOVA180052	D 160022	0.0					107	62	97	51	101	48	95	14	111	34	105	39					
										★★★★																	
1	D	250001	D250001	VOVA210034	D 210051	0.0					121	56	91	37	88	29	99	23	96	25	91	32	86	20	84	30	
2	D	250004	D250004	VOVA210034	SB 220292	0.9					110	60	104	49	92	39	95	32	100	30	98	39	100	23	94	36	
3	D	250014	D250014	VOVA210034	D 200048	0.0					109	56	96	37	92	29	99	23	97	25	91	32	86	20	84	30	
4	D	250016	D250016	VOVA210034	D 230155	0.0					121	54	91	37	88	29	99	23	97	25	91	31	86	20	84	29	
5	D	250022	D250022	VOVA210034	D 210078	0.0					114	56	93	37	90	29	99	23	96	25	91	32	86	20	84	30	
6	D	250221	D250221	VOVA180052	D 220001	0.0					96	63	104	66	89	50	92	23	114	39	99	46					
7	D	250224	D250224	VOVA210034	D 220097	0.0					107	56	99	55	94	36	93	23	99	26	92	37	92	20	87	34	
8	D	250226	D250226	VOVA180052	D 190006	0.0					94	63	102	65	96	52	93	14	108	37	96	44					
9	D	260009	D260009	SB 220734	D 230061	0.0					108	49	98	34	101	27	84	24	103	22	94	29					
10	D	260010	D260010	SB 220734	D 230028	0.2					101	56	102	46	98	38	84	25	112	28	99	36					
11	D	260015	D260015	IAN 222037	D 230060	0.0					107	46	97	29	103	22	99	11	92	16	94	23					
12	D	260019	D260019	BOS 166103	D 210014	0.1					85	63	111	56	99	48	87	32	105	40	96	45	104	26	93	41	
13	D	260020	D260020	BOS 177663	SB 180019	0.0					108	66	110	60	93	55	88	39	95	39	95	48	106	26	93	44	
14	D	260026	D260026	VOVA180052	D 180028	0.0					106	58	91	48	103	43	95	14	108	33	98	37					
15	D	260030	D260030	IAN 222037	D 220033	0.0					110	53	99	43	95	34	99	13	97	26	96	32					
16	D	260031	D260031	VOVA180052	D 220097	0.0					96	58	95	48	105	43	95	14	109	33	98	37					
17	D	260038	D260038	VOVA180052	D 190006	0.0					97	63	97	56	97	51	97	14	108	36	97	41					
										★★★★☆																	
1	D	250005	D250005	VOVA210034	SB 220290	0.1					114	61	101	49	72	40	100	32	98	30	88	39	89	24	82	36	
2	D	250216	D250216	VOVA180052	D 170008	0.0					103	62	94	62	88	49	96	14	105	34	89	42					

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							
										★ ★ ★														
3	D	260005	D 210028		0.0					107	47	85	31	100	28	117	10	78	20	83	25			



Selection List on Cow Value

Heifers younger than 2 years

ID		Name		Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin		Genomic tested	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value									
Sorted on ID								nt821	Q204X	F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc								
											★★★★☆																
1	D	250202	D250202	VOVA210034	D 220013	0.2					123	61	96	61	86	43	101	24	111	32	106	42	88	21	99	38	
2	D	250206	D250206	VOVA210034	D 220011	0.2					108	59	103	60	93	42	93	24	108	32	102	41	93	21	96	37	
3	D	250208	D250208	VOVA210034	D 220006	0.2					102	61	102	61	89	43	99	24	108	33	100	42	88	21	93	38	
4	D	250214	D250214	JAN 177026	D 210014	0.1					90	61	106	62	108	44	99	21	99	35	101	42					
5	D	250215	D250215	JAN 177026	D 220024	0.1					102	60	101	62	100	44	105	21	107	35	108	42					
6	D	250217	D250217	VOVA180052	SB 200104	0.1					96	65	107	68	102	52	86	28	112	41	104	48					
7	D	250218	D250218	VOVA180052	D 190052	0.0					98	62	91	63	108	52	100	14	110	34	101	43					
8	D	250219	D250219	JAN 177026	D 210012	0.1					109	61	86	63	106	46	117	21	100	35	105	43					
9	D	250227	D250227	VOVA180052	D 160021	0.0					103	61	92	51	104	48	95	14	111	35	101	39					
10	D	250235	D25235	VOVA180052	D 160022	0.0					110	62	96	51	100	48	95	14	112	35	105	39					
11	D	260012	D260012	IAN 222037	D 230048	1.7					101	51	101	41	103	32	106	15	94	21	100	30					
12	D	260023	D260023	IAN 222037	D 220026	0.0					113	53	99	43	94	36	95	13	104	26	100	32					
13	D	260028	D260028	VOVA180052	D 180027	0.0					105	58	92	48	107	43	94	14	108	33	100	37					
14	D	260029	D260029	IAN 222037	D 210018	0.0					108	54	104	43	101	36	94	13	103	27	106	33					
											★★★★																
1	D	250002	D250002	VOVA210034	D 230154	0.0					118	54	92	37	89	29	99	23	97	25	91	31	86	20	84	29	
2	D	250003	D250003	VOVA210034	D 230158	0.0					116	54	93	37	89	29	99	23	95	24	90	31	86	20	83	29	
3	D	250017	D250017	SB 200577	D 200049	0.0					78	54	105	33	119	28	93	26	100	25	99	31	84	20	91	29	
4	D	250018	D250018	VOVA210034	D 230142	0.0					120	54	92	37	88	29	99	23	97	25	91	31	86	20	84	29	
5	D	250019	D250019	SB 200577	D 200056	0.0					85	54	102	33	117	28	93	26	99	25	98	31	84	20	91	29	
6	D	250020	D250020	VOVA210034	D 230136	0.0					120	54	92	37	88	29	99	23	97	25	91	31	86	20	85	29	
7	D	250021	D250021	VOVA210034	D 230141	0.0					117	54	93	37	89	29	99	23	97	25	91	31	86	20	84	29	
8	D	250023	D250023	SB 200577	D 230148	0.0					78	52	105	33	119	28	93	26	100	25	99	30	84	20	91	28	
9	D	250024	D250024	SB 200577	D 210068	0.0					86	52	102	33	117	28	93	26	99	25	98	30	84	20	91	28	
10	D	250026	D250026	VOVA210034	D 210059	0.0					130	54	88	37	85	29	100	23	96	25	91	31	86	20	84	29	
11	D	250203	D250203	SB 180519	D 150007	0.0					121	64	91	65	81	57	101	36	101	39	91	49	76	25	83	44	
12	D	250205	D250205	BOS 177663	SB 180019	0.0					108	66	107	68	95	55	92	39	95	39	96	50	101	26	93	45	
13	D	250207	D250207	VOVA210034	D 220020	0.2					107	61	103	60	84	42	98	24	105	33	97	41	89	21	91	37	
14	D	250213	D250213	BOS 166103	D 180012	0.0					93	61	101	63	106	51	96	31	101	36	97	45	96	24	92	41	
15	D	250223	D250223	VOVA180052	D 170016	0.0					110	62	85	63	92	52	109	14	106	34	96	43					

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								
								★★★																
16	D	250228	D250228	VOVA180052	D	170003	0.0		112	62	89	53	79	51	109	14	105	35	91	40				
17	D	250245	D25245	JAN 177026	D	190098	0.0		108	57	89	44	108	41	111	19	91	29	97	36				
18	D	260006	D260006		SB	230205	0.0		109	49	97	34	100	26	105	22	86	19	92	28				
19	D	260007	D260007	SB 220734	D	230050	0.0		111	49	97	34	100	27	84	24	103	22	94	29				
20	D	260008	D260008	SB 220734	D	230063	0.0		107	49	99	34	102	27	84	24	103	22	94	29				
21	D	260011	D260011	SB 220734	D	230049	0.0		104	49	99	34	103	27	84	24	103	22	94	29				
22	D	260013	D260013	BOS 166103	D	210012	0.1		97	62	103	57	92	50	92	32	106	40	95	45	97	26	90	41
23	D	260017	D260017	BOS 177663	D	220024	0.0		96	63	109	57	93	49	91	32	102	38	96	45	98	24	92	41
24	D	260032	D260032	IAN 222037	D	220020	0.0		104	53	102	43	98	36	97	13	100	27	99	32				
25	D	260035	D260035	VOVA180052	D	170003	0.0		113	62	89	53	78	51	109	14	104	34	91	40				
26	D	260036	D260036	VOVA180052	D	180029	0.0		107	58	90	48	96	43	97	14	108	33	95	37				
								★★★☆☆																
1	D	250210	D250210	BOS 177663	D	210038	0.0		94	61	107	63	96	46	94	32	87	35	86	45	94	23	81	41
2	D	260002	D260002			D 210020	0.0		103	48	86	32	96	29	114	7	88	22	84	26				
3	D	260003	D260003			D 210011	0.0		103	49	86	33	98	30	112	7	90	21	87	26				
4	D	260016	D260016	BOS 177663	D	210038	0.0		92	61	106	54	97	45	95	32	87	35	85	42	92	23	80	38

	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.

