

BEEFMASTER

GENOMIC BREEDING VALUE REPORT

September 2026



MR H.D. WATSON

Herd Number: 598853

E-mail: admin@vova.co.za



BEEFMASTER
CATTLE BREEDERS' SOCIETY OF SA
BEESTELERSGENOOTSAP VAN SA



EBVs, EBVi's and GEBVs

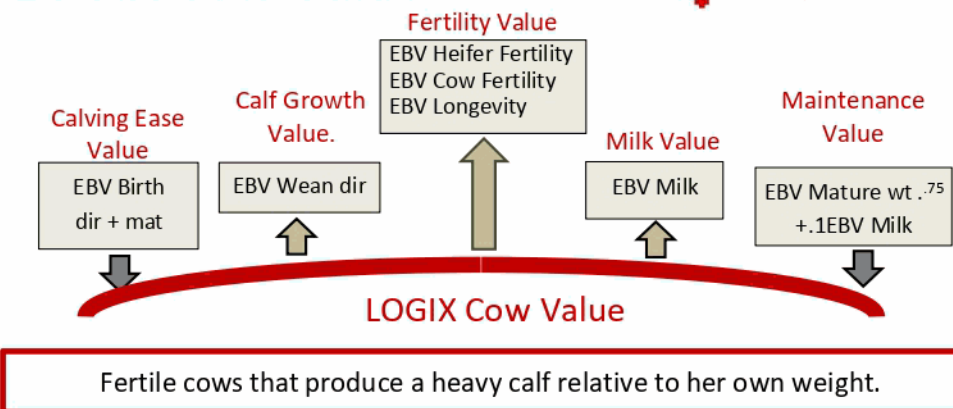
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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 Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

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.

How to use the Cow Value

Selection values should be compatible with your selection goal.

AVERAGE ANIMALS

(NO GROWTH EXTREMES)

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

GROWERS

(GOOD ENVIRONMENT)

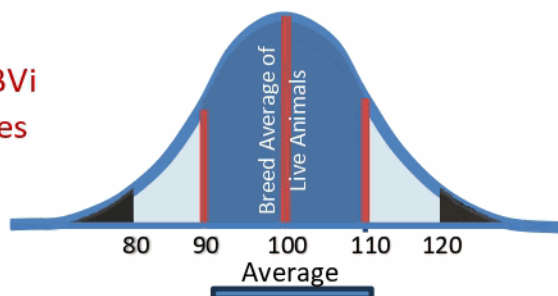
- WeanerCalf / Growth Value > 120
 - Cow Value and Fertility Value average to high
- Growers are usually heavier at birth (lower Calving Ease Value), and maturity (lower Maintenance Value).

LOW- MAINTENANCE ANIMALS

(HARSH ENVIRONMENT)

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

Interpretation of EBVi and Selection Values



Examples

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

Contemporary Groups

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

1. Animals at the same time, place and treatment

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

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

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

3. Larger groups stabilise Breeding Values

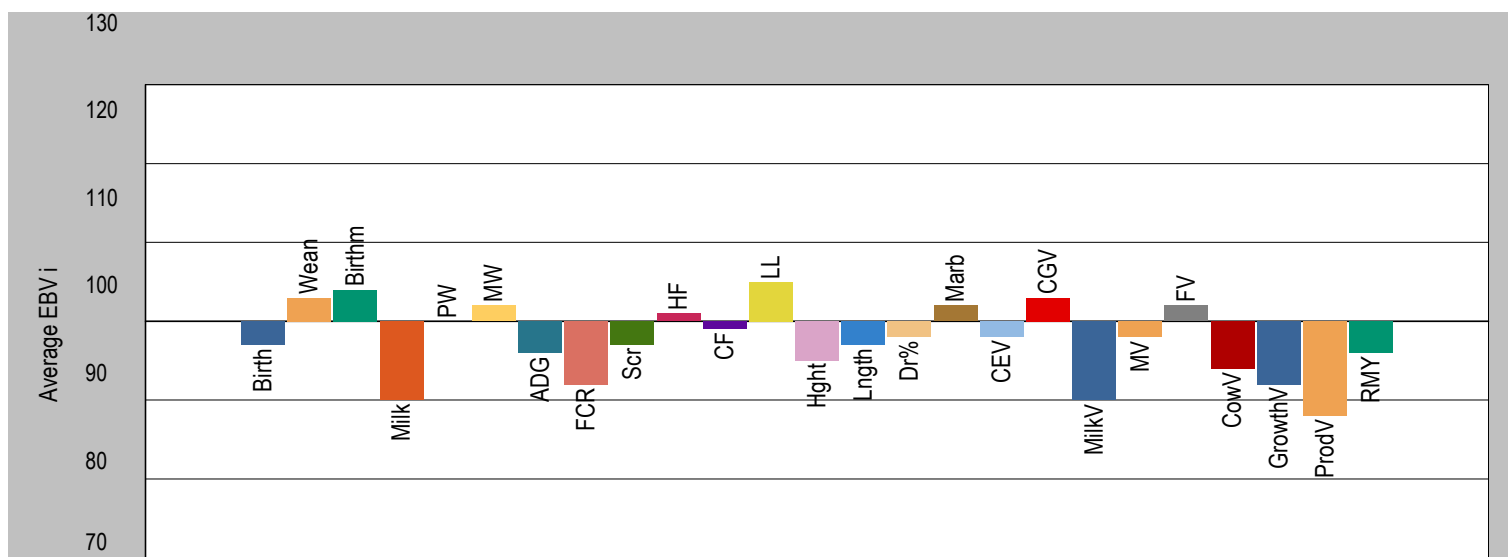
Larger groups result in more accurate and stable breeding values, as the mean and distribution of the group can be more accurately determined and are thus more representative. Groups should preferably have more than 5 animals. Weigh all the animals in the same group on the same day, as corrections for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

4. Measure all animals in the contemporary group

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



Herd and Breed Averages



Breeding Values:

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

Selection Values:

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

	Trait	EBV Herd	EBV Index	EBV Breed
Prewrite Growth	Birth Weight	0.58	97	0.34
	Wean Weight	14.1	103	12.1
	Birth Mat.	-0.21	104	-0.05
	Milk (Wn.Mat.)	-4.2	90	-1.4
Postwean Growth	Postwean Wt	19.0	100	19.0
	Mature Weight	9	102	7
	ADG	57	96	72
	FCR	-31	92	-39
Fertility	Scrotal Circumf.	9.1	97	11.1
	Heifer Fertility	-7.9	101	-7.5
	Cow Fertility	-3.8	99	-4.1
	Longevity	18.2	105	14.8
Frame	Height	-1	95	1
	Length	11	97	13
Carcass	EMA	0.63	98	0.85
	Fat	-0.05	97	0.11
	Marbling	0.39	102	0.30

Selection Value	Ave. Herd
Calving Ease	98
Calf Growth	103
Milk	90
Maintenance	98
Fertility	102
Cow Value	94
Growth Value	92
Production Value	88
Carcass Value	96

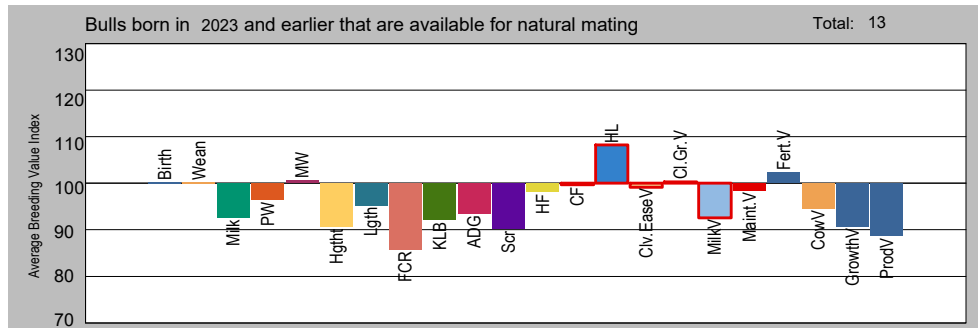
- Average of live animals in the breed: 100
- Above 100: **more favourable**,
- Below 100: **less favourable**

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

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

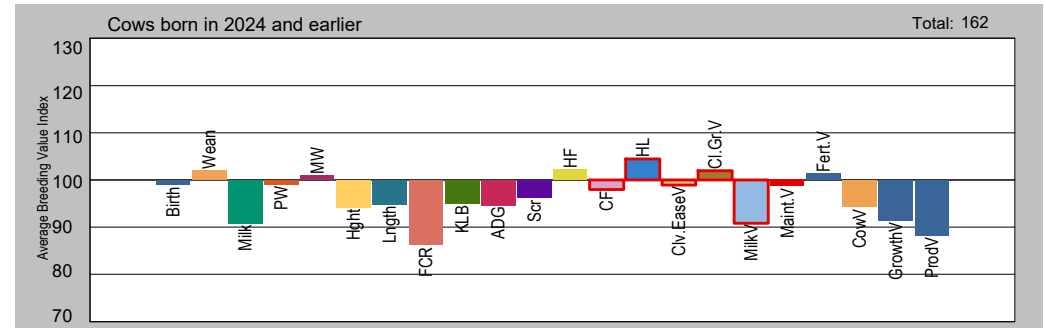
Genetic Windows

Bulls on the farm



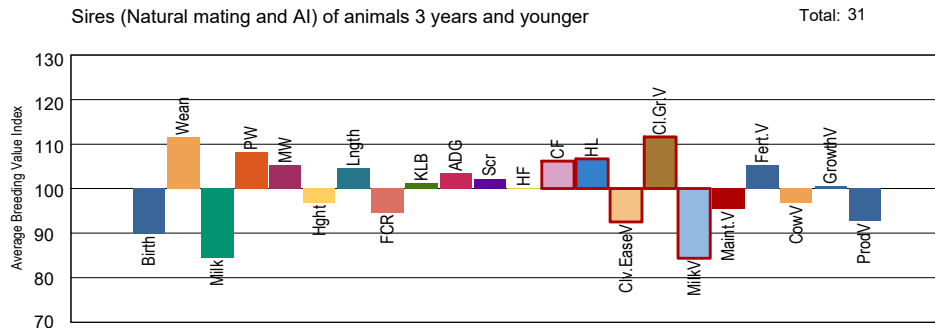
Animals available for breeding

Cow Herd

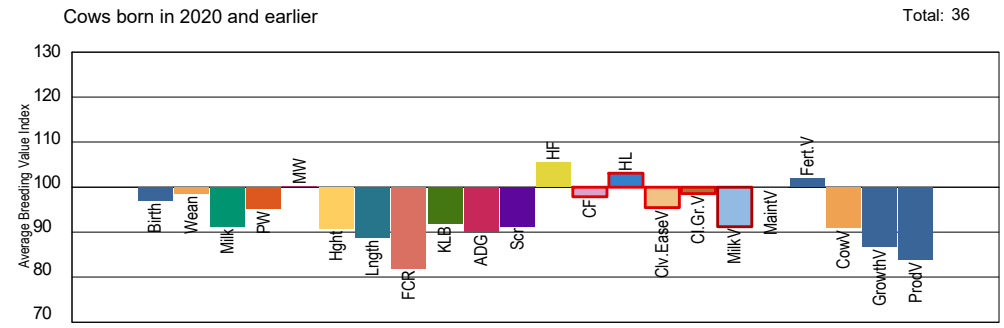


Results of previous selection decisions

Sires of young animals

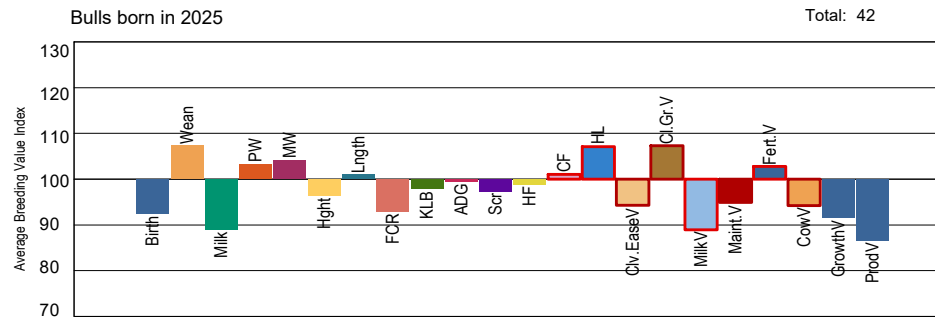


Cows older than 6 years

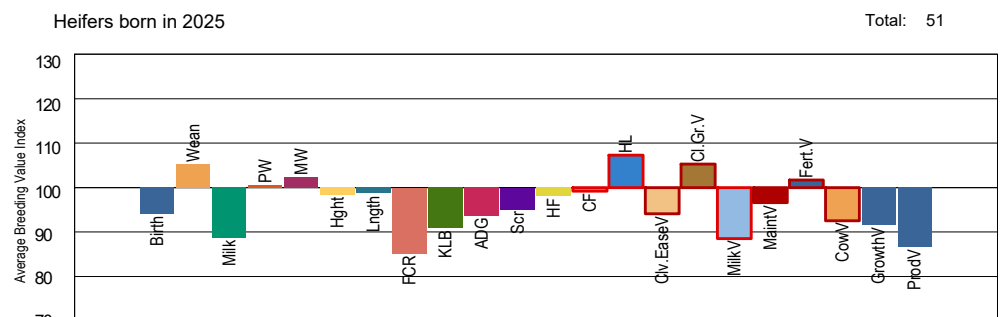


Selection possibilities

Bull calves



Heifer calves

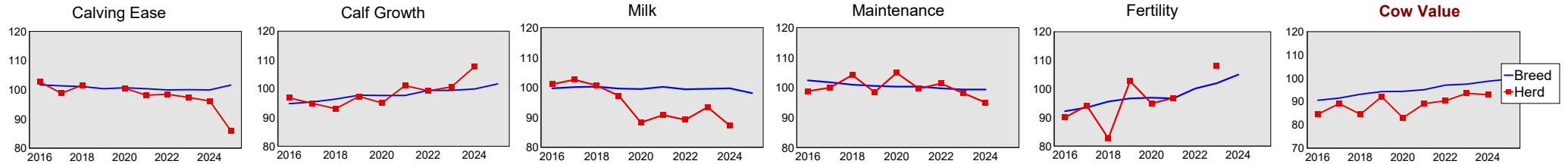


Summary of Cow Herd

			Selection Values (SV)								Calf Weight		Dam		Growth & Efficiency				Fertiity				Frame		
Birth Year	No. Cows	Average Cow Value	Calving Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Growth Value	Prod Value	Birth Weight	Wean Weight	Birth Mat.	Milk (Wn.Mat)	Postwn Weight	Mature Weight	ADG	Kleiber	Scrotal Circumf.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	
Cows in Breed Average:			100	99	100	101	100	100	99	100	100	99	99	100	99	99	99	99	99	99	100	100	100	99	99
2010	1	★★	89	92	126	87	76	76	85	70	94	92	88	126	85	111	94	92	74	82	69	95	95	99	
2011	1	★★	118	80	74	122	87	78	78	71	120	80	88	74	76	81	72	74	80	96	89	89	74	75	
2014	1	★★★★	86	106	102	91	103	95	104	92	88	106	98	102	106	107	109	109	119	107	97	106	116	108	
2015	3	★★★★	103	95	93	105	97	91	82	84	106	95	92	93	95	95	86	90	88	99	99	97	90	81	
2016	6	★★★★	95	96	94	100	109	96	82	88	97	96	98	94	93	99	87	89	88	115	106	102	87	87	
2017	1	★★★★☆	89	95	116	95	107	100	91	94	94	95	86	116	97	102	97	99	108	109	103	105	100	97	
2018	2	★★★★☆	100	93	125	97	97	103	89	96	102	93	94	125	91	101	99	101	104	103	100	93	99	94	
2019	15	★★★★	98	97	94	101	107	99	92	92	100	97	94	94	94	100	89	92	93	113	104	102	94	89	
2020	14	★★★★☆	95	101	83	100	99	86	85	79	95	101	100	83	96	101	89	90	90	101	93	106	88	88	
2021	18	★★★★	97	103	87	99	102	92	92	87	97	103	101	87	100	101	95	95	98	106	96	105	97	96	
2022	23	★★★★	98	102	88	100	101	93	93	87	98	102	102	88	100	100	98	100	100	102	94	107	95	96	
2023	36	★★★★	100	102	93	98	101	95	93	89	100	102	99	93	98	102	94	94	99	99	101	103	94	95	
2024	50	★★★★	101	104	92	98	101	97	93	92	101	104	101	92	101	101	96	95	95	101	98	105	95	98	
2025	51	★★★★	94	105	89	97	102	93	92	87	94	105	107	89	101	102	94	91	95	98	99	107	98	99	
2026	16	★★★★	92	106	94	93	99	91	93	86	90	106	112	94	101	106	101	99	97	97	97	105	98	104	
Cows in Herd Average:			97	98	97	99	99	92	90	86	98	98	97	97	96	101	93	94	95	102	96	102	95	94	

Genetic Trends for On-Farm Traits

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



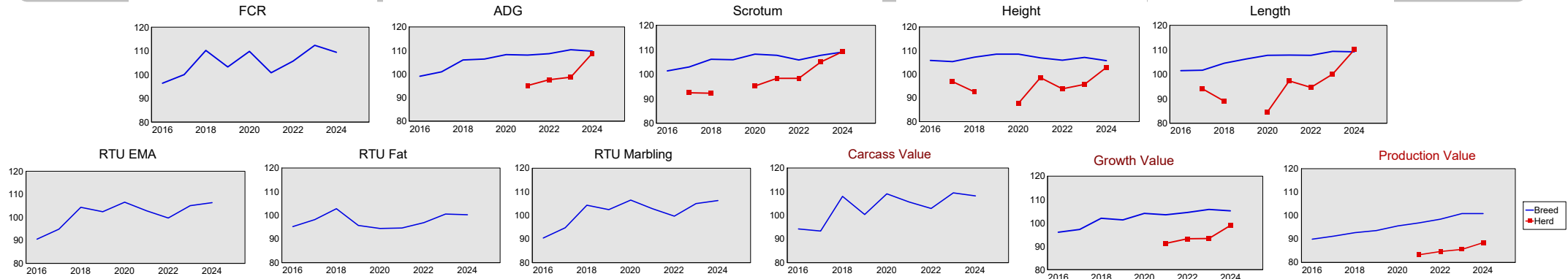
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance			Fertility								Cow Value	
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		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		
2016	27	-0.04	0.23	103	19	10.3	97	19	-1.07	101	16	13.8		99	6	-0.9	3	-3.9	33	4.7	90	85	
2017	5	0.35	0.10	99	32	9.2	95	32	-0.70	103	31	13.3		100	16	-4.1	3	-4.7	38	9.4	94	89	
2018	5	0.20	0.00	102	49	8.1	93	49	-1.21	101	31	12.9		104	18	1.5	2	0.4	50	5.2	83	85	
2019					67	10.6	97	67	-2.19	97	66	14.9		99	31	-12.4	11	-5.5	66	12.9	103	92	
2020	8	0.28	-0.01	101	79	9.3	95	79	-4.68	88	71	12.3		105	26	-5.2	12	-3.1	77	11.7	95	83	
2021	17	0.47	-0.01	98	56	12.8	101	56	-4.00	91	58	17.2		100	22	-10.3	11	-3.0	74	14.1	97	89	
2022	39	0.45	-0.03	98	44	11.7	99	44	-4.44	89	30	16.1		101					47	14.7		90	
2023	31	0.61	-0.23	97	36	12.5	101	36	-3.21	93	29	18.0		98	3	-9.0					108	94	
2024	17	0.68	-0.10	96	17	16.6	108	17	-4.97	87	5	24.8		95								93	
2026	1	1.82	-0.63	86																			

Breed

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

Genetic Trends for Growth Test Traits



Herd

Birth Year	Growth						Frame						Carcass						Selection Values					
	FCR			ADG			Scrotum			Height			Length			EMA			Fat		Marbling	Carcass Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	RTU Number	EBV	EBVi	EBV	EBVi	EBV			
2017							12	6.8	93	12	-1	97	12	8	94									
2018							20	6.7	92	20	-3	93	20	3	89									
2019																								
2020							12	8.5	95	12	-6	88	12	-1	85									
2021				42	55	95	42	10.2	98	42	1	99	42	11	97							91	83	
2022				36	63	98	42	10.1	98	42	-2	94	42	8	95							93	85	
2023				29	67	99	29	14.0	105	29	-1	96	29	13	100							93	86	
2024				9	104	109	9	16.4	109	9	3	103	9	23	110							99	89	
2026																								

Breed

Birth Year	Growth									Frame						Carcass						Selection Values			
	FCR			ADG			Scrotum			Height			Length			RTU Number	EMA		Fat		Marbling		Crasss 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.	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	Value	Dir	Dir	Mat.	Mat.	wt	weight					Fertility	Fertility	ty						
Name				Value	Value				Value	Value	Value																		Test		
BOS066369		WO 980062	BOS 011161	98	115	85	106	102	106	99	101	95	115	110	85	114	94	107	107	90	121	92	96	109	111	104	98	95	129	124	
				97	97	96	93	94	87	88	87	97	97	95	96	29.8	1	97	-46	5.3	-23.8	-2.4	12.4	6	24	1.23	-0.01	0.00	1	44	136
BOS100126		BOS 066337	BOS 055263	120	100	84	122	85	99	102	96	115	100	107	84	101	80	98	72	93	115	75	82	88	104	93	125	138	62	62	
				92	93	88	78	78	79	32	70	93	93	87	88	19.9	-15	65	-9	7.0	-18.8	1.0	3.4	-6	17	0.14	1.56	2.44		18	84
BOS111440		BOS 088246	BOS 099084	116	109	91	91	93	98	81	90	115	109	96	91	107	108	86	78	119	80	111	93	90	96	89	119	99	14	102	
				90	95	94	84	90	83	82	83	90	95	89	94	24.8	16	20	-15	21.7	8.1	-6.3	10.4	-4	9	-0.23	1.20	0.27	3	50	152
BOS133097		WO 980062	BOS 033011	101	114	87	95	123	117	107	113	99	114	132	87	112	104	117	125	97	115	127	112	83	103	115	105	94	5	184	
				88	97	95	72	90	82	60	78	89	97	84	95	28.2	11	132	-66	9.2	-19.2	-9.4	21.9	-9	17	2.34	0.40	-0.05	5	73	202
BOS133175		BOS 066188	BOS 099141	104	103	88	110	100	101	107	98	105	103	143	88	106	92	117	118	105	117	85	102	84	93	101	96	109		52	
				70	91	86	52	75	70	38	64	70	91	69	86	23.9	-2	134	-59	13.8	-21.0	-1.1	15.9	-8	7	0.98	-0.13	0.80	1	19	63
BOS144028		BOS 099241	BOS 100381	87	110	76	92	83	70	84	64	83	110	115	76	101	108	84	78	82	77	84	100	102	98	83	99	112	135	183	
				98	98	97	95	96	89	96	90	98	98	97	97	19.4	17	13	-15	0.8	10.3	-0.8	14.8	2	11	-0.84	0.06	0.98	34	67	132
BOS144062		BOS 099241	BOS 088419	89	114	98	94	109	107	102	103	87	114	128	98	112	104	103	90	80	116	95	113	90	112	111	99	102	2	49	
				76	91	87	64	77	73	43	67	77	91	74	87	28.3	12	84	-28	-0.3	-20.2	-3.0	23.0	-4	24	1.97	0.02	0.43	4	27	72
BOS144134		BOS 099315	BOS 100163	94	115	58	93	94	75	104	73	89	115	118	58	114	108	104	92	111	97	88	101	81	98	101	91	104	146	130	
				96	96	91	76	75	80	49	74	97	96	91	91	30.1	16	87	-30	17.4	-5.5	-1.7	15.6	-10	12	0.96	-0.40	0.55	8	38	95
BOS144174		BOS 100048	BOS 099083	112	103	80	111	95	98	89	91	111	103	98	80	100	92	96	87	99	115	75	104	115	113	93	89	94	81	211	
				98	98	97	95	96	89	95	90	98	98	96	97	18.9	-3	56	-25	10.6	-18.9	0.9	17.0	10	26	0.12	-0.53	-0.05	20	52	119
BOS155687		WO 100126	BOS 122623	97	114	89	93	91	92	116	91	94	114	111	89	117	106	110	91	109	108	78	98	103	120	116	97	110	51	137	
				87	95	84	50	73	73	48	68	91	95	75	84	32.0	13	110	-29	16.1	-13.4	0.4	13.8	3	33	2.40	-0.05	0.85	11	27	44
BOS166109		BOS 066337	BOS 099268	85	109	92	91	120	103	102	99	81	109	121	92	107	108	106	85	74	121	120	108	92	116	102	133	135	17	27	
				92	93	91	89	90	83	88	84	92	93	90	91	24.4	16	93	-23	-3.9	-23.6	-8.1	19.7	-3	28	1.05	2.04	2.31	2	11	21

Sires

Bull			Selection Values							Calf		Dam		Growth				Fertility				Frame		Carcass			Measured Progeny		
ID	Index EBV Acc	Sire ID Dam ID	Calv. Ease Value	Calf Grwth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	Birth Dir	Wean Dir	Birth Mat.	Wean Mat.	Post wn wt	Mature weight	ADG	FCR	Scrotal	Heifer Fertility	Cow Fertility	Long-evi ty	Height	Length	EMA	Fat	Marbling	Birth Grwth Test	Wean Dgt/Calvs.
BOS 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
BOS 188154		BOS 155327 BOS 166611	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
BOS188154			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
BOS 188495		BOS 144090 BOS 155109	86	111	100	101	134	127	112	124	82	111	122	100	112	97	123	121	94	119	137	122	96	112	116	120	109		177
BOS188495			94	98	96	94	94	87	94	88	1.82	18.8	-0.93	-1.3	28.4	3	156	-61	7.6	-22.4	-11.4	28.7	-1	25	2.44	1.29	0.79	4	4
BOS 188650		BOS 155327 BOS 155624	121	104	68	122	99	105	105	102	116	104	128	68	103	82	110	108	119	84	103	110	96	104	111	99	103	7	97
BOS188650			92	96	93	90	92	85	90	86	-0.99	14.3	-1.18	-10.5	21.1	-14	110	-48	22.0	4.7	-4.6	21.1	-1	17	1.95	0.06	0.46	5	9
BOS 199285		BOS 144451 BOS 144392	75	108	116	119	134	138	97	131	68	108	131	116	113	82	101	94	87	105	149	123	82	102	101	107	104	76	56
BOS199285			92	93	87	84	85	81	82	81	2.99	16.9	-1.29	3.2	29.3	-13	77	-32	3.7	-11.0	-13.8	28.8	-9	15	0.96	0.51	0.54		8
BOS 200011		BOS 155069 BOS 099178	97	108	99	93	116	111	96	105	96	108	104	99	107	105	101	96	87	114	115	108	89	97	97	97	104	125	112
BOS200011			95	96	92	89	90	85	90	86	0.70	17.0	-0.23	-1.7	24.4	13	75	-34	3.7	-18.3	-7.2	20.1	-5	10	0.51	-0.08	0.53	6	
CMO 180075		BOS 133077 CMO 130014	80	102	70	118	111	92	77	83	79	102	70	129	86	80	71	81	120	98	111	63	80	91	90	106	3	5	
CMO180075			85	88	85	82	84	78	82	79	2.06	13.5	-1.20	-9.8	12.6	-9	0	-7	0.3	-23.0	-3.7	21.6	-20	-6	-0.06	-0.46	0.62	3	
FXF 040408		FXF 010076 FXF 000137	106	101	81	93	82	73	96	70	106	101	99	81	103	107	100	92	101	93	74	94	103	93	95	85	114	604	493
FXF 04 0408			99	99	98	97	97	90	92	90	-0.14	12.8	-0.03	-6.8	21.3	15	71	-30	11.7	-1.7	1.1	10.9	3	7	0.40	-0.80	1.09	44	168
FXF 060520	FXF 020049 FXF 980832		87	109	106	76	86	78	95	74	93	109	86	106	98	128	97	78	69	107	82	84	101	105	102	112	103	267	230
FXF060520			97	97	95	86	89	85	48	78	0.94	17.2	0.51	0.2	17.2	39	62	-15	-6.3	-12.7	-0.4	4.9	2	18	1.01	0.83	0.46	1	60
FXF 080059		FXF 040408 FXF 010219	99	101	71	112	89	80	101	78	102	101	92	71	98	91	107	104	108	105	83	90	91	89	94	84	123	413	364
FXF080059			98	99	97	92	95	88	88	88	0.17	12.4	0.28	-9.5	17.5	-3	97	-44	15.5	-11.6	-0.7	8.5	-4	3	0.30	-0.80	1.58	6	79
FXF 090169	FXF 060520 FXF 040117		123	84	62	116	91	77	75	69	125	84	87	62	77	88	72	38	61	113	100	72	71	73	79	106	110	67	65
FXF090169			91	93	88	71	77	78	34	69	-1.71	3.0	0.47	-12.1	1.3	-7	-31	28	-11.1	-17.8	-4.1	-2.7	-16	-12	-1.19	0.47	0.84		24

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																													
FXF 110338		FXF 080059 FXF 010156	99	98	81	114	83	81	98	77	105	98	82	81	104	89	97	93	81	90	80	93	79	78	90	88	119	101	81	
FXF110338			95	95	91	82	88	83	81	83	-0.09	11.0	0.66	-6.8	22.5	-5	62	-31	0.0	0.5	-0.1	10.6	-11	-7	-0.09	-0.61	1.37			
											96	95	90	91	90	82	82	79	84	88	82	93	83	83	79	79	79	20	72	
FXF 110520		FXF 070457 FXF 070454	106	98	104	112	90	101	109	99	112	98	80	104	97	90	107	90	119	90	100	87	122	104	104	103	119	117	88	
FXF110520			93	94	88	58	74	76	38	68	-0.63	10.8	0.73	-0.2	16.7	-4	99	-28	22.0	0.0	-4.0	7.0	14	17	1.27	0.28	1.37			
											95	94	88	88	88	58	52	20	72	83	46	92	68	66	25	23	23	24	73	
JAN 181818		JAN 155002 JAN 130004	101	121	82	93	124	119	110	116	95	121	121	82	119	106	112	102	108	110	128	116	109	118	114	105	119	26	11	
JAN181818			91	90	88	86	87	81	84	82	0.73	24.2	-0.88	-6.6	34.0	14	117	-41	15.8	-15.6	-9.7	25.0	7	30	2.24	0.41	1.38			
											92	90	88	88	88	86	85	84	86	87	85	88	86	85	85	85	84	1	1	
JAN 222030		JAN 160002 S 177230	101	111	79	104	117	111	102	106	99	111	104	79	111	95	99	80	114	117	124	100	99	103	97	100	116			
JAN 222030			84	83	81	80	81	75	79	76	0.41	18.6	-0.21	-7.4	27.5	2	67	-17	19.3	-21.0	-8.8	14.9	1	16	0.58	0.09	1.19			
											85	83	82	81	81	80	80	78	80	81	79	82	80	80	79	78	78			
OBS 140279		BOS 033044 OBS 070110	115	105	58	127	118	114	101	109	115	105	92	58	95	75	95	83	90	120	116	108	74	86	94	97	116	141	169	
OBS14279			94	96	88	52	74	75	34	67	-0.94	14.8	0.26	-13.1	15.1	-21	53	-21	5.2	-23.1	-7.2	20.0	-14	0	0.28	-0.06	1.21			
											96	96	86	88	91	52	53	13	55	88	50	83	53	52	20	19	18	44	62	
QJA10201M		D-P 5 PD2	94	111	119	92	90	103	102	99	98	111	89	119	102	106	108	78	110	78	81	117	123	119	118	112	95	13	10	
CASHMERE LEEROY (P) D3			77	78	70	55	53	62	24	54	0.52	18.3	0.39	3.9	20.5	13	102	-15	17.0	9.9	-0.2	25.4	15	31	2.60	0.81	0.00			
											80	78	68	70	64	55	37	8	43	56	31	71	42	41	13	11	11	1	6	
S 155221		BOS 133208 S 101047	108	93	94	100	110	100			107	93	100	94	93	99	92	93	94	120	102	103	94	90	85	88	79		6	
S 155221			39	69	51	24	43	43			-0.27	8.2	-0.04	-3.2	14.0	6	43	-31	7.6	-23.4	-4.5	16.9	-2	4	-0.66	-0.59	-0.89			
											39	69	40	51	58	24	23	8	24	43	25	61	24	24	12	11	10	2	2	
S 177023		BOS 133179 BOS 144488	79	126	81	76	109	92	116	92	64	126	120	81	121	129	120	115	105	91	107	121	109	118	111	92	121	12	121	
177023			95	97	95	92	94	87	92	88	3.31	27.2	-0.85	-6.6	34.9	41	145	-55	13.9	-0.6	-5.5	27.8	7	30	1.95	-0.34	1.51			
											95	97	93	95	94	92	92	92	92	95	92	95	92	92	92	92	92	29	48	
S 177029		BOS 144028 S 144003	70	116	84	97	103	89	94	84	61	116	143	84	109	102	96	84	121	99	108	101	111	111	99	101	116	151	185	
177029			95	97	93	87	90	85	88	86	3.56	21.6	-1.77	-5.8	25.7	9	57	-22	23.1	-6.8	-5.8	15.2	8	24	0.79	0.16	1.19			
											97	97	90	93	92	87	90	86	91	92	87	92	91	91	86	86	86	9	13	14
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			
											97	96	88	86	66	72	88	9	92	86	49	79	93	92	33	30	29	35	40	51
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			
											97	97	94	95	94	89	74	7	80	92	58	95	81	79	38	34	33	11	67	210

Sires

Bull				Selection Values							Calf		Dam		Growth				Fertility				Frame		Carcass			Measured Progeny			
ID	Index EBV Acc	Sire ID Dam ID	G	Calv.	Calf	Milk	Maint.	Fertility	Cow	Growth	Prod	Birth	Wean	Birth	Wean	Post wn	Mature	ADG	FCR	Scrotal	Heifer	Cow	Long-evi	Height	Length	EMA	Fat	Marbling	Birth	Wean	
				Ease	Grwth	Value	Value	Value	Value	Value	Dir	Dir	Mat.	Mat.	wt	weight						Fertility	Fertility	ty							Grwth
V8	160085	BOS 122346 BOS 099243	G	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	98	98	96	96	96	94	95	93	95	95	93	96	96	95	93	93	93	18	43	60
VOVA12005		FXF 060511		111	87	104	99	84	82	73	74	112	87	93	104	85	99	86		90	91	91	83	82	76	73	93	100		6	
120050				53	68	42	31	37	44	26	40	57	68	37	42	54	31	52		60	32	20	60	61	59	8	8	7	4		
VOVA17001		VYF 120243 VYF 140217	G	80	109	122	88	112	110	105	106	84	109	92	122	104	110	108	100	99	105	126	98	106	107	105	103	112	52	40	
VOVA1714				92	91	85	79	85	79	80	79	93	91	87	85	88	79	80	78	82	88	80	88	82	81	78	78	78	9	11	
VOVA17016		VYF 120243 WO 060304		71	111	95	80	104	81	100	78	78	111	88	95	112	123	109	99	97	86	120	101	112	116	104	101	107	1	3	
VOVA17164				61	66	63	42	52	53	29	48	62	66	57	63	58	42	47	7	56	55	35	66	56	55	12	11	10	2	3	
VOVA17017		FXF 080717 VYF 140124	G	94	109	107	106	92	104	100	99	95	109	96	107	108	94	106	105	127	103	85	96	88	93	106	89	114	137	111	
VOVA17172				94	96	91	88	89	84	86	84	96	96	89	91	92	88	87	85	91	90	86	92	91	91	86	85	85	2	12	13
VOVA18007		RLR 120090 FXF 060320		85	118	87	81	89	80	104	78	85	118	105	87	112	122	104	90	91	87	98	91	95	106	101	94	108	2	16	
VOVA1877				63	81	64	50	57	59	48	57	65	81	58	64	72	50	71	19	83	62	38	72	84	82	31	29	28	8	2	2
VOVA18022		VYF 120243 WO 080439	G	90	104	128	93	117	121	95	114	97	104	80	128	103	104	113	120	101	111	124	105	102	101	103	129	102	87	58	
VOVA18223				92	93	85	82	84	80	82	80	94	93	84	85	88	82	83	79	85	84	81	88	85	85	79	79	79	3		
VOVA19023		VYF 120243 VYF 150029		96	93	102	88	92	79	82	72	99	93	92	102	85	111	80	59	90	97	100	88	83	85	82	91	102	4	8	
19235				63	75	59	36	53	54	35	50	66	75	54	59	66	36	53	8	66	55	33	70	66	64	10	9	9	2		
VOVA19024		VYF 120243 VYF 130101	G	93	101	93	112	117	111	89	103	95	101	94	93	100	90	95	95	86	111	123	107	90	85	92	95	107	27	27	
19249				90	91	87	84	86	80	84	81	91	91	87	87	88	84	86	82	88	88	83	88	88	88	83	83	82	5		
VOVA20006		FXF 070457 VYF 130053		106	97	93	109	92	94	84	87	99	97	118	93	92	93	84	77	113	89	103	91	115	98	83	99	98	11	8	
2066				71	74	61	47	50	56	38	52	74	74	60	61	65	47	55	8	69	49	35	67	70	67	14	12	12	3		
VOVA20022		BOS 144062 BOS 077023		78	111	95	95	116	103	101	99	78	111	131	95	108	103	109	101	90	116	112	111	105	112	113	98	106	1	3	
20225				54	65	61	39	52	50	30	46	55	65	50	61	52	39	47	8	52	56	37	63	52	51	19	17	17			

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.
VOVA210006			84	126	65	82	97	79	113	79	81	126	112	65	122	122	112	108	137	96	88	111	108	107	112	117	121	26	22
			89	90	85	83	83	79	84	80	1.89	27.0	-0.52	-11.3	36.2	33	117	-47	32.2	-4.2	-1.6	21.7	6	20	2.01	1.12	1.48	2	
VOVA210006											90	90	85	85	84	83	86	80	88	83	81	86	89	88	81	81	81		
VOVA210022			94	108	88	92	101	91	87	85	94	108	103	88	103	107	86	77	87	106	102	97	88	93	85	103	104	1	
			44	62	42	28	38	40	39	40	0.87	16.8	-0.16	-4.9	21.6	15	22	-15	3.6	-11.8	-4.5	12.8	-6	7	-0.63	0.28	0.51		
VOVA210022											47	62	35	42	51	28	59	10	70	41	23	50	72	68	16	15	14		
VOVA220069			105	101	76	94	91	78	88	72	107	101	90	76	91	105	76	57	83	87	90	103	104	93	74	97	101	1	2
			86	86	84	82	83	77	84	78	-0.28	12.6	0.32	-8.2	12.0	13	-14	8	1.3	3.0	-2.1	16.5	4	7	-1.71	-0.07	0.38		
VOVA220069											86	86	84	84	84	82	85	80	87	83	81	85	87	86	80	80	80		
VOVA220077			94	103	95	95	85	81	106	79	95	103	97	95	104	103	97	80	89	79	86	99	108	104	96	87	110	1	
			63	65	57	49	54	53	40	50	0.73	13.9	0.06	-2.9	22.3	11	62	-18	4.7	8.7	-1.3	14.2	6	17	0.43	-0.65	0.88		
VOVA220077											65	65	54	57	58	49	65	9	73	56	45	60	74	71	28	25	25		
VOVA230014			86	106	103	91	98	92	88	86	84	106	128	103	97	107	102	101	96	90	97	108	88	105	114	98	106	4	
			86	86	85	82	83	77	84	78	1.63	15.8	-1.17	-0.5	17.0	16	79	-40	8.6	0.0	-3.5	19.5	-6	18	2.24	-0.03	0.65		
VOVA230014											87	86	84	85	85	82	85	80	87	83	82	84	88	87	81	80	80		
VOVA230015			86	108	79	97	110	92	93	86	84	108	128	79	101	102	94	83	99	95	105	122	95	103	102	98	111		
			57	60	55	34	43	46	40	45	1.69	16.9	-1.15	-7.2	19.8	10	52	-21	10.3	-3.2	-5.1	28.4	-2	16	1.08	-0.02	0.91		
VOVA230015											58	60	53	55	55	34	68	7	75	46	32	52	76	73	14	13	12		
VYF 120243			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
			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 98
VYF 120243											96	97	93	94	95	87	89	85	93	93	87	96	93	92	85	85	85		
VYF 130185			83	95	87	94	86	64	68	56	79	95	118	87	89	105	75	55	102	91	80	99	84	80	77	101	104	10	3
			72	70	58	40	47	54	22	48	2.11	9.1	-0.77	-5.0	10.7	13	-20	10	12.3	-0.1	-0.1	14.2	-8	-6	-1.42	0.18	0.55		
VYF 130185											77	70	56	58	60	40	30	7	37	47	27	68	37	35	9	8	8		
VYF 160068			81	108	91	90	111	93	103	90	88	108	84	91	106	109	105	96	114	121	104	104	94	92	105	115	97		13
			70	81	71	57	64	64	36	58	1.35	16.6	0.59	-3.8	23.4	17	91	-35	19.1	-24.2	-5.0	17.1	-2	6	1.37	0.99	0.12		
VYF 160068											71	81	65	71	72	57	56	14	60	69	51	71	61	60	28	25	25		
WIL 170436			86	109	108	94	99	99	113	97	90	109	91	108	107	104	113	100	122	98	104	97	123	112	110	96	98	1	1
			66	67	57	35	46	51	22	45	1.17	17.2	0.29	1.0	24.6	11	118	-39	23.8	-5.6	-4.8	12.8	15	24	1.84	-0.11	0.18		
WIL 170436											68	67	57	57	58	35	31	10	41	47	27	63	39	38	13	12	12		
WO 140253			77	143	85	63	107	99	140	103	62	143	124	85	142	150	144	129	141	104	102	111	147	149	144	109	108	49	47
			94	94	93	90	90	85	86	85	3.46	37.3	-1.01	-5.6	51.4	64	231	-70	34.5	-10.9	-4.6	21.4	29	60	5.17	0.64	0.73	1	19 81
WO 140253											95	94	92	93	91	90	87	85	88	91	87	92	88	87	85	85	85		

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 Value	Grwth Value	Value	Value	Value	Value	Value	Dir	Dir	Mat.	Mat.	wt	weight						Fertility	Fertility	ty						Grwth Test	Dgt/Calvs.
WO 150461		WO 120410	WO 070057	93	86	47	117	76	44	73	38	97	86	90	46	74	88	79	69	77	77	67	102	69	64	64	150	73	85	94	
WO150461				95	96	93	89	90	85	88	86	96	96	93	93	93	89	87	87	90	91	87	93	90	90	86	86	86		30	72
WO 160019		QJA10201M	WO 130816	113	111	103	96	90	106	103	102	116	111	84	103	107	102	105	88	98	81	89	107	101	111	111	114	107	125	113	
WO160019				92	95	82	60	63	73	40	66	95	95	83	82	83	60	68	6	78	76	36	77	77	74	17	15	14	9	21	33

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	
202401 D11 M				0598853BMA															
WATSON		VOVA230014 96477641	 BOS 188154 FXF 10041F	92	106	107	105	88	126	96	105	102	101	88	114	98	106	107	
				77	86	23	18	-6	1.20	8.6	0.03	79	-40	84	2.24	-0.03	0.65	80	
						87	87	88	88	87	80	85	80		81	80	80		
		VOVA230015 96847447	BOS 188154 VOVA210117	92	108	100	103	95	112	99	105	94	83	93	102	98	111	99	
				46	60	17	16	-2	1.16	10.3	0.04	52	-21	40	1.08	-0.02	0.91	14	
						74	73	76	74	75	7	68	7		14	13	12		
202402 D11 M				0598853BMA															
WATSON		VOVA230243 96455969	VOVA190235 VYF 160005	91	91	81	85	90	87	88	110	80	57	91	78	93	104	77	
				44	64	0	-1	-4	1.10	4.2	-0.06	0	8	38	-1.32	-0.31	0.51	8	
						69	69	73	71	71	6	60	6		8	7	7		
		VOVA230250 97098768	BOS 155687 VOVA180238	93	97	90	86	74	111	92	107	90	76	104	89	92	103	91	
				45	63	8	0	-14	1.16	6.8	-0.01	35	-13	40	-0.25	-0.36	0.48	14	
						70	70	73	72	71	9	62	9		14	13	13		
		VOVA230280 96847538	BOS 188650 VYF 140095	93	94	113	102	91	116	116	95	120	124	108	120	96	105	117	
				44	57	29	15	-4	1.17	20.5	0.23	144	-66	39	2.81	-0.10	0.57	10	
						72	71	74	72	73	6	63	6		11	10	10		
		VOVA230322 96456082	BOS 177663 VOVA170005	99	121	113	118	108	121	99		107		97	121	58	88	102	
				50	68	29	31	6	1.18	10.3		96		38	2.88	-2.32	-0.38	32	
						72	72	75	74	74		65			33	30	29		
		VOVA230407 96847454	VYF 120243 VOVA210117	96	96	95	104	106	99	94	105	90	72	89	89	98	110	88	
				47	59	12	17	5	1.13	7.9	0.04	34	-9	39	-0.20	-0.04	0.85	10	
						72	72	75	74	74	6	64	6		11	10	10		
		VOVA230428 96456181	WO 160019 VOVA200175	86	97	81	78	79	91	61	123	83	82	69	84	120	92	82	
				46	64	0	-7	-11	1.11	-11.0	-0.30	10	-19	44	-0.70	1.28	-0.17	17	
						70	70	73	72	72	17	61	17		18	16	15		
		VOVA230444 96456231	VOVA190235 VOVA190220	76	73	55	54	58	73	68		58		61	55	79		52	
				29	39	-25	-30	-23	1.06	-7.0		-81		36	-3.60	-1.09		5	
						67	67	71	69	69		57			5	5		5	
202502 D11 M				0598853BMA															
WATSON		VOVA240008 99567950	BOS 188154 VOVA220012	95	109	114	117	104	125	131	101	109	111	88	115	94	102	109	
				47	58	31	30	4	1.19	28.8	0.11	106	-51	40	2.32	-0.23	0.42	14	
						73	73	76	74	74	7	67	7		14	13	13		
		VOVA240086 97527774	VOVA210006 VOVA200202	101	127	114	115	104	121	105	90	107	91	115	112	116	120	115	
				43	62	30	28	4	1.18	14.2	0.32	97	-29	38	2.00	1.06	1.43	15	
						69	69	72	70	71	7	61	7		16	14	14		
		VOVA240090 98262884	VOVA210006 VOVA200216	81	120	102	94	101	87	117	108	100	101	98	97	108	114	101	
				44	62	19	7	2	1.10	20.6	-0.03	72	-40	38	0.59	0.58	1.07	12	
						70	69	73	71	71	6	62	6		12	11	10		
		VOVA240136 99567893	BOS 133097 VOVA220058	113	108	108	107	94	121	102	97	108	103	104	108	99	98	106	
				48	58	24	20	-2	1.18	12.1	0.18	101	-43	46	1.67	0.02	0.16	31	
						71	70	74	72	72	21	63	21		32	30	30		

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
202502 D11 M			0598853BMA															
WATSON		VOVA240156	BOS 133097	111	105	105	104	100	108	103	107	108	115	92	102	94	91	98
		99568016	VOVA220012	49	58	21	17	1	1.15	13.0	0.00	100	-56	46	1.01	-0.22	-0.22	32
		VOVA240160	BOS 133097	112	107	104	97	90	110	88	108	111	124	93	107	99	94	104
		99567927	VOVA220005	48	57	20	11	-5	1.15	4.5	-0.02	112	-65	46	1.52	0.05	-0.04	32
						71	70	74	72	72	21	63	21		33	31	30	

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																															
WO 160019		QJA10201M		113	111	103	96	90		106	103	102	111	116	84	102	111	103	112	107	105	88	98	81	89	107	101	111	111	114	107
83709923		WO 130816		92	95	82	60	63		73	40	66	16	-1.03	0.59	10	18.5	-0.5	70	24.4	90	-26	10.1	7.2	-1.8	19.1	2	24	1.93	0.94	0.69
WO160019														95	83	60	95	82	79	83	68	6	78	76	36	77	77	74	17	15	14
VOVA200225		BOS 144062	1	78	111	95	95	116		103	101	99	110	78	131	103	111	95	105	108	109	101	90	116	112	111	105	112	113	98	106
94473147		BOS 077023		54	65	61	39	52		50	30	46	18	2.19	-1.27	10	18.7	-2.9	53	25.5	105	-40	5.6	-20.1	-6.5	21.5	4	25	2.16	0.01	0.63
20225														55	50	39	65	61	55	52	47	8	52	56	37	63	52	51	19	17	17
VOVA230014		BOS 188154	2	86	106	103	91	98		92	88	86	107	84	128	107	106	103	104	97	102	101	96	90	97	108	88	105	114	98	106
96477641		FXF 10041F		86	86	85	82	83		77	84	78	80	1.63	-1.17	16	15.8	-0.5	52	17.0	79	-40	8.6	0.0	-3.5	19.5	-6	18	2.24	-0.03	0.65
230014														87	84	82	86	85	84	85	85	80	87	83	82	84	88	87	81	80	80
VOVA230015		BOS 188154	2	86	108	79	97	110		92	93	86	99	84	128	102	108	79	89	101	94	83	99	95	105	122	95	103	102	98	111
96847447		VOVA210117		57	60	55	34	43		46	40	45	14	1.69	-1.15	10	16.9	-7.2	16	19.8	52	-21	10.3	-3.2	-5.1	28.4	-2	16	1.08	-0.02	0.91
230015														58	53	34	60	55	50	55	68	7	75	46	32	52	76	73	14	13	12
VOVA230243		VOVA190235	14	101	91	100	92	105		91	91	85	77	104	91	106	91	100	87	88	80	57	88	109	101	105	90	85	78	93	104
96455969		VYF 160005		57	64	49	25	39		44	38	43	8	0.02	0.31	14	7.0	-1.4	10	9.7	0	8	4.2	-14.4	-4.2	17.7	-4	-1	-1.32	-0.31	0.51
230243														61	42	25	64	49	46	52	60	6	71	43	24	51	73	69	8	7	7
VOVA230250		BOS 155687	1	108	97	98	99	94		93	104	90	91	107	101	99	97	98	94	98	90	76	92	98	85	104	74	86	89	92	103
97098768		VOVA180238		58	63	52	27	41		45	40	44	14	-0.21	-0.08	6	10.5	-1.9	29	17.1	35	-13	6.8	-6.2	-1.1	17.0	-14	0	-0.25	-0.36	0.48
230250														62	46	27	63	52	47	51	62	9	71	45	26	51	73	70	14	13	13
VOVA230280		BOS 188650	1	127	94	76	106	96		93	108	91	117	139	103	94	94	76	74	93	120	124	116	87	103	100	91	102	120	96	105
96847538		VYF 140095		64	57	48	28	41		44	39	43	10	-2.87	-0.16	1	8.8	-8.1	-19	13.8	144	-66	20.5	2.7	-4.6	15.0	-4	15	2.81	-0.10	0.57
230280														69	46	28	57	48	44	49	63	6	73	46	23	54	74	71	11	10	10
VOVA230322		BOS 177663	1	79	121	95	85	107		99	97	94	102	81	101	116	121	95	109	120	107		99	93	108	115	108	118	121	58	88
96456082		VOVA170005		63	68	56	37	43		50	38	48	32	1.91	-0.08	25	24.2	-2.9	62	34.4	96		10.3	-1.9	-5.6	23.9	6	31	2.88	-2.32	-0.38
230322														66	52	37	68	56	54	61	65		74	50	26	54	75	72	33	30	29
VOVA230357		CMO 180075	1	91	100	85	113	110		100	77	91	77	88	110	89	100	85	90	96	80	73	79	109	103	113	80	83	85	91	98
96456090		VYF 160026		56	63	49	23	38		43	22	39	8	1.30	-0.46	-5	12.3	-5.6	19	16.0	1	-9	-0.9	-14.2	-4.6	22.7	-10	-2	-0.67	-0.42	0.17
230357														60	41	23	63	49	45	52	35	5	41	42	24	49	42	40	9	8	8
VOVA230407		VYF 120243	14	90	96	96	96	116		96	89	90	88	94	91	102	96	96	89	91	90	72	94	111	120	106	106	104	89	98	110
96847454		VOVA210117		56	59	54	33	48		47	39	45	10	0.85	0.30	9	9.6	-2.7	16	12.0	34	-9	7.9	-15.7	-8.1	18.8	5	17	-0.20	-0.04	0.85
230407														57	53	33	59	54	49	56	64	6	74	53	32	58	75	72	11	10	10
VOVA230428		WO 160019	1	110	97	84	103	91		86	69	76	82	112	88	96	97	84	83	90	83	82	61	80	86	112	79	78	84	120	92
96456181		VOVA200175		54	64	52	37	41		46	44	46	17	-0.69	0.41	3	10.2	-5.8	2	11.2	10	-19	-11.0	8.2	-1.3	22.4	-11	-7	-0.70	1.28	-0.17
230428														56	49	37	64	52	51	60	61	17	72	48	24	51	73	70	18	16	15
VOVA230435		VOVA200066	1	105	99	93	111	101		103	99	98	89	101	111	91	99	93	95	97	96	86	92	110	93	102	104	97	91	90	106
96456207		VYF 130266		50	52	49	35	40		42	26	39	12	0.24	-0.47	-3	11.6	-3.4	31	16.9	56	-23	6.7	-15.3	-2.6	16.1	4	11	-0.03	-0.50	0.63
230435														52	45	35	52	49	45	48	40	6	46	42	27	51	45	44	12	11	11

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																													
VOVA230444		VOVA190235	115	73	96	97	96	76	61	65	52	116	91	101	73	96	66	67	58		68	96	94	102	58	54	55	79	
96456231		VOVA190220	32	39	35	18	29	29	36	30	5	-1.01	0.29	9	-3.3	-2.6	-38	-6.1	-81		-7.0	-4.3	-2.8	15.9	-23	-30	-3.60	-1.09	
230444												33	27	18	39	35	31	42	57		69	28	16	43	71	67	5	5	
VOVA240008	2	BOS 188154	94	109	81	102	103	95	88	88	109	90	125	97	109	81	93	105	109	111	131	96	98	113	104	117	115	94	102
99567950		VOVA220012	58	58	56	37	44	47	40	46	14	1.14	-1.04	4	17.3	-6.9	25	22.6	106	-51	28.8	-4.5	-3.6	22.8	4	30	2.32	-0.23	0.42
240008												59	53	37	58	56	50	54	67	7	74	47	34	52	76	73	14	13	13
VOVA240086	3	VOVA210006	83	127	79	83	114	101	115	99	115	78	120	120	127	79	101	123	107	91	105	108	107	118	104	115	112	116	120
97527774		VOVA200202	58	62	43	30	36	43	38	42	15	2.13	-0.84	30	27.7	-7.4	43	36.6	97	-29	14.2	-13.5	-5.5	26.0	4	28	2.00	1.06	1.43
240086												62	43	30	62	43	45	46	61	7	71	39	25	45	72	69	16	14	14
VOVA240090	1	VOVA210006	81	120	77	84	97	81	98	78	101	80	109	119	120	77	93	115	100	101	117	87	90	116	101	94	97	108	114
98262884		VOVA200216	58	62	47	30	37	44	38	43	12	1.98	-0.41	28	23.9	-8.0	26	30.4	72	-40	20.6	2.4	-2.0	24.5	2	7	0.59	0.58	1.07
240090												62	45	30	62	47	46	44	62	6	71	39	25	47	73	69	12	11	10
VOVA240098	1	VOVA210006	89	115	78	87	103	88	105	86	104	89	104	114	115	78	91	112	104	95	108	108	96	106	99	101	103	104	114
6020614761		VOVA210189	46	52	39	27	33	37	26	35	10	1.27	-0.22	23	21.0	-7.6	21	28.2	86	-34	15.7	-14.1	-3.2	18.3	1	15	1.12	0.35	1.11
240098												48	38	27	52	39	39	38	41	6	46	38	21	41	47	45	10	9	9
VOVA240113		SB 180519	100	111	79	92	113	100	89	93	92	98	105	108	111	79	89	107	92	84	95	114	105	112	77	86	93	111	107
97528012		VOVA190160	61	66	54	41	44	50	28	46	18	0.52	-0.27	17	18.3	-7.3	16	24.1	44	-21	8.2	-18.7	-5.2	22.0	-12	0	0.13	0.77	0.68
240113												64	52	41	66	54	54	46	48	6	51	52	31	50	51	50	18	17	16
VOVA240136	6	BOS 133097	101	108	87	99	120	113	104	109	106	96	123	99	108	87	97	106	108	103	102	116	114	119	94	107	108	99	98
99567893		VOVA220058	52	58	57	41	52	48	46	48	31	0.66	-0.98	6	17.0	-5.1	34	23.3	101	-43	12.1	-19.7	-6.9	26.3	-2	20	1.67	0.02	0.16
240136												53	50	41	58	57	52	52	63	21	72	55	43	59	74	70	32	30	30
VOVA240149	7	BOS 133097	109	105	89	103	108	108	97	102	101	104	112	96	105	89	96	104	108	111	107	110	106	104	99	108	105	95	92
99567992		VOVA220012	55	58	57	43	52	49	36	46	32	0.04	-0.54	3	15.2	-4.6	33	22.1	103	-51	14.9	-15.5	-5.3	17.4	1	21	1.36	-0.21	-0.15
240149												56	51	43	58	57	53	53	49	21	52	55	44	56	53	52	33	31	30
VOVA240156	7	BOS 133097	109	105	89	103	112	111	92	104	98	104	112	96	105	89	96	104	108	115	103	110	106	114	100	104	102	94	91
99568016		VOVA220012	55	58	57	43	53	49	46	48	32	0.04	-0.54	3	15.2	-4.6	33	22.1	100	-56	13.0	-15.5	-5.3	23.3	1	17	1.01	-0.22	-0.22
240156												56	51	43	58	57	53	53	64	21	72	55	44	59	74	71	33	31	30
VOVA240160	8	BOS 133097	108	107	90	98	115	112	93	105	104	101	118	100	107	90	97	104	111	124	88	113	105	118	90	97	107	99	94
99567927		VOVA220005	53	57	56	43	52	48	46	48	32	0.25	-0.75	7	15.9	-4.1	35	22.0	112	-65	4.5	-17.7	-5.0	25.7	-5	11	1.52	0.05	-0.04
240160												54	49	43	57	56	52	52	63	21	72	55	44	58	74	70	33	31	30
VOVA240234	1	WO 160019	111	109	99	99	98	108	101	104	104	114	85	99	109	99	107	105	105	95	100	94	87	115	105	110	104	100	102
97527972		VOVA210268	54	65	53	37	43	47	26	43	12	-0.83	0.52	6	17.1	-1.7	59	23.0	92	-33	11.0	-3.0	-1.4	24.3	4	23	1.22	0.12	0.39
240234												56	49	37	65	53	52	56	42	5	48	49	27	52	47	46	12	11	11
VOVA240254		VOVA210003	110	84	97	119	90	92			77	111	93	83	84	97	86	83	82		96	96	85	99	99	92	75	87	92
98312630			30	52	36	22	29	32			10	-0.57	0.22	-13	3.0	-2.2	8	5.7	6		8.8	-4.0	-1.1	14.0	1	5	-1.62	-0.64	-0.18
240254												31	28	22	52	36	37	40	28		32	29	20	38	32	31	10	9	9

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass		
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
VOVA240268	7	BOS 133097	109	105	89	103	108	108	97	102	101	104	112	96	105	89	96	104	108	111	107	110	106	104	99	108	105	95	92
99539462		VOVA220012	55	58	57	43	52	49	36	46	32	0.04	-0.54	3	15.2	-4.6	33	22.1	103	-51	14.9	-15.5	-5.3	17.4	1	21	1.36	-0.21	-0.15
240268												56	51	43	58	57	53	53	49	21	52	55	44	56	53	52	33	31	30
VOVA240317	7	BOS 133097	109	105	89	103	108	108	97	102	101	104	112	96	105	89	96	104	108	111	107	110	106	104	99	108	105	95	92
99539538		VOVA220012	55	58	57	43	52	49	36	46	32	0.04	-0.54	3	15.2	-4.6	33	22.1	103	-51	14.9	-15.5	-5.3	17.4	1	21	1.36	-0.21	-0.15
240317												56	51	43	58	57	53	53	49	21	52	55	44	56	53	52	33	31	30
VOVA240324	7	BOS 133097	109	105	89	103	108	108	97	102	101	104	112	96	105	89	96	104	108	111	107	110	106	104	99	108	105	95	92
99539504		VOVA220012	55	58	57	43	52	49	36	46	32	0.04	-0.54	3	15.2	-4.6	33	22.1	103	-51	14.9	-15.5	-5.3	17.4	1	21	1.36	-0.21	-0.15
240324												56	51	43	58	57	53	53	49	21	52	55	44	56	53	52	33	31	30
VOVA240352		BOS 188154	108	109	81	93	101	95	100	91	110	102	123	106	109	81	90	104	108	107	113	88	106	106	95	105	115	96	106
99456410		VYF 140095	60	59	55	34	42	47	34	44	12	0.15	-0.96	14	17.3	-6.8	18	22.0	100	-47	18.8	1.8	-5.3	18.8	-1	18	2.33	-0.11	0.64
240352												61	55	34	59	55	49	52	58	7	62	43	30	52	62	61	12	11	11
VOVA240363		S 177029	91	99	93	100	98	88	84	81	86	86	118	98	99	93	92	95	87	86	108	97	98	102	106	98	85	87	83
99537540		VOVA190134	49	50	43	20	36	37	24	34	10	1.48	-0.76	5	11.6	-3.3	24	15.0	26	-24	15.6	-4.9	-3.7	16.2	5	11	-0.58	-0.65	-0.68
240363												50	45	20	50	43	38	40	39	5	43	42	21	44	43	42	11	10	10
VOVA240374		BOS 188154	108	109	81	93	101	95	100	91	110	102	123	106	109	81	90	104	108	107	113	88	106	106	95	105	115	96	106
97569271		VYF 140095	60	59	55	34	42	47	34	44	12	0.15	-0.96	14	17.3	-6.8	18	22.0	100	-47	18.8	1.8	-5.3	18.8	-1	18	2.33	-0.11	0.64
240374												61	55	34	59	55	49	52	58	7	62	43	30	52	62	61	12	11	11
VOVA240498	14	VOVA220069	96	103	84	93	94	81	85	75	83	97	97	106	103	84	86	96	83	71	83	86	90	109	100	94	81	97	103
98358245		VOVA200231	44	46	44	27	37	37	26	35	14	0.57	0.07	14	14.1	-6.0	10	15.8	9	-8	1.3	3.4	-2.0	20.4	2	8	-1.06	-0.08	0.48
240498												45	41	27	46	44	39	40	41	6	45	40	26	46	46	44	14	13	12
VOVA240499	1	WO 160019	102	102	88	96	89	84	91	79	94	105	88	102	102	88	90	97	96	82	94	85	84	106	90	93	94	114	95
98356173		VOVA210179	54	58	50	38	41	45	31	42	17	-0.09	0.42	9	13.1	-4.7	18	16.5	58	-20	8.0	4.6	-0.9	18.7	-4	7	0.26	0.94	0.01
240499												56	49	38	58	50	49	52	41	17	48	48	25	49	47	46	18	16	15
VOVA250015		SB 180519	105	105	79	97	107	97	82	89	88	103	105	102	105	79	86	100	89	86	90	107	108	104	73	82	91	107	106
99519639		VYF 150221	58	61	57	41	45	49	29	45	16	0.10	-0.25	10	15.1	-7.2	9	18.8	31	-24	5.3	-12.6	-5.6	17.3	-14	-4	-0.05	0.49	0.64
250015												59	53	41	61	57	53	48	50	5	54	54	30	52	54	54	17	16	15
VOVA250047		BOS 188154	87	107	98	91	92	85	88	79	105	83	123	108	107	98	101	99	101	97	98	85	90	106	94	105	109	100	105
99539264		FXF 10041F	62	62	61	40	45	50	31	46	12	1.75	-0.95	16	16.2	-1.9	44	18.1	75	-36	9.8	4.6	-2.0	18.4	-2	18	1.73	0.08	0.57
250047												63	58	40	62	61	54	57	54	6	58	49	35	52	58	58	13	12	11
VOVA250050		BOS 188154	87	107	98	91	92	85	88	79	105	83	123	108	107	98	101	99	101	97	98	85	90	106	94	105	109	100	105
99539256		FXF 10041F	62	62	61	40	45	50	31	46	12	1.75	-0.95	16	16.2	-1.9	44	18.1	75	-36	9.8	4.6	-2.0	18.4	-2	18	1.73	0.08	0.57
250050												63	58	40	62	61	54	57	54	6	58	49	35	52	58	58	13	12	11
VOVA250122	26	VOVA200225	79	111	98	96	116	105	101	101	109	78	130	102	111	98	107	108	109	100	90	116	112	110	105	112	113	98	106
99519654		VOVA200230	37	45	44	28	36	35	21	32	12	2.15	-1.23	10	18.3	-2.0	59	24.9	104	-39	5.5	-20.2	-6.5	21.2	4	24	2.10	0.00	0.61
250122												38	35	28	45	44	39	37	34	6	37	39	26	44	37	36	13	12	12

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ID Number Name			53	55	50	31	40	43	22	39	14	78 2.18 55	117 -0.74 46	95 1 31	107 16.0 55	104 -0.4 50	111 69 45	107 24.1 50	94 50 33	89 -27 8	85 2.8 35	94 -2.5 42	119 -7.8 30	116 24.6 47	88 -5 35	96 9 34	93 0.15 15	102 0.21 14	104 0.55 13
VOVA250207 99539298 250207	4	BOS 199285 VOVA200216	82 53	107 55	104 50	104 31	113 40	109 43	89 22	102 39	93 14	78 2.18 55	117 -0.74 46	95 1 31	107 16.0 55	104 -0.4 50	111 69 45	107 24.1 50	94 50 33	89 -27 8	85 2.8 35	94 -2.5 42	119 -7.8 30	116 24.6 47	88 -5 35	96 9 34	93 0.15 15	102 0.21 14	104 0.55 13
VOVA250220 6020617434 250220		JAN 181818 VOVA210189	99 47	113 50	86 39	93 26	116 34	109 37			102 12	96 0.69 49	109 -0.40 40	106 14 26	113 19.6 50	86 -5.3 39	98 38 38	110 27.1 37	104 86 27	92 -31 7	94 7.5 31	116 -19.8 39	116 -7.3 22	108 19.9 42	99 1 31	107 20 30	104 1.24 13	98 0.00 12	113 1.06 12
VOVA250227 99539314 250227	4	BOS 199285 VOVA200216	82 53	107 55	104 50	104 31	113 40	109 43	89 22	102 39	93 14	78 2.18 55	117 -0.74 46	95 1 31	107 16.0 55	104 -0.4 50	111 69 45	107 24.1 50	94 50 33	89 -27 8	85 2.8 35	94 -2.5 42	119 -7.8 30	116 24.6 47	88 -5 35	96 9 34	93 0.15 15	102 0.21 14	104 0.55 13
VOVA250228 99519746 250228		BOS 177663 VOVA160012	95 57	107 58	96 55	81 41	88 42	79 47	93 28	74 43	96 32	92 1.00 59	109 -0.41 52	121 32 41	107 16.0 58	96 -2.5 55	94 27 51	104 22.2 51	100 71 49		87 3.7 53	81 7.2 47	88 -1.6 26	102 16.2 52	81 -10 54	96 9 53	111 1.95 33	52 -2.70 30	81 -0.80 29
VOVA250239 6020601289 250239		WO 160019 VOVA220162	107 55	111 56	90 49	93 36	92 38	95 44	103 24	92 40	107 10	107 -0.28 57	94 0.17 49	105 13 36	111 18.4 56	90 -4.2 49	99 40 47	108 25.4 49	104 88 41	93 -32 5	103 12.8 46	85 4.4 44	91 -2.3 22	105 18.0 47	96 -1 45	105 18 44	105 1.33 10	103 0.31 9	106 0.64 8
VOVA250243 99537557 250243	1	S 177029 VOVA220081	84 56	109 56	84 48	97 32	99 44	86 44	94 27	81 41	94 17	79 2.08 58	119 -0.79 51	101 9 32	109 17.1 56	84 -5.8 48	94 28 45	104 22.3 48	95 53 44	83 -21 7	110 16.7 47	100 -7.2 51	97 -3.4 31	102 16.1 50	102 3 47	99 13 46	95 0.39 18	97 -0.08 16	108 0.75 16
VOVA250293 99537565 250293	1	BOS 200011 VYF 150140	94 56	102 60	97 52	100 29	109 39	102 44	93 27	96 41	90 12	95 0.78 59	99 -0.01 46	98 5 29	102 13.1 60	97 -2.2 52	99 39 47	101 19.8 52	94 50 39	87 -25 10	84 2.0 45	104 -10.7 43	111 -6.4 26	106 18.7 48	82 -9 45	86 0 43	91 -0.02 12	92 -0.38 11	102 0.39 11
VOVA250300 99519803 250300		VOVA200225 VOVA190079	92 39	105 47	90 45	101 28	114 36	104 36	103 21	100 33	100 12	89 1.26 39	112 -0.52 37	98 5 28	105 15.1 47	90 -4.2 45	96 33 40	104 22.1 40	102 80 33	91 -29 6	85 2.5 37	126 -28.0 40	102 -4.5 25	109 20.4 43	92 -3 37	96 10 35	104 1.20 13	97 -0.08 12	104 0.53 11
VOVA250309 99519837 250309		VOVA200225 VYF 160043	87 44	103 49	99 48	99 28	120 39	107 39	91 20	101 35	96 12	85 1.61 45	111 -0.49 40	99 6 28	103 13.6 49	99 -1.7 48	100 43 42	99 18.2 42	98 65 32	88 -26 6	89 4.9 36	122 -24.5 43	121 -8.3 28	106 18.7 46	96 -1 36	99 13 35	100 0.84 12	99 0.03 11	105 0.56 10
VOVA250315 99519852 250315	5	VOVA200225 VOVA200158	100 37	105 48	92 44	95 28	104 38	97 36	88 20	91 33	96 16	94 0.81 38	116 -0.70 35	104 12 28	105 15.0 48	92 -3.7 44	95 31 40	102 20.9 40	93 47 32	82 -19 6	91 5.8 35	101 -7.9 42	101 -4.2 28	108 19.9 44	92 -4 35	99 12 34	98 0.63 17	100 0.12 15	102 0.39 15
VOVA250319 99519860 250319	1	BOS 200011 VYF 140129	92 58	107 60	100 52	92 33	109 41	103 46	100 28	99 42	101 14	92 1.01 60	101 -0.11 49	106 14 33	107 16.3 60	100 -1.3 52	104 50 48	106 24.0 54	105 90 41	101 -40 10	103 13.0 45	110 -15.4 43	106 -5.3 31	107 19.3 50	102 3 46	103 16 44	98 0.67 15	102 0.25 14	107 0.68 13
VOVA250321 6020601297 250321		WO 160019 VOVA210053	103 55	103 58	101 50	99 34	102 42	104 45	93 24	98 41	97 10	107 -0.22 57	86 0.50 50	98 5 34	103 13.7 58	101 -1.0 50	103 50 47	99 18.4 53	96 59 39		93 7.4 46	96 -4.5 49	104 -4.9 26	105 17.6 50	100 1 45	101 15 44	101 0.91 10	105 0.43 9	107 0.67 8

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Index EBV Acc	% Inbreeding	Sire ID Dam ID		Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
VOVA250323	1	WO 160019 VOVA220012		110 56	104 57	97 52	103 38	92 42	100 45	95 27	95 41	102 12	112 -0.69 58	88 0.42 50	96 2 38	104 14.3 57	97 -2.3 52	102 46 49	102 20.2 50	103 82 45	92 -31 5	107 15.3 51	93 -2.3 47	87 -1.4 28	102 16.0 50	109 6 51	112 25 49	103 1.16 13	99 0.05 12	99 0.22 11
VOVA250326		VOVA200225 VOVA190090		95 30	98 33	101 30	99 20	104 28	97 26			91 9	92 0.96 30	109 -0.41 29	98 5 20	98 10.8 33	101 -1.1 30	97 36 28	96 15.7 26	94 49 24		88 4.4 26	105 -11.5 28	100 -4.1 18	105 17.9 37	101 2 26	97 11 25	93 0.14 9	86 -0.73 9	78 -0.95 8
VOVA250364		S 177023 VYF 160001		85 53	111 60	87 55	88 25	112 45		94 45			103 8	85 1.58 55	104 -0.23 46	112 21 25	111 18.2 60	87 -5.0 55	94 28 47	108 24.9 50	107 98 27	99 -38 5	89 4.8 31	112 -16.9 54	106 -5.2 29	111 21.7 52	101 2 30	106 19 29	102 1.06 9	91 -0.42 8
VOVA250371	3	BOS 188154 VOVA210032		83 57	115 58	77 55	94 35	99 43	86 46	90 32	80 43	101 14	84 1.70 58	134 -1.39 53	106 14 35	115 21.0 58	77 -7.8 55	94 27 49	109 26.0 53	98 66 55	98 -37 7	112 17.9 57	89 1.5 49	96 -3.3 32	112 22.4 49	97 -1 57	102 15 56	105 1.37 14	100 0.09 13	109 0.81 12
VOVA250381		BOS 188154 VYF 140095		108 60	109 59	81 55	93 34	99 41	94 46	100 34	90 44	110 12	102 0.15 61	123 -0.96 55	106 14 34	109 17.3 59	81 -6.8 55	90 18 49	104 22.0 52	108 100 58	107 -47 7	113 18.8 62	88 1.8 43	106 -5.3 30	102 16.3 51	95 -1 62	105 18 61	115 2.33 12	96 -0.11 11	106 0.64 11
VOVA250385		BOS 188154 VYF 140095		108 60	109 59	81 55	93 34	99 41	94 46	100 34	90 44	110 12	102 0.15 61	123 -0.96 55	106 14 34	109 17.3 59	81 -6.8 55	90 18 49	104 22.0 52	108 100 58	107 -47 7	113 18.8 62	88 1.8 43	106 -5.3 30	102 16.3 51	95 -1 62	105 18 61	115 2.33 12	96 -0.11 11	106 0.64 11
VOVA250387	1	WO 160019 VOVA220005		109 54	105 57	98 51	98 38	95 41	101 45	97 27	96 41	104 12	110 -0.48 56	94 0.20 49	100 7 38	105 15.0 57	98 -1.9 51	102 48 49	101 20.1 50	102 81 44	93 -31 6	100 10.9 50	96 -4.5 47	86 -1.2 26	107 19.0 49	106 5 50	108 21 48	104 1.24 12	103 0.29 11	100 0.32 11
VOVA250392		BOS 188154 VYF 140095		108 60	109 59	81 55	93 34	99 41	94 46	100 34	90 44	110 12	102 0.15 61	123 -0.96 55	106 14 34	109 17.3 59	81 -6.8 55	90 18 49	104 22.0 52	108 100 58	107 -47 7	113 18.8 62	88 1.8 43	106 -5.3 30	102 16.3 51	95 -1 62	105 18 61	115 2.33 12	96 -0.11 11	106 0.64 11
VOVA250393		VOVA220069 VOVA210212		99 45	103 48	77 43	99 31	96 35	83 38	90 25	77 35	83 10	100 0.31 46	95 0.14 41	100 7 31	103 13.6 48	77 -7.9 43	82 -1 41	96 16.3 44	84 15 40	65 -1 6	92 6.8 45	96 -4.6 37	92 -2.5 24	103 16.8 43	89 -5 45	89 3 44	84 -0.73 11	88 -0.59 10	98 0.20 10
VOVA250395	2	BOS 188154 VOVA220012		94 58	109 58	81 56	102 37	100 44	93 47	89 32	86 44	103 14	90 1.14 59	125 -1.04 53	97 4 37	109 17.3 58	81 -6.9 56	93 25 50	105 22.6 54	104 86 55	104 -43 7	119 21.8 58	96 -4.5 47	98 -3.6 34	107 19.1 50	105 4 59	112 25 58	109 1.78 14	93 -0.29 13	101 0.34 13
VOVA250397		BOS 188154 VYF 140095		108 60	109 59	81 55	93 34	99 41	94 46	100 34	90 44	110 12	102 0.15 61	123 -0.96 55	106 14 34	109 17.3 59	81 -6.8 55	90 18 49	104 22.0 52	108 100 58	107 -47 7	113 18.8 62	88 1.8 43	106 -5.3 30	102 16.3 51	95 -1 62	105 18 61	115 2.33 12	96 -0.11 11	106 0.64 11
VOVA250403		BOS 188154 VOVA210032		83 57	115 58	77 55	94 35	99 43	86 46	90 32	80 43	101 14	84 1.70 58	134 -1.39 53	106 14 35	115 21.0 58	77 -7.8 55	94 27 49	109 26.0 53	98 66 55	98 -37 7	112 17.9 57	89 1.5 49	96 -3.3 32	112 22.4 49	97 -1 57	102 15 56	105 1.37 14	100 0.09 13	109 0.81 12

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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																													
VOVA250407 99566796 250407	3	BOS 188154 VOVA210032	83 57	115 58	77 55	94 35	99 43	86 46	90 32	80 43	101 14	84 1.70 58	134 -1.39 53	106 14 35	115 21.0 58	77 -7.8 55	94 27 49	109 26.0 53	98 66 55	98 -37 7	112 17.9 57	89 1.5 49	96 -3.3 32	112 22.4 49	97 -1 57	102 15 56	105 1.37 14	100 0.09 13	109 0.81 12
VOVA250415 99566655 250415	3	BOS 188154 VOVA200216	81 57	113 59	81 58	93 35	99 43	85 47	86 32	78 44	100 14	80 2.00 58	130 -1.25 54	106 14 35	113 19.9 59	81 -6.8 58	94 28 51	106 24.1 54	97 61 54	98 -37 7	102 12.5 56	85 4.4 47	99 -4.0 33	113 22.8 49	94 -2 56	100 14 55	104 1.25 14	100 0.08 13	108 0.74 13
VOVA250443 99537482 250443	6	VOVA200225 VOVA200231	87 41	109 45	93 45	94 27	104 37	95 36	92 21	89 33	99 14	82 1.80 41	117 -0.73 39	105 13 27	109 17.2 45	93 -3.3 45	100 42 39	105 22.5 38	99 68 34	93 -31 6	87 3.4 37	101 -8.1 41	101 -4.2 27	109 20.4 44	101 2 37	103 16 36	100 0.87 14	97 -0.04 13	105 0.60 12
VOVA250499 99537524 250499		BOS 188154 VYF 140095	108 60	109 59	81 55	93 34	99 41	94 46	100 34	90 44	110 12	102 0.15 61	123 -0.96 55	106 14 34	109 17.3 59	81 -6.8 55	90 18 49	104 22.0 52	108 100 58	107 -47 7	113 18.8 62	88 1.8 43	106 -5.3 30	102 16.3 51	95 -1 62	105 18 61	115 2.33 12	96 -0.11 11	106 0.64 11
VOVA250517 99539660 250517		S 177023 VYF 160001	85 53	111 60	87 55	88 25	112 45	94 45			103 8	85 1.58 55	104 -0.23 46	112 21 25	111 18.2 60	87 -5.0 55	94 28 47	108 24.9 50	107 98 27	99 -38 5	89 4.8 31	112 -16.9 54	106 -5.2 29	111 21.7 52	101 2 30	106 19 29	102 1.06 9	91 -0.42 8	116 1.18 8
VOVA250523 99539645 250523		S 177023 VYF 160001	85 53	111 60	87 55	88 25	112 45	94 45			103 8	85 1.58 55	104 -0.23 46	112 21 25	111 18.2 60	87 -5.0 55	94 28 47	108 24.9 50	107 98 27	99 -38 5	89 4.8 31	112 -16.9 54	106 -5.2 29	111 21.7 52	101 2 30	106 19 29	102 1.06 9	91 -0.42 8	116 1.18 8
VOVA250524 99539652 250524		S 177023 VYF 160001	85 53	111 60	87 55	88 25	112 45	94 45			103 8	85 1.58 55	104 -0.23 46	112 21 25	111 18.2 60	87 -5.0 55	94 28 47	108 24.9 50	107 98 27	99 -38 5	89 4.8 31	112 -16.9 54	106 -5.2 29	111 21.7 52	101 2 30	106 19 29	102 1.06 9	91 -0.42 8	116 1.18 8
VOVA250526 99539678 250526		S 177023 VYF 160001	85 53	111 60	87 55	88 25	112 45	94 45			103 8	85 1.58 55	104 -0.23 46	112 21 25	111 18.2 60	87 -5.0 55	94 28 47	108 24.9 50	107 98 27	99 -38 5	89 4.8 31	112 -16.9 54	106 -5.2 29	111 21.7 52	101 2 30	106 19 29	102 1.06 9	91 -0.42 8	116 1.18 8
VOVA250528 99569006 250528	1	VOVA200225 VOVA210039	92 40	110 48	92 44	93 33	102 40	95 38	102 26	91 36	104 20	89 1.29 41	111 -0.50 38	106 14 33	110 17.7 48	92 -3.6 44	100 41 42	107 24.7 42	105 92 35	91 -30 16	101 11.9 38	109 -14.2 43	92 -2.6 33	106 18.4 45	105 4 38	109 22 37	109 1.73 21	99 0.08 19	101 0.36 19
VOVA250533 99569022 250533	1	VOVA200225 VOVA220083	98 42	104 44	91 42	98 32	104 37	97 36	95 22	92 33	98 16	94 0.85 43	114 -0.62 37	101 8 32	104 14.2 44	91 -3.9 42	94 29 39	103 21.3 37	101 76 34	95 -33 7	94 7.8 36	106 -11.9 39	99 -3.8 30	108 19.5 43	101 2 36	102 15 35	101 0.96 17	96 -0.13 16	105 0.56 15
VOVA250536 99569014 250536	1	VOVA220069 VOVA210179	98 44	97 48	75 41	96 30	90 36	70 37	84 32	64 36	77 17	101 0.28 45	91 0.29 39	103 11 30	97 10.1 48	75 -8.5 41	73 -23 40	89 10.3 42	82 6 40	67 -3 18	87 3.5 46	87 2.5 40	85 -1.1 25	104 17.4 43	92 -3 47	84 -2 45	75 -1.56 18	106 0.44 16	92 -0.15 16
VOVA250541 99569030 250541	1	VOVA220069 VYF 150075	106 46	95 49	91 45	99 26	96 35	89 38	90 25	83 35	81 12	108 -0.33 48	92 0.26 40	99 6 26	95 9.4 49	91 -3.8 45	86 10 40	91 12.3 44	86 22 39	76 -13 7	92 6.5 45	89 1.2 38	97 -3.5 23	105 17.6 45	103 3 46	90 4 44	82 -0.93 12	95 -0.18 11	98 0.17 10

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

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LOGIX Beefmaster Genomic Analysis, SA Stud Book, September 2026 23 WATSON 598853

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
FXF 10041F 70758156 FXF10041F		FXF 060520 FXF 020151		89 77	92 76	126 81	87 56	76 59	76 65	85 32	70 58	96 15	94 0.87 77	88 0.42 75	111 19 56	92 7.7 76	126 5.8 81	107 57 71	85 7.1 70	94 52 52	84 -21 6	74 -3.4 65	82 6.3 64	69 2.1 43	95 11.6 71	95 -1 67	99 12 64	94 0.28 16	97 -0.09 14	98 0.20 14
FXF 110420 73622730 FXF110420		FXF 090169 FXF 030059		118 65	80 73	74 78	122 38	87 53	78 57	78 27	71 51	66 8	120 -1.34 67	88 0.42 56	81 -15 38	80 0.5 73	74 -8.8 78	59 -54 63	76 0.5 58	72 -30 44		80 0.0 51	96 -4.0 60	89 -1.9 31	89 7.9 67	74 -13 52	75 -10 50	71 -1.99 9	86 -0.69 8	77 -0.99 8
VYF 140129 79979472 VYF140129		FXF 080059 FXF 070024		86 74	106 76	102 78	91 54	103 62	95 64	104 36	92 58	103 24	88 1.31 75	98 0.01 71	107 15 54	106 15.7 76	102 -0.9 78	103 49 69	106 23.7 71	109 105 54	106 -46 15	119 22.2 59	107 -12.6 67	97 -3.4 49	106 18.6 70	116 11 58	108 21 56	100 0.84 25	108 0.59 22	109 0.83 22
VOVA150181 82968348 VOVA15181		VOVA120050 FXF 060085		97 44	92 63	103 47	95 29	88 33	79 41	76 20	71 37	78 6	103 0.13 46	83 0.60 39	103 10 29	92 7.2 63	103 -0.5 47	91 20 46	91 11.9 40	82 6 36	82 -20 5	84 1.9 41	93 -1.7 32	89 -1.9 19	92 9.5 48	93 -3 42	82 -4 40	76 -1.51 7	93 -0.28 6	87 -0.42 6
VYF 150075 81325516 VYF150075	1	FXF 110520 VYF 120135		108 65	90 70	107 69	107 35	101 49	102 54	93 28	96 49	85 14	109 -0.38 68	94 0.19 56	93 -1 35	90 6.2 70	107 0.5 69	96 33 58	92 12.7 66	96 58 42	94 -32 10	101 11.8 52	91 -0.6 53	105 -5.0 28	106 18.7 66	101 2 51	87 1 49	90 -0.14 14	93 -0.30 13	94 -0.04 13
VYF 150173 82171208 VYF150173	1	FXF 110338 FXF 080368		105 66	102 74	69 76	114 44	101 57	93 59	77 25	85 52	74 16	105 -0.07 69	98 0.02 57	90 -4 44	102 13.3 74	69 -10.1 76	78 -9 65	102 20.8 63	79 -4 34	72 -8 13	80 -0.1 41	112 -16.9 64	102 -4.4 40	93 10.4 67	77 -12 38	74 -12 37	82 -0.91 16	87 -0.65 15	105 0.60 14
BOS 166198 84715770 BOS166198	7	BOS 133097 BOS 133373		100 62	110 75	89 72	97 44	116 61	111 58	101 38	106 54	102 34	97 0.59 64	130 -1.24 57	102 9 44	110 17.9 75	89 -4.4 72	99 41 64	105 22.6 64	102 79 51	95 -34 22	99 10.7 56	115 -19.1 67	116 -7.2 48	109 20.6 68	87 -6 56	105 18 55	110 1.81 35	92 -0.34 33	93 -0.08 32
VOVA160022 84945385 VOVA160022		FXF 060520 FXF 060640		84 68	103 72	113 75	86 48	97 57	90 59	84 26	83 52	89 15	92 1.02 70	79 0.76 63	113 22 48	103 13.9 72	113 2.4 75	107 58 65	99 18.6 64	89 32 44	85 -23 6	80 -0.2 48	102 -9.1 64	94 -2.9 40	98 13.7 68	98 0 46	95 8 45	87 -0.47 16	98 -0.03 14	90 -0.30 14
VYF 160005 84012780 VYF160005	1	VYF 120243 VYF 130290		106 67	92 73	96 75	98 34	110 56	98 57	80 33	89 52	80 10	109 -0.39 69	90 0.35 58	101 8 34	92 7.5 73	96 -2.6 75	86 9 61	92 12.9 66	84 16 52	75 -12 8	86 3.2 61	119 -22.4 66	103 -4.7 37	104 17.1 66	87 -6 61	83 -2 59	81 -1.00 11	98 -0.01 10	104 0.52 10
VYF 160043 84013069 VYF160043	2	VYF 120243 VYF 130188		88 68	94 73	103 75	103 38	124 58	108 58	81 28	99 52	83 14	92 1.03 70	91 0.28 62	96 2 38	94 8.5 73	103 -0.6 75	96 32 62	89 10.9 66	87 25 44	74 -11 9	88 4.2 51	127 -28.8 66	129 -10.0 42	102 15.9 66	88 -6 50	87 1 49	87 -0.47 14	99 0.05 13	103 0.49 13
VYF 160051 84013150 VYF160051	2	VYF 120243 VYF 130094		102 70	83 71	82 70	124 38	116 57	101 57	70 30	90 52	68 12	104 -0.03 72	90 0.35 65	78 -18 38	83 2.5 71	82 -6.4 70	73 -22 60	80 3.9 64	74 -22 49	64 0 6	68 -6.9 57	123 -25.4 65	116 -7.3 40	102 16.2 67	71 -16 57	69 -16 55	73 -1.79 12	90 -0.46 11	101 0.37 10
VYF 160066 84012640 VYF160066	1	VYF 130185 VYF 130145		88 62	95 67	81 65	93 33	89 50	65 52	74 28	58 47	79 12	87 1.42 65	106 -0.28 50	106 14 33	95 9.2 67	81 -6.9 65	75 -17 55	91 12.1 56	85 17 37	74 -11 5	107 15.2 51	104 -10.4 58	75 0.9 32	99 14.4 60	88 -5 52	81 -5 50	82 -0.95 13	92 -0.38 12	106 0.64 11

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ID Number Name																														
VOVA170003		YYF 120243		89	95	116	95	107	100	91	94	90	94	86	102	95	116	106	97	97	84	108	109	103	105	100	97	100	86	101
85483246		YYF 140107		67	71	70	36	56	56	33	51	10	0.79	0.51	9	9.2	3.1	55	16.7	60	-21	15.7	-14.8	-4.7	18.1	1	11	0.84	-0.72	0.35
VOVA1703													69	61	36	71	70	59	64	53	7	62	63	38	66	62	60	10	9	8
VOVA180199		FXF 110667		84	95	148	93	107	116	86	107	98	87	97	103	95	148	132	92	107	122	116	121	104	96	113	103	95	97	100
89504286				34	60	52	31	41	41	24	38	10	1.44	0.05	10	9.5	12.0	116	13.0	96	-63	20.0	-24.0	-4.9	12.4	9	16	0.35	-0.09	0.31
VOVA18199													35	31	31	60	52	48	48	36	8	43	51	22	50	44	41	11	10	10
VOVA180238		YYF 140095		115	91	102	100	87	90	92	84	88	116	90	98	91	102	91	89	90		92	85	96	90	84	84	83	91	100
91394486				47	48	59	19	28	38	26	36	6	-1.02	0.32	5	6.9	-0.9	21	10.5	35		6.8	4.3	-3.2	8.9	-8	-2	-0.86	-0.42	0.30
VOVA18238													47	47	19	48	59	42	32	42		49	22	14	48	50	48	7	6	6
VOVA190079		YYF 160068		98	99	85	109	113	102	105	99	90	100	93	93	99	85	87	100	95	80	79	136	92	107	79	81	94	95	102
93723849		YYF 130266		57	69	67	39	50	53	29	48	16	0.33	0.23	-1	11.5	-5.6	13	18.7	55	-18	-0.7	-35.8	-2.4	19.3	-11	-5	0.24	-0.16	0.43
19 0079													57	56	39	69	67	58	61	46	8	51	57	34	58	51	49	17	16	15
VOVA190090				104									107	87											99					
93673846				27									-0.27	0.44											14.3					
19 0090													26	29											36					
VOVA190099		YYF 160068		91	100	83	101	98	83	88	77	86	96	87	98	100	83	85	97	94	95	94	98	91	107	96	84	89	100	86
89958474		YYF 140020		53	66	59	34	48	49	28	45	14	0.69	0.45	5	12.2	-6.1	7	16.8	50	-34	8.0	-6.2	-2.3	19.4	-1	-2	-0.25	0.12	-0.47
1999													54	50	34	66	59	53	55	43	7	51	58	30	57	52	50	14	13	13
VOVA190104		WO 140253		79	120	88	80	103	88	106	86	110	69	120	124	120	88	99	113	109	91	117	100	106	104	117	115	113	105	104
93548998	1	FXF 060490		61	69	68	51	52	56	30	51	14	2.87	-0.85	34	23.6	-4.7	41	28.8	105	-29	20.9	-7.3	-5.2	17.0	11	28	2.09	0.38	0.50
19104													61	59	51	69	68	63	60	39	18	41	53	39	63	42	41	14	13	13
VOVA190134				110	82	102							111	92		82	102		81	79		95			104	101	84			
93673804				27	23	36							-0.60	0.25		1.5	-0.8		4.3	-4		8.2			17.3	2	-1			
19 0134													26	29		23	36		12	28		34			37	35	33			
VOVA190152		VOVA170014		87	108	119	92	102	106	106	103	103	91	94	105	108	119	120	102	106	93	98	94	105	105	117	109	105	99	112
90095944	2	YYF 150046		55	69	63	25	49	49	26	44	8	1.12	0.20	13	16.6	3.8	88	20.7	94	-31	9.8	-3.1	-5.1	17.7	11	22	1.33	0.07	0.96
19152													57	49	25	69	63	52	62	40	6	49	58	29	59	50	47	9	8	8
VOVA190160		YYF 160068		90	100	88	95	110	91	91	86	88	96	84	104	100	88	87	97	93	76	106	118	104	104	87	84	90	98	99
89958607		YYF 130284		53	68	64	38	51	51	23	45	16	0.69	0.57	12	12.3	-4.7	13	17.1	45	-13	14.8	-21.7	-4.9	17.3	-6	-2	-0.17	-0.04	0.26
19160													54	51	38	68	64	57	60	36	8	41	58	38	58	41	40	17	16	15
VOVA190181		S 155221		116	81	104	113	116	112			71	115	97	89	81	104	85	77	73	66	86	128	110	104	82	80	74	90	82
90341041		FXF 100435		54	65	56	32	47	48			10	-0.90	0.07	-5	1.3	-0.4	7	1.0	-24	-2	3.2	-29.5	-6.1	17.2	-9	-6	-1.71	-0.46	-0.72
19181													54	56	32	65	56	51	52	28	5	33	54	30	57	33	32	10	9	9
VOVA190234		YYF 120243		93	104	89	99	115	102	82	94	88	98	86	99	104	89	93	100	92	92	78	116	119	102	93	94	89	98	101
90559725		VOVA150029		55	65	62	29	50	49	26	44	7	0.47	0.51	6	14.3	-4.6	26	19.1	44	-31	-1.3	-20.2	-7.9	15.9	-3	7	-0.28	-0.02	0.38
19234													55	53	29	65	62	52	60	42	5	52	58	30	61	52	51	7	7	6

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ID Number Name																													
VOVA200175 91426817 20175		WO 150461 VYF 150075	100 57	93 68	63 61	106 42	89 50	65 52	78 42	59 50	78 30	101 0.22 58	94 0.19 52	95 1 42	93 8.0 68	63 -11.9 61	61 -50 57	87 9.0 64	88 30 44	88 -26 34	81 0.5 55	77 10.9 59	86 -1.2 32	110 21.0 60	86 -7 55	77 -9 53	79 -1.23 31	123 1.47 28	85 -0.57 27
VOVA200202 91426908 20202	4	BOS 166109 BOS 166198	89 57	112 68	98 60	93 38	126 51	117 51	103 31	112 47	104 28	86 1.52 58	125 -1.06 55	106 14 38	112 19.0 68	98 -1.9 60	107 58 55	108 25.0 60	101 77 45	85 -23 12	82 1.1 51	125 -27.2 57	123 -8.6 39	114 23.3 57	89 -5 51	110 23 49	105 1.36 30	113 0.86 27	115 1.12 27
VOVA200216 97065171 20216	4	BOS 144028 BOS 066388	88 60	105 65	91 69	92 39	92 54	81 53	82 34	74 49	85 20	88 1.37 60	103 -0.18 60	107 15 39	105 15.2 65	91 -3.9 69	94 27 58	100 19.0 56	87 24 53	85 -22 10	84 2.0 57	83 6.0 59	89 -1.8 39	109 20.3 63	94 -2 57	89 3 56	85 -0.66 21	97 -0.09 19	105 0.56 19
VOVA200231 97065189 20231	4	BOS 144028 BOS 066388	87 60	106 63	92 66	92 39	92 54	82 52	83 30	75 48	88 20	87 1.42 60	103 -0.19 59	107 15 39	106 15.7 63	92 -3.7 66	95 31 56	101 19.6 56	89 31 49	85 -23 10	83 1.2 52	85 3.9 59	89 -2.0 39	107 19.2 63	96 -1 51	94 8 50	87 -0.42 21	97 -0.09 19	105 0.58 19
VOVA200257 91426957 20257		VYF 120243 FXF 110667	101 58	90 70	89 65	103 42	111 54	94 54	76 28	85 49	77 12	101 0.23 59	98 0.03 54	96 3 42	90 6.1 70	89 -4.4 65	80 -6 59	86 8.4 61	80 1 44	73 -10 9	83 1.2 52	112 -16.6 62	111 -6.2 36	105 18.2 63	89 -5 52	82 -3 51	83 -0.78 13	96 -0.16 12	96 0.06 11
VOVA200260 91426965 20260	2	VOVA170164 VYF 150029	92 50	99 64	97 61	85 31	89 41	75 46	91 27	71 42	85 10	95 0.71 51	91 0.31 48	115 24 31	99 11.4 64	97 -2.2 61	89 16 52	96 16.3 47	97 62 41	84 -22 7	109 16.5 50	83 5.6 43	87 -1.6 27	104 17.3 53	97 0 50	99 13 48	91 0.00 10	92 -0.35 9	101 0.35 9
VOVA210003 92529635 21 0003	1	BOS 144174 FXF 070403	107 61	100 72	82 70	113 45	100 54	99 56	91 35	93 52	95 19	108 -0.36 62	93 0.24 57	90 -4 45	100 12.3 72	82 -6.4 70	88 13 62	100 19.4 67	100 71 56	92 -31 9	120 22.7 63	105 -11.1 57	86 -1.3 41	111 21.8 63	123 15 64	116 28 62	97 0.56 20	84 -0.83 18	91 -0.24 18
VOVA210005 96571237 210005	1	BOS 144028 VYF 130097	98 62	109 62	84 59	94 41	104 56	95 52	89 34	89 48	89 18	95 0.76 63	111 -0.47 58	105 13 41	109 17.4 62	84 -5.9 59	93 24 54	105 22.9 56	90 35 56	85 -22 7	103 12.6 61	105 -11.1 64	97 -3.5 41	108 20.0 62	100 1 61	93 6 60	87 -0.43 18	97 -0.07 17	107 0.69 17
VOVA210024 94316445 VOVA210024		V8 160085 VYF 130097	99 62	106 64	81 63	94 45	104 47	91 52	95 32	86 48	94 10	96 0.68 63	109 -0.42 57	105 13 45	106 15.6 64	81 -6.8 63	87 11 57	104 22.4 56	98 63 54	97 -35 5	119 21.7 59	103 -10.0 52	94 -2.8 31	114 23.6 59	93 -3 59	88 2 58	92 0.08 11	107 0.51 10	109 0.81 9
VOVA210027 96571294 210027		BOS 100126 BOS 077023	102 57	101 62	88 61	114 45	108 56	107 52	101 26	102 47	102 18	95 0.74 58	119 -0.80 55	89 -5 45	101 12.8 62	88 -4.8 61	94 28 56	100 19.0 54	106 92 42	91 -29 7	96 8.8 46	124 -26.4 64	101 -4.3 41	98 13.3 64	103 3 46	107 20 44	103 1.12 18	111 0.76 17	123 1.60 16
VOVA210032 96571245 210032	1	BOS 144028 VYF 130097	98 62	109 62	84 59	94 41	91 54	86 51	89 34	80 48	89 18	95 0.76 63	111 -0.47 59	105 13 41	109 17.4 62	84 -5.9 59	93 24 54	105 22.9 56	90 35 56	85 -22 7	103 12.6 61	90 0.2 64	82 -0.5 37	108 19.6 62	100 1 61	93 6 60	87 -0.43 18	97 -0.07 17	107 0.69 17
VOVA210053 92467901 21 0053	1	VYF 120243 VYF 150049	93 60	94 68	100 59	104 33	114 54	102 51	84 25	94 46	83 10	97 0.58 61	88 0.42 57	95 1 33	94 8.9 68	100 -1.5 59	94 29 53	91 12.4 66	88 28 40	72 -9 7	89 4.6 49	111 -16.1 63	120 -8.1 38	102 16.1 62	99 1 48	92 6 47	90 -0.11 10	97 -0.09 9	106 0.65 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																												
ID																												
Number																												
Name																												
% 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		
VOVA210108	BOS 144174	97	99	100	99	113	105	94	99	96	99	99	100	98	97	99	89	100	117	100	114	120	115	96	96	101		
93730232	VOVA170005	59	70	65	37	55	53	33	49	16	0.40	0.17	6	11.6	-1.4	37	16.7	70	-27	11.0	-20.9	-4.1	23.7	13	28	0.44	-0.12	0.36
21 0108											60	56	37	70	65	57	64	53	9	58	64	40	60	59	57	16	15	14
VOVA210117	BOS 144028	94	95	88	99	105	88	86	81	80	95	98	88	83	89	81	61	94	102	100	111	97	93	79	95	109		
93567923	VYF 160053	61	69	60	37	51	52	36	49	18	0.74	0.01	6	9.3	-4.9	2	10.4	3	4	7.5	-9.3	-4.1	21.6	0	7	-1.22	-0.20	0.80
21 117											62	58	37	69	60	55	62	60	7	67	56	37	61	67	65	18	17	17
VOVA210166	VOVA180077	97	109	83	95	94	88	98	84	95	96	101	104	109	83	93	107	98	94	90	99	91	99	91	92	95	93	106
96573225	VYF 140200	47	55	50	36	48	44	29	41	18	0.65	-0.11	11	17.5	-6.1	26	24.3	65	-33	5.4	-6.4	-2.2	13.9	-4	6	0.40	-0.32	0.62
21 166											48	42	36	55	50	47	51	43	12	51	57	32	54	51	50	19	18	17
VOVA210179	WO 150461	91	92	74	97	88	62	80	56	76	94	92	102	92	74	68	87	87	77	91	88	80	106	79	75	77	114	83
92700871	VYF 150233	58	68	59	45	52	52	43	50	30	0.85	0.25	9	7.7	-8.8	-34	8.6	26	-14	5.8	2.0	-0.1	18.2	-11	-10	-1.41	0.94	-0.67
21 179											59	54	45	68	59	57	63	45	34	55	60	36	61	56	54	31	28	27
VOVA210189	VOVA180077	95	105	91	93	109	97	97	92	91	96	97	106	105	91	94	102	95	82	79	121	104	100	90	96	94	91	108
92700897	VYF 160001	47	64	49	31	46	44	28	41	16	0.64	0.07	14	15.0	-4.0	27	20.3	55	-19	-0.8	-24.0	-4.8	14.8	-5	9	0.24	-0.41	0.74
21 189											48	43	31	64	49	48	48	42	10	49	56	27	54	49	48	17	15	15
VOVA210194	VOVA180077	77	106	97	84	85	69	93	66	89	76	109	117	106	97	95	102	89	74	86	80	86	99	84	90	92	94	98
92700905	VYF 130005	51	65	58	38	43	48	26	44	16	2.33	-0.41	27	15.4	-2.3	29	20.4	33	-11	3.2	8.1	-1.4	14.4	-8	3	0.07	-0.25	0.19
21 194											52	49	38	65	58	54	48	38	10	47	44	29	56	48	46	17	16	16
VOVA210195	VYF 120243	97	93	105	99	112	102	84	94	83	101	89	99	93	105	95	92	89	82	88	105	123	102	97	89	89	96	100
92700913	VYF 150075	57	66	57	32	47	48	26	44	10	0.27	0.40	6	7.9	0.1	31	13.0	31	-19	4.3	-11.2	-8.6	16.1	0	3	-0.26	-0.11	0.29
21 195											58	52	32	66	57	52	56	42	7	51	52	30	60	51	49	10	9	8
VOVA210203	BOS 144134	95	105	74	101	100	86	96	82	88	95	102	98	105	74	82	103	97	94	105	107	92	104	90	89	89	84	94
93631935	VYF 130095	57	68	60	43	48	51	28	46	12	0.76	-0.12	5	15.0	-8.8	1	21.7	63	-33	14.1	-12.8	-2.5	17.3	-4	3	-0.24	-0.82	-0.05
21 203											58	54	43	68	60	57	64	45	8	50	53	35	57	50	48	13	12	12
VOVA210208	BOS 144134	101	114	71	91	100	88	102	85	101	96	115	110	114	71	86	112	105	94	104	104	97	100	92	102	102	93	106
94272135	OKT 170188	58	67	57	43	45	50	26	45	10	0.71	-0.65	19	20.1	-9.5	8	28.7	89	-33	13.4	-10.4	-3.5	14.9	-3	16	1.00	-0.31	0.63
21 208											59	53	43	67	57	56	62	41	8	44	47	31	56	44	43	11	10	10
VOVA210212	BOS 144134	93	104	78	105	101	89	91	83	89	93	100	95	104	78	86	102	92	73	102	106	94	104	74	84	94	79	95
93631927	FXF 070210	61	69	62	48	49	54	28	49	12	0.90	-0.04	2	14.6	-7.6	10	20.6	43	-9	12.3	-12.2	-2.8	17.1	-14	-2	0.26	-1.12	0.02
21 212											61	59	48	69	62	60	64	45	8	50	53	33	60	50	49	13	11	11
VOVA210265	BOS 144174	99	112	80	94	108	98	101	94	101	98	103	106	112	80	92	109	103	93	103	126	90	108	108	109	102	86	98
92701820	VOVA180005	55	69	63	39	53	52	33	48	20	0.53	-0.19	14	19.0	-7.2	22	26.1	84	-31	12.9	-27.5	-2.1	19.6	6	22	1.09	-0.71	0.20
21 265											56	50	39	69	63	57	63	51	12	55	62	38	60	55	54	21	19	19
VOVA210268	BOS 144174	115	96	99	113	100	109	93	102	87	118	86	89	96	99	98	94	97	92	94	111	82	109	99	99	88	84	93
92701846	FXF 110489	58	70	65	41	54	54	30	49	17	-1.15	0.52	-5	9.6	-1.6	37	14.1	61	-30	7.5	-16.0	-0.5	20.3	1	12	-0.33	-0.81	-0.13
21 268											60	53	41	70	65	59	65	49	9	54	63	40	60	54	53	18	16	16

Breeding Values and Accuracies: Cows

Green: >120 High
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Orange: <80 Low

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																													
VOVA220005 97065577 22 005	2	BOS 144174 FXF 110667	105 57	99 62	93 61	102 45	99 53	96 51	91 36	90 48	96 18	103 0.07 59	103 -0.19 52	97 4	99 11.5 62	93 -3.2 61	93 25 56	96 15.8 56	100 71 56	98 -37 11	101 11.6 62	111 -16.2 57	83 -0.6 40	107 18.9 61	111 8 63	105 18 61	97 0.54 18	92 -0.36 17	94 -0.04 16
VOVA220012 94149499 22 012	1	BOS 144174 FXF 070403	107 64	96 63	90 63	114 45	93 55	96 54	87 37	89 51	93 19	108 -0.35 66	92 0.24 58	89 -5 45	96 10.0 63	90 -4.1 63	91 20 57	96 16.0 58	100 73 59	97 -36 9	116 20.5 66	106 -11.8 57	85 -1.1 45	97 12.9 64	116 11 67	113 26 65	95 0.38 20	84 -0.83 18	90 -0.26 18
VOVA220020 94149507 22 020	2	V8 160085 VYF 140129	91 64	104 61	81 59	92 47	105 48	85 52	100 30	82 48	100 14	90 1.15 66	105 -0.27 58	108 16 47	104 14.2 61	81 -6.7 59	84 3 56	101 19.8 56	104 88 49	104 -43 8	117 20.6 52	105 -11.1 52	101 -4.3 35	107 19.3 56	102 3 53	99 12 52	97 0.53 15	114 0.90 14	113 1.03 13
VOVA220041 98367535 22 041		WIL 170436 VYF 140034	97 45	104 47	102 45	96 23	94 35	95 36			95 8	100 0.30 47	91 0.30 40	102 10 23	104 14.5 47	102 -0.9 45	103 50 38	103 21.5 42	104 87 25	101 -41 6	108 15.8 31	95 -3.7 32	85 -1.1 22	107 19.4 50	108 6 31	99 13 30	96 0.47 9	89 -0.54 8	94 -0.07 8
VOVA220058 96841135 22 058		BOS 144174 BOS 077023	98 58	103 63	86 62	105 39	110 54	102 51	95 35	97 48	102 16	93 0.89 59	115 -0.63 53	95 1 39	103 13.6 63	86 -5.3 62	92 23 55	99 18.4 56	103 84 57	95 -34 8	101 11.4 62	116 -20.2 59	102 -4.4 39	109 20.2 63	114 9 63	111 24 61	102 1.09 16	93 -0.30 15	101 0.36 14
VOVA220080 97065130 22 080		BOS 177663 BOS 066388	87 56	111 61	98 57	89 38	89 46	86 48	98 29	82 44	99 32	88 1.36 57	103 -0.16 51	111 19 38	111 18.6 61	98 -2.0 57	104 51 52	112 28.1 52	107 97 48	103 -43 7	93 6.9 51	79 9.1 52	91 -2.2 29	104 17.5 57	81 -10 50	97 11 49	118 2.65 34	50 -2.82 31	83 -0.68 30
VOVA220081 94149572 22 081	1	FXF 040408 VOVA190080	94 63	101 59	84 56	98 51	94 54	82 52	93 30	77 48	87 27	97 0.60 65	93 0.20 56	100 8 51	101 12.5 59	84 -5.8 56	86 8 55	100 18.9 55	94 49 49	82 -20 10	99 10.4 51	100 -7.6 56	85 -1.1 46	104 17.1 60	93 -3 52	88 2 51	91 0.00 28	93 -0.33 26	100 0.32 25
VOVA220083 97189286 22 083	1	FXF 040408 VOVA160080	111 64	96 59	87 58	100 50	93 54	87 52	89 30	81 48	87 28	110 -0.49 66	98 0.03 55	98 5 50	96 9.6 59	87 -5.0 58	84 3 56	98 17.1 54	93 46 48	89 -27 12	98 10.0 49	95 -3.7 56	85 -1.1 45	104 17.6 60	98 0 49	91 5 49	89 -0.24 29	94 -0.26 26	104 0.50 26
VOVA220101 94149648 22 101		BOS 144134 VYF 160051	97 66	100 60	71 58	110 42	108 48	91 51	87 28	84 46	84 10	95 0.72 68	104 -0.23 57	93 -1 42	100 11.9 60	71 -9.7 58	76 -15 53	98 17.4 56	89 32 46	79 -16 8	90 5.2 51	110 -15.4 53	102 -4.5 34	108 19.7 58	76 -13 50	84 -2 49	87 -0.41 11	91 -0.43 10	103 0.46 10
VOVA220122 94475282 22 122	1	BOS 144134 FXF 10041F	93 67	103 61	92 61	90 47	87 50	77 53	94 32	73 49	97 12	93 0.96 69	102 -0.15 60	109 18 47	103 13.9 61	92 -3.7 61	91 21 56	99 18.3 58	99 70 52	89 -27 8	89 5.0 58	90 0.4 53	79 0.2 36	102 15.8 60	90 -4 59	98 12 57	96 0.48 12	94 -0.25 11	101 0.35 11
VOVA220132 97811129 220132	27	VYF 120243 VOVA190042	96 55	87 65	99 56	105 33	121 48	103 48	75 26	93 44	75 8	101 0.24 56	83 0.60 51	94 0 33	87 4.6 65	99 -1.8 56	85 7 51	84 6.5 60	79 -3 42	70 -7 5	77 -1.7 51	121 -24.2 55	126 -9.3 31	102 16.3 58	89 -5 51	83 -2 50	80 -1.07 9	93 -0.30 8	98 0.20 8
VOVA220159 96543533 22 159		BOS 177663 VYF 150049	94 65	106 66	93 54	98 37	88 43	87 50	101 27	84 45	95 32	94 0.84 68	102 -0.13 53	100 7 37	106 15.7 66	93 -3.3 54	99 41 52	106 23.8 56	104 88 45	92 -31 6	100 10.9 49	77 10.6 50	85 -1.0 24	110 21.0 56	85 -7 49	95 8 48	116 2.46 33	49 -2.86 30	86 -0.49 29

Breeding Values and Accuracies: Cows

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Inbreeding in red is high			Value <80				Value >120				Breeding values with an accuracy < 5% are not printed																		
Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
VOVA220162		BOS 144134	100	111	77	92	94	85	104	82	103	98	105	108	111	77	87	109	104	99	108	88	94	103	90	99	99	93	105
97040034		VOVA180238	61	61	55	39	42	48	28	44	10	0.46	-0.26	17	18.2	-7.9	12	26.4	86	-38	15.5	1.6	-2.9	16.9	-4	13	0.73	-0.32	0.59
22 162												64	52	39	61	55	52	53	45	8	48	44	28	54	48	47	10	9	9
VOVA220227		V8 160085	86	105	82	91	117	92	94	87	97	86	101	108	105	82	86	101	99	96	107	110	115	114	103	100	95	112	113
94149713	1	VOVA170005	64	67	59	43	47	52	29	47	10	1.46	-0.09	16	15.0	-6.5	8	20.0	68	-35	14.9	-14.9	-7.1	23.7	3	13	0.39	0.82	1.01
22 227												66	56	43	67	59	56	56	48	6	53	52	32	56	53	52	11	10	10
VOVA220238		BOS 144134	89	118	69	86	105	87	111	86	108	86	113	116	118	69	87	117	111	99	112	109	96	109	95	106	110	88	105
97065080	1	VOVA180005	56	60	57	44	48	49	32	46	17	1.50	-0.57	25	22.8	-10.0	11	32.4	113	-38	18.1	-14.2	-3.4	20.1	-2	19	1.81	-0.61	0.57
22 238												57	53	44	60	57	54	56	49	12	53	53	33	58	53	52	18	16	16
VOVA220242		VOVA180223	92	99	112	94	100	97	92	91	95	95	91	103	99	112	106	100	102	101	109	96	95	108	88	87	97	106	99
94149721	1	VYF 150201	63	66	52	33	42	48	26	44	12	0.72	0.30	10	11.8	1.9	57	19.1	78	-40	16.3	-4.7	-3.2	19.9	-6	1	0.59	0.46	0.22
22 242												67	51	33	66	52	50	51	37	11	44	44	28	53	45	43	13	12	12
VOVA220271	13	VOVA190249	95	100	92	111	119	111	82	102	81	98	90	91	100	92	95	98	89		78	115	120	110	86	84	86	95	102
94445814		VOVA190234	48	62	45	23	39	41	22	37	6	0.48	0.35	-3	12.0	-3.7	31	17.2	33		-1.4	-18.9	-8.1	20.8	-7	-2	-0.57	-0.16	0.42
22 271												50	43	23	62	45	43	48	37		44	46	23	49	44	43	7	6	6
VOVA220288		BOS 177663	95	109	90	87	86	80	95	76	97	92	110	113	109	90	95	109	100	88	87	78	79	110	75	96	115	47	84
96543541		BOS 133044	54	67	56	40	46	49	29	45	34	1.01	-0.47	22	17.3	-4.2	29	26.1	71	-26	3.9	9.4	0.2	20.7	-13	10	2.37	-2.99	-0.63
22 288												56	49	40	67	56	54	52	49	6	53	51	30	56	53	52	35	32	31
VOVA220322		V8 160085	101	105	76	94	104	89	95	84	94	97	110	105	105	76	82	103	98	97	119	104	93	113	93	88	92	107	109
94445913		VYF 130097	62	62	58	45	47	51	32	47	10	0.56	-0.44	13	15.1	-8.0	0	21.7	64	-35	21.7	-10.4	-2.7	22.7	-3	2	0.10	0.51	0.82
22 322												63	57	45	62	58	55	55	54	5	59	52	31	57	59	58	11	10	9
VOVA220382		VOVA180223	98	96	120	93	113	110	92	104	95	102	86	103	96	120	108	95	99	98	109	105	110	114	106	100	96	102	79
94445830	1	WIL 130046	52	52	46	27	36	40	24	37	12	0.14	0.50	11	9.5	4.1	61	15.4	69	-37	16.3	-11.6	-6.2	23.3	5	13	0.42	0.25	-0.87
22 382												54	47	27	52	46	42	43	35	10	41	34	23	50	41	40	13	11	11
VOVA220535		CMO 180075	113	89	66	122	96	85	79	78	70	106	120	82	89	66	63	83	82	74	90	103	77	113	77	78	78	92	93
97553978	1	FXF 110363	57	52	49	26	37	41	20	37	10	-0.15	-0.83	-14	5.7	-11.0	-46	6.0	6	-10	5.7	-9.5	0.5	22.8	-12	-8	-1.33	-0.37	-0.10
22 535												61	43	26	52	49	42	44	33	5	39	39	24	49	40	38	11	10	9
VOVA220536		BOS 144174	110	103	87	110	95	100	91	94	93	109	97	92	103	87	94	99	97	85	101	104	82	105	117	109	95	92	101
98262074	2	VYF 150046	65	60	59	37	49	50	30	46	16	-0.43	0.05	-2	13.7	-5.1	27	18.0	62	-23	11.6	-10.4	-0.5	18.1	11	22	0.32	-0.34	0.33
22 536												68	53	37	60	59	52	56	48	9	54	54	36	57	54	53	16	15	15
VOVA220588		BOS 133175	111	100	88	112	104	107	92	100	92	104	123	90	100	88	93	103	100	102	98	121	95	98	85	90	89	103	104
97204507	1	WO 190082	44	54	50	30	43	41	22	37	16	-0.04	-0.97	-4	12.3	-4.7	25	21.0	73	-41	10.0	-24.0	-3.1	13.3	-7	4	-0.20	0.26	0.51
220588												45	39	30	54	50	45	46	32	9	36	48	30	50	36	35	17	15	15
ROCK230521		OBS 140279	112	98	78	115	117	111	96	105	90	109	103	89	98	78	82	92	93	89	91	124	110	108	88	87	92	95	100
97414692	2	ROCK120173	54	69	62	28	47	49	20	43	11	-0.44	-0.16	-6	11.2	-7.6	0	13.1	48	-27	5.9	-26.3	-6.1	19.9	-6	1	0.02	-0.17	0.28
ROCK230521												55	50	28	69	62	53	58	31	8	32	54	32	56	31	31	11	11	10

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																														
ROCK230564	1	OBS 140279 97415111 ROCK140045	107 51	104 69	80 61	108 28	127 47	119 48			95 10	107 -0.26 52	97 0.07 46	94 0 28	104 14.5 69	80 -7.0 61	89 15 53		97 16.8 56	97 61 29	91 -29 7	90 5.4 31	132 -32.3 54	120 -8.1 32	114 23.8 55	90 -5 30	94 8 29	95 0.39 10	95 -0.17 10	102 0.41 9
VOVA230005	1	BOS 144134 97999635 VOVA180005	89 56	118 60	69 57	86 44	104 48	86 49	111 32	85 46	108 17	86 1.50 57	113 -0.57 53	116 25 44	118 22.8 60	69 -10.0 57	87 11 54		117 32.4 56	111 113 49	99 -38 12	112 18.1 53	109 -14.2 53	96 -3.4 33	106 18.6 58	95 -2 53	106 19 52	110 1.81 18	88 -0.61 16	105 0.57 16
VOVA230025		VYF 120243 97744635 VOVA200216	90 55	96 65	99 57	96 34	110 50	94 49	77 28	86 45	81 12	93 0.94 56	93 0.23 53	102 10 34	96 9.9 65	99 -1.7 57	92 24 52		92 13.0 58	82 8 45	75 -11 7	78 -1.4 53	105 -11.4 60	114 -6.8 32	105 18.1 59	91 -4 52	88 2 51	84 -0.70 12	98 -0.03 11	104 0.55 11
VOVA230037	2	V8 160085 96460357 VYF 140129	85 67	113 69	78 59	87 47	101 51	82 54	106 30	80 49	109 14	84 1.68 69	107 -0.34 58	114 23 47	113 19.3 69	78 -7.6 59	88 13 58		109 26.0 56	112 115 49	112 -52 8	123 24.2 52	91 -0.5 60	100 -4.1 35	111 21.4 57	110 7 53	108 21 52	104 1.24 15	115 0.99 14	116 1.20 13
VOVA230068		V8 160085 96455829 VYF 160050	82 65	105 68	83 59	92 42	112 46	88 52	95 28	84 47	96 10	83 1.76 68	101 -0.10 56	107 15 42	105 15.1 68	83 -6.2 59	87 11 56		101 19.5 59	101 75 48	102 -41 5	110 16.6 52	111 -16.3 52	115 -7.1 30	104 17.4 56	102 3 53	97 10 52	95 0.35 11	105 0.40 10	108 0.77 9
VOVA230109	1	VOVA200066 96455837 VYF 160043	99 59	92 61	99 49	110 30	110 39	104 45	80 24	95 41	79 10	98 0.53 63	104 -0.22 45	91 -3 30	92 7.6 61	99 -1.6 49	93 25 47		88 9.5 46	82 7 35	71 -8 6	98 9.8 43	110 -15.0 41	115 -7.1 27	100 14.9 50	97 0 43	88 2 42	81 -0.98 10	98 0.01 9	99 0.24 9
VOVA230110		VYF 120243 97744643 VOVA200231	85 63	102 65	98 56	92 34	113 50	97 50	81 27	89 45	87 12	88 1.31 65	94 0.18 54	106 14 34	102 13.5 65	98 -2.1 56	96 33 52		98 17.5 58	88 27 44	80 -18 7	81 0.3 51	110 -15.0 60	117 -7.5 32	105 17.6 59	97 0 50	96 9 50	89 -0.18 12	99 0.02 11	106 0.66 11
VOVA230121	1	VOVA200066 96831623 VOVA190181	111 55	89 49	98 42	111 29	106 35	104 39	77 21	95 35	77 8	108 -0.31 59	107 -0.34 43	91 -3 29	89 5.8 49	98 -1.9 42	88 15 40		84 6.7 42	79 -4 31	71 -8 5	100 11.0 38	109 -14.2 36	106 -5.3 23	102 15.8 47	98 0 39	89 3 37	79 -1.25 8	95 -0.20 8	90 -0.27 7
VOVA230122		VOVA200066 97553879 VOVA190079	108 55	91 61	91 46	115 30	104 36	101 43	89 24	94 39	80 10	106 -0.14 59	103 -0.19 42	88 -7 30	91 6.7 61	91 -3.9 46	86 8 46		89 10.6 44	83 11 36	70 -7 6	91 5.8 43	115 -19.4 37	95 -3.1 24	102 16.0 46	89 -5 43	81 -5 42	82 -0.88 11	96 -0.12 10	97 0.15 10
VOVA230130	1	VOVA200066 96455860 VOVA160022	94 58	101 52	103 48	95 34	94 39	91 43	84 23	83 39	86 10	94 0.81 62	99 -0.02 45	103 10 34	101 12.5 52	103 -0.4 48	101 43 45		96 16.1 46	87 24 35	81 -18 5	97 9.3 42	96 -4.1 41	98 -3.7 27	95 11.6 48	106 5 42	96 10 40	85 -0.63 11	98 0.02 10	94 -0.06 9
VOVA230132	1	VOVA200066 96455878 VOVA170004	103 56	91 60	106 47	100 27	91 36	89 42	85 22	82 38	80 8	100 0.31 60	106 -0.28 43	98 5 27	91 7.0 60	106 0.4 47	95 30 45		90 11.6 44	85 19 33	74 -11 5	103 12.9 41	94 -3.1 38	92 -2.5 23	95 11.7 47	100 1 42	87 1 40	80 -1.13 8	92 -0.38 7	93 -0.08 7
VOVA230155		VOVA190235 96831631 VOVA190099	94 42	97 50	93 42	94 25	97 37	82 37	85 22	76 34	82 8	97 0.55 43	89 0.36 37	105 12 25	97 10.1 50	93 -3.5 42	87 10 39		91 12.2 44	87 24 34	78 -15 5	92 6.8 42	98 -5.7 40	96 -3.2 22	101 15.6 48	89 -5 42	84 -2 41	85 -0.59 9	96 -0.14 8	94 -0.02 8

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

Value <80	Value >120
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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
VOVA230209 6020241987 230209	8	VOVA190235 VOVA190086	91 40	96 49	98 40	93 25	96 36	82 36	85 21	76 33	83 8	95 0.76 41	89 0.38 35	106 13 25	96 9.6 49	98 -2.1 40	90 18 38	90 11.4 44	86 21 32	72 -9 5	97 9.2 39	103 -9.9 40	99 -3.9 23	92 9.9 45	83 -8 39	83 -3 38	88 -0.35 9	96 -0.11 8	100 0.27 8
VOVA230234 96455951 230234	8	VOVA190235 VOVA200266	98 42	91 60	94 42	101 24	92 35	81 38	81 20	74 34	74 8	101 0.24 44	89 0.39 36	98 5 24	91 7.0 60	94 -3.1 42	85 6 42	86 8.4 46	83 9 31	71 -7 5	86 3.1 38	90 0.5 35	95 -3.1 22	98 13.5 48	84 -8 38	83 -2 37	79 -1.18 8	89 -0.54 7	96 0.06 7
VOVA230251 96847637 230251	1	WO 160019 VOVA210003	109 55	107 67	93 54	107 38	96 42	106 48	92 26	99 44	97 12	111 -0.62 57	88 0.42 50	94 0 38	107 16.2 67	93 -3.4 54	103 49 53	107 24.6 60	95 55 44	82 -19 5	103 13.0 50	94 -2.4 47	87 -1.4 27	111 21.9 52	104 4 50	105 18 48	99 0.71 13	98 -0.01 12	96 0.09 11
VOVA230253 96456025 230253	1	WO 160019 VOVA210039	105 56	110 59	96 52	93 41	90 45	95 47	103 31	92 44	105 20	108 -0.32 57	88 0.43 51	106 14 41	110 17.6 59	96 -2.4 52	103 49 51	107 24.2 54	103 84 43	85 -22 16	105 14.2 48	91 -0.6 50	81 -0.2 32	107 19.0 53	103 3 47	108 21 46	108 1.62 20	108 0.54 19	102 0.40 18
VOVA230254 96456017 230254		WO 160019 VOVA210069	96 56	113 66	104 53	92 40	101 45	106 49	100 30	101 45	104 20	100 0.33 57	87 0.45 51	106 15 40	113 19.8 66	104 -0.2 53	113 72 53	112 28.0 60	100 74 42	83 -21 16	103 12.9 47	97 -5.3 50	98 -3.8 31	107 19.3 53	100 1 47	106 19 45	108 1.65 20	111 0.72 19	101 0.37 18
VOVA230287 97880546 230287	1	VYF 120243 VOVA200146	91 62	102 67	83 57	98 36	113 48	94 50	81 32	86 46	85 16	95 0.73 65	88 0.41 53	100 8 36	102 13.1 67	83 -6.1 57	86 10 53	97 16.7 56	87 24 42	81 -19 18	83 1.3 52	115 -19.1 54	116 -7.4 33	101 15.5 57	89 -5 52	86 0 51	87 -0.46 17	112 0.79 16	99 0.24 15
VOVA230291 97811236 230291		VOVA190235 VOVA180199	82 36	110 59	117 40	79 24	102 34	96 37	97 22	91 34	107 8	84 1.65 38	97 0.05 31	123 33 24	110 17.8 59	117 3.4 40	112 70 41	99 18.2 52	110 108 32	110 -50 6	117 21.0 39	101 -8.1 38	108 -5.8 19	96 12.4 46	117 11 40	114 27 38	105 1.35 8	97 -0.04 7	108 0.77 7
VOVA230310 97569339 230310		VOVA190235 VOVA200158	106 41	94 61	96 45	94 27	93 39	85 40	74 22	76 36	74 14	106 -0.18 42	97 0.08 37	104 12 27	94 8.5 61	96 -2.4 45	87 11 44	89 10.5 46	72 -28 34	52 13 6	86 2.9 40	92 -1.4 42	94 -2.8 27	99 14.1 48	74 -14 40	78 -7 39	77 -1.40 15	96 -0.14 14	98 0.17 13
VOVA230311 96847512 230311	1	BOS 188650 VYF 140095	130 50	100 57	79 48	106 28	96 40	101 42	108 28	99 39	106 10	124 -1.66 52	108 -0.39 43	94 1 28	100 12.2 57	79 -7.2 48	83 3 44	99 17.9 49	109 106 46	106 -46 6	113 18.3 51	87 2.7 46	103 -4.6 23	100 15.0 52	96 -1 52	101 15 50	109 1.72 11	95 -0.20 10	102 0.41 10
VOVA230314 96847579 230314	1	BOS 188650 VYF 140095	130 50	100 57	79 48	106 28	96 40	101 42	108 28	99 39	106 10	124 -1.66 52	108 -0.39 43	94 1 28	100 12.2 57	79 -7.2 48	83 3 44	99 17.9 49	109 106 46	106 -46 6	113 18.3 51	87 2.7 46	103 -4.6 23	100 15.0 52	96 -1 52	101 15 50	109 1.72 11	95 -0.20 10	102 0.41 10
VOVA230315 96847421 230315		BOS 177663 VYF 140095	109 58	109 58	91 50	88 37	89 40	90 45	112 32	89 42	108 32	108 -0.30 60	100 -0.07 51	111 20 37	109 17.3 58	91 -3.9 50	96 32 48	109 26.0 49	114 124 55		104 13.3 59	81 7.7 44	96 -3.2 21	97 12.9 54	84 -8 60	101 14 59	126 3.38 33	48 -2.93 30	84 -0.59 29
VOVA230316 96456066 230316		BOS 177663 VYF 160053	93 63	112 68	88 55	89 37	99 43	91 50	100 27	87 45	98 32	94 0.85 67	99 -0.02 51	111 19 37	112 18.8 68	88 -4.7 55	96 34 53	111 27.6 56	104 88 48		100 11.1 53	90 0.2 50	104 -4.8 25	105 17.7 53	84 -8 53	99 13 52	116 2.43 33	49 -2.89 30	88 -0.41 29

Breeding Values and Accuracies: Cows

Green: >120 High
White: 80-120 Average
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Inbreeding in red is high				Value <80				Value >120				Breeding values with an accuracy < 5% are not printed																		
Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
VOVA230317		BOS 177663		109	109	91	88	89	90	112	89	108	108	100	111	109	91	96	109	114	104	81	96	97	84	101	126	48	84	
96847397		VYF 140095		58	58	50	37	40	45	32	42	32	-0.30	-0.07	20	17.3	-3.9	32	26.0	124	13.3	7.7	-3.2	12.9	-8	14	3.38	-2.93	-0.59	
230317													60	51	37	58	50	48	49	55	59	44	21	54	60	59	33	30	29	
VOVA230319		BOS 177663		91	107	103	90	96	92	102	89	100	93	97	109	107	103	103	109	108	105	91	96	104	85	100	122	46	84	
96456074		VOVA170003		63	59	53	37	42	47	28	43	31	0.92	0.05	17	15.9	-0.7	50	25.8	102	13.9	-0.1	-3.2	17.5	-7	14	3.06	-3.06	-0.59	
230319													66	52	37	59	53	50	52	50	54	50	24	52	55	54	32	30	29	
VOVA230362		VOVA200066		97	98	93	110	98	96	86	89	81	96	106	92	98	93	94	95	85	97	91	105	100	94	86	84	93	98	
96456116		VYF 150140		49	64	50	32	39	44	26	40	10	0.71	-0.29	-2	10.8	-3.3	27	14.9	18	9.2	-0.6	-5.2	14.9	-2	0	-0.75	-0.31	0.19	
230362													51	42	32	64	50	49	51	37	45	41	26	49	45	43	11	10	9	
VOVA230364	1	WO 160019		97	116	100	95	105	111	102	106	110	94	107	103	116	100	114	112	107	95	97	101	113	104	112	112	106	106	
98262124		VOVA200230		53	65	53	36	42	47	25	43	12	0.80	-0.33	11	21.3	-1.4	74	28.5	99	8.1	-5.5	-4.3	22.8	3	25	2.02	0.47	0.65	
230364													54	48	36	65	53	51	52	41	47	47	26	52	47	45	13	11	11	
VOVA230386		WO 160019		107	106	96	103	99	105	102	101	107	106	101	96	106	96	103	103	105	97	103	95	102	102	109	107	113	115	
97573695		VOVA210027		55	56	51	38	42	45	24	41	12	-0.14	-0.10	2	15.7	-2.6	50	21.7	91	9.5	-9.6	-3.0	16.2	3	22	1.52	0.85	1.14	
230386													56	50	38	56	51	48	50	40	46	50	27	50	45	43	12	11	11	
VOVA230421		VOVA190235		100	95	95	98	103	93	80	85	80	101	95	100	95	95	89	92	81	72	111	103	97	85	86	80	100	100	
97204515		WO 190082		42	47	39	22	34	34	21	31	6	0.21	0.13	7	9.5	-2.9	17	12.9	5	6.0	-16.1	-4.6	13.0	-8	0	-1.15	0.12	0.33	
230421													44	33	22	47	39	36	43	31	38	38	20	45	39	37	6	6	6	
VOVA230422		WO 160019		104	112	90	95	99	101	99	96	102	104	97	104	112	90	102	108	101	108	91	92	115	97	99	101	110	108	
96456165		VOVA210024		55	65	52	38	40	47	26	43	10	0.00	0.06	12	19.3	-4.2	46	25.4	76	15.9	-0.7	-2.4	23.9	0	13	0.97	0.72	0.74	
230422													57	50	38	65	52	52	54	43	49	46	24	51	49	47	10	9	8	
VOVA230425		VOVA190235		103	88	103	95	95	85			75	105	92	103	88	103	87	83	79	88	96	94	101	90	84	77	82		
96456173		VOVA190267		34	37	30	18	29	28			5	-0.07	0.24	10	5.0	-0.5	11	6.1	-5	4.5	-4.1	-2.8	15.3	-5	-2	-1.39	-0.93		
230425													35	31	18	37	30	28	34	26	33	28	16	43	33	32	5	5		
VOVA230429	1	VOVA200066		97	93	94	111	100	94	79	85	79	96	103	91	93	94	90	88	82	75	102	96	105	99	94	84	82	93	97
96456199		VYF 150221		49	52	48	31	39	41	24	38	8	0.65	-0.19	-3	8.3	-3.1	18	9.8	6	12.4	-4.7	-5.1	14.0	-2	-2	-0.92	-0.30	0.12	
230429													51	42	31	52	48	44	46	36	45	40	26	50	45	43	9	8	8	
VOVA230436	1	VOVA200066		106	93	90	102	94	87	82	79	79	104	105	96	93	90	84	88	83	67	107	89	95	102	99	88	79	90	100
96456215		VYF 130284		49	53	50	35	41	42	24	38	12	0.03	-0.26	3	8.2	-4.2	5	9.8	11	15.1	0.9	-3.1	16.2	1	2	-1.17	-0.49	0.31	
230436													51	44	35	53	50	46	48	36	45	42	30	51	45	43	12	11	11	
VOVA230455	1	WO 160019		106	110	94	95	97	100	96	95	100	106	97	104	110	94	102	106	97	101	93	93	108	100	102	99	106	107	
97573703		VOVA210005		55	57	51	37	42	45	26	41	12	-0.13	0.06	11	18.0	-3.2	47	23.7	62	11.4	-1.9	-2.6	19.6	2	15	0.75	0.43	0.69	
230455													57	50	37	57	51	48	50	44	50	50	27	49	49	48	12	11	11	
VOVA240036		WO 160019		99	105	102	94	101	100	95	95	100	103	87	103	105	102	103	101	97	95	96	104	102	97	101	101	104	107	
97527725		VOVA190242		55	56	51	36	40	44	24	40	10	0.05	0.46	11	14.9	-1.0	50	20.1	60	8.2	-4.6	-4.9	16.2	0	14	0.90	0.33	0.72	
240036													57	50	36	56	51	48	50	41	47	47	24	50	47	45	10	9	9	

Breeding Values and Accuracies: Cows

Green: >120 High
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Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																
Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
VOVA240070		WO 160019 VOVA200159	103 55	99 59	86 51	110 39	92 41	91 46	88 30	85 43	89 17	108 -0.29 56	85 0.56 50	92 -2 39	99 11.6 59	86 -5.4 51	89 15 50		94 14.2 53	90 36 39	72 -9 17	90 5.3 46	91 -0.6 49	90 -2.0 25	102 16.1 50	82 -9 46	86 0 44	91 0.01 18	111 0.74 16	92 -0.14 15
VOVA240074		WO 160019 VOVA160022	100 62	106 59	108 55	91 39	93 43	98 48	93 24	92 43	100 11	106 -0.13 64	81 0.70 53	108 16 39	106 15.8 59	108 0.8 55	108 61 51		103 21.1 52	97 61 41		89 5.0 46	92 -1.0 50	91 -2.3 27	103 16.4 52	100 1 45	103 16 43	99 0.73 12	106 0.46 10	98 0.20 10
VOVA240075	1	WO 160019 BOS 133044	107 60	104 60	97 56	92 39	87 45	89 48	90 27	83 44	98 16	107 -0.24 62	97 0.07 51	106 14 39	104 14.7 60	97 -2.3 56	98 36 52		102 20.2 52	93 47 43	74 -11 7	86 3.3 48	83 5.8 51	79 0.2 31	107 19.3 52	91 -4 48	101 14 46	99 0.74 17	101 0.18 15	104 0.50 15
VOVA240085		WO 160019 VOVA160056	124 62	93 56	91 51	110 33	89 38	97 45	88 26	90 41	89 10	125 -1.72 65	88 0.42 50	92 -2 33	93 7.8 56	91 -3.8 51	86 10 47		90 11.3 49	90 36 42		87 3.5 49	86 3.6 45	87 -1.4 21	103 16.9 48	81 -10 49	88 2 47	88 -0.35 10	100 0.08 9	99 0.25 8
VOVA240092	1	VOVA210006 VYF 160001	93 61	111 54	79 47	91 30	106 38	91 43	104 25	88 39	103 8	93 0.91 65	101 -0.08 46	109 17 30	111 18.3 54	79 -7.3 47	89 16 44		108 25.6 42	103 84 42		105 14.0 47	114 -18.7 42	96 -3.2 25	106 18.7 46	100 2 48	101 14 46	102 1.09 8	104 0.32 7	115 1.17 7
VOVA240093	4	VOVA210006 VYF 140129	92 62	113 56	82 49	86 35	100 40	87 45	109 28	86 42	110 12	92 1.01 66	102 -0.14 48	115 24 35	113 19.7 56	82 -6.5 49	91 22 47		111 27.9 46	111 111 44	107 -46 8	128 27.2 49	101 -8.4 42	92 -2.5 30	109 20.2 47	112 8 49	108 21 48	106 1.42 13	113 0.85 12	115 1.15 12
VOVA240114		VOVA210221 VOVA180219	99 45	96 33	95 28	98 14	97 21	88 26	78 22	79 25	79 8	100 0.36 50	97 0.07 26	100 7 14	96 9.7 33	95 -2.8 28	90 18 25		93 13.6 26	79 -3 30	78 -15 5	81 0.2 39	100 -7.6 20	95 -3.0 12	100 14.5 31	87 -6 40	86 0 38	77 -1.36 8	88 -0.58 7	77 -1.03 7
VOVA240117		VOVA210221 VOVA190099	92 35	104 45	85 36	96 23	100 31	87 32	87 24	81 30	88 10	95 0.78 36	95 0.14 31	103 10 23	104 14.5 45	85 -5.5 36	90 17 35		100 19.2 38	90 36 37	86 -24 6	91 5.8 43	102 -9.0 35	97 -3.4 19	102 16.1 38	92 -3 44	88 2 42	87 -0.44 11	102 0.20 10	95 0.02 10
VOVA240131	8	BOS 133097 VOVA220005	108 53	107 57	90 56	98 43	111 52	109 48	99 36	104 46	103 32	101 0.25 54	118 -0.75 49	100 7 43	107 15.9 57	90 -4.1 56	97 35 52		104 22.0 52	108 102 47	112 -52 21	99 10.4 51	113 -17.7 55	105 -5.0 44	109 20.4 56	97 0 51	104 17 50	106 1.44 33	99 0.03 31	94 -0.04 30
VOVA240159	6	BOS 133097 VOVA220058	101 52	108 58	87 57	99 41	116 51	110 48	101 36	105 46	106 31	96 0.66 53	123 -0.98 50	99 6 41	108 17.0 58	87 -5.1 57	97 34 52		106 23.3 52	110 108 48	110 -50 21	99 10.3 51	116 -19.7 55	114 -6.9 43	110 21.1 56	98 0 51	107 20 50	109 1.71 32	99 0.05 30	97 0.16 30
VOVA240167	15	VOVA190235 VOVA190042	96 43	93 51	95 43	96 25	104 37	88 37	81 22	80 34	77 8	100 0.33 44	88 0.40 38	102 10 25	93 7.8 51	95 -2.8 43	85 8 40		88 9.4 47	82 7 34	70 -7 5	88 4.4 42	108 -13.9 42	108 -5.7 23	96 12.3 47	88 -5 42	84 -1 41	82 -0.97 8	90 -0.50 7	98 0.20 7
VOVA240168	15	VOVA190235 VYF 160043	92 46	93 52	102 48	94 26	108 39	93 39	81 22	85 36	80 8	95 0.72 48	92 0.28 41	103 11 26	93 8.3 52	102 -0.7 48	92 23 42		87 9.2 47	83 11 34	67 -3 6	89 4.9 42	112 -17.1 43	115 -7.0 27	95 11.5 48	85 -7 42	86 0 40	84 -0.69 9	95 -0.18 8	103 0.46 8

Breeding Values and Accuracies: Cows

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

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																													
VOVA240179	1	WO 160019 VOVA210117	101 62	104 59	96 51	97 36	98 40	97 46	95 28	91 42	96 12	103 0.05	92 0.26	101 8	104 14.4	96 -2.6	99 39	18.0 52	93 47	75 -11 5	96 8.8	92 -1.0	94 -2.9	109 20.4	99 1	102 15	95 0.35	105 0.37	108 0.74
VOVA240182		SB 180519 VOVA190090	113 49	102 48	85 43	95 36	102 37	97 39	83 25	89 36	87 16	110 -0.48	104 -0.23	104 12	102 13.5	85 -5.5	87 12	18.5 34	88 29		87 3.9	102 -8.9	98 -3.6	107 18.9	85 -7	89 3	87 -0.45	100 0.09	83 -0.65
VOVA240200	1	WO 160019 VOVA210108	105 55	105 59	102 52	97 36	101 42	105 45	99 26	100 41	104 11	108 -0.31	89 0.38	100 8	105 15.1	102 -1.0	105 54	20.6 52	102 80	88 -26	99 10.6	99 -6.8	94 -2.9	111 21.4	111 8	113 26	103 1.19	105 0.41	104 0.52
VOVA240203		WO 160019 VOVA200052	109 56	103 59	95 50	109 38	99 41	108 45	91 24	101 41	95 12	111 -0.56	92 0.26	92 -2	103 14.0	95 -2.7	101 45	19.5 52	93 48	80 -17	106 14.8	101 -8.4	93 -2.6	105 18.2	91 -4	94 7	97 0.56	101 0.18	106 0.66
VOVA240207		VOVA200225 VOVA180199	85 32	103 44	121 40	94 25	112 33	111 32	93 20	105 30	104 10	82 1.82	114 -0.61	103 10	103 14.1	121 4.5	118 85	100 19.2	108 101	111 -51	103 12.8	119 -22.0	108 -5.7	103 16.9	109 7	108 21	104 1.25	97 -0.04	103 0.47
VOVA240209		VOVA200225 VOVA190234	90 38	108 46	92 43	97 24	115 36	105 35	91 20	98 32	99 10	88 1.33	108 -0.38	101 8	108 16.5	92 -3.8	99 40	22.3 40	101 75	97 -35	84 2.2	116 -20.1	116 -7.2	106 18.7	99 1	103 16	101 0.94	98 -0.01	104 0.50
VOVA240210	3	VOVA220077 VOVA200257	97 43	96 48	92 43	99 32	98 38	87 38	91 24	82 35	86 14	98 0.48	97 0.05	100 7	96 10.0	92 -3.6	88 14	95 15.3	89 31	77 -14 6	86 3.0	95 -3.9	98 -3.8	102 16.2	99 1	93 7	90 -0.17	91 -0.40	103 0.47
VOVA240215	1	VOVA200225 VYF 150201	93 44	101 50	95 49	97 31	97 39	89 40	94 22	84 36	96 12	89 1.28	115 -0.65	101 8	101 12.6	95 -2.8	95 29	100 19.3	98 65	89 -27	102 12.5	100 -7.3	89 -1.9	106 18.6	88 -6	91 4	101 0.96	90 -0.45	100 0.28
VOVA240217	1	WO 160019 VOVA210032	106 56	110 57	94 51	95 37	91 41	96 45	96 26	91 41	100 12	106 -0.13	97 0.06	104 11	110 18.0	94 -3.2	102 47	106 23.7	97 62	86 -24	101 11.4	86 3.7	85 -1.1	107 19.3	100 2	102 15	99 0.75	106 0.43	107 0.69
VOVA240224		BOS 155687 VYF 160005	102 55	103 60	92 56	95 31	101 46	95 46	98 30	90 43	96 14	101 0.24	100 -0.07	103 11	103 13.9	92 -3.6	94 28	104 22.5	97 63	83 -21	97 9.6	113 -17.9	90 -2.1	101 15.5	95 -1	102 15	98 0.70	98 -0.03	107 0.68
VOVA240225	1	WO 160019 VOVA220058	105 54	107 57	95 51	100 36	100 41	104 44	99 26	99 40	107 11	105 -0.07	99 -0.02	98 5	107 16.1	95 -2.9	102 47	103 21.4	104 87	91 -30	99 10.8	99 -6.5	95 -3.1	108 19.6	108 6	111 24	107 1.51	104 0.32	104 0.52
VOVA240229	1	WO 160019 VOVA220005	109 54	105 57	98 51	98 38	95 41	101 45	97 27	96 41	104 12	110 -0.48	94 0.20	100 7	105 15.0	98 -1.9	102 48	101 20.1	102 81	93 -31	100 10.9	96 -4.5	86 -1.2	107 19.0	106 5	108 21	104 1.24	103 0.29	100 0.32

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																													
VOVA240236		WO 160019	100	104	89	97	89	85	91	80	95	105	84	102	104	89	92	98	95	83	89	86	85	104	93	96	94	119	94
97527980		VOVA210130	54	58	50	38	41	45	30	42	17	-0.07	0.56	9	14.3	-4.6	23	17.3	54	-21	4.8	3.3	-1.1	17.0	-3	9	0.24	1.22	-0.02
240236												56	49	38	58	50	49	52	39	17	46	49	25	49	45	44	18	16	15
VOVA240251	1	WO 160019	113	105	96	95	91	96	89	90	97	114	93	103	105	96	99	102	91	75	95	83	89	106	90	98	97	108	102
97593958		VOVA200158	53	59	52	37	42	45	24	41	16	-0.80	0.23	11	14.9	-2.5	39	20.3	39	-12	8.0	5.7	-1.9	18.7	-5	12	0.52	0.59	0.42
240251												54	48	37	59	52	49	52	40	5	45	49	28	50	45	43	16	15	14
VOVA240273	3	VOVA220077	93	99	97	99	99	91	95	86	89	96	93	99	99	97	95	98	92	76	89	95	103	101	104	98	93	92	108
97569180		VOVA210053	52	47	41	30	38	39	24	36	14	0.67	0.23	6	11.5	-2.1	31	17.4	45	-13	4.7	-3.7	-4.7	15.1	4	11	0.16	-0.37	0.76
240273												55	41	30	47	41	39	44	38	6	44	42	30	43	44	43	15	13	13
VOVA240275	3	BOS 188495	98	104	95	108	114	113	100	107	105	95	107	93	104	95	102	104	112	109	105	112	111	110	106	113	106	102	100
6020830276		VOVA220012	42	57	50	31	41	41	27	38	15	0.74	-0.34	-1	14.4	-2.7	47	22.2	115	-49	14.0	-17.1	-6.3	20.8	5	25	1.41	0.23	0.27
240275												43	39	31	57	50	46	52	41	9	46	47	28	48	47	45	16	14	14
VOVA240300	7	BOS 133097	109	105	89	103	108	108	97	102	101	104	112	96	105	89	96	104	108	111	107	110	106	104	99	108	105	95	92
99539405		VOVA220012	55	58	57	43	52	49	36	46	32	0.04	-0.54	3	15.2	-4.6	33	22.1	103	-51	14.9	-15.5	-5.3	17.4	1	21	1.36	-0.21	-0.15
240300												56	51	43	58	57	53	53	49	21	52	55	44	56	53	52	33	31	30
VOVA240334	1	WO 160019	108	103	98	97	96	98	96	93	98	109	92	101	103	98	99	102	98	87	102	97	88	106	93	96	100	100	97
97569230		VOVA190257	51	57	49	33	38	43	22	39	10	-0.44	0.27	9	13.9	-2.1	40	20.2	65	-25	12.3	-5.1	-1.7	18.8	-3	10	0.82	0.11	0.12
240334												52	46	33	57	49	46	50	36	5	42	46	21	47	42	40	10	9	8
VOVA240358	1	WO 160019	105	103	88	104	97	96	91	90	94	108	89	95	103	88	93	98	94	85	90	98	89	106	88	90	93	118	97
97569248		VOVA200146	55	59	53	38	42	46	32	43	17	-0.31	0.39	2	13.9	-4.9	26	17.8	49	-23	5.5	-6.3	-1.8	18.7	-5	3	0.21	1.15	0.15
240358												57	50	38	59	53	50	53	40	17	48	49	27	49	48	46	18	16	16
VOVA240366		JAN 181818	104	102	94	98	103	100			93	102	105	100	102	94	96	101	95	95	97	102	108	98	103	101	93	89	85
99555740		VOVA190154	43	39	31	21	27	30			10	0.20	-0.25	7	13.4	-3.0	32	19.9	55	-33	9.5	-9.3	-5.7	13.6	3	14	0.19	-0.53	-0.57
240366												45	37	21	39	31	30	28	17	5	18	27	17	38	19	18	11	10	9
VOVA240368			107	90	91	118	84	86			76	107	97	85	90	91	85	88	79	77	94	97	89	81	94	87	73	91	98
98312564		VOVA210019	30	35	31	22	29	27			10	-0.22	0.06	-10	6.1	-4.0	7	9.7	-5	-14	7.5	-5.2	-1.8	3.3	-2	1	-1.84	-0.41	0.16
240368												31	28	22	35	31	29	33	25	6	27	32	23	31	27	26	10	10	9
VOVA240369	1	JAN 181818	97	108	88	100	113	106	100	101	97	94	107	99	108	88	98	107	100	90	95	102	118	110	92	97	100	96	109
99557399		VYF 150140	53	54	50	30	38	42	20	38	12	0.79	-0.33	5	16.7	-4.7	37	24.6	71	-28	8.0	-9.3	-7.6	21.2	-3	10	0.84	-0.13	0.82
240369												55	45	30	54	50	45	42	30	8	34	42	26	46	34	32	13	12	12
VOVA240370	4	VOVA200225	91	110	89	94	110	100	95	95	99	86	121	104	110	89	99	107	99	93	97	110	105	110	102	102	100	98	106
6020603202		VOVA210005	41	45	42	29	38	36	22	33	12	1.48	-0.87	12	18.1	-4.4	39	24.2	70	-31	9.1	-15.6	-5.0	20.8	3	16	0.87	-0.03	0.66
240370												42	38	29	45	42	39	38	37	5	40	42	27	44	40	39	13	12	12
VOVA240371	2	VOVA220069	105	101	73	102	96	84	82	77	76	106	94	97	101	73	78	97	78	64	82	99	96	98	91	84	78	92	103
97569255		VYF 150173	46	50	48	29	38	39	24	36	12	-0.18	0.17	4	12.9	-9.1	-10	16.4	-9	0	0.6	-7.0	-3.2	13.4	-4	-2	-1.31	-0.36	0.49
240371												48	40	29	50	48	42	43	37	8	42	41	26	46	42	41	12	11	11

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																															
VOVA240372		BOS 199285		84	103	108	113	118	118	88	110	89	81	113	89	103	108	114		104	92	86	83	100	129	111	91	96	92	100	98
98312572		VYF 160026		56	58	51	29	40	44	20	39	10	1.91	-0.55	-6	14.0	0.8	76		22.4	44	-24	1.4	-7.2	-9.8	21.9	-4	10	0.03	0.09	0.18
240372													58	47	29	58	51	46		52	30	7	36	45	28	48	35	34	11	10	10
VOVA240376		WO 140253		87	113	95	79	97	86	107	84	109	86	108	124	113	95	98		112	111	110	114	99	95	101	122	116	108	91	79
97569289		VOVA190107		45	46	44	40	39	39	24	36	12	1.50	-0.36	35	19.7	-2.7	38		28.3	112	-50	18.9	-7.0	-3.1	15.6	14	28	1.65	-0.41	-0.90
240376													46	43	40	46	44	43		42	29	17	31	41	29	47	31	31	13	11	11
VOVA240377		BOS 188154		87	110	91	99	105	99	87	92	102	84	123	100	110	91	102		105	101	100	104	93	113	106	100	107	108	98	109
97569297		VOVA190247		57	60	55	34	43	46	30	43	12	1.69	-0.98	7	18.1	-4.0	46		22.6	74	-39	13.6	-2.4	-6.6	18.5	1	20	1.64	0.02	0.82
240377													58	52	34	60	55	50		56	53	6	56	49	32	49	56	56	12	11	10
VOVA240380	7	BOS 133097		109	105	89	103	108	108	97	102	101	104	112	96	105	89	96		104	108	111	107	110	106	104	99	108	105	95	92
99539439		VOVA220012		55	58	57	43	52	49	36	46	32	0.04	-0.54	3	15.2	-4.6	33		22.1	103	-51	14.9	-15.5	-5.3	17.4	1	21	1.36	-0.21	-0.15
240380													56	51	43	58	57	53		53	49	21	52	55	44	56	53	52	33	31	30
VOVA240381		VOVA220069		113	88	79	101	92	77	75	69	67	114	92	98	88	79	69		83	70		77	91	89	104	89	77	65	84	73
97569305		VOVA190220		33	36	34	19	27	28	22	27	8	-0.80	0.26	5	5.2	-7.3	-32		5.7	-38		-1.9	-0.2	-1.8	17.1	-5	-8	-2.58	-0.83	-1.21
240381													34	28	19	36	34	30		30	36		41	27	17	36	42	40	9	8	8
VOVA240387		WO 160019		105	105	87	101	99	97	95	92	98	106	94	98	105	87	94		102	97	83	94	96	95	107	89	97	99	103	105
97569321		VOVA220101		57	56	50	37	39	44	25	40	10	-0.16	0.18	4	15.2	-5.1	28		20.9	61	-21	7.7	-4.1	-3.1	19.4	-5	11	0.76	0.26	0.57
240387													59	50	37	56	50	48		50	41	5	47	46	24	48	46	45	10	9	9
VOVA240415	1	WO 160019		101	110	99	96	103	106	102	102	110	99	107	102	110	99	107		106	107	94	94	99	100	108	103	111	111	106	106
98535388		VOVA220078		53	56	51	36	41	44	25	40	12	0.43	-0.31	9	17.8	-1.7	59		23.8	96	-32	7.6	-6.8	-4.1	19.7	3	24	1.98	0.47	0.64
240415													54	48	36	56	51	48		49	41	5	47	47	26	50	47	45	13	11	11
VOVA240416	2	SB 180519		110	115	76	92	115	109	96	103	102	105	126	108	115	76	92		110	100	97	94	112	112	112	81	100	105	109	105
98356074		BOS 166198		57	61	56	43	47	49	33	46	23	-0.05	-1.07	17	21.1	-8.0	23		26.7	72	-36	7.7	-17.0	-6.4	22.1	-10	13	1.39	0.65	0.57
240416													58	52	43	61	56	53		46	51	12	54	55	35	52	54	53	24	22	22
VOVA240419	1	CMO 180075		84	112	83	94	109	94	97	89	95	80	117	105	112	83	94		104	95	83	92	117	102	105	83	96	101	90	107
98356082		VOVA200087		37	49	41	24	35	35	24	33	14	2.02	-0.73	13	18.8	-6.2	29		22.2	55	-20	6.4	-21.1	-4.4	17.9	-8	9	0.99	-0.49	0.68
240419													38	32	24	49	41	38		44	36	8	41	38	24	42	42	40	14	13	12
VOVA240445	1	SB 180519		110	107	64	99	106	93	91	87	90	106	109	100	107	64	76		102	94	89	80	116	93	109	76	86	90	120	104
98356116		VOVA200105		56	59	52	43	45	47	35	45	22	-0.17	-0.41	7	16.3	-11.5	-14		20.9	51	-27	-0.3	-19.7	-2.7	20.4	-13	0	-0.16	1.29	0.54
240445													57	52	43	59	52	51		47	49	18	53	53	31	50	53	52	23	21	20
VOVA240446		WO 160019		104	108	97	92	92	95	97	91	100	106	91	106	108	97	102		105	99	84	93	89	91	102	95	102	100	105	106
98356124		VOVA210149		51	57	48	34	39	43	25	39	12	-0.20	0.32	14	16.9	-2.2	47		22.7	67	-22	6.9	0.9	-2.3	16.1	-1	15	0.88	0.40	0.65
240446													53	46	34	57	48	46		51	40	6	47	47	23	47	46	45	12	11	10
VOVA240451		SB 180519		115	105	85	95	107	103	92	97	93	110	107	104	105	85	90		104	97	96	95	100	106	110	88	91	96	110	105
98356132		VYF 150075		57	59	55	40	44	47	30	44	17	-0.53	-0.35	12	15.2	-5.6	19		21.8	62	-35	8.2	-7.8	-5.3	21.1	-6	5	0.41	0.67	0.59
240451													59	52	40	59	55	51		48	49	7	53	51	28	52	53	52	18	16	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																													
VOVA240452		WO 160019 98356140 VOVA220083 240452	112 56	103 56	95 50	98 40	92 42	96 45	96 26	91 41	99 16	113 -0.76 58	91 0.31 50	100 7 40	103 14.1 56	95 -2.8 50	98 37 49	102 20.8 49	99 68 42	88 -26 7	98 10.1 46	88 1.8 47	87 -1.4 29	106 18.3 49	99 1 46	101 14 44	100 0.85 17	104 0.34 15	105 0.60 15
VOVA250048		BOS 188154 99519647 VYF 140095 250048	108 60	109 59	81 55	93 34	99 41	94 46	100 34	90 44	110 12	102 0.15 61	123 -0.96 55	106 14 34	109 17.3 59	81 -6.8 55	90 18 49	104 22.0 52	108 100 58	107 -47 7	113 18.8 62	88 1.8 43	106 -5.3 30	102 16.3 51	95 -1 62	105 18 61	115 2.33 12	96 -0.11 11	106 0.64 11
VOVA250129	8	VOVA220069 99519662 VOVA190234 250129	99 42	102 47	82 42	97 24	103 36	90 36	85 24	83 34	83 10	103 0.10 43	88 0.42 39	102 10 24	102 13.4 47	82 -6.4 42	85 7 38	96 15.6 42	84 15 39	75 -12 5	80 0.0 45	101 -8.6 40	105 -5.0 23	102 16.2 44	99 1 46	94 7 44	81 -0.99 10	97 -0.04 9	101 0.38 9
VOVA250130	1	VOVA220069 99519670 VOVA210024 250130	102 45	103 47	78 43	94 30	98 34	84 37	91 26	79 35	86 10	102 0.20 46	100 -0.05 40	105 13 30	103 14.1 47	78 -7.5 43	82 0 40	98 17.2 40	87 25 42	77 -15 5	101 11.5 47	95 -3.5 37	92 -2.4 23	108 20.1 43	99 1 48	91 5 46	83 -0.81 11	102 0.22 10	105 0.59 9
VOVA250135		WO 160019 99520926 VOVA220041 250135	105 51	108 53	102 47	96 32	92 36	100 41	100 22	96 37	103 9	108 -0.36 53	87 0.45 46	102 10 32	108 16.5 53	102 -0.7 47	107 60 44	105 23.0 46	104 88 36		103 13.0 42	88 1.7 41	87 -1.4 21	107 19.3 46	105 4 41	105 18 40	104 1.20 10	102 0.20 8	100 0.31 8
VOVA250145	5	VOVA220069 99519704 VOVA190181 250145	110 42	91 47	90 41	102 24	104 34	93 35	79 22	85 32	74 10	111 -0.59 43	94 0.20 40	97 4 24	91 6.9 47	90 -4.3 41	81 -2 37	84 6.5 38	75 -19 36	61 3	84 2.2 41	107 -13.3 38	100 -4.1 23	103 16.9 42	93 -3 41	87 1 40	74 -1.71 10	94 -0.26 10	92 -0.17 9
VOVA250146	3	BOS 199285 99519712 VOVA200202 250146	78 52	110 56	107 47	105 31	130 39	125 42	100 20	119 38	102 18	77 2.25 54	128 -1.17 45	94 0 31	110 17.9 56	107 0.6 47	118 86 45	110 27.1 50	101 77 29	89 -27 9	85 2.4 32	115 -19.1 41	136 -11.2 30	118 26.1 45	86 -7 33	106 19 31	103 1.16 18	110 0.68 17	109 0.83 16
VOVA250168	2	BOS 199285 99519720 VOVA220535 250168	90 52	99 52	91 43	120 27	115 35	110 39			85 12	87 1.42 55	125 -1.06 42	82 -13 27	99 11.3 52	91 -3.9 43	97 36 41	98 17.6 46	92 41 25	84 -22 7	89 4.7 28	104 -10.3 36	113 -6.7 26	118 25.8 43	79 -10 28	90 4 27	89 -0.18 12	99 0.07 11	99 0.22 11
VOVA250191	4	BOS 199285 99539306 VOVA200216 250191	82 53	107 55	104 50	104 31	113 40	109 43	89 22	102 39	93 14	78 2.18 55	117 -0.74 46	95 1 31	107 16.0 55	104 -0.4 50	111 69 45	107 24.1 50	94 50 33	89 -27 8	85 2.8 35	94 -2.5 42	119 -7.8 30	116 24.6 47	88 -5 35	96 9 34	93 0.15 15	102 0.21 14	104 0.55 13
VOVA250204	2	VOVA220069 6020603236 VOVA200104 250204	102 42	102 47	81 42	101 29	91 37	83 37	87 24	77 34	82 12	103 0.09 43	97 0.08 39	98 5 29	102 13.0 47	81 -6.7 42	85 7 39	96 15.8 42	83 11 36	73 -9 8	85 2.6 41	94 -2.6 40	89 -1.9 27	97 13.1 43	99 1 41	92 6 40	80 -1.14 13	95 -0.19 12	99 0.25 12
VOVA250205	4	BOS 199285 99539629 VOVA200216 250205	82 53	107 55	104 50	104 31	113 40	109 43	89 22	102 39	93 14	78 2.18 55	117 -0.74 46	95 1 31	107 16.0 55	104 -0.4 50	111 69 45	107 24.1 50	94 50 33	89 -27 8	85 2.8 35	94 -2.5 42	119 -7.8 30	116 24.6 47	88 -5 35	96 9 34	93 0.15 15	102 0.21 14	104 0.55 13
VOVA250210	2	VOVA220069 99519738 VOVA210265 250210	102 43	106 48	78 43	94 27	100 37	88 37	94 26	83 35	89 14	103 0.12 44	97 0.07 38	105 13 27	106 15.8 48	78 -7.7 43	85 6 39	100 19.0 42	90 35 42	76 -13 7	93 7.1 46	106 -12.3 41	90 -2.1 26	105 18.1 43	106 5 47	101 15 45	88 -0.31 14	92 -0.39 13	100 0.29 13

Breeding Values and Accuracies: Cows

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Orange: <80 Low

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																													
VOVA250273	2	VOVA220069	96	98	78	94	90	71	81	65	78	97	98	106	98	78	76	91	81	66	95	95	83	101	96	87	78	94	104
99519753		VYF 160066	45	48	44	25	35	37	24	34	10	0.57	0.02	13	10.9	-7.5	-14	12.0	1	-2	8.3	-3.7	-0.6	15.4	-1	1	-1.33	-0.22	0.51
250273												47	38	25	48	44	39	40	38	5	45	39	24	43	46	44	11	10	10
VOVA250277	8	VOVA220069	104	98	84	99	103	91	91	85	83	107	90	100	98	84	83	93	85	70	78	110	97	102	99	94	83	93	106
99519761		VYF 160001	47	49	46	27	38	39	24	36	10	-0.22	0.35	7	10.9	-5.8	2	13.4	18	-6	-1.5	-15.1	-3.5	16.1	1	7	-0.77	-0.28	0.62
250277												49	42	27	49	46	41	42	40	5	46	42	26	45	46	44	11	10	10
VOVA250279	1	VOVA200225	85	107	104	90	106	99	92	93	99	85	105	108	107	104	106	104	99	93	85	109	103	105	102	103	100	98	98
99519779		VOVA160022	43	49	48	31	39	39	20	35	12	1.61	-0.25	16	16.3	-0.3	55	22.1	69	-31	2.7	-14.6	-4.7	17.6	2	16	0.84	-0.01	0.17
250279												44	40	31	49	48	43	42	32	5	35	43	28	46	35	34	12	11	11
VOVA250281	14	VOVA220069	96	103	83	93	91	79	85	73	82	97	97	106	103	83	86	95	82	71	83	85	89	106	99	91	79	97	103
6020603210		VOVA200216	44	47	45	27	37	37	26	35	14	0.54	0.07	14	13.9	-6.1	8	15.5	5	-8	1.6	4.5	-1.9	18.4	1	5	-1.19	-0.08	0.47
250281												45	41	27	47	45	40	40	42	6	47	40	26	44	47	46	14	13	12
VOVA250283		WO 160019	99	103	125	94	99	111	94	104	104	102	90	102	103	125	122	100	106	105	107	101	96	101	107	107	103	105	104
99520959		VOVA180199	49	56	48	35	38	42	24	38	10	0.21	0.32	10	14.0	5.7	93	18.7	93	-44	15.1	-8.4	-3.3	15.7	5	20	1.14	0.43	0.50
250283												51	44	35	56	48	46	48	38	5	45	46	21	46	44	43	10	9	9
VOVA250284	6	VOVA220069	101	100	88	97	102	91	91	86	87	103	92	102	100	88	88	94	88	74	91	102	95	109	112	104	85	97	101
99519787		VOVA210108	44	49	44	26	37	37	26	35	12	0.06	0.25	9	12.1	-4.8	13	14.4	28	-10	6.2	-8.9	-3.1	20.1	9	17	-0.63	-0.09	0.37
250284												45	40	26	49	44	40	43	42	6	47	42	27	43	48	46	12	11	11
VOVA250292	1	VOVA200225	96	103	91	109	112	108	90	101	94	91	116	93	103	91	98	101	95	87	102	119	105	107	93	94	98	93	106
99519795		VOVA200052	41	47	42	29	36	36	20	33	12	1.05	-0.67	-1	14.1	-3.9	37	20.0	55	-25	12.5	-22.1	-5.0	19.4	-3	8	0.67	-0.29	0.63
250292												42	38	29	47	42	39	41	30	7	36	40	26	43	37	35	13	12	11
VOVA250295	1	WO 160019	105	107	95	100	100	104	99	99	107	105	99	98	107	95	102	103	104	91	99	99	95	108	108	111	107	104	104
6020601453		VOVA220058	54	57	51	36	41	44	26	40	11	-0.07	-0.02	5	16.1	-2.9	47	21.4	87	-30	10.8	-6.5	-3.1	19.6	6	24	1.51	0.32	0.52
250295												56	49	36	57	51	48	50	44	5	50	48	26	50	50	48	12	10	10
VOVA250312	1	VOVA220069	97	101	82	95	101	84	89	79	83	102	87	105	101	82	82	94	84	67	95	102	97	103	96	89	82	97	100
99519845		VOVA190160	42	48	43	27	36	37	24	34	12	0.20	0.45	12	12.4	-6.4	1	14.5	16	-3	8.0	-9.4	-3.5	16.9	-1	3	-0.94	-0.05	0.32
250312												43	38	27	48	43	39	42	38	6	42	39	26	42	43	42	12	11	11
VOVA250320		VOVA200225	89	106	89	98	107	95	94	90	98	87	109	101	106	89	95	103	102	98	92	107	102	109	100	98	101	99	96
99537573		VOVA190099	37	46	42	26	35	35	20	32	12	1.44	-0.41	8	15.5	-4.5	30	21.2	78	-37	6.8	-13.1	-4.4	20.4	2	11	0.95	0.06	0.08
250320												38	35	26	46	42	38	38	32	5	36	40	24	42	37	36	12	11	10
VOVA250330	8	VOVA220069	106	96	86	96	100	88	84	81	79	108	90	103	96	86	82	91	80	66	84	103	97	103	96	88	78	98	103
6020601305		VYF 160005	46	50	47	26	37	38	26	36	10	-0.33	0.34	10	10.0	-5.4	-1	12.4	1	-2	2.2	-9.7	-3.4	16.8	-1	2	-1.35	-0.04	0.45
250330												48	41	26	50	47	41	44	42	6	48	42	25	45	49	47	11	10	10
VOVA250331		VOVA200225	81	109	96	89	101	88	97	84	99	77	120	110	109	96	99	105	99	88	88	98	99	105	95	101	103	96	102
99519886		VOVA210194	37	46	42	27	34	35	20	32	12	2.26	-0.84	19	17.1	-2.6	41	22.9	69	-26	4.4	-6.0	-3.9	18.0	-2	14	1.11	-0.12	0.41
250331												38	35	27	46	42	38	36	30	6	35	36	24	42	35	34	13	12	11

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																													
VOVA250332	1	VOVA220069	89	110	82	87	97	81	97	78	94	88	105	114	110	82	89	102	93	75	100	93	98	103	111	104	93	101	102
99539587		VOVA190104	44	48	45	32	36	38	26	36	12	1.30	-0.26	24	18.1	-6.5	16	20.4	46	-12	11.1	-2.1	-3.6	16.8	7	17	0.19	0.16	0.44
250332												45	41	32	48	45	42	42	38	10	42	37	26	44	43	42	12	11	10
VOVA250339		VOVA200225	96	97	101	100	99	94			91	93	110	98	97	101	97	96	94		88	105	100	95	101	97	93	86	78
99519894		VOVA190154	30	33	30	20	28	26			9	0.93	-0.44	5	10.7	-1.2	35	15.6	49		4.4	-11.5	-4.1	11.9	2	11	0.14	-0.73	-0.95
250339												30	29	20	33	30	28	26	24		26	28	18	37	26	25	9	9	8
VOVA250358		WO 160019	99	107	100	94	102	101	92	95	99	102	89	104	107	100	104	103	96		90	95	103	106	99	103	100	106	107
99520983		VOVA230110	56	57	50	35	40	44	24	40	10	0.14	0.39	12	16.0	-1.3	51	21.0	59		5.2	-3.9	-4.6	18.3	1	17	0.87	0.48	0.67
250358												58	49	35	57	50	47	51	41		47	48	24	49	46	45	10	9	9
VOVA250363	1	WO 160019	110	106	93	103	95	101	97	96	103	112	88	96	106	93	100	104	102	90	109	93	87	109	112	113	104	99	99
99569071		VOVA210003	55	60	54	38	41	46	26	42	12	-0.69	0.41	3	15.4	-3.5	42	21.9	80	-28	16.4	-2.0	-1.5	20.4	8	26	1.25	0.06	0.23
250363												57	50	38	60	54	51	53	44	5	50	47	27	50	50	48	13	12	11
VOVA250369	3	BOS 188154	81	113	81	93	99	85	86	78	100	80	130	106	113	81	94	106	97	98	102	85	99	113	94	100	104	100	108
99567810		VOVA200216	57	59	58	35	43	47	32	44	14	2.00	-1.25	14	19.9	-6.8	28	24.1	61	-37	12.5	4.4	-4.0	22.8	-2	14	1.25	0.08	0.74
250369												58	54	35	59	58	51	54	54	7	56	47	33	49	56	55	14	13	13
VOVA250372	5	BOS 188154	76	117	84	93	116	100	97	95	109	79	141	106	117	84	101	110	104	98	102	106	116	115	91	111	114	108	113
99566820		VOVA200202	56	60	55	35	42	46	31	43	17	2.07	-1.69	14	21.8	-5.8	44	27.1	88	-37	12.1	-12.2	-7.4	24.3	-4	23	2.27	0.56	1.03
250372												57	52	35	60	55	50	54	52	8	54	47	32	47	55	54	18	16	16
VOVA250377	3	BOS 188154	83	115	77	94	99	86	90	80	101	84	134	106	115	77	94	109	98	98	112	89	96	112	97	102	105	100	109
99566721		VOVA210032	57	58	55	35	43	46	32	43	14	1.70	-1.39	14	21.0	-7.8	27	26.0	66	-37	17.9	1.5	-3.3	22.4	-1	15	1.37	0.09	0.81
250377												58	53	35	58	55	49	53	55	7	57	49	32	49	57	56	14	13	12
VOVA250383		WO 160019	101	104	101	96	100	100	90	94	96	105	88	102	104	101	102	100	94		88	93	101	106	96	100	98	106	106
99537417		VOVA230025	54	58	50	35	40	44	24	40	10	-0.04	0.41	10	14.2	-1.1	47	18.7	49		4.4	-2.1	-4.3	18.6	-1	13	0.61	0.46	0.62
250383												55	49	35	58	50	48	51	41		47	48	24	49	46	45	10	9	9
VOVA250386	4	VOVA200225	91	110	89	94	104	96	95	91	99	86	121	104	110	89	99	107	99	93	97	103	97	109	102	102	100	98	106
99568354		VOVA210032	41	45	43	29	37	36	22	33	12	1.48	-0.87	12	18.1	-4.4	39	24.2	70	-31	9.1	-10.0	-3.5	20.6	3	16	0.87	-0.03	0.66
250386												42	38	29	45	43	39	38	37	5	40	42	26	44	40	39	13	12	12
VOVA250388	3	BOS 188154	83	115	77	94	99	86	90	80	101	84	134	106	115	77	94	109	98	98	112	89	96	112	97	102	105	100	109
99566705		VOVA210032	57	58	55	35	43	46	32	43	14	1.70	-1.39	14	21.0	-7.8	27	26.0	66	-37	17.9	1.5	-3.3	22.4	-1	15	1.37	0.09	0.81
250388												58	53	35	58	55	49	53	55	7	57	49	32	49	57	56	14	13	12
VOVA250409	5	BOS 188154	76	117	84	93	116	100	97	95	109	79	141	106	117	84	101	110	104	98	102	106	116	115	91	111	114	108	113
99566770		VOVA200202	56	60	55	35	42	46	31	43	17	2.07	-1.69	14	21.8	-5.8	44	27.1	88	-37	12.1	-12.2	-7.4	24.3	-4	23	2.27	0.56	1.03
250409												57	52	35	60	55	50	54	52	8	54	47	32	47	55	54	18	16	16
VOVA250410	3	BOS 188154	83	115	77	94	99	86	90	80	101	84	134	106	115	77	94	109	98	98	112	89	96	112	97	102	105	100	109
99566713		VOVA210032	57	58	55	35	43	46	32	43	14	1.70	-1.39	14	21.0	-7.8	27	26.0	66	-37	17.9	1.5	-3.3	22.4	-1	15	1.37	0.09	0.81
250410												58	53	35	58	55	49	53	55	7	57	49	32	49	57	56	14	13	12

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Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																	
Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass					
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling		
ID Number Name																															
VOVA250412	4	VOVA200225	91	110	89	94	110	100	95	95	99	86	121	104	110	89	99	107	99	93	97	110	105	110	102	102	100	98	106		
99537474		VOVA210005	41	45	42	29	38	36	22	33	12	1.48	-0.87	12	18.1	-4.4	39	24.2	70	-31	9.1	-15.6	-5.0	20.8	3	16	0.87	-0.03	0.66		
250412												42	38	29	45	42	39	38	37	5	40	42	27	44	40	39	13	12	12		
VOVA250416	3	BOS 188154	81	113	81	93	99	85	86	78	100	80	130	106	113	81	94	106	97	98	102	85	99	113	94	100	104	100	108		
99566663		VOVA200216	57	59	58	35	43	47	32	44	14	2.00	-1.25	14	19.9	-6.8	28	24.1	61	-37	12.5	4.4	-4.0	22.8	-2	14	1.25	0.08	0.74		
250416												58	54	35	59	58	51	54	54	7	56	47	33	49	56	55	14	13	13		
VOVA250454	8	VOVA220069	97	98	96	95	99	89	89	83	84	101	88	103	98	96	91	94	86	71	95	98	97	104	102	95	87	91	101		
99537490		VOVA170003	47	49	45	26	37	38	26	36	10	0.26	0.42	11	10.9	-2.5	22	14.4	23	-7	8.5	-5.9	-3.4	17.3	3	9	-0.44	-0.39	0.36		
250454												48	42	26	49	45	40	43	42	5	48	41	26	45	49	47	10	9	9		
VOVA250457		WO 160019	99	112	91	91	96	94	104	91	110	100	95	108	112	91	99	108	108	100	111	86	94	109	106	109	107	115	111		
99537508		VOVA230037	57	58	51	38	40	45	26	41	10	0.33	0.13	16	18.9	-4.1	41	25.2	102	-39	17.2	3.4	-3.0	20.2	5	22	1.58	0.97	0.95		
250457												59	51	38	58	51	49	50	42	5	47	48	25	48	47	45	11	10	10		
VOVA250458	1	VOVA220069	102	95	86	97	85	74	88	69	80	104	95	102	95	86	81	92	82	67	99	85	78	102	87	81	81	90	97		
99537516		VYF 150201	49	51	48	31	39	41	26	38	12	0.04	0.14	10	9.5	-5.4	-3	12.6	5	-3	10.3	4.2	0.3	16.1	-6	-4	-0.98	-0.48	0.15		
250458												50	44	31	51	48	43	44	40	8	47	43	27	46	48	46	13	11	11		
VOVA250466	1	VOVA220069	102	97	70	105	95	79	89	74	78	104	93	96	97	71	72	90	83	68	77	104	85	103	91	85	76	106	97		
6020603194		VOVA200105	44	48	41	30	37	37	31	36	18	0.03	0.20	2	10.5	-9.7	-24	11.5	11	-4	-1.9	-10.7	-1.0	16.9	-4	-1	-1.50	0.43	0.12		
250466												45	39	30	48	41	40	44	39	18	45	41	27	43	45	44	19	17	16		
VOVA250481	3	BOS 188154	81	113	81	93	99	85	86	78	100	80	130	106	113	81	94	106	97	98	102	85	99	113	94	100	104	100	108		
99566671		VOVA200216	57	59	58	35	43	47	32	44	14	2.00	-1.25	14	19.9	-6.8	28	24.1	61	-37	12.5	4.4	-4.0	22.8	-2	14	1.25	0.08	0.74		
250481												58	54	35	59	58	51	54	54	7	56	47	33	49	56	55	14	13	13		
VOVA250496	3	S 177023	87	111	86	90	101	89	101	85	105	86	106	109	111	86	95	108	110	106	111	98	96	109	112	115	103	88	106		
99568321		VOVA220012	52	57	53	28	44	44	20	39	12	1.48	-0.30	18	18.6	-5.4	30	25.5	109	-46	17.2	-6.2	-3.3	20.4	9	28	1.17	-0.59	0.63		
250496												54	44	28	57	53	46	49	33	6	36	51	30	51	37	35	12	11	11		
VOVA250507	2	VOVA220069	105	101	73	102	96	84	82	77	76	106	94	97	101	73	78	97	78	64	82	99	96	98	91	84	78	92	103		
99537532		VYF 150173	46	50	48	29	38	39	24	36	12	-0.18	0.17	4	12.9	-9.1	-10	16.4	-9	0	0.6	-7.0	-3.2	13.4	-4	-2	-1.31	-0.36	0.49		
250507												48	40	29	50	48	42	43	37	8	42	41	26	46	42	41	12	11	11		
VOVA250527	3	S 177023	87	111	86	90	101	89	101	85	105	86	106	109	111	86	95	108	110	106	111	98	96	109	112	115	103	88	106		
99568339		VOVA220012	52	57	53	28	44	44	20	39	12	1.48	-0.30	18	18.6	-5.4	30	25.5	109	-46	17.2	-6.2	-3.3	20.4	9	28	1.17	-0.59	0.63		
250527												54	44	28	57	53	46	49	33	6	36	51	30	51	37	35	12	11	11		
VOVA250537		VOVA200225	87	110	107	94	109	107	104	103	107	84	112	104	110	107	112	105	108	97	94	105	109	108	111	110	109	99	109		
6020601446		VOVA190152	39	47	44	23	35	35	20	32	10	1.66	-0.53	11	17.7	0.5	71	23.1	100	-36	7.7	-11.6	-5.8	19.6	8	23	1.74	0.04	0.79		
250537												40	35	23	47	44	38	40	31	5	36	40	23	43	36	35	10	9	9		
VOVA250562		VOVA230015	101	95	91	100	102	90	84	83	85	98	110	98	95	91	86	91	87		97	94	96	113	98	94	87	85	80		
99569048		VOVA190134	32	32	32	17	24	26	22	25	6	0.54	-0.45	5	9.2	-4.0	9	12.0	24		9.2	-3.1	-3.4	22.9	0	7	-0.44	-0.74	-0.81		
250562												32	31	17	32	32	27	28	36		41	23	16	32	42	40	7	6	6		

Breeding Values and Accuracies: Cows

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

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID Dam ID	ID Number Name	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
VOVA250563	8	VOVA220069	99569055	103	95	83	98	101	85	82	78	77	104	94	101	95	83	79	89	78	65	83	99	100	104	97	88	79	96	99
250563		VOVA200257	44	49	44	28	37	38	25	35	10	-0.03	0.18	8	9.4	-6.3	-9	10.2	-6	-1	1.3	-6.8	-4.2	17.3	0	2	-1.25	-0.11	0.22	
														45	39	28	49	44	40	42	40	6	45	41	25	44	46	44	11	10
VOVA250564	3	VOVA230015	99569063	94	104	75	102	109	92	90	86	92	90	116	98	104	75	83	99	92	81	94	102	104	115	85	93	95	94	107
250564		VOVA220101	44	42	39	27	32	34	24	32	8	1.20	-0.69	4	14.4	-8.5	1	18.6	42	-18	7.8	-9.3	-4.8	24.1	-7	7	0.33	-0.23	0.68	
														45	39	27	42	39	36	40	41	5	45	35	23	39	46	44	9	8
VOVA250592	1	VOVA220069	99569089	93	111	86	86	99	87	102	84	94	94	98	115	111	86	92	104	93	76	93	101	98	101	104	102	93	93	105
250592		VOVA200087	39	47	40	25	35	35	27	33	14	0.84	0.03	24	18.4	-5.4	24	21.9	48	-13	6.9	-8.1	-3.6	15.4	4	16	0.16	-0.29	0.56	
														40	34	25	47	40	37	41	42	8	47	38	24	42	48	46	14	13
VOVA250596		VOVA220069	99569105	107	92	90	99	92	82	81	75	75	109	92	99	92	90	81	86	77		84	90	89	102	101	88	73	85	76
250596		VOVA190267	35	34	29	19	27	27	20	26	8	-0.42	0.27	6	7.2	-4.1	-2	8.4	-11		2.3	0.0	-1.9	16.0	2	2	-1.79	-0.77	-1.07	
														36	32	19	34	29	27	28	33		37	27	17	36	38	36	9	8
VOVA260016	1	UKJ 100182	6020829815	87	113	108	83	87	88	109	86	115	84	114	118	113	108	110	110	117	103	96	82	92	96	115	121	115	94	117
260016		FXF 10041F	62	62	62	53	54	54	27	49	20	1.68	-0.61	27	19.7	0.8	66	27.0	134	-42	8.9	6.7	-2.4	12.1	10	34	2.33	-0.23	1.26	
														62	60	53	62	62	59	58	45	5	52	56	45	60	53	51	21	18
VOVA260019	1	UKJ 100182	6020829823	87	113	108	83	87	88	109	86	115	84	114	118	113	108	110	110	117	103	96	82	92	96	115	121	115	94	117
260019		FXF 10041F	62	62	62	53	54	54	27	49	20	1.68	-0.61	27	19.7	0.8	66	27.0	134	-42	8.9	6.7	-2.4	12.1	10	34	2.33	-0.23	1.26	
														62	60	53	62	62	59	58	45	5	52	56	45	60	53	51	21	18
VOVA260051	1	UKJ 100182	6020829831	87	113	108	83	87	88	109	86	115	84	114	118	113	108	110	110	117	103	96	82	92	96	115	121	115	94	117
260051		FXF 10041F	62	62	62	53	54	54	27	49	20	1.68	-0.61	27	19.7	0.8	66	27.0	134	-42	8.9	6.7	-2.4	12.1	10	34	2.33	-0.23	1.26	
														62	60	53	62	62	59	58	45	5	52	56	45	60	53	51	21	18
VOVA260081	1	VOVA230014	6020801806	94	104	95	97	104	97	92	91	105	89	121	101	104	95	98	98	103	98	98	103	99	108	101	108	108	95	104
260081		VOVA220058	45	46	43	28	35	37	26	35	10	1.26	-0.90	8	14.7	-2.9	38	17.7	82	-37	10.0	-10.1	-3.9	19.8	2	21	1.66	-0.17	0.50	
														47	40	28	46	43	39	41	44	5	49	38	26	42	49	48	10	9
VOVA260085	1	VOVA230014	6020801798	94	104	96	100	103	98	94	93	105	90	124	98	104	96	99	99	104	96	96	107	99	103	95	106	108	104	115
260085		VOVA210027	46	46	43	30	36	37	24	34	10	1.19	-0.98	5	14.3	-2.7	41	18.0	86	-35	8.7	-13.2	-3.9	16.4	-1	19	1.68	0.36	1.12	
														47	41	30	46	43	40	41	39	5	44	40	26	42	44	43	11	10
VOVA260110	1	VOVA230014	6020801814	90	101	80	95	91	73	82	67	92	87	113	104	101	80	81	92	94	89	96	88	86	106	86	91	95	110	99
260110		VOVA200161	45	47	41	29	35	37	30	36	16	1.43	-0.59	11	12.6	-7.1	-3	12.7	50	-27	8.6	2.0	-1.2	18.2	-7	5	0.41	0.66	0.22	
														47	40	29	47	41	39	44	38	17	44	39	25	40	45	43	17	15
VOVA260122	2	VOVA230014	6020801822	90	106	97	91	95	88	85	81	96	86	116	107	106	97	99	99	94	93	90	87	93	108	91	97	99	97	105
260122		VOVA200216	46	47	46	28	35	38	26	36	12	1.50	-0.68	15	15.5	-2.2	40	18.0	52	-31	5.3	3.0	-2.6	19.9	-4	11	0.79	-0.06	0.60	
														47	42	28	47	46	40	42	43	6	47	38	26	42	48	46	12	11
VOVA260129	2	VOVA230015	6020802127	90	102	80	95	100	80	84	73	89	85	117	104	102	80	82	96	90		103	99	90	111	92	92	92	95	108
260129		VYF 160066	42	45	42	24	33	35	24	33	8	1.56	-0.71	12	13.1	-7.1	-1	15.9	34		12.8	-6.8	-2.1	21.4	-3	5	0.06	-0.20	0.77	
														44	37	24	45	42	37	39	38		45	37	22	40	46	44	9	8

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																													
VOVA260134 6020801848 260134		VOVA230014 VOVA190234	93 45	105 47	96 43	95 25	106 34	99 36	85 24	91 34	97 7	91 1.05 46	107 -0.33 40	103 11 25	105 15.0 47	96 -2.6 43	99 39 38	99 18.1 42	97 62 39	87 3.7 45	103 -10.1 38	108 -5.7 22	105 17.7 41	90 -4 46	99 13 44	101 0.98 7	98 -0.03 7	104 0.51 6	
VOVA260221 6020809080 260221	5	JAN 222030 VOVA200158	107 41	105 44	84 40	99 26	104 36	99 35			89 16	105 -0.08 42	103 -0.17 37	100 7 26	105 14.9 44	84 -5.9 40	90 19 37	104 21.9 37	88 28 26	71 -7 6	103 12.6 29	101 -8.4 40	107 -5.4 26	103 16.7 42	88 -5 29	94 8 28	90 -0.16 17	101 0.17 15	107 0.67 15
VOVA260224 6020801855 260224	1	VOVA230014 VOVA210108	95 46	103 49	102 44	95 27	105 36	100 38	91 26	94 36	102 10	92 1.02 47	111 -0.50 41	103 11 27	103 13.7 49	102 -1.0 44	101 45 40	97 16.9 44	101 74 42	95 -34 5	98 9.8 47	104 -10.4 40	99 -3.8 27	111 21.6 41	104 4 48	110 23 46	105 1.34 10	97 -0.08 9	104 0.50 9
VOVA260228 6020801871 260228		VOVA230014 VYF 140129	90 52	106 51	102 50	91 34	101 39	95 42	96 28	90 39	105 13	86 1.47 53	113 -0.58 47	107 15 34	106 15.7 51	102 -0.7 50	104 51 45	102 20.3 46	106 92 43	104 -43 8	108 15.4 47	99 -6.3 41	97 -3.5 31	107 19.1 45	102 2 48	107 20 46	107 1.54 14	103 0.28 12	108 0.74 12
VOVA260232 6020801889 260232		VOVA230015 VOVA160022	88 44	106 47	96 46	91 30	103 36	92 38	88 24	86 35	94 10	88 1.35 45	104 -0.19 42	108 16 30	106 15.4 47	96 -2.4 46	98 37 41	100 19.2 42	92 42 40	89 5.0 44	98 -6.2 40	100 -4.0 26	110 21.1 43	96 -1 44	99 12 43	94 0.30 11	98 -0.03 10	100 0.31 9	
VOVA260233 6020801897 260233		VOVA230014 VOVA190160	91 45	103 48	96 44	93 28	104 34	93 37	90 23	87 34	97 10	90 1.16 46	106 -0.30 40	106 14 28	103 14.1 48	96 -2.6 44	96 33 40	97 17.1 42	97 62 38	89 -27 5	101 11.7 43	104 -10.9 38	101 -4.2 25	106 18.4 40	88 -6 43	95 8 42	102 1.03 11	98 -0.04 10	103 0.45 9
VOVA260237 6020801905 260237	1	VOVA230015 VOVA200175	96 40	101 45	71 41	101 27	99 34	80 35	86 31	74 34	89 16	93 0.95 41	111 -0.48 38	99 6 27	101 12.5 45	71 -9.6 41	75 -17 38	94 14.4 42	91 41 40	86 -23 17	90 5.4 46	86 3.8 38	95 -3.1 23	116 24.7 40	90 -4 47	90 4 45	91 -0.08 17	111 0.72 15	98 0.17 15
VOVA260238 6020809098 260238	4	JAN 222030 VOVA210265	100 41	112 44	79 39	98 25	112 35	104 34	101 20	100 31	98 14	98 0.47 43	104 -0.20 36	101 8 25	112 18.8 44	79 -7.3 39	93 25 36	110 26.8 38	101 75 30	86 -24 8	109 16.1 32	121 -24.3 39	107 -5.4 24	104 17.3 41	103 3 32	106 19 32	100 0.83 14	93 -0.31 13	107 0.70 12

Selection List on Cow Value

Bulls 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
						nt821	Q204X	F94L	Genomic tested									
										★★★★★								
1	VOVA240136 240136	BOS 133097	VOVA220058	6.0						101 52	108 58	87 57	99 41	120 52	113 48	104 46	109 48	
2	VOVA240156 240156	BOS 133097	VOVA220012	6.9						109 55	105 58	89 57	103 43	112 53	111 49	92 46	104 48	
3	VOVA240160 240160	BOS 133097	VOVA220005	7.5						108 53	107 57	90 56	98 43	115 52	112 48	93 46	105 48	
										★★★★☆								
1	VOVA200225 20225	BOS 144062	BOS 077023	1.5						78 54	111 65	95 61	95 39	116 52	103 50	101 30	99 46	
2	VOVA230357 230357	CMO 180075	VYF 160026	0.2						91 56	100 63	85 49	113 23	110 38	100 43	77 22	91 39	
3	VOVA230435 230435	VOVA200066	VYF 130266	0.6						105 50	99 52	93 49	111 35	101 40	103 42	99 26	98 39	
4	VOVA240086 240086	VOVA210006	VOVA200202	3.0						83 58	127 62	79 43	83 30	114 36	101 43	115 38	99 42	
5	VOVA240113 240113	SB 180519	VOVA190160	0.4						100 61	111 66	79 54	92 41	113 44	100 50	89 28	93 46	
6	VOVA240149 240149	BOS 133097	VOVA220012	6.9						109 55	105 58	89 57	103 43	108 52	108 49	97 36	102 46	
7	VOVA240234 240234	WO 160019	VOVA210268	0.9						111 54	109 65	99 53	99 37	98 43	108 47	101 26	104 43	
8	VOVA240268 240268	BOS 133097	VOVA220012	6.9						109 55	105 58	89 57	103 43	108 52	108 49	97 36	102 46	
9	VOVA240317 240317	BOS 133097	VOVA220012	6.9						109 55	105 58	89 57	103 43	108 52	108 49	97 36	102 46	
10	VOVA240324 240324	BOS 133097	VOVA220012	6.9						109 55	105 58	89 57	103 43	108 52	108 49	97 36	102 46	
11	WO 160019 WO160019	QJA10201M	WO 130816	0.0						113 92	111 95	103 82	96 60	90 63	106 73	103 40	102 66	
										★★★★								
1	VOVA230014 230014	BOS 188154	FXF 10041F	0.4	HH	0	0	0	64	86 86	106 86	103 85	91 82	98 83	92 77	88 84	86 78	
2	VOVA230015 230015	BOS 188154	VOVA210117	2.4						86 57	108 60	79 55	97 34	110 43	92 46	93 40	86 45	
3	VOVA230243 230243	VOVA190235	VYF 160005	14.4						101 57	91 64	100 49	92 25	105 39	91 44	91 38	85 43	
4	VOVA230250 230250	BOS 155687	VOVA180238	0.1						108 58	97 63	98 52	99 27	94 41	93 45	104 40	90 44	
5	VOVA230280 230280	BOS 188650	VYF 140095	0.6						127 64	94 57	76 48	106 28	96 41	93 44	108 39	91 43	
6	VOVA230322 230322	BOS 177663	VOVA170005	0.0						79 63	121 68	95 56	85 37	107 43	99 50	97 38	94 48	
7	VOVA230407 230407	VYF 120243	VOVA210117	13.9						90 56	96 59	96 54	96 33	116 48	96 47	89 39	90 45	
8	VOVA240008 240008	BOS 188154	VOVA220012	1.9						94 58	109 58	81 56	102 37	103 44	95 47	88 40	88 46	
9	VOVA240254 240254		VOVA210003	0.0						110 30	84 52	97 36	119 22	90 29	92 32			
10	VOVA240352 240352	BOS 188154	VYF 140095	0.4						108 60	109 59	81 55	93 34	101 42	95 47	100 34	91 44	
11	VOVA240374 240374	BOS 188154	VYF 140095	0.4						108 60	109 59	81 55	93 34	101 42	95 47	100 34	91 44	

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	
1	VOVA230428 230428	WO 160019	VOVA200175	0.4						110 54	97 64	84 52	103 37	91 41	86 46	69 44	76 46	
2	VOVA240090 240090	VOVA210006	VOVA200216	1.2						81 58	120 62	77 47	84 30	97 37	81 44	98 38	78 43	
3	VOVA240098 240098	VOVA210006	VOVA210189	0.6						89 46	115 52	78 39	87 27	103 33	88 37	105 26	86 35	
4	VOVA240363 240363	S 177029	VOVA190134	0.0						91 49	99 50	93 43	100 20	98 36	88 37	84 24	81 34	
5	VOVA240498 240498	VOVA220069	VOVA200231	14.4						96 44	103 46	84 44	93 27	94 37	81 37	85 26	75 35	
6	VOVA240499 240499	WO 160019	VOVA210179	0.6						102 54	102 58	88 50	96 38	89 41	84 45	91 31	79 42	
1	VOVA230444 230444	VOVA190235	VOVA190220	0.0						115 32	73 39	96 35	97 18	96 29	76 29	61 36	65 30	

Selection List on Cow Value

Cows 2 years and older

ID Name Sorted on ID		Sire ID	Dam ID	% Inbreeding	Myostatin Horned / Polled nt821 Q204X F94L Genomic tested	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
						★★★★★								
1	BOS 166198 BOS166198	BOS 133097	BOS 133373	7.4		100 62	110 75	89 72	97 44	116 61	111 58	101 38	106 54	
2	ROCK230521 ROCK230521	OBS 140279	ROCK120173	2.2		112 54	98 69	78 62	115 28	117 47	111 49	96 20	105 43	
3	ROCK230564 ROCK230564	OBS 140279	ROCK140045	1.1		107 51	104 69	80 61	108 28	127 47	119 48			
4	VOVA180199 VOVA18199		FXF 110667	0.0		84 34	95 60	148 52	93 31	107 41	116 41	86 24	107 38	
5	VOVA190181 19181	S 155221	FXF 100435	0.0		116 54	81 65	104 56	113 32	116 47	112 48			
6	VOVA200202 20202	BOS 166109	BOS 166198	3.6		89 57	112 68	98 60	93 38	126 51	117 51	103 31	112 47	
7	VOVA220271 22 271	VOVA190249	VOVA190234	13.4		95 48	100 62	92 45	111 23	119 39	111 41	82 22	102 37	
8	VOVA220382 22 382	VOVA180223	WIL 130046	0.8		98 52	96 52	120 46	93 27	113 36	110 40	92 24	104 37	
9	VOVA230364 230364	WO 160019	VOVA200230	0.6		97 53	116 65	100 53	95 36	105 42	111 47	102 25	106 43	
10	VOVA240159 240159	BOS 133097	VOVA220058	6.0		101 52	108 58	87 57	99 41	116 51	110 48	101 36	105 46	
11	VOVA240207 240207	VOVA200225	VOVA180199	0.4		85 32	103 44	121 40	94 25	112 33	111 32	93 20	105 30	
12	VOVA240275 240275	BOS 188495	VOVA220012	2.5		98 42	104 57	95 50	108 31	114 41	113 41	100 27	107 38	
13	VOVA240372 240372	BOS 199285	VYF 160026	0.1		84 56	103 58	108 51	113 29	118 40	118 44	88 20	110 39	
						★★★★☆								
1	VOVA170003 VOVA1703	VYF 120243	VYF 140107	0.0		89 67	95 71	116 70	95 36	107 56	100 56	91 33	94 51	
2	VOVA190079 19 0079	VYF 160068	VYF 130266	0.4		98 57	99 69	85 67	109 39	113 50	102 53	105 29	99 48	
3	VOVA190152 19152	VOVA170014	VYF 150046	1.6		87 55	108 69	119 63	92 25	102 49	106 49	106 26	103 44	
4	VOVA190234 19234	VYF 120243	VOVA150029	0.0		93 55	104 65	89 62	99 29	115 50	102 49	82 26	94 44	
5	VOVA190247 19247	VYF 120243	VYF 140124	2.0		91 59	99 68	111 59	106 37	104 54	106 52	84 30	98 48	
6	VOVA200052 VOVA200052	VOVA170172	FXF 100551	1.4		106 62	95 69	88 57	120 43	108 51	108 52	80 26	98 47	
7	VOVA210027 210027	BOS 100126	BOS 077023	0.1		102 57	101 62	88 61	114 45	108 56	107 52	101 26	102 47	
8	VOVA210053 21 0053	VYF 120243	VYF 150049	1.4		93 60	94 68	100 59	104 33	114 54	102 51	84 25	94 46	
9	VOVA210108 21 0108	BOS 144174	VOVA170005	0.4		97 59	99 70	100 65	99 37	113 55	105 53	94 33	99 49	
10	VOVA210195 21 195	VYF 120243	VYF 150075	1.4		97 57	93 66	105 57	99 32	112 47	102 48	84 26	94 44	
11	VOVA210268 21 268	BOS 144174	FXF 110489	0.7		115 58	96 70	99 65	113 41	100 54	109 54	93 30	102 49	
12	VOVA220058 22 058	BOS 144174	BOS 077023	0.4		98 58	103 63	86 62	105 39	110 54	102 51	95 35	97 48	
13	VOVA220132 220132	VYF 120243	VOVA190042	26.8		96 55	87 65	99 56	105 33	121 48	103 48	75 26	93 44	
14	VOVA220536 22 536	BOS 144174	VYF 150046	1.6		110 65	103 60	87 59	110 37	95 49	100 50	91 30	94 46	
15	VOVA220588 220588	BOS 133175	WO 190082	0.8		111 44	100 54	88 50	112 30	104 43	107 41	92 22	100 37	
16	VOVA230109 230109	VOVA200066	VYF 160043	1.0		99 59	92 61	99 49	110 30	110 39	104 45	80 24	95 41	

Selection List on Cow Value

Cows 2 years and older

ID Sorted on 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											
								nt821	Q204X	F94L	Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
												★★★★☆																
17	VOVA230121	230121		VOVA200066	VOVA190181	0.5						111	55	89	49	98	42	111	29	106	35	104	39	77	21	95	35	
18	VOVA230122	230122		VOVA200066	VOVA190079	0.4						108	55	91	61	91	46	115	30	104	36	101	43	89	24	94	39	
19	VOVA230251	230251		WO 160019	VOVA210003	0.9						109	55	107	67	93	54	107	38	96	42	106	48	92	26	99	44	
20	VOVA230254	230254		WO 160019	VOVA210069	0.5						96	56	113	66	104	53	92	40	101	45	106	49	100	30	101	45	
21	VOVA230311	230311		BOS 188650	VYF 140095	0.6						130	50	100	57	79	48	106	28	96	40	101	42	108	28	99	39	
22	VOVA230314	230314		BOS 188650	VYF 140095	0.6						130	50	100	57	79	48	106	28	96	40	101	42	108	28	99	39	
23	VOVA230386	230386		WO 160019	VOVA210027	0.3						107	55	106	56	96	51	103	38	99	42	105	45	102	24	101	41	
24	VOVA230422	230422		WO 160019	VOVA210024	0.2						104	55	112	65	90	52	95	38	99	40	101	47	99	26	96	43	
25	VOVA230455	230455		WO 160019	VOVA210005	0.7						106	55	110	57	94	51	95	37	97	42	100	45	96	26	95	41	
26	VOVA240036	240036		WO 160019	VOVA190242	0.2						99	55	105	56	102	51	94	36	101	40	100	44	95	24	95	40	
27	VOVA240131	240131		BOS 133097	VOVA220005	7.5						108	53	107	57	90	56	98	43	111	52	109	48	99	36	104	46	
28	VOVA240200	240200		WO 160019	VOVA210108	0.8						105	55	105	59	102	52	97	36	101	42	105	45	99	26	100	41	
29	VOVA240203	240203		WO 160019	VOVA200052	0.3						109	56	103	59	95	50	109	38	99	41	108	45	91	24	101	41	
30	VOVA240209	240209		VOVA200225	VOVA190234	0.2						90	38	108	46	92	43	97	24	115	36	105	35	91	20	98	32	
31	VOVA240225	240225		WO 160019	VOVA220058	0.8						105	54	107	57	95	51	100	36	100	41	104	44	99	26	99	40	
32	VOVA240229	240229		WO 160019	VOVA220005	1.0						109	54	105	57	98	51	98	38	95	41	101	45	97	27	96	41	
33	VOVA240300	240300		BOS 133097	VOVA220012	6.9						109	55	105	58	89	57	103	43	108	52	108	49	97	36	102	46	
34	VOVA240366	240366		JAN 181818	VOVA190154	0.0						104	43	102	39	94	31	98	21	103	27	100	30					
35	VOVA240369	240369		JAN 181818	VYF 150140	0.9						97	53	108	54	88	50	100	30	113	38	106	42	100	20	101	38	
36	VOVA240370	240370		VOVA200225	VOVA210005	4.5						91	41	110	45	89	42	94	29	110	38	100	36	95	22	95	33	
37	VOVA240380	240380		BOS 133097	VOVA220012	6.9						109	55	105	58	89	57	103	43	108	52	108	49	97	36	102	46	
38	VOVA240415	240415		WO 160019	VOVA220078	0.6						101	53	110	56	99	51	96	36	103	41	106	44	102	25	102	40	
39	VOVA240416	240416		SB 180519	BOS 166198	2.1						110	57	115	61	76	56	92	43	115	47	109	49	96	33	103	46	
40	VOVA240451	240451		SB 180519	VYF 150075	0.2						115	57	105	59	85	55	95	40	107	44	103	47	92	30	97	44	
41	VYF 150075	VYF150075		FXF 110520	VYF 120135	0.8						108	65	90	70	107	69	107	35	101	49	102	54	93	28	96	49	
42	VYF 160043	VYF160043		VYF 120243	VYF 130188	2.0						88	68	94	73	103	75	103	38	124	58	108	58	81	28	99	52	
43	VYF 160051	VYF160051		VYF 120243	VYF 130094	2.0						102	70	83	71	82	70	124	38	116	57	101	57	70	30	90	52	
44	WO 190082	WO190082			WO 120649	0.0						104	52	98	58	88	51	114	26	108	41	106	43	77	22	96	39	
												★★★★																
1	VOVA160022	VOVA160022		FXF 060520	FXF 060640	0.0						84	68	103	72	113	75	86	48	97	57	90	59	84	26	83	52	

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	
							★★★★								
2	VOVA180238	VOVA18238		VYF 140095	0.0		115 47	91 48	102 59	100 19	87 28	90 38	92 26	84 36	
3	VOVA190160	19160	VYF 160068	VYF 130284	0.2		90 53	100 68	88 64	95 38	110 51	91 51	91 23	86 45	
4	VOVA190257	19257	S 155221	VYF 150201	1.1		103 41	95 64	92 55	98 27	102 44	91 43			
5	VOVA200087	2087	VOVA180077	VOVA180005	13.1		80 43	121 64	96 56	79 34	107 48	97 46	117 35	96 44	
6	VOVA200109	20109	BOS 066369	FXF 100324	0.0		102 63	106 71	95 68	95 50	93 54	93 57	80 28	85 51	
7	VOVA200257	20257	VYF 120243	FXF 110667	0.0		101 58	90 70	89 65	103 42	111 54	94 54	76 28	85 49	
8	VOVA210003	21 0003	BOS 144174	FXF 070403	1.3		107 61	100 72	82 70	113 45	100 54	99 56	91 35	93 52	
9	VOVA210005	210005	BOS 144028	VYF 130097	0.9		98 62	109 62	84 59	94 41	104 56	95 52	89 34	89 48	
10	VOVA210024	VOVA210024	V8 160085	VYF 130097	0.4		99 62	106 64	81 63	94 45	104 47	91 52	95 32	86 48	
11	VOVA210189	21 189	VOVA180077	VYF 160001	1.9		95 47	105 64	91 49	93 31	109 46	97 44	97 28	92 41	
12	VOVA210265	21 265	BOS 144174	VOVA180005	2.0		99 55	112 69	80 63	94 39	108 53	98 52	101 33	94 48	
13	VOVA220005	22 005	BOS 144174	FXF 110667	2.3		105 57	99 62	93 61	102 45	99 53	96 51	91 36	90 48	
14	VOVA220012	22 012	BOS 144174	FXF 070403	1.3		107 64	96 63	90 63	114 45	93 55	96 54	87 37	89 51	
15	VOVA220041	22 041	WIL 170436	VYF 140034	0.3		97 45	104 47	102 45	96 23	94 35	95 36			
16	VOVA220101	22 101	BOS 144134	VYF 160051	0.4		97 66	100 60	71 58	110 42	108 48	91 51	87 28	84 46	
17	VOVA220227	22 227	V8 160085	VOVA170005	0.9		86 64	105 67	82 59	91 43	117 47	92 52	94 29	87 47	
18	VOVA220242	22 242	VOVA180223	VYF 150201	0.7		92 63	99 66	112 52	94 33	100 42	97 48	92 26	91 44	
19	VOVA230025	230025	VYF 120243	VOVA200216	0.0		90 55	96 65	99 57	96 34	110 50	94 49	77 28	86 45	
20	VOVA230110	23110	VYF 120243	VOVA200231	0.0		85 63	102 65	98 56	92 34	113 50	97 50	81 27	89 45	
21	VOVA230130	230130	VOVA200066	VOVA160022	1.2		94 58	101 52	103 48	95 34	94 39	91 43	84 23	83 39	
22	VOVA230253	230253	WO 160019	VOVA210039	0.5		105 56	110 59	96 52	93 41	90 45	95 47	103 31	92 44	
23	VOVA230287	230287	VYF 120243	VOVA200146	1.0		91 62	102 67	83 57	98 36	113 48	94 50	81 32	86 46	
24	VOVA230291	230291	VOVA190235	VOVA180199	0.3		82 36	110 59	117 40	79 24	102 34	96 37	97 22	91 34	
25	VOVA230315	230315	BOS 177663	VYF 140095	0.0		109 58	109 58	91 50	88 37	89 40	90 45	112 32	89 42	
26	VOVA230316	230316	BOS 177663	VYF 160053	0.0		93 63	112 68	88 55	89 37	99 43	91 50	100 27	87 45	
27	VOVA230317	230317	BOS 177663	VYF 140095	0.0		109 58	109 58	91 50	88 37	89 40	90 45	112 32	89 42	
28	VOVA230319	230319	BOS 177663	VOVA170003	0.0		91 63	107 59	103 53	90 37	96 42	92 47	102 28	89 43	
29	VOVA230362	230362	VOVA200066	VYF 150140	0.5		97 49	98 64	93 50	110 32	98 39	96 44	86 26	89 40	
30	VOVA230421	230421	VOVA190235	WO 190082	0.1		100 42	95 47	95 39	98 22	103 34	93 34	80 21	85 31	
31	VOVA230429	230429	VOVA200066	VYF 150221	1.1		97 49	93 52	94 48	111 31	100 39	94 41	79 24	85 38	
32	VOVA240070	240070	WO 160019	VOVA200159	0.5		103 55	99 59	86 51	110 39	92 41	91 46	88 30	85 43	
33	VOVA240074	240074	WO 160019	VOVA160022	0.3		100 62	106 59	108 55	91 39	93 43	98 48	93 24	92 43	

Selection List on Cow Value

Cows 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																	
												★★★★																
34	VOVA240085	240085		WO 160019	VOVA160056	0.1						124	62	93	56	91	51	110	33	89	38	97	45	88	26	90	41	
35	VOVA240092	240092		VOVA210006	VYF 160001	0.9						93	61	111	54	79	47	91	30	106	38	91	43	104	25	88	39	
36	VOVA240168	240168		VOVA190235	VYF 160043	14.9						92	46	93	52	102	48	94	26	108	39	93	39	81	22	85	36	
37	VOVA240179	240179		WO 160019	VOVA210117	0.6						101	62	104	59	96	51	97	36	98	40	97	46	95	28	91	42	
38	VOVA240182	240182		SB 180519	VOVA190090	0.0						113	49	102	48	85	43	95	36	102	37	97	39	83	25	89	36	
39	VOVA240217	240217		WO 160019	VOVA210032	0.7						106	56	110	57	94	51	95	37	91	41	96	45	96	26	91	41	
40	VOVA240224	240224		BOS 155687	VYF 160005	0.3						102	55	103	60	92	56	95	31	101	46	95	46	98	30	90	43	
41	VOVA240251	240251		WO 160019	VOVA200158	1.0						113	53	105	59	96	52	95	37	91	42	96	45	89	24	90	41	
42	VOVA240273	240273		VOVA220077	VOVA210053	2.7						93	52	99	47	97	41	99	30	99	38	91	39	95	24	86	36	
43	VOVA240334	240334		WO 160019	VOVA190257	0.6						108	51	103	57	98	49	97	33	96	38	98	43	96	22	93	39	
44	VOVA240358	240358		WO 160019	VOVA200146	0.7						105	55	103	59	88	53	104	38	97	42	96	46	91	32	90	43	
45	VOVA240377	240377		BOS 188154	VOVA190247	0.1						87	57	110	60	91	55	99	34	105	43	99	46	87	30	92	43	
46	VOVA240387	240387		WO 160019	VOVA220101	0.3						105	57	105	56	87	50	101	37	99	39	97	44	95	25	92	40	
47	VOVA240419	240419		CMO 180075	VOVA200087	1.0						84	37	112	49	83	41	94	24	109	35	94	35	97	24	89	33	
48	VOVA240445	240445		SB 180519	VOVA200105	1.4						110	56	107	59	64	52	99	43	106	45	93	47	91	35	87	45	
49	VOVA240446	240446		WO 160019	VOVA210149	0.1						104	51	108	57	97	48	92	34	92	39	95	43	97	25	91	39	
50	VOVA240452	240452		WO 160019	VOVA220083	0.5						112	56	103	56	95	50	98	40	92	42	96	45	96	26	91	41	
51	VYF 140129	VYF140129		FXF 080059	FXF 070024	0.0						86	74	106	76	102	78	91	54	103	62	95	64	104	36	92	58	
52	VYF 150173	VYF150173		FXF 110338	FXF 080368	0.6						105	66	102	74	69	76	114	44	101	57	93	59	77	25	85	52	
53	VYF 160005	VYF160005		VYF 120243	VYF 130290	1.0						106	67	92	73	96	75	98	34	110	56	98	57	80	33	89	52	
												★★★★☆																
1	VOVA190099	1999		VYF 160068	VYF 140020	0.1						91	53	100	66	83	59	101	34	98	48	83	49	88	28	77	45	
2	VOVA190104	19104		WO 140253	FXF 060490	1.3						79	61	120	69	88	68	80	51	103	52	88	56	106	30	86	51	
3	VOVA200105	20105		WO 150461	VYF 130266	1.2						99	59	94	68	65	59	118	46	100	54	82	53	91	40	77	50	
4	VOVA200146	20146		WO 150461	VYF 140200	2.8						97	60	95	70	72	68	115	47	103	55	87	56	78	43	79	53	
5	VOVA200158	20158		BOS 111440	BOS 133044	3.1						113	51	98	69	89	65	94	41	92	56	87	52	74	27	78	47	
6	VOVA200216	20216		BOS 144028	BOS 066388	4.5						88	60	105	65	91	69	92	39	92	54	81	53	82	34	74	49	
7	VOVA200231	20231		BOS 144028	BOS 066388	4.5						87	60	106	63	92	66	92	39	92	54	82	52	83	30	75	48	
8	VOVA210032	210032		BOS 144028	VYF 130097	0.9						98	62	109	62	84	59	94	41	91	54	86	51	89	34	80	48	
9	VOVA210117	21 117		BOS 144028	VYF 160053	0.2						94	61	95	69	88	60	99	37	105	51	88	52	86	36	81	49	

Selection List on Cow Value

Cows 2 years and older

ID Name Sorted on ID			Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
				nt821			Q204X	F94L	Genomic tested										
									★★★★☆										
10	VOVA210166	21 166	VOVA180077	VYF 140200	0.9						9747	10955	8350	9536	9448	8844	9829	8441	
11	VOVA210203	21 203	BOS 144134	VYF 130095	0.4						9557	10568	7460	10143	10048	8651	9628	8246	
12	VOVA210208	21 208	BOS 144134	OKT 170188	2.5						10158	11467	7157	9143	10045	8850	10226	8545	
13	VOVA210212	21 212	BOS 144134	FXF 070210	0.8						9361	10469	7862	10548	10149	8954	9128	8349	
14	VOVA220020	22 020	V8 160085	VYF 140129	1.7						9164	10461	8159	9247	10548	8552	10030	8248	
15	VOVA220080	22 080	BOS 177663	BOS 066388	0.0						8756	11161	9857	8938	8946	8648	9829	8244	
16	VOVA220081	22 081	FXF 040408	VOVA190080	1.0						9463	10159	8456	9851	9454	8252	9330	7748	
17	VOVA220083	22 083	FXF 040408	VOVA160080	0.9						11164	9659	8758	10050	9354	8752	8930	8148	
18	VOVA220159	22 159	BOS 177663	VYF 150049	0.0						9465	10666	9354	9837	8843	8750	10127	8445	
19	VOVA220162	22 162	BOS 144134	VOVA180238	0.4						10061	11161	7755	9239	9442	8548	10428	8244	
20	VOVA220238	22 238	BOS 144134	VOVA180005	1.2						8956	11860	6957	8644	10548	8749	11132	8646	
21	VOVA220288	22 288	BOS 177663	BOS 133044	0.0						9554	10967	9056	8740	8646	8049	9529	7645	
22	VOVA220322	22 322	V8 160085	VYF 130097	0.4						10162	10562	7658	9445	10447	8951	9532	8447	
23	VOVA220535	22 535	CMO 180075	FXF 110363	1.1						11357	8952	6649	12226	9637	8541	7920	7837	
24	VOVA230005	230005	BOS 144134	VOVA180005	1.2						8956	11860	6957	8644	10448	8649	11132	8546	
25	VOVA230037	230037	V8 160085	VYF 140129	1.7						8567	11369	7859	8747	10151	8254	10630	8049	
26	VOVA230068	230068	V8 160085	VYF 160050	0.1						8265	10568	8359	9242	11246	8852	9528	8447	
27	VOVA230132	230132	VOVA200066	VOVA170004	0.7						10356	9160	10647	10027	9136	8942	8522	8238	
28	VOVA230155	230155	VOVA190235	VOVA190099	0.1						9442	9750	9342	9425	9737	8237	8522	7634	
29	VOVA230209	230209	VOVA190235	VOVA190086	7.6						9140	9649	9840	9325	9636	8236	8521	7633	
30	VOVA230234	230234	VOVA190235	VOVA200266	7.9						9842	9160	9442	10124	9235	8138	8120	7434	
31	VOVA230310	230310	VOVA190235	VOVA200158	0.4						10641	9461	9645	9427	9339	8540	7422	7636	
32	VOVA230425	230425	VOVA190235	VOVA190267	0.0						10334	8837	10330	9518	9529	8528			
33	VOVA230436	230436	VOVA200066	VYF 130284	0.6						10649	9353	9050	10235	9441	8742	8224	7938	
34	VOVA240075	240075	WO 160019	BOS 133044	0.9						10760	10460	9756	9239	8745	8948	9027	8344	
35	VOVA240093	240093	VOVA210006	VYF 140129	4.2						9262	11356	8249	8635	10040	8745	10928	8642	
36	VOVA240114	240114	VOVA210221	VOVA180219	0.0						9945	9633	9528	9814	9721	8826	7822	7925	
37	VOVA240117	240117	VOVA210221	VOVA190099	0.2						9235	10445	8536	9623	10031	8732	8724	8130	
38	VOVA240167	240167	VOVA190235	VOVA190042	14.8						9643	9351	9543	9625	10437	8837	8122	8034	
39	VOVA240210	240210	VOVA220077	VOVA200257	2.7						9743	9648	9243	9932	9838	8738	9124	8235	
40	VOVA240215	240215	VOVA200225	VYF 150201	1.4						9344	10150	9549	9731	9739	8940	9422	8436	
41	VOVA240236	240236	WO 160019	VOVA210130	0.5						10054	10458	8950	9738	8941	8545	9130	8042	

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	
											★★★★				
42	VOVA240368 240368		VOVA210019	0.0			107 30	90 35	91 31	118 22	84 29	86 27			
43	VOVA240371 240371	VOVA220069	VYF 150173	1.7			105 46	101 50	73 48	102 29	96 38	84 39	82 24	77 36	
44	VOVA240376 240376	WO 140253	VOVA190107	0.0			87 45	113 46	95 44	79 40	97 39	86 39	107 24	84 36	
											★★★				
1	FXF 10041F FXF10041F	FXF 060520	FXF 020151	0.0			89 77	92 76	126 81	87 56	76 59	76 65	85 32	70 58	
2	FXF 110420 FXF110420	FXF 090169	FXF 030059	0.0			118 65	80 73	74 78	122 38	87 53	78 57	78 27	71 51	
3	VOVA150181 VOVA15181	VOVA120050	FXF 060085	0.0			97 44	92 63	103 47	95 29	88 33	79 41	76 20	71 37	
4	VOVA200141 20141	WO 150461	VOVA170005	0.9			86 60	99 69	72 64	101 43	105 53	79 54	83 40	72 51	
5	VOVA200260 20260	VOVA170164	VYF 150029	2.0			92 50	99 64	97 61	85 31	89 41	75 46	91 27	71 42	
6	VOVA220122 22 122	BOS 144134	FXF 10041F	0.9			93 67	103 61	92 61	90 47	87 50	77 53	94 32	73 49	
7	VOVA240381 240381	VOVA220069	VOVA190220	0.0			113 33	88 36	79 34	101 19	92 27	77 28	75 22	69 27	
											★★★				
1	VOVA200175 20175	WO 150461	VYF 150075	0.4			100 57	93 68	63 61	106 42	89 50	65 52	78 42	59 50	
2	VOVA210179 21 179	WO 150461	VYF 150233	2.0			91 58	92 68	74 59	97 45	88 52	62 52	80 43	56 50	
3	VOVA210194 21 194	VOVA180077	VYF 130005	0.5			77 51	106 65	97 58	84 38	85 43	69 48	93 26	66 44	
4	VYF 160066 VYF160066	VYF 130185	VYF 130145	1.3			88 62	95 67	81 65	93 33	89 50	65 52	74 28	58 47	
											★				
1	VOVA200161 20161	WO 150461	VYF 160066	0.7			88 56	95 66	56 56	100 42	84 51	51 50	77 39	45 48	

Selection List on Cow Value

Bull Calves younger than 2 years

ID Sorted on ID			Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin		Genomic tested	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc								
											★★★★★															
1	VOVA260212	260212	JAN 222030	VOVA190181	0.6						108	42	96	43	91	37	110	23	117	32	112	33				
											★★★★★															
1	VOVA250122	250122	VOVA200225	VOVA200230	26.3						79	37	111	45	98	44	96	28	116	36	105	35	101	21	101	32
2	VOVA250207	250207	BOS 199285	VOVA200216	3.8						82	53	107	55	104	50	104	31	113	40	109	43	89	22	102	39
3	VOVA250220	250220	JAN 181818	VOVA210189	0.3						99	47	113	50	86	39	93	26	116	34	109	37				
4	VOVA250227	250227	BOS 199285	VOVA200216	3.8						82	53	107	55	104	50	104	31	113	40	109	43	89	22	102	39
5	VOVA250293	250293	BOS 200011	VYF 150140	0.8						94	56	102	60	97	52	100	29	109	39	102	44	93	27	96	41
6	VOVA250300	250300	VOVA200225	VOVA190079	0.4						92	39	105	47	90	45	101	28	114	36	104	36	103	21	100	33
7	VOVA250309	250309	VOVA200225	VYF 160043	0.4						87	44	103	49	99	48	99	28	120	39	107	39	91	20	101	35
8	VOVA250319	250319	BOS 200011	VYF 140129	1.3						92	58	107	60	100	52	92	33	109	41	103	46	100	28	99	42
9	VOVA250321	250321	WO 160019	VOVA210053	0.2						103	55	103	58	101	50	99	34	102	42	104	45	93	24	98	41
10	VOVA250323	250323	WO 160019	VOVA220012	0.9						110	56	104	57	97	52	103	38	92	42	100	45	95	27	95	41
11	VOVA250387	250387	WO 160019	VOVA220005	1.0						109	54	105	57	98	51	98	38	95	41	101	45	97	27	96	41
12	VOVA260227	260227	VOVA230014	VOVA200202	2.8						88	46	109	48	101	43	92	28	112	34	104	37	96	26	99	35
											★★★★★															
1	VOVA250015	250015	SB 180519	VYF 150221	0.3						105	58	105	61	79	57	97	41	107	45	97	49	82	29	89	45
2	VOVA250239	250239	WO 160019	VOVA220162	0.3						107	55	111	56	90	49	93	36	92	38	95	44	103	24	92	40
3	VOVA250315	250315	VOVA200225	VOVA200158	5.2						100	37	105	48	92	44	95	28	104	38	97	36	88	20	91	33
4	VOVA250326	250326	VOVA200225	VOVA190090	0.0						95	30	98	33	101	30	99	20	104	28	97	26				
5	VOVA250364	250364	S 177023	VYF 160001	0.3						85	53	111	60	87	55	88	25	112	45	94	45				
6	VOVA250381	250381	BOS 188154	VYF 140095	0.4						108	60	109	59	81	55	93	34	99	41	94	46	100	34	90	44
7	VOVA250385	250385	BOS 188154	VYF 140095	0.4						108	60	109	59	81	55	93	34	99	41	94	46	100	34	90	44
8	VOVA250392	250392	BOS 188154	VYF 140095	0.4						108	60	109	59	81	55	93	34	99	41	94	46	100	34	90	44
9	VOVA250395	250395	BOS 188154	VOVA220012	1.9						94	58	109	58	81	56	102	37	100	44	93	47	89	32	86	44
10	VOVA250397	250397	BOS 188154	VYF 140095	0.4						108	60	109	59	81	55	93	34	99	41	94	46	100	34	90	44
11	VOVA250443	250443	VOVA200225	VOVA200231	5.8						87	41	109	45	93	45	94	27	104	37	95	36	92	21	89	33
12	VOVA250499	250499	BOS 188154	VYF 140095	0.4						108	60	109	59	81	55	93	34	99	41	94	46	100	34	90	44
13	VOVA250517	250517	S 177023	VYF 160001	0.3						85	53	111	60	87	55	88	25	112	45	94	45				

Selection List on Cow Value

Bull Calves younger than 2 years

ID Sorted on ID			Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin		Genomic tested	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc								
								nt821	Q204X	F94L																
											★★★															
14	VOVA250523	250523	S 177023	VYF 160001	0.3						85	53	111	60	87	55	88	25	112	45	94	45				
15	VOVA250524	250524	S 177023	VYF 160001	0.3						85	53	111	60	87	55	88	25	112	45	94	45				
16	VOVA250526	250526	S 177023	VYF 160001	0.3						85	53	111	60	87	55	88	25	112	45	94	45				
17	VOVA250528	250528	VOVA200225	VOVA210039	1.2						92	40	110	48	92	44	93	33	102	40	95	38	102	26	91	36
18	VOVA250533	250533	VOVA200225	VOVA220083	0.8						98	42	104	44	91	42	98	32	104	37	97	36	95	22	92	33
19	VOVA250643	250643	VOVA230015	VOVA200109	2.6						97	43	107	46	87	43	96	31	101	35	94	37	87	25	87	35
20	VOVA260002	260002	BOS 188154	VYF 140095	0.4						108	60	109	59	81	55	93	34	99	41	94	46	100	34	90	44
21	VOVA260034	260034	BOS 188154	VYF 140095	0.4						108	60	109	59	81	55	93	34	99	41	94	46	100	34	90	44
22	VOVA260125	260125	VOVA230015	VOVA210053	4.0						92	41	101	45	90	40	100	24	112	34	98	34	88	24	92	32
											★★★☆															
1	VOVA250047	250047	BOS 188154	FXF 10041F	0.4						87	62	107	62	98	61	91	40	92	45	85	50	88	31	79	46
2	VOVA250050	250050	BOS 188154	FXF 10041F	0.4						87	62	107	62	98	61	91	40	92	45	85	50	88	31	79	46
3	VOVA250243	250243	S 177029	VOVA220081	1.1						84	56	109	56	84	48	97	32	99	44	86	44	94	27	81	41
4	VOVA250371	250371	BOS 188154	VOVA210032	2.5						83	57	115	58	77	55	94	35	99	43	86	46	90	32	80	43
5	VOVA250393	250393	VOVA220069	VOVA210212	1.4						99	45	103	48	77	43	99	31	96	35	83	38	90	25	77	35
6	VOVA250403	250403	BOS 188154	VOVA210032	2.5						83	57	115	58	77	55	94	35	99	43	86	46	90	32	80	43
7	VOVA250407	250407	BOS 188154	VOVA210032	2.5						83	57	115	58	77	55	94	35	99	43	86	46	90	32	80	43
8	VOVA250415	250415	BOS 188154	VOVA200216	3.3						81	57	113	59	81	58	93	35	99	43	85	47	86	32	78	44
9	VOVA250541	250541	VOVA220069	VYF 150075	0.7						106	46	95	49	91	45	99	26	96	35	89	38	90	25	83	35
10	VOVA250593	250593	VOVA220069	VOVA190257	1.2						104	39	98	47	84	40	96	23	96	33	84	34	89	22	79	32
11	VOVA260033	260033	UKJ 100182	VOVA200141	0.8						86	57	116	59	81	57	89	50	101	52	88	51	108	32	87	47
											★★★															
1	VOVA250228	250228	BOS 177663	VOVA160012	0.0						95	57	107	58	96	55	81	41	88	42	79	47	93	28	74	43
2	VOVA250536	250536	VOVA220069	VOVA210179	0.9						98	44	97	48	75	41	96	30	90	36	70	37	84	32	64	36
3	VOVA260060	260060	FXF 040408	FXF 110420	1.3						112	59	91	61	77	63	107	51	85	54	76	53	87	31	70	49
4	VOVA260061	260061	FXF 040408	FXF 110420	1.3						112	59	91	61	77	63	107	51	85	54	76	53	87	31	70	49

Selection List on Cow Value

Heifers younger than 2 years

ID Sorted on ID			Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin		Genomic tested	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc									
											★★★★★																
1	VOVA250146	250146		BOS 199285	VOVA200202	3.1					78	52	110	56	107	47	105	31	130	39	125	42	100	20	119	38	
											★★★★★																
1	VOVA250168	250168		BOS 199285	VOVA220535	2.0					90	52	99	52	91	43	120	27	115	35	110	39					
2	VOVA250283	250283		WO 160019	VOVA180199	0.2					99	49	103	56	125	48	94	35	99	38	111	42	94	24	104	38	
											★★★★★																
1	VOVA250135	250135		WO 160019	VOVA220041	0.1					105	51	108	53	102	47	96	32	92	36	100	41	100	22	96	37	
2	VOVA250191	250191		BOS 199285	VOVA200216	3.8					82	53	107	55	104	50	104	31	113	40	109	43	89	22	102	39	
3	VOVA250205	250205		BOS 199285	VOVA200216	3.8					82	53	107	55	104	50	104	31	113	40	109	43	89	22	102	39	
4	VOVA250292	250292		VOVA200225	VOVA200052	0.6					96	41	103	47	91	42	109	29	112	36	108	36	90	20	101	33	
5	VOVA250295	250295		WO 160019	VOVA220058	0.8					105	54	107	57	95	51	100	36	100	41	104	44	99	26	99	40	
6	VOVA250358	250358		WO 160019	VOVA230110	0.4					99	56	107	57	100	50	94	35	102	40	101	44	92	24	95	40	
7	VOVA250363	250363		WO 160019	VOVA210003	0.9					110	55	106	60	93	54	103	38	95	41	101	46	97	26	96	42	
8	VOVA250372	250372		BOS 188154	VOVA200202	4.5					76	56	117	60	84	55	93	35	116	42	100	46	97	31	95	43	
9	VOVA250383	250383		WO 160019	VOVA230025	0.4					101	54	104	58	101	50	96	35	100	40	100	44	90	24	94	40	
10	VOVA250409	250409		BOS 188154	VOVA200202	4.5					76	56	117	60	84	55	93	35	116	42	100	46	97	31	95	43	
11	VOVA250412	250412		VOVA200225	VOVA210005	4.5					91	41	110	45	89	42	94	29	110	38	100	36	95	22	95	33	
12	VOVA250537	250537		VOVA200225	VOVA190152	0.4					87	39	110	47	107	44	94	23	109	35	107	35	104	20	103	32	
13	VOVA260224	260224		VOVA230014	VOVA210108	1.4					95	46	103	49	102	44	95	27	105	36	100	38	91	26	94	36	
14	VOVA260238	260238		JAN 222030	VOVA210265	3.5					100	41	112	44	79	39	98	25	112	35	104	34	101	20	100	31	
											★★★★																
1	VOVA250048	250048		BOS 188154	VYF 140095	0.4					108	60	109	59	81	55	93	34	99	41	94	46	100	34	90	44	
2	VOVA250129	250129		VOVA220069	VOVA190234	7.6					99	42	102	47	82	42	97	24	103	36	90	36	85	24	83	34	
3	VOVA250145	250145		VOVA220069	VOVA190181	5.5					110	42	91	47	90	41	102	24	104	34	93	35	79	22	85	32	
4	VOVA250277	250277		VOVA220069	VYF 160001	8.2					104	47	98	49	84	46	99	27	103	38	91	39	91	24	85	36	
5	VOVA250279	250279		VOVA200225	VOVA160022	0.6					85	43	107	49	104	48	90	31	106	39	99	39	92	20	93	35	
6	VOVA250284	250284		VOVA220069	VOVA210108	5.9					101	44	100	49	88	44	97	26	102	37	91	37	91	26	86	35	

Selection List on Cow Value

Heifers younger than 2 years

ID Sorted on ID			Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin		Genomic tested	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc									
											★★★★																
7	VOVA250320	250320		VOVA200225	VOVA190099	0.2					89	37	106	46	89	42	98	26	107	35	95	35	94	20	90	32	
8	VOVA250339	250339		VOVA200225	VOVA190154	0.0					96	30	97	33	101	30	100	20	99	28	94	26					
9	VOVA250386	250386		VOVA200225	VOVA210032	4.5					91	41	110	45	89	43	94	29	104	37	96	36	95	22	91	33	
10	VOVA250457	250457		WO 160019	VOVA230037	0.2					99	57	112	58	91	51	91	38	96	40	94	45	104	26	91	41	
11	VOVA250562	250562		VOVA230015	VOVA190134	0.0					101	32	95	32	91	32	100	17	102	24	90	26	84	22	83	25	
12	VOVA250564	250564		VOVA230015	VOVA220101	3.3					94	44	104	42	75	39	102	27	109	32	92	34	90	24	86	32	
13	VOVA260081	260081		VOVA230014	VOVA220058	1.4					94	45	104	46	95	43	97	28	104	35	97	37	92	26	91	35	
14	VOVA260085	260085		VOVA230014	VOVA210027	0.8					94	46	104	46	96	43	100	30	103	36	98	37	94	24	93	34	
15	VOVA260134	260134		VOVA230014	VOVA190234	0.2					93	45	105	47	96	43	95	25	106	34	99	36	85	24	91	34	
16	VOVA260221	260221		JAN 222030	VOVA200158	4.6					107	41	105	44	84	40	99	26	104	36	99	35					
17	VOVA260228	260228		VOVA230014	VYF 140129	0.2					90	52	106	51	102	50	91	34	101	39	95	42	96	28	90	39	
18	VOVA260232	260232		VOVA230015	VOVA160022	0.5					88	44	106	47	96	46	91	30	103	36	92	38	88	24	86	35	
19	VOVA260233	260233		VOVA230014	VOVA190160	0.2					91	45	103	48	96	44	93	28	104	34	93	37	90	23	87	34	
											★★★★☆																
1	VOVA250130	250130		VOVA220069	VOVA210024	0.9					102	45	103	47	78	43	94	30	98	34	84	37	91	26	79	35	
2	VOVA250204	250204		VOVA220069	VOVA200104	2.2					102	42	102	47	81	42	101	29	91	37	83	37	87	24	77	34	
3	VOVA250210	250210		VOVA220069	VOVA210265	2.3					102	43	106	48	78	43	94	27	100	37	88	37	94	26	83	35	
4	VOVA250312	250312		VOVA220069	VOVA190160	1.5					97	42	101	48	82	43	95	27	101	36	84	37	89	24	79	34	
5	VOVA250330	250330		VOVA220069	VYF 160005	7.8					106	46	96	50	86	47	96	26	100	37	88	38	84	26	81	36	
6	VOVA250331	250331		VOVA200225	VOVA210194	0.4					81	37	109	46	96	42	89	27	101	34	88	35	97	20	84	32	
7	VOVA250332	250332		VOVA220069	VOVA190104	0.8					89	44	110	48	82	45	87	32	97	36	81	38	97	26	78	36	
8	VOVA250369	250369		BOS 188154	VOVA200216	3.3					81	57	113	59	81	58	93	35	99	43	85	47	86	32	78	44	
9	VOVA250377	250377		BOS 188154	VOVA210032	2.5					83	57	115	58	77	55	94	35	99	43	86	46	90	32	80	43	
10	VOVA250388	250388		BOS 188154	VOVA210032	2.5					83	57	115	58	77	55	94	35	99	43	86	46	90	32	80	43	
11	VOVA250410	250410		BOS 188154	VOVA210032	2.5					83	57	115	58	77	55	94	35	99	43	86	46	90	32	80	43	
12	VOVA250416	250416		BOS 188154	VOVA200216	3.3					81	57	113	59	81	58	93	35	99	43	85	47	86	32	78	44	
13	VOVA250454	250454		VOVA220069	VOVA170003	7.8					97	47	98	49	96	45	95	26	99	37	89	38	89	26	83	36	
14	VOVA250481	250481		BOS 188154	VOVA200216	3.3					81	57	113	59	81	58	93	35	99	43	85	47	86	32	78	44	
15	VOVA250496	250496		S 177023	VOVA220012	3.0					87	52	111	57	86	53	90	28	101	44	89	44	101	20	85	39	
16	VOVA250507	250507		VOVA220069	VYF 150173	1.7					105	46	101	50	73	48	102	29	96	38	84	39	82	24	77	36	

Selection List on Cow Value
Heifers younger than 2 years

ID Name Sorted on ID			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											
							nt821	Q204X	F94L	Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc											
											★★★☆☆																
17	VOVA250527	250527	S 177023	VOVA220012	3.0						87	52	111	57	86	53	90	28	101	44	89	44	101	20	85	39	
18	VOVA250563	250563	VOVA220069	VOVA200257	7.7						103	44	95	49	83	44	98	28	101	37	85	38	82	25	78	35	
19	VOVA250592	250592	VOVA220069	VOVA200087	1.2						93	39	111	47	86	40	86	25	99	35	87	35	102	27	84	33	
20	VOVA250596	250596	VOVA220069	VOVA190267	0.0						107	35	92	34	90	29	99	19	92	27	82	27	81	20	75	26	
21	VOVA260016	260016	UKJ 100182	FXF 10041F	0.6						87	62	113	62	108	62	83	53	87	54	88	54	109	27	86	49	
22	VOVA260019	260019	UKJ 100182	FXF 10041F	0.6						87	62	113	62	108	62	83	53	87	54	88	54	109	27	86	49	
23	VOVA260051	260051	UKJ 100182	FXF 10041F	0.6						87	62	113	62	108	62	83	53	87	54	88	54	109	27	86	49	
24	VOVA260122	260122	VOVA230014	VOVA200216	2.2						90	46	106	47	97	46	91	28	95	35	88	38	85	26	81	36	
25	VOVA260129	260129	VOVA230015	VYF 160066	1.8						90	42	102	45	80	42	95	24	100	33	80	35	84	24	73	33	
26	VOVA260237	260237	VOVA230015	VOVA200175	0.8						96	40	101	45	71	41	101	27	99	34	80	35	86	31	74	34	
											★★★																
1	VOVA250273	250273	VOVA220069	VYF 160066	2.2						96	45	98	48	78	44	94	25	90	35	71	37	81	24	65	34	
2	VOVA250281	250281	VOVA220069	VOVA200216	14.4						96	44	103	47	83	45	93	27	91	37	79	37	85	26	73	35	
3	VOVA250458	250458	VOVA220069	VYF 150201	1.1						102	49	95	51	86	48	97	31	85	39	74	41	88	26	69	38	
4	VOVA250466	250466	VOVA220069	VOVA200105	1.4						102	44	97	48	70	41	105	30	95	37	79	37	89	31	74	36	
5	VOVA260110	260110	VOVA230014	VOVA200161	0.8						90	45	101	47	80	41	95	29	91	35	73	37	82	30	67	36	

	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.

