

BEEFMASTER

GENOMIC BREEDING VALUE REPORT

September 2026



MR M.G.N. RENSBURG

Herd Number: 637361

E-mail: koksley@gmail.com



BEEFMASTER
CATTLE BREEDERS' SOCIETY OF SA
BEESTELERSGENOOTSAP VAN SA



EBVs, EBVi's and GEBVs

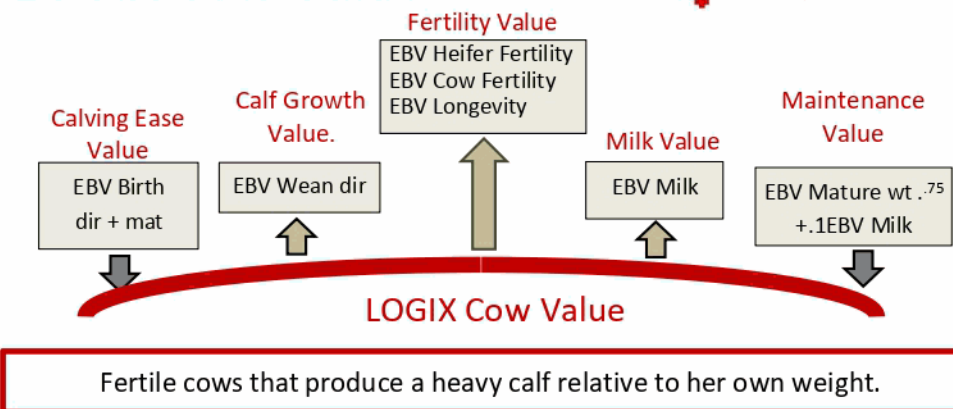
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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

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

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

LOGIX Cow Value



Selection Values

LOGIX Cow Value



Selecting for:

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

LOGIX Growth Value



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

LOGIX 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)

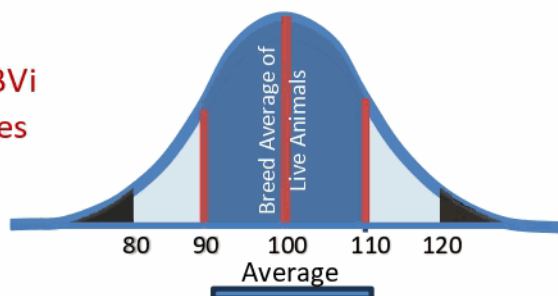
- WeanerCalf / Growth Value > 120
 - Cow Value and Fertility Value average to high
- Growers are usually heavier at birth (lower Calving Ease Value), and maturity (lower Maintenance Value).

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

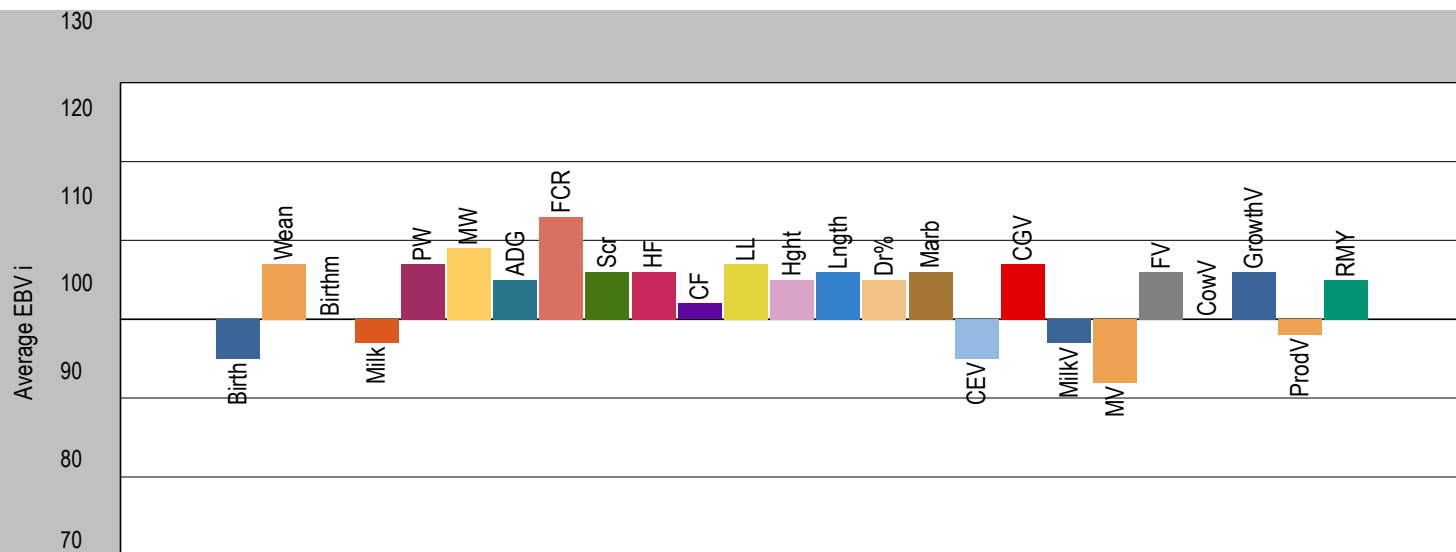
Larger groups result in more accurate and stable breeding values, as the mean and distribution of the group can be more accurately determined and are thus more representative. Groups should preferably have more than 5 animals. Weigh all the animals in the same group on the same day, as corrections for 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	RMV:	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	0.73	95	0.34
	Wean Weight	16.3	107	12.1
	Birth Mat.	-0.07	100	-0.05
	Milk (Wn.Mat.)	-2.4	97	-1.4
Postwean Growth	Postwean Wt	24.6	107	19.0
	Mature Weight	17	109	7
	ADG	90	105	72
	FCR	-53	113	-39
Fertility	Scrotal Circumf.	14.7	106	11.1
	Heifer Fertility	-11.9	106	-7.5
	Cow Fertility	-4.4	102	-4.1
	Longevity	19.3	107	14.8
Frame	Height	4	105	1
	Length	19	106	13
Carcass	EMA	1.49	106	0.85
	Fat	-0.14	96	0.11
	Marbling	0.66	106	0.30

Selection Value	Ave. Herd
Calving Ease	95
Calf Growth	107
Milk	97
Maintenance	92
Fertility	106
Cow Value	100
Growth Value	106
Production Value	98
Carcass Value	105

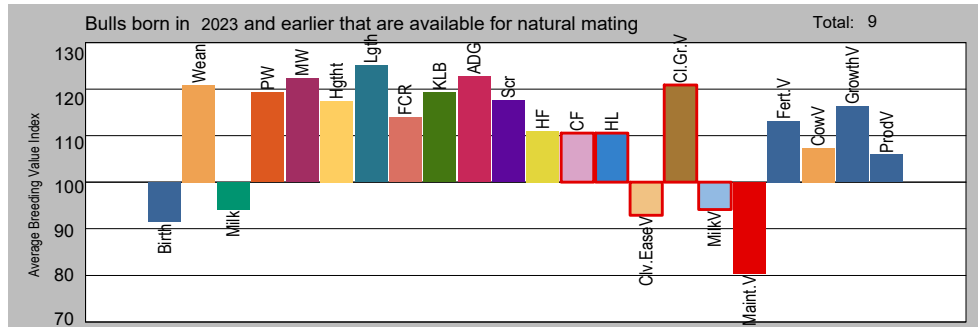
- Average of live animals in the breed: 100
- Above 100: **more favourable**,
- Below 100: **less favourable**

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

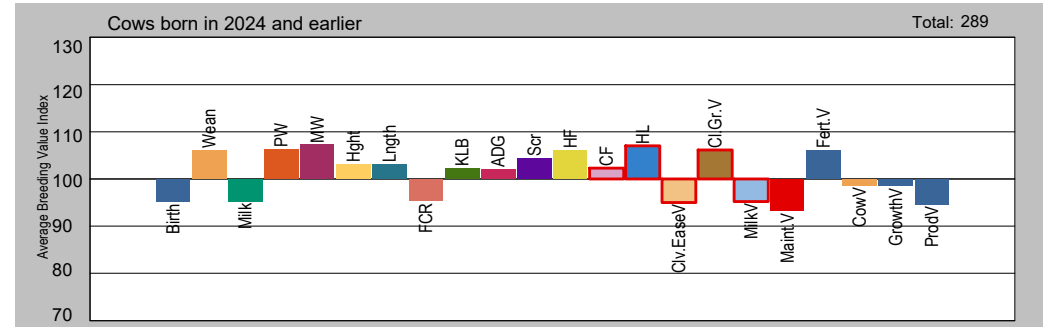
Genetic Windows

Bulls on the farm



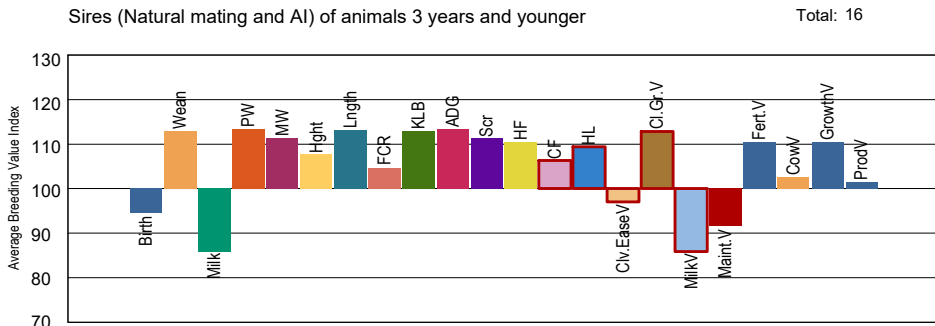
Animals available for breeding

Cow Herd

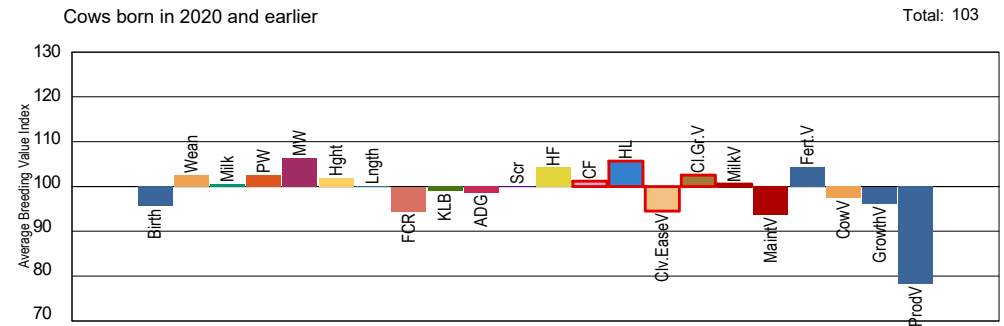


Results of previous selection decisions

Sires of young animals

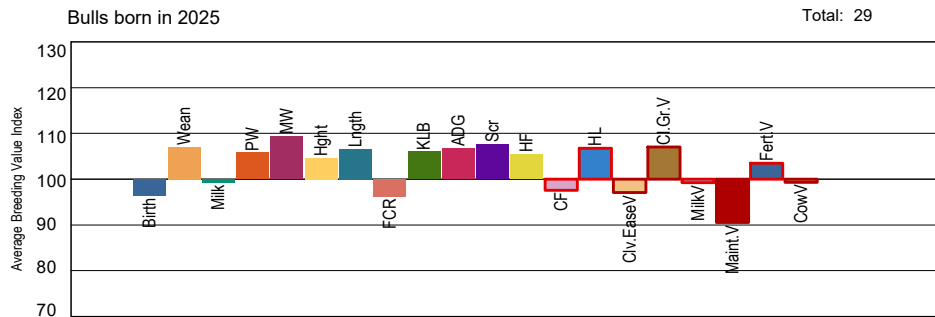


Cows older than 6 years

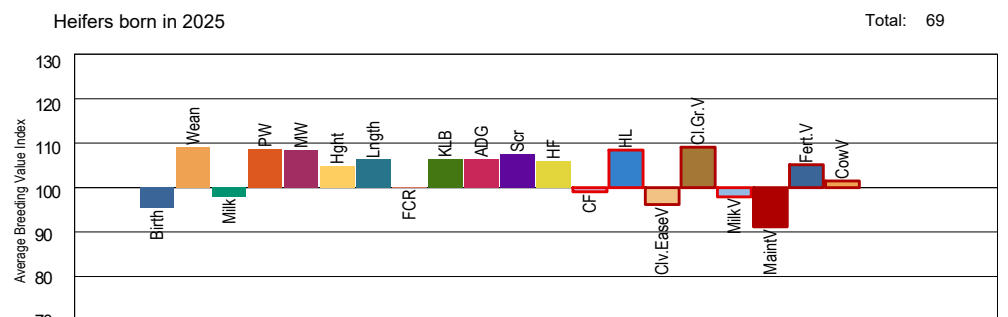


Selection possibilities

Bull calves



Heifer calves

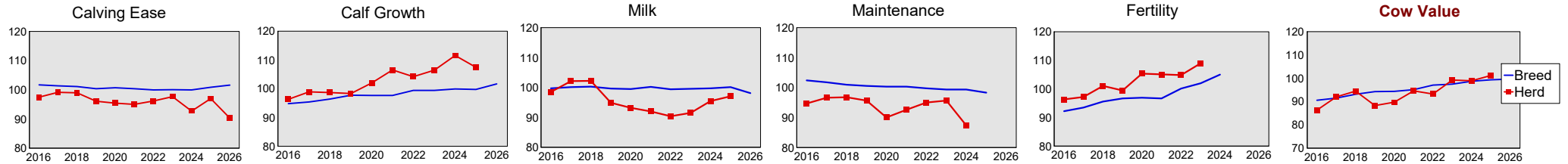


Summary of Cow Herd

			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
2013	1	★★★★★	100	93	149	89	94	110			102	93	93	149	92	106			79	99	106				
2015	2		113	80	98						114	80	94	98	80							104			
2016	10	★★★★☆	99	97	106	99	105	102			101	97	90	106	97	99	88	89	88	104	100	108	95	88	
2017	30	★★★★☆	100	100	103	98	102	100	101	85	100	100	100	103	101	102	97	97	96	106	97	103	101	99	
2018	17	★★★★☆	97	99	107	96	106	102			97	99	97	107	99	104	98	99	97	104	105	105	98	97	
2019	30	★★★★	92	102	97	92	102	91	94	77	94	102	96	97	101	108	100	101	105	101	98	105	103	102	
2020	26	★★★★	90	107	96	89	108	97	91	64	92	107	98	96	109	112	103	103	107	105	104	110	107	106	
2021	29	★★★★☆	94	111	91	89	112	102	108	100	94	111	102	91	112	113	106	106	110	112	106	111	107	108	
2022	49	★★★★	95	106	92	95	106	98	109	107	94	106	103	92	107	105	103	104	106	105	102	109	101	102	
2023	63	★★★★	98	106	91	95	107	99	94	99	97	106	102	91	106	106	102	103	104	108	105	105	105	104	
2024	52	★★★★	93	110	96	91	104	99	94	92	94	110	99	96	110	110	104	104	107	104	100	107	103	105	
2025	69	★★★★☆	96	109	98	91	105	102			95	109	103	98	109	108	106	106	108	106	99	108	105	106	
2026	6	★★★★☆	89	116	104	87	107	105			92	116	92	104	116	114	108	107	104	104	103	110	108	110	
Cows in Herd Average:			97	103	102	93	105	101	99	89	97	103	98	102	103	107	101	102	103	103	102	107	103	102	

Genetic Trends for On-Farm Traits

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



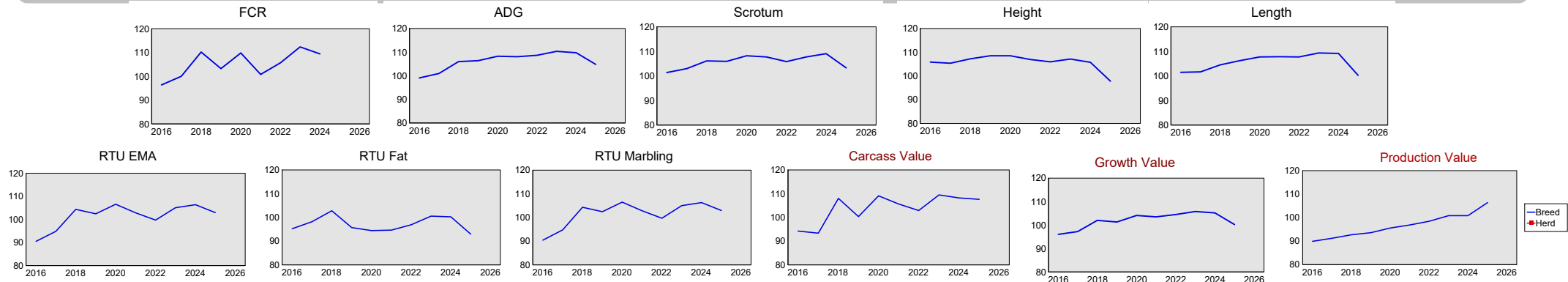
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility								Cow Value	
	Birth Weight		Calv. Ease	Dir EBV	Mat EBV	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Milk	Postwean Weight		Mature Weight		Mainte-nance	Heifer Fert.		Cow Fert.		Longevity		Ferti-lity			
	Number	EBV				Number	EBV		Number	EBV		Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number		EBV
2016	140	0.55	-0.06	97		87	10.0	96		87	-1.84	98	49	17.9	24	7	95		21	-6.6	22	-2.7	140	9.2	96	86
2017	174	0.41	-0.04	99		155	11.5	99		155	-0.80	102	77	19.8	36	7	97		45	-9.2	45	-2.9	175	10.6	97	92
2018	176	0.40	-0.01	99		139	11.4	99		139	-0.78	102	85	20.7	29	7	97		39	-7.2	37	-4.9	178	10.9	101	95
2019	179	0.66	-0.10	96		152	11.2	98		152	-2.84	95	80	19.3	43	13	96		44	-5.5	43	-4.2	181	11.5	99	88
2020	182	0.72	-0.11	95		139	13.3	102		139	-3.32	93	72	24.4	27	19	90		35	-9.7	32	-4.9	168	11.7	105	90
2021	195	0.77	-0.11	95		161	15.9	107		161	-3.66	92	73	25.8	31	19	93		35	-10.6	18	-5.4	177	14.9	105	95
2022	213	0.75	-0.23	96		167	14.5	104		167	-4.11	90	90	23.2	36	14	95		30	-10.1			29	13.5	105	93
2023	191	0.56	-0.10	98		157	15.8	106		157	-3.80	92	97	24.3	6	14	96		5	-12.0					109	99
2024	181	0.89	-0.04	93		143	18.8	112		143	-2.70	95	79	28.6			87									99
2025	177	0.64	-0.15	97		142	16.4	107		142	-2.24	97														101
2026	12	1.04	-0.01	90																						

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility								Cow Value	
	Birth Weight		Calv. Ease	Dir EBV	Mat EBV	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility				
	Number	EBV				Number	EBV		Number	EBV	Milk	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	EBVi			
2017																									
2018																									
2019																									
2020																									
2021																									
2022																									
2023																									
2024																									
2025																									
2026																									

Breed

Birth Year	Growth									Frame						Carcass						Selection Values			
	FCR			ADG			Scrotum			Height			Length			RTU Number	EMA		Fat		Marbling		Cracss Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi		EBV	EBVi	EBV	EBVi					
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	Dir	Dir	Mat.	Mat.	wt	weight					Fertility	Fertility	ty							Grwth
BOS 1111174		BOS 066337	BOS 077199	75	116	47	79	93	51	111	53	75	116	131	46	121	129	119	98	151	106	92	89	91	121	118	128	124	168	148	
BOS111174				98	98	96	95	95	88	93	89	2.38	21.4	-1.26	-16.5	35.6	40	141	-36	40.0	-12.4	-2.5	8.2	-4	33	2.64	1.75	1.63	27	36	78
BOS 122206		BOS 066337	BOS 100117	78	111	109	97	91	94	107	91	76	111	111	109	110	100	105	83	102	102	75	104	98	110	108	116	141	14	19	
BOS122206				79	85	79	61	70	69	29	61	2.32	18.5	-0.51	1.2	27.1	7	91	-21	12.3	-9.0	0.9	17.5	0	23	1.59	1.07	2.63		7	21
BOS 122916		BOS 077315	BOS 077504	100	100	94	90	91	82			103	100	89	94	100	109	88		90	84	89	107	90	83	82	93	81	24	15	
BOS122916				81	80	77	52	59	65			83	80	72	77	54	52	30		5.4	4.7	-1.8	18.9	-4	-3	-0.95	-0.30	-0.80		9	38
BOS 144138		BOS 099315	BOS 099405	99	105	101	89	114	107	102	102	96	105	109	101	106	110	107	101	96	113	122	99	87	97	102	103	118	29	28	
BOS144138				83	87	78	58	66	69	26	60	0.68	15.3	-0.40	-1.2	23.9	19	96	-40	9.1	-17.9	-8.4	14.3	-6	10	1.07	0.26	1.30		8	23
BOS 144174		BOS 100048	BOS 099083	112	103	80	111	95	98	89	91	111	103	98	80	100	92	96	87	99	115	104	115	113	93	89	94	81	211		
BOS144174				98	98	97	95	96	89	95	90	-0.60	13.7	0.01	-7.0	18.9	-3	56	-25	10.6	-18.9	0.9	17.0	10	26	0.12	-0.53	-0.05	20	52	119
BOS 177146		BOS 144451	BOS 144160	103	120	78	81	142	127	96	120	97	120	123	78	121	123	105	102	102	119	149	134	89	114	122	130	103	16	371	
BOS177146				98	99	98	96	97	89	96	90	0.56	23.5	-0.97	-7.6	35.6	33	89	-41	12.2	-22.1	-13.9	35.8	-5	26	3.06	1.87	0.46	5	61	111
BOS 199209		BOS 977232	BOS 133209	111	100	76	124	116	115	102	110	105	100	126	76	103	79	103	92	93	124	104	112	105	104	101	90	116	14	112	
BOS199209				92	96	91	89	91	84	89	85	-0.11	12.0	-1.08	-8.1	21.6	-17	81	-30	6.9	-26.4	-4.9	22.5	4	17	0.95	-0.48	1.19			
FCK 130017		FCK 100040	FCK 090053	117	114	107	89	108	122	113	119	115	114	101	107	123	110	120	113	101	110	117	95	114	117	116	112	123	68	55	
FCK130017				91	91	83	67	70	74	24	64	-0.89	20.2	-0.09	0.7	36.5	18	145	-54	11.8	-15.1	-7.6	11.5	10	30	2.38	0.82	1.58		15	52
FCK 130066		BOS 066369	FCK 020004	77	123	93	94	99	97	104	94	75	123	124	93	123	105	109	98	95	130	93	81	107	108	103	105	111	36	34	
FCK130066				87	88	80	59	68	71	24	62	2.42	25.3	-1.02	-3.5	37.2	13	104	-37	8.1	-31.2	-2.7	2.7	5	21	1.18	0.38	0.90		10	36
JAN 155002		BOS 100121	BOS 100179	106	120	67	89	130	115	123	114	99	120	119	67	122	112	117	95	115	141	117	115	117	120	117	96	134	189	153	
155002				96	96	90	71	74	79	36	70	0.42	23.6	-0.79	-10.6	35.7	21	135	-34	19.6	-39.5	-7.6	24.1	11	33	2.48	-0.14	2.25		54	92
JSM 120032		WO 060415	JSM 040046	96	124	106	77	96	104	113	103	99	124	90	106	125	126	118	113	102	84	117	90	124	125	118	112	117	32	23	
120032				84	84	73	49	55	64	24	56	0.39	26.3	0.34	0.2	38.6	37	138	-54	12.2	4.7	-7.5	8.4	15	37	2.66	0.79	1.27		6	26

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	Dir	Dir	Mat.	Mat.	wt	weight						Fertility	Fertility	ty						
LOU		BOS 066191		80	110	108	88	116	106	108	103	76	110	118	108	113	111	107	91	86	111	119	108	118	113	106	90	107	16	12
122181		BOS 088078		80	81	74	48	63	64	24	56	2.36	17.9	-0.78	0.8	28.7	20	97	-29	3.3	-16.4	-7.8	19.9	12	26	1.45	-0.46	0.71		
LOU122181												82	81	71	74	72	48	39	8	40	63	49	77	40	39	17	15	15	4	17
MAJ		MAJ 060135		96	119	111	86	84	99	98	94	95	119	103	111	120	113	108	108	104	112	65	91	99	105	112	90	108	67	57
080934		MAJ 050474		93	93	90	85	87	82	78	81	0.75	23.3	-0.16	1.7	34.3	22	102	-48	13.1	-16.8	2.9	9.3	1	18	1.99	-0.47	0.75		
08 0934												94	93	90	90	88	85	79	78	79	87	82	92	79	79	78	78	78	20	74
RG 120053		RG 070102		81	97	126	89	97	93			80	97	107	126	99	108				116	104	79						105	80
RG120053				92	93	84	65	68	75			1.99	10.5	-0.34	5.9	18.6	16				-19.9	-4.9	1.8						20	60
RG 140041		RG 080052		97	94	135	98	90	104			103	94	83	135	90	98				97	94	89						67	58
140041				89	90	79	49	63	69			0.10	8.7	0.61	8.4	11.5	5				-4.9	-2.9	7.9						14	43
RG 140062		PB 090032		94	105	101	92	87	85			94	105	101	101	104	106				83	95	92						8	6
RG140062		RG 080056		73	73	62	37	47	55			0.86	15.2	-0.09	-1.3	22.2	14				6.1	-3.1	10.0						2	6
RG 140113		PB 090032		101	95	86	116	95	92			104	95	90	86	93	87				82	104	102						8	7
RG140113		RG 100041		71	74	63	36	48	55			0.01	9.4	0.36	-5.3	13.3	-7				6.7	-4.8	16.3						3	7
RG 150012		MAJ 080934		112	82	109	110	77	83			108	82	106	109	83	91	77		81	115	66	73	80	75				57	43
150012		RG 080331		85	88	66	43	51	63			-0.33	1.9	-0.31	1.0	5.8	-3	-11		0.4	-19.3	2.7	-2.3	-10	-10				3	5
RG 150022		BOS 111174		91	97	63	120	110	89	107	86	91	97	135	63	99	84	109	90	111	113	125	87	74	95	105	123	134	120	100
150022		RG 070322		93	94	83	70	72	76	30	67	1.12	10.6	-1.44	-11.9	18.2	-11	105	-28	17.4	-17.6	-9.2	6.9	-14	8	1.37	1.46	2.24		
RG 150039		RG 120053		75	115	138	81	100	110			61	115	108	138	116	118				109	104	90						13	12
RG150039		RG 120024		75	78	64	40	50	57			3.55	20.8	-0.39	9.2	31.3	28				-14.9	-4.9	8.6						3	6
RG 150062		BOS 111174		73	130	60	79	85	63	118	65	73	130	100	60	123	127	128		133	89	81	96	117	130	125	111	118	127	107
RG150062		RG 080198		93	94	84	72	73	77	25	67	2.60	29.3	-0.07	-12.5	36.5	38	175		29.7	1.2	-0.3	12.5	11	42	3.34	0.73	1.29		
RG 150113		BOS 111174		78	125	76	71	87	68	114	69	79	125	103	76	128	138	125		140	80	94	95	119	130	122	108	102	11	11
RG150113		RG 100038		77	79	66	51	56	61	25	54	2.09	26.7	-0.17	-8.2	40.4	50	163		33.7	8.0	-2.9	11.8	13	42	2.98	0.55	0.42		
												80	79	65	66	62	51	45		46	58	38	72	46	46	14	13	12	1	3

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	Value	Dir	Dir	Mat.	Mat.	wt	weight					Fertility	Fertility	ty						
RG 160026		BOS 111174 RG 070211		88	119	89	68	118	97	109	95	92	119	92	89	126	141	118	108	125	106	135	100	116	123	116	124	122	141	114
RG160026				96	96	93	92	92	86	89	87	1.00	23.1	0.27	-4.6	39.2	54	139	-48	25.4	-12.1	-11.2	14.9	11	36	2.45	1.48	1.53		
												97	96	93	93	93	92	89	88	90	92	90	94	90	89	88	88	88	24	52
RG 160132		BOS 111174 RG 070155		75	113	48	75	113	62	117	64	64	113	132	48	115	134	113	95	126	106	127	99	114	117	102	115	113	152	137
RG160132				96	96	92	91	90	85	86	85	3.34	19.8	-1.32	-16.1	30.3	46	119	-33	25.8	-12.3	-9.5	14.1	9	29	1.08	0.98	1.04	11	32
												97	96	92	92	90	91	89	83	90	91	86	92	90	90	83	83	83		66
RG 170156		BOS 111174 RG 120055		97	104	65	96	99	78	99	74	91	104	117	65	103	104	106		123	106	93	103	96	109	104	108	108	4	4
RG17156				73	75	63	49	51	58	25	51	1.06	14.7	-0.74	-11.1	21.4	12	93		24.0	-11.9	-2.6	16.5	-1	22	1.21	0.60	0.74		
												76	75	62	63	62	49	45		46	52	37	65	46	46	14	13	12		
RG 180016		BOS 111174 RG 070156		85	113	61	79	93	62	99	60	83	113	111	61	113	126	107		125	88	98	99	103	112	103	102	90	33	29
RG180016				82	84	70	56	59	65	25	57	1.78	19.5	-0.50	-12.5	28.8	37	96		25.6	1.7	-3.6	13.9	3	24	1.19	0.24	-0.25		
												86	84	67	70	58	56	45		46	68	36	72	46	46	14	13	12	8	9
RG 180038		RG 150113 RG 150052		76	136	107	69	104	105			84	136	83	107	140	139	137		138	88	115	104	135	141	134	106	108	46	35
RG180038				83	85	63	43	46	60			1.69	33.0	0.61	0.5	50.3	52	207		32.5	1.8	-7.2	17.2	22	53	4.18	0.48	0.76		
												89	85	64	63	54	43	22		23	45	23	70	23	23	7	6	6	5	6
RG 190018		RG 150022 RG 100030		88	106	72	91	106	81	110	80	87	106	132	72	105	109	112		91	98	113	103	93	100	103	106	107	25	21
RG1918				81	82	65	49	49	61	29	55	1.38	15.7	-1.33	-9.3	23.2	17	114		6.2	-5.8	-6.7	16.8	-3	13	1.19	0.44	0.72		
												85	82	66	65	54	49	49		57	55	25	67	58	56	7	6	6	3	5
RG 190127		RG 150022 RG 150021		97	92	74	113	98	81			91	92	121	74	94	90	98		97	111	84	104	81	91	94	102	113	25	21
RG19127				80	82	62	50	52	61			1.05	7.4	-0.87	-8.6	14.3	-4	65		9.2	-16.5	-0.9	17.3	-10	4	0.27	0.25	1.05		
												85	82	63	62	54	50	27		29	59	30	66	29	29	7	7	6	3	3
RG 200019		RG 150022 RG 130069		99	102	72	114	107	96	103	93	97	102	104	72	101	90	108	106	103	109	114	97	94	95	101	110	106	99	82
RG 200019				93	94	85	83	84	81	82	81	0.54	13.1	-0.20	-9.3	19.7	-5	101	-45	12.9	-14.2	-6.9	12.7	-2	9	0.99	0.67	0.64		
												95	94	84	85	86	83	81	81	82	83	81	87	82	82	81	81	81	2	2
RG 200045		RG 170156 RG 170098		103	112	94	86	96	96	109	94	99	112	110	94	109	114	114	106	116	104	83	106	108	117	115	105	111	78	70
20045				94	94	89	86	86	82	86	83	0.38	19.3	-0.47	-3.1	25.9	23	124	-45	20.1	-10.3	-0.7	18.6	6	29	2.34	0.41	0.91		
												95	94	90	89	88	86	86	86	86	86	85	88	86	86	85	85	85		
RG 200117		RG 150062 RG 160062		72	146	73	64	98	85	141	90	76	146	94	73	139	150	154	145	148	82	106	106	155	153	150	104	124	37	31
20117				91	92	86	85	85	81	83	81	2.31	38.5	0.17	-9.0	48.8	64	267	-88	38.5	6.8	-5.3	18.7	33	63	5.75	0.35	1.65		
												92	92	86	86	86	85	83	83	83	85	84	87	83	83	83	83	83		
RG 210157		RG 150062 RG 150052		76	129	110	77	105	108	116	106	83	129	86	110	128	126	123	113	117	100	101	111	116	126	122	109	117	51	37
21157				92	92	86	85	85	81	83	81	1.75	29.1	0.48	1.5	41.0	37	157	-53	20.7	-7.5	-4.3	21.8	11	38	2.99	0.61	1.29		
												93	92	87	86	86	85	83	83	83	85	83	87	83	83	83	83	83		

Sires

Bull			Selection Values							Calf		Dam		Growth				Fertility				Frame		Carcass			Measured Progeny		
ID	Index EBV Acc	Sire ID Dam ID	Calv. Ease Value	Calf Grwth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	Birth Dir	Wean Dir	Birth Mat.	Wean Mat.	Post wn wt	Mature weight	ADG	FCR	Scrotal	Heifer Fertility	Cow Fertility	Long-evi ty	Height	Length	EMA	Fat	Marbling	Birth Grwth Test	Wean Dgt/Calvs.
	Name																												
RG 210204 21 204		JAN 155002 RG 130185	85	118	91	86	114	104	113	102	81	118	116	91	120	114	114	102	104	102	112	118	109	115	112	105	115	25	20
			89	90	85	82	83	79	80	79	1.88	22.6	90	90	-0.70	-3.8	34.1	24	123	-41	13.6	-9.3	-6.6	25.7	7	27	2.02	0.38	1.17
RG 220001 RG 220001		JAN 155002 RG 150200	92	115	88	81	116	101	114	99	87	115	118	88	115	122	112	95	118	118	114	108	108	117	113	106	121	23	18
			79	78	59	45	49	58	22	51	1.41	20.6	84	78	-0.76	-4.8	30.8	32	117	-34	21.4	-21.6	-6.8	19.7	6	29	2.18	0.44	1.48
RG 220122 22 122		JAN 155002 RG 170124	108	109	82	83	119	104	116	103	101	109	119	82	113	119	118	107	116	117	113	117	123	119	113	90	112	22	20
			89	89	83	81	82	78	80	78	0.29	17.5	90	89	-0.80	-6.4	28.8	29	137	-47	20.0	-20.7	-6.6	25.3	15	31	2.16	-0.50	0.99
RG 220127 22 127		JAN 155002 RG 170035	118	106	121	90	114	129	116	126	110	106	116	121	110	108	115	103	109	119	96	120	106	112	109	101	114	26	24
			89	90	84	82	83	79	80	79	-0.53	15.7	90	90	-0.70	4.5	27.1	16	126	-42	16.3	-22.1	-3.2	27.2	5	25	1.72	0.19	1.11
VOVA17017 2 VOVA17172		FXF 080717 VYF 140124	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
			94	96	91	88	89	84	86	84	0.71	17.3	96	96	0.12	0.5	25.6	0	94	-44	26.3	-10.1	-1.1	12.2	-6	7	1.45	-0.56	1.10

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
RG 200045 91487884 20045		RG 170156	RG 170098	103 94	112 94	94 89	86 86	96 86	96 82	109 86	94 83	115 85	99 0.38 95	110 -0.47 90	114 23 86	112 19.3 94	94 -3.1 89	100 43 90	109 25.9 88	114 124 86	106 -45 85	116 20.1 86	104 -10.3 86	83 -0.7 85	106 18.6 88	108 6 86	117 29 86	115 2.34 85	105 0.41 85	111 0.91 85
RG 210157 93012060 21157		RG 150062	RG 150052	76 92	129 92	110 86	77 85	105 85	108 81	116 83	106 81	124 83	83 1.75 93	86 0.48 87	126 37 85	129 29.1 92	110 1.5 86	124 98 88	128 41.0 86	123 157 83	113 -53 83	117 20.7 83	100 -7.5 85	101 -4.3 83	111 21.8 87	116 11 83	126 38 83	122 2.99 83	109 0.61 83	117 1.29 83
RG 220122 94661477 22122	1 	JAN 155002	RG 170124	108 89	109 89	82 83	83 81	119 82	104 78	116 80	103 78	111 79	101 0.29 90	119 -0.80 84	119 29 81	109 17.5 89	82 -6.4 83	86 10 84	113 28.8 82	118 137 80	107 -47 79	116 20.0 80	117 -20.7 82	113 -6.6 80	117 25.3 84	123 15 80	119 31 80	113 2.16 79	90 -0.50 79	112 0.99 79
RG 230048 96411459 23048	1 	BOS 177146	RG 180051	86 85	127 85	60 84	84 81	115 82	93 76	115 80	92 77	121 80	85 1.58 85	107 -0.33 83	120 30 81	127 27.6 85	60 -12.7 84	86 10 83	125 38.5 83	123 156 81	118 -59 80	109 16.2 81	95 -3.3 83	120 -8.1 81	118 26.0 83	111 8 81	123 35 81	125 3.27 80	116 1.04 80	113 1.03 80
RG 230077 96411475 23077	1 	JAN 155002	RG 160057	95 85	115 85	98 83	79 81	134 81	120 76	123 80	119 77	120 79	90 1.16 85	115 -0.65 83	124 35 81	115 20.7 85	98 -1.9 83	102 47 83	116 31.1 82	123 156 80	107 -47 79	118 21.2 80	142 -40.1 82	127 -9.4 80	115 24.0 82	122 14 80	129 41 80	123 3.16 79	96 -0.14 79	122 1.55 79
RG 230090 96411517 23090		BOS 177146	RG 160106	97 85	127 85	93 84	81 81	137 82	132 76	108 80	127 77	124 80	95 0.72 86	106 -0.29 83	121 32 81	127 27.6 85	93 -3.2 84	111 68 83	129 41.5 83	121 147 81	116 -56 80	105 13.9 81	127 -28.5 83	142 -12.4 81	119 26.4 83	104 4 81	125 37 81	129 3.70 80	111 0.72 80	111 0.92 80
RG 230097 96381330 23097	1 	RG 200045	RG 170161	91 84	129 84	102 81	82 79	103 79	111 75	118 78	110 76	127 78	86 1.52 85	117 -0.74 81	119 29 79	129 28.7 84	102 -0.9 81	120 90 81	123 36.6 81	125 162 78	118 -59 78	129 27.4 78	104 -10.4 79	101 -4.2 78	105 17.8 81	131 20 78	132 44 78	119 2.68 78	106 0.46 78	114 1.12 78
RG 230116 96379953 23116		RG 200045	RG 190188	90 83	113 84	115 81	78 79	96 79	97 74	120 78	97 75	124 77	92 0.97 84	95 0.14 81	124 35 79	113 19.6 84	115 2.9 81	113 72 81	108 24.9 80	127 172 78	119 -60 77	131 28.9 78	97 -5.3 79	91 -2.3 78	103 16.8 80	117 11 78	125 37 78	125 3.34 77	100 0.12 77	108 0.78 77
RG 230124 96381272 23124		RG 170109		90 81	127 81	93 79	73 77	113 78	105 73	121 76	105 74	127 76	92 1.00 81	96 0.09 79	134 46 77	127 27.7 81	93 -3.5 79	106 55 79	123 37.2 78	130 180 77	121 -62 76	117 20.9 77	113 -18.0 78	117 -7.4 77	101 15.5 78	125 16 77	130 42 77	127 3.52 76	100 0.11 76	118 1.31 76
RG 240016 98142912 24016		RG 200117	RG 170073	81 83	131 84	98 80	70 79	88 79	88 74	124 78	89 75	134 77	83 1.74 84	100 -0.06 80	137 50 79	131 29.9 84	98 -1.9 80	112 69 81	125 38.4 80	133 192 78	123 -64 77	139 33.2 78	88 1.6 79	83 -0.7 78	101 15.6 80	134 21 78	139 50 78	133 4.09 77	99 0.02 77	115 1.14 77
RG 240017 98154602 24017		RG 200117	RG 190114	78 84	131 84	100 81	71 80	93 80	92 75	126 78	94 76	137 78	83 1.74 85	91 0.28 81	136 48 80	131 30.2 84	100 -1.3 81	114 75 82	125 38.7 81	141 222 79	134 -76 78	124 25.0 79	82 6.6 80	95 -3.2 79	106 18.2 81	132 20 79	141 52 79	135 4.27 78	103 0.30 78	116 1.23 78
RG 240020 98143191 24020		RG 200117	RG 180198	111 83	125 84	91 81	81 79	103 80	111 75	109 78	108 76	124 78	112 -0.70 84	92 0.26 81	121 31 79	125 26.7 84	91 -4.1 81	107 60 81	121 35.0 81	123 154 78	119 -60 78	122 23.9 78	97 -5.0 80	104 -4.9 78	107 18.9 81	131 19 78	130 42 78	123 3.09 78	105 0.41 78	111 0.94 78

Breeding Values and Accuracies: Bulls

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

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	ID Number Name	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
RG 240025	98143068		RG 200117	68	133	89	65	93	79	125	81	137	71	89	146	133	89	103	128	138	129	132	90	91	104	125	140	135	99	115
24 025			RG 170169	84	84	81	80	80	75	78	76	78	2.73	0.37	60	30.9	-4.5	50	40.9	209	-70	29.3	0.2	-2.2	17.4	16	52	4.32	0.05	1.17
													85	81	80	84	81	82	81	78	78	79	80	79	81	79	79	78	78	78
RG 240029	98154768	3	RG 200117	72	135	94	63	108	95	126	97	137	78	89	150	135	94	108	132	138	132	142	88	123	107	150	145	132	109	121
24 029			RG 200066	84	84	81	80	80	75	78	76	78	2.16	0.38	64	32.5	-3.2	60	43.7	212	-74	35.0	2.0	-8.7	19.1	30	57	4.03	0.65	1.46
													85	81	80	84	81	82	81	78	78	79	80	79	81	79	79	78	78	78
RG 240040	98155203	13	RG 220001	97	112	94	83	115	105	112	103	109	92	114	118	112	94	99	110	111	97	116	118	107	113	113	114	111	102	122
24 040			RG 210209	82	83	80	78	79	74	78	75	77	0.98	-0.61	28	19.2	-3.1	39	26.7	111	-36	20.5	-21.6	-5.4	22.7	9	27	1.95	0.20	1.56
													83	80	78	83	80	80	80	78	77	78	79	77	80	78	77	77	77	77
RG 240041	98155146		RG 210204	95	125	93	82	112	112	120	111	127	94	105	119	125	93	110	126	125	116	116	94	119	112	117	124	125	120	133
24 041			RG 210162	83	84	81	79	80	75	78	76	78	0.84	-0.25	29	26.8	-3.3	67	39.4	164	-57	20.3	-3.1	-7.9	22.3	11	36	3.27	1.29	2.17
													84	81	79	84	81	81	81	78	78	79	80	78	81	79	79	78	78	78
RG 240057	98143159		RG 210157	95	109	122	84	116	119	102	114	106	101	83	115	109	122	118	111	108	98	112	117	118	105	101	110	111	94	110
24 057			RG 180140	84	85	81	80	80	75	78	76	78	0.25	0.63	24	17.3	4.7	84	27.6	100	-37	17.8	-20.9	-7.8	17.6	2	23	1.96	-0.24	0.87
													85	81	80	85	81	82	81	79	78	79	80	79	81	79	79	78	78	78
RG 240059	98142565		RG 210157	76	130	94	82	99	97	116	97	121	80	97	120	130	94	115	132	124	119	107	80	111	106	120	125	119	100	113
24 059			RG 140131	84	84	82	80	80	75	78	76	78	2.04	0.07	29	29.4	-3.1	78	43.6	161	-60	15.3	8.4	-6.3	18.3	13	37	2.75	0.10	1.04
													85	82	80	84	82	82	81	78	78	79	80	79	81	79	79	78	78	78
RG 240069	98143134		RG 200045	87	122	96	82	107	103	108	100	118	87	105	120	122	96	109	116	116	112	112	104	107	107	113	120	115	105	114
24 069			RG 180122	85	85	82	80	81	76	80	77	79	1.44	-0.26	30	24.9	-2.5	63	31.7	130	-52	18.0	-10.3	-5.5	19.4	9	32	2.30	0.40	1.08
													86	82	80	85	82	82	82	79	79	80	81	79	82	80	80	79	79	79
RG 240076	98142771		RG 200045	98	104	109	86	117	110	113	108	114	100	94	113	104	109	104	103	116	103	116	134	103	107	118	123	118	99	110
24 076			RG 160057	84	85	82	80	80	75	78	76	79	0.30	0.19	22	14.3	1.1	51	21.4	132	-42	20.2	-33.9	-4.6	19.2	12	35	2.60	0.04	0.88
													85	82	80	85	82	82	81	79	78	79	80	79	82	79	79	79	79	79
RG 240090	98154644	3	RG 200117	82	121	67	78	103	77	112	77	121	84	97	128	121	67	83	115	121	110	133	104	99	105	119	128	117	107	114
24 090			RG 190145	84	84	81	80	80	75	78	76	78	1.66	0.05	39	24.2	-10.8	2	30.3	149	-50	30.0	-10.6	-3.9	18.0	13	40	2.49	0.52	1.08
													85	81	80	84	81	82	81	79	78	79	80	79	81	79	79	78	78	78
RG 240094	98142474		RG 160026	81	117	102	74	107	94	111	93	117	88	83	131	117	102	104	118	117	109	121	106	110	101	107	116	115	116	120
24 094			RG 130069	85	85	83	81	81	76	80	77	79	1.33	0.63	42	21.8	-0.8	52	33.2	134	-49	23.1	-12.4	-6.1	15.2	6	29	2.37	1.03	1.41
													85	83	81	85	83	83	82	79	79	80	81	79	82	80	79	79	79	79
RG 240103	98154651	3	RG 200045	95	121	99	79	109	107	109	104	120	95	103	124	121	99	108	122	114	109	117	99	117	106	108	118	119	121	121
24 103			RG 190149	85	86	83	81	81	76	80	77	80	0.79	-0.18	35	24.2	-1.8	61	36.4	123	-48	20.8	-6.4	-7.4	18.7	6	30	2.75	1.35	1.48
													86	83	81	86	83	83	82	80	80	80	81	80	82	80	80	80	80	80
RG 240109	98143076	1	RG 200045	92	112	105	80	111	104	107	101	108	97	88	122	112	105	105	114	109	99	96	121	105	102	103	109	108	111	111
24 109			RG 170170	84	85	82	79	80	75	79	76	79	0.60	0.43	32	19.2	0.0	55	29.5	103	-38	9.0	-23.9	-5.1	16.1	3	22	1.62	0.73	0.95
													85	82	79	85	82	82	82	79	79	79	80	79	82	79	79	79	79	79

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																													
RG 240116 98155005 24 116	4	RG 220001 RG 210082	91 82	117 83	81 80	84 79	117 79	101 74	113 78	99 75	115 77	89 1.25 83	107 -0.33 80	118 28 79	117 22.2 83	81 -6.7 80	94 27 81	114 29.9 80	114 123 78	98 -37 77	113 18.4 78	114 -18.4 79	120 -8.1 78	107 19.4 80	114 9 78	122 34 78	117 2.55 77	108 0.58 77	110 0.86 77
RG 240121 98143217 24 121		RG 210157 RG 190005	83 83	126 84	106 81	78 79	105 79	106 74	130 78	107 75	132 78	88 1.34 84	89 0.38 81	125 36 79	126 27.2 84	106 0.2 81	118 84 81	126 39.1 80	134 196 78	122 -63 77	133 30.1 78	107 -12.8 79	98 -3.7 78	107 19.3 80	136 22 78	137 49 78	132 3.98 78	100 0.12 78	119 1.38 77
RG 240125 98142730 24 125		VOVA170172 RG 160011	100 84	112 85	134 82	96 79	107 80	130 75	115 78	127 76	123 78	104 0.02 85	86 0.50 82	100 7 79	112 18.8 85	134 8.0 82	139 134 82	112 28.5 82	126 166 79	121 -62 77	123 24.2 80	113 -17.7 80	107 -5.5 78	99 13.9 82	119 12 80	124 36 80	124 3.17 78	103 0.29 78	127 1.82 78
RG 240137 98142862 24 137		VOVA170172 RG 170036	93 85	122 85	95 83	87 81	87 81	94 76	111 80	92 77	119 79	96 0.66 86	92 0.26 83	113 22 81	122 25.0 85	95 -2.9 83	111 68 83	119 33.4 82	120 143 80	114 -55 79	118 21.5 81	91 -0.2 82	80 -0.1 79	101 15.7 83	117 11 81	121 34 81	123 3.12 79	90 -0.47 79	122 1.56 79
RG 240180 98142706 24 180		VOVA170172 RG 150174	77 85	121 84	130 83	83 81	95 81	109 76	94 79	103 77	111 79	76 2.33 86	110 -0.46 83	116 25 81	121 24.1 84	130 7.1 83	136 127 83	116 31.2 82	108 100 80	108 -48 78	116 20.4 81	99 -6.3 82	94 -2.8 79	98 13.8 83	106 5 81	110 23 81	114 2.24 79	89 -0.53 79	118 1.30 79
RG 250002 98742828 RG 250002		RG 200045 RG 130170	106 83	105 83	113 81	89 79	101 79	107 74	95 78	101 75	103 78	108 -0.30 83	92 0.27 81	110 18 79	105 15.1 83	113 2.2 81	110 65 81	103 21.4 80	101 77 78	96 -35 78	110 17.0 78	107 -13.1 79	96 -3.2 78	102 15.9 80	98 0 78	104 17 78	106 1.49 78	100 0.09 78	102 0.44 78
RG 250020 99670754 25 0020		RG 200117 RG 170075	91 62	125 65	93 48	79 31	104 35	102 45				95 0.71 66	87 0.44 48	124 35 31	125 26.7 65	93 -3.4 48	108 60 48	118 32.9 34	130 179 12		126 26.0 13	91 -0.5 38	113 -6.6 23	106 18.3 45	136 22 13	137 48 13			
RG 250042 99674095 25 0042	1	RG 220127 RG 220049	104 60	106 63	109 43	101 30	108 33	117 43			106 10	101 0.22 65	107 -0.32 43	97 4 30	106 15.8 63	109 1.1 43	114 75 45	108 24.9 34	111 111 21		114 19.3 26	112 -16.6 38	93 -2.6 20	116 24.4 41	103 3 27	107 20 26	106 1.48 10	96 -0.13 9	107 0.69 9
RG 250043 99674251 25 0043	2	RG 220127 RG 220148	101 59	112 63	104 43	80 30	108 33	105 43			110 10	98 0.52 64	109 -0.41 43	122 32 30	112 18.9 63	104 -0.4 43	104 51 45	114 29.6 31	114 122 19		115 19.7 20	108 -13.7 38	98 -3.6 20	114 23.7 40	110 7 20	115 28 20	109 1.78 10	98 -0.01 9	102 0.42 8
RG 250057 99670598 25 0057		RG 200045 RG 150072	110 61	95 63	111 48	82 16	98 24	94 40				108 -0.30 65	105 -0.23 47	118 28 16	95 9.3 63	111 1.8 48	95 31 42	93 14.0 30	104 85 12		107 15.3 13	101 -7.9 21	87 -1.5 10	108 20.0 40	111 8 13	109 22 13			
RG 250058 99670788 25 0058		RG 200045 RG 170090	98 64	100 66	95 49	88 27	107 32	93 45				96 0.66 68	107 -0.34 49	111 20 27	100 11.9 66	95 -2.8 49	89 17 47	99 17.9 36	95 52 12		97 9.5 13	125 -26.9 34	99 -3.8 18	97 12.9 45	95 -2 13	96 9 13			
RG 250062 99670762 25 0062		RG 200045 RG 170078	85 64	111 66	124 49	77 28	103 32	103 45				86 1.54 68	103 -0.18 48	125 35 28	111 18.2 66	124 5.3 49	117 81 48	109 25.6 35	115 126 12		114 19.3 13	101 -8.1 34	104 -4.8 19	105 17.8 44	118 12 13	120 32 13			

Breeding Values and Accuracies: Bulls

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

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID Dam ID		Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																															
RG 250064	RG 200045	RG 150123		107	105	101	92	99	101				106	102	106	105	101	101	103	104			103	114	79	108	102	105			
99670606				64	66	50	32	33	46				-0.13	-0.15	14	14.8	-1.3	44	21.4	85			12.6	-18.2	0.1	19.8	3	18			
25 0064													68	49	32	66	50	49	38	14			14	34	20	45	14	14			
RG 250077	RG 220127	RG 220084	2	106	109	104	97	105	113			112	100	115	100	109	104	111	110	117			114	106	94	113	105	113	112	104	115
99674178				60	63	44	31	34	44			10	0.31	-0.64	7	17.0	-0.3	67	26.8	132			19.1	-11.8	-2.9	22.8	4	26	2.04	0.35	1.12
25 0077													65	44	31	63	44	46	34	20			22	39	21	42	22	21	10	9	8
RG 250079	VOVA170172	RG 150021		99	99	99	109	85	89			90	98	101	92	99	99	99	99	94	95		105	100	65	102	86	87	93	84	97
6020711286				66	60	52	41	41	48			8	0.48	-0.10	-2	11.3	-1.7	40	17.9	50	-33		13.9	-7.8	3.0	16.2	-7	1	0.21	-0.82	0.10
25 0079													69	55	41	60	52	51	48	27	5		41	46	26	51	41	40	9	8	7
RG 250081	VOVA170172	RG 180123		94	104	97	108	100	101			102	95	100	93	104	97	103	103	106	104		118	99	102	99	94	99	104	95	106
99670945				64	65	50	36	41	48			8	0.79	-0.04	-1	14.4	-2.2	50	21.4	95	-44		21.5	-7.0	-4.4	14.3	-2	12	1.22	-0.21	0.64
25 0081													67	52	36	65	50	50	47	29	5		43	46	25	51	43	42	9	8	8
RG 250082	RG 200045	RG 190075	3	95	106	81	84	104	83			99	93	107	118	106	81	82	104	102			107	102	100	108	100	103	99	101	99
99671034				63	66	48	34	33	46			5	0.93	-0.34	28	15.4	-6.8	0	22.5	78			15.2	-8.9	-4.1	20.0	2	16	0.71	0.19	0.22
25 0082													67	47	34	66	48	49	36	22			24	36	22	42	24	24	5	5	5
RG 250086	RG 200045	RG 140140		102	107	101	92	103	103			110	98	111	107	107	101	104	106	112			106	102	100	107	113	114	111	100	
99670523				65	67	51	31	34	47			5	0.53	-0.49	15	16.4	-1.2	51	23.7	115			14.6	-8.7	-4.1	19.0	9	27	1.92	0.13	
25 0086													69	50	31	67	51	50	39	15			16	35	22	45	16	16	5	5	
RG 250088	RG 200045	RG 180122		98	106	98	92	104	99			103	97	101	107	106	98	101	103	104			106	102	102	106	99	104	103	99	105
99670937				63	65	48	30	33	45			6	0.54	-0.09	15	15.8	-1.9	43	21.5	88			14.6	-8.8	-4.6	18.2	1	17	1.15	0.07	0.57
25 0088													67	47	30	65	48	48	37	16			16	35	21	43	17	16	6	5	5
RG 250099	RG 200019	RG 190161	3	89	109	69	101	102	85			105	89	104	98	109	69	83	107	111			108	101	102	103	102	104	106	106	105
99671125				63	66	50	36	36	47			6	1.28	-0.20	5	17.5	-10.2	2	24.2	113			15.6	-8.4	-4.5	16.6	3	17	1.45	0.43	0.60
25 0099													67	51	36	66	50	51	38	18			19	39	22	46	20	19	6	5	5
RG 250103	RG 200045	RG 170170	1	101	109	96	89	102	99			105	100	104	110	109	96	100	108	106			100	111	92	105	106	109	104	102	102
99670861				64	66	49	23	32	44			6	0.36	-0.20	18	17.1	-2.6	42	25.1	96			11.2	-16.0	-2.5	17.6	5	22	1.23	0.22	0.41
25 0103													68	48	23	66	49	46	40	14			15	33	19	44	15	15	6	5	5
RG 250104	RG 200045	RG 180067		97	110	104	88	110	108				95	108	111	110	104	107	108	107			102	127	95	107	107	109			
99670887				63	57	45	23	30	41				0.78	-0.39	19	17.9	-0.4	58	25.1	99			12.2	-28.5	-3.0	18.8	5	22			
25 0104													67	47	23	57	45	42	36	12			13	33	16	41	13	13			
RG 250106	RG 200045	RG 170151	6	94	111	101	82	105	98			110	92	107	119	111	101	103	109	111			115	108	99	105	107	113	111	102	105
99670838				64	58	47	30	35	44			8	0.99	-0.32	29	18.4	-1.0	48	26.2	113			19.6	-14.1	-3.9	17.9	6	26	1.95	0.24	0.59
25 0106													68	49	30	58	47	45	38	25			26	36	23	45	26	26	8	7	7
RG 250110	RG 200045	RG 190102		104	107	103	82	102	99				104	97	119	107	103	100	104	110			107	102	95	109	111	112			
99671075				62	65	47	29	32	44				0.02	0.05	29	16.0	-0.6	41	22.2	109			14.8	-9.4	-3.2	20.1	8	25			
25 0110													67	46	29	65	47	47	34	12			13	34	19	42	13	13			

Breeding Values and Accuracies: Bulls

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

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID Dam ID		Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																															
RG 250128 99670465 25 0128	13	RG 210204 RG 210112		95 61	111 63	87 47	88 34	120 35	106 45			103 10	92 0.97 65	109 -0.42 47	112 21 34	111 18.5 63	87 -5.2 47	94 28 48	112 28.6 35	107 99 20		103 12.9 21	120 -23.1 39	110 -6.0 22	119 26.6 43	107 5 22	108 21 21	105 1.30 11	97 -0.07 10	109 0.79 10	
RG 250139 99670739 25 0139		VOVA170172 RG 170054		92 61	101 61	108 46	99 29	91 35	93 44			95 8	97 0.61 64	88 0.42 51	99 6 29	101 12.9 61	108 0.9 46	107 59 45	100 19.3 42	98 65 26	103 -42 5		112 17.7 40	94 -2.6 37	84 -0.9 20	102 16.3 48	99 1 41	95 9 39	95 0.36 8	82 -0.94 7	85 -0.57 7
RG 250147 99671042 25 0147	3	RG 200045 RG 190087		101 62	102 66	80 47	91 34	103 33	85 46			95 5	97 0.57 67	109 -0.42 46	109 17 34	102 13.0 66	80 -7.0 47	80 -5 49	100 19.4 36	97 62 22		104 13.3 24	104 -10.4 36	97 -3.5 22	108 19.6 42	96 -1 24	98 11 24	94 0.29 5	100 0.13 5	97 0.10 5	
RG 250155 99670994 25 0155		RG 200019 RG 180163		106 63	96 63	89 47	103 26	106 33	98 44			94 6	107 -0.23 67	94 0.18 50	96 2 26	96 9.8 63	89 -4.5 47	87 10 45	95 15.4 36	99 70 17		93 6.9 19	107 -13.3 35	105 -5.0 18	104 17.1 45	93 -2 19	93 7 18	95 0.34 6	104 0.31 5	102 0.43 5	
RG 250160 6020015746 25 0160		VOVA170172 RG 160045		99 65	95 66	104 52	105 36	99 41	97 49			87 8	101 0.23 68	92 0.26 54	94 1 36	95 9.1 66	104 -0.3 52	98 38 51	94 14.7 48	90 37 29	83 -21 6		101 11.8 42	105 -11.6 46	96 -3.2 25	99 13.9 52	86 -7 42	86 0 41	91 0.01 9	85 -0.75 8	100 0.27 8
RG 250161 6020015852 25 0161	3	RG 210157 RG 190077		76 63	118 56	97 47	84 37	110 35	99 44			104 5	80 1.99 67	95 0.13 48	117 26 37	118 22.4 56	97 -2.2 47	107 59 47	118 32.8 34	107 96 22		108 16.0 23	103 -9.8 38	110 -6.0 23	111 21.8 44	105 4 24	108 21 23	102 1.02 5	103 0.28 5	102 0.39 5	
RG 250164 6020015712 25 0164		RG 200019 RG 150174		95 65	109 66	103 53	88 32	100 36	98 47				92 0.97 68	109 -0.40 53	112 20 32	109 17.4 66	103 -0.5 53	105 54 50	108 24.8 38	113 119 15		109 16.5 16	96 -4.7 37	101 -4.3 22	102 16.1 48	111 8 16	111 24 15				
RG 250170 6020015761 25 0170		RG 210157 RG 170010		98 63	112 65	104 49	82 28	102 31	101 45				100 0.34 67	95 0.14 49	119 29 28	112 19.1 65	104 -0.4 49	105 55 47	111 27.6 32	108 100 13		106 14.6 13	95 -3.3 28	98 -3.7 19	112 22.3 45	109 7 13	109 22 13				
RG 250171 6020021892 25 0171	1	RG 200019 RG 200126		96 62	107 65	93 49	89 30	114 34	103 45			108 8	93 0.95 66	113 -0.55 50	110 18 30	107 16.4 65	93 -3.5 49	96 32 48	107 24.4 36	114 122 19		110 16.7 21	114 -18.2 37	115 -7.1 21	105 17.8 44	113 9 21	111 24 20	107 1.57 9	103 0.28 8	106 0.66 8	
RG 250183 6020015753 25 0183		RG 210157 RG 160162		76 63	117 54	109 48	84 31	106 32	101 43			106 5	77 2.21 67	102 -0.14 49	116 26 31	117 21.9 54	109 1.0 48	115 78 44	116 31.6 33	108 100 15		101 11.6 15	100 -7.4 32	99 -3.9 20	115 24.0 44	111 8 15	112 24 15	104 1.29 5	98 -0.03 5	104 0.55 5	
RG 260002 6020293491 26 0002		RG 200019 RG 150154		99 65	104 58	88 52	112 37	110 35	109 46			105 6	97 0.59 68	106 -0.31 53	90 -4 37	104 14.6 58	88 -4.8 52	97 35 49	105 22.8 36	112 117 18		105 13.7 19	105 -11.4 38	117 -7.4 22	102 15.8 46	110 7 20	105 18 19	105 1.35 7	102 0.25 6	100 0.27 6	
RG 260003 6020293590 26 0003	13	RG 210204 RG 210149		92 61	118 53	95 45	85 31	112 33	107 42			113 10	87 1.39 65	115 -0.64 47	116 26 31	118 22.8 53	95 -2.8 45	106 57 43	119 33.6 34	115 127 20		109 16.4 21	107 -12.6 36	104 -4.9 22	117 25.2 42	115 10 22	118 31 21	114 2.24 11	98 -0.02 10	116 1.20 10	

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
RG 260004		RG 210157		84	115	104	80	102	96				87	96	121	115	104	108	116	110		109	99	100	107	116	116			
6020293566		RG 200131		60	52	42	31	29	40				1.45	0.10	32	20.8	-0.2	60	31.1	110		16.1	-6.9	-4.0	19.4	11	29			
26 0004													64	44	31	52	42	42	29	11		12	32	18	37	12	11			
RG 260011		RG 200019		98	108	81	94	108	96			106	95	109	105	108	81	89	107	111		108	107	111	103	107	107	106	100	106
6020293574	1	RG 210006		63	56	46	28	33	42			8	0.71	-0.40	13	16.8	-6.8	16	24.4	111		15.9	-12.6	-6.3	16.8	5	20	1.43	0.13	0.65
26 0011													67	51	28	56	46	43	36	19		21	36	21	43	21	20	9	8	8
RG 260013		RG 210204		85	115	90	83	114	98			106	83	110	119	115	90	98	117	109		107	105	114	113	104	110	106	108	111
6020293582	1	RG 210045		60	53	43	31	34	41			8	1.76	-0.43	29	20.8	-4.2	37	32.2	106		15.4	-11.3	-6.9	23.1	4	22	1.49	0.55	0.92
26 0013													64	46	31	53	43	42	36	19		20	39	22	40	20	20	9	8	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																													
RG 130065 83773473 RG130065			100 69	93 64	149 77	89 32	94 34	110 52				102 0.15 69	93 0.22 71	106 14 32	93 8.0 64	149 12.4 77	128 108 58	92 13.0 34				79 8.7 33	99 -3.8 13	106 18.4 56					
RG 150090 87261640 RG150090			113 62	80 53	96 70							114 -0.81 61	93 0.20 66		80 0.6 53	96 -2.6 70		79 3.1 11						99 14.2 51					
RG 150176 87261681 RG150176			113 59	80 56	99 73							113 -0.78 58	95 0.15 64		80 0.8 56	99 -1.6 73		80 3.3 18						109 20.6 48					
RG 160011 83573162 RG160011	RG 120053 RG 110012		93 74	94 74	146 78	108 45	106 47	126 59				96 0.65 75	91 0.31 72	91 -3 45	94 8.6 74	146 11.6 78	136 127 66	95 15.4 42				112 -16.9 52	106 -5.3 24	99 14.4 64					
RG 160043 86256336 160043	BOS 122916 RG 100329		98 70	95 67	98 72	98 35	89 45	82 54		76 6		105 -0.04 71	80 0.73 68	100 8 35	95 9.0 67	98 -1.8 72	91 21 58	95 15.1 37	82 5 13		87 3.6 13	83 5.7 51	79 0.2 24	112 22.1 59	92 -3 13	81 -4 13	76 -1.51 6	83 -0.90 5	65 -1.69 5
RG 160045 84855295 RG160045	LOU 122181 RG 130125		92 70	98 69	95 70	93 43	103 50	88 56		85 8		95 0.75 71	92 0.27 66	105 13 43	98 10.8 69	95 -2.9 70	89 17 61	96 15.6 48	88 27 22		87 3.6 24	100 -7.7 57	112 -6.4 32	97 13.2 62	98 1 23	93 7 23	89 -0.25 8	85 -0.78 8	90 -0.28 7
RG 160047 84892199 RG160047	BOS 122916 RG 060241		105 73	91 70	91 76	97 49	109 48	92 59		73 6		109 -0.43 73	83 0.61 71	101 8 49	91 6.7 70	91 -4.0 76	80 -5 65	92 12.5 43	80 0 13		85 2.6 13	120 -22.9 52	93 -2.8 32	111 21.4 61	88 -5 13	77 -8 13	74 -1.70 6	82 -0.94 5	68 -1.53 5
RG 160057 88322086 RG160057	LOU 122181 RG 130095		86 73	102 72	127 77	86 44	127 51	121 59		109 8		87 1.39 73	100 -0.06 71	111 20 44	102 13.3 72	127 6.2 77	117 82 64	102 20.3 49	112 117 19		106 14.7 20	136 -35.6 57	117 -7.4 37	114 23.7 60	122 14 20	120 32 20	111 1.90 8	90 -0.45 8	102 0.39 7
RG 160096 84892249 RG160096	BOS 122916 RG 100029		106 71	90 70	85 74	96 43	105 50	85 57		65 6		110 -0.47 72	86 0.49 68	103 11 43	90 6.2 70	85 -5.6 74	74 -19 62	90 10.9 40	72 -31 13		77 -2.1 13	99 -6.8 57	98 -3.6 33	114 23.7 61	78 -11 13	68 -17 13	68 -2.34 6	81 -0.98 5	63 -1.82 5
RG 160106 84856418 RG160106	MAJ 080934 RG 110252		95 71	106 72	113 77	101 50	112 51	118 60				98 0.50 72	91 0.29 69	97 4 50	106 15.8 72	113 2.3 77	118 84 66	108 24.9 48	96 58 13		91 5.9 13	130 -31.2 57	97 -3.4 35	107 18.9 62	94 -2 13	95 9 13			
RG 160107 84856434 RG160107	JSM 120032 RG 100011		99 72	108 71	123 75	98 40	104 36	120 55				101 0.25 73	92 0.25 69	98 5 40	108 16.7 71	123 5.2 75	127 106 62	109 25.8 44	102 79 18		97 9.1 21	93 -2.0 32	110 -6.1 17	106 18.3 60	113 9 21	107 20 20	99 0.73 5		
RG 160143 84892264 RG160143	BOS 122916 RG 100030		102 74	95 71	86 76	103 43	97 49	87 58		78 6		102 0.18 74	99 -0.03 72	96 3 43	95 9.5 71	86 -5.3 76	83 3 63	94 14.4 41	86 20 17		83 1.3 19	85 4.5 55	94 -2.8 29	114 23.6 62	92 -3 19	83 -3 19	78 -1.26 6	85 -0.78 5	69 -1.46 5

Breeding Values and Accuracies: Cows

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

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass					
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling		
ID Number Name																															
RG 160147 84892256 RG160147		BOS 122916 RG 070093	109 74	90 71	97 78	112 46	95 51	96 59			64 6	111 -0.61 74	90 0.34 73	90 -4 46	90 6.5 71	97 -2.3 78	89 16 65	90 11.1 40	72 -31 13			78 -1.3 13	86 3.2 57	95 -3.1 33	108 19.6 62	81 -10 13	69 -16 13	66 -2.48 6	81 -1.02 5	61 -1.93 5	
RG 170010 85322014 170010		BOS 122916 RG 080059	120 72	93 70	99 75	89 39	98 41	94 55			83 6	117 -1.05 73	104 -0.22 70	110 19 39	93 8.1 70	99 -1.8 75	86 9 61	92 12.8 38	88 30 13			92 6.7 13	89 0.8 35	94 -3.0 26	111 21.9 61	99 1 13	89 3 13	82 -0.90 6	84 -0.81 5	68 -1.49 5	
RG 170011 87040069 170011		JSM 120032 RG 100010	104 71	102 63	92 73	111 48	104 38	107 54				106 -0.14 72	94 0.19 69	91 -3 48	102 13.3 63	92 -3.7 73	98 36 61	102 20.5 42	88 28 18			85 2.8 21	99 -6.6 35	108 -5.6 17	104 17.5 61	99 1 21	92 6 20	86 -0.48 5			
RG 170032 86995636 RG17032		BOS 122206 RG 150023	93 68	102 67	104 64	102 38	100 51	100 54			89 14	93 0.95 70	103 -0.16 63	96 3 38	102 13.4 67	104 -0.2 64	106 56 56	102 20.4 50	93 48 24	83 -21 5			93 7.4 25	124 -26.6 59	85 -1.1 33	95 11.8 60	91 -4 25	95 9 25	94 0.25 15	98 -0.02 14	108 0.73 14
RG 170034 86995628 RG17034	1	BOS 122206 RG 140064	97 72	101 71	85 75	121 41	97 53	99 58			89 16	95 0.73 73	104 -0.23 69	81 -14 41	101 12.8 71	85 -5.5 75	96 32 62	103 21.0 50	95 55 26	82 -20 7			93 7.0 28	105 -11.7 59	88 -1.7 37	102 16.0 62	95 -1 28	95 9 27	93 0.18 16	102 0.24 15	107 0.72 15
RG 170035 86995685 RG17035		BOS 122206 RG 140176	94 70	98 71	155 71	90 31	87 48	111 54			102 14	91 1.08 72	110 -0.45 64	105 13 31	98 11.2 71	155 14.1 71	139 135 58	99 18.5 46	106 93 23	102 -41 5			105 14.1 24	91 -0.2 55	69 2.1 32	111 21.8 58	102 3 24	107 20 24	101 0.99 15	97 -0.09 14	99 0.25 14
RG 170036 86995669 RG17036		BOS 122206 RG 140055	107 72	91 71	95 77	113 45	96 51	96 59			78 14	106 -0.13 72	101 -0.11 70	90 -5 45	91 7.2 71	95 -2.9 77	89 16 64	90 11.4 46	82 8 23	71 -8 5			81 0.3 24	101 -8.6 57	80 0.0 37	112 22.0 60	88 -6 24	86 1 24	84 -0.76 15	90 -0.49 14	97 0.10 14
RG 170041 86513421 RG17041		RG 140041 RG 140067	109 71	87 71	89 74	99 56	102 49	87 59				111 -0.58 72	91 0.29 68	99 6 56	87 4.6 71	89 -4.4 74	76 -15 67	84 6.3 34					104 -10.9 55	96 -3.2 32	106 18.6 60						
RG 170042 86513512 RG17042		RG 140062 RG 140136	101 71	98 68	76 68	135 43	99 48	103 55				102 0.19 72	97 0.05 66	63 -35 43	98 11.0 68	76 -8.1 68	92 23 60	98 17.5 43	89 32 10			89 4.6 10	93 -1.7 54	100 -4.1 31	105 17.7 58	103 3 10	93 6 10				
RG 170054 95306759 RG 170054			95 53	86 34	112 50		88 24					102 0.13 52	79 0.78 57		86 4.2 34	112 2.0 50		86 7.8 12					87 2.7 20	81 -0.2 6	105 17.7 46						
RG 170067 86551611 RG17067		BOS 111174 RG 070318	82 73	119 71	86 75	78 64	124 56	102 62	109 25	99 55	114 14	78 2.18 73	117 -0.74 71	127 37 64	119 22.9 71	86 -5.3 75	96 32 70	119 33.8 52	115 126 45			127 26.5 46	144 -41.7 63	108 -5.6 43	110 20.9 63	110 7 46	120 32 46	114 2.24 14	107 0.52 13	101 0.34 12	
RG 170078 86513470 RG17078		RG 120053 RG 140120	78 73	99 72	155 76	75 47	110 50	112 59				83 1.77 74	92 0.27 71	125 36 47	99 11.3 72	155 14.1 76	128 108 65	99 18.4 43					102 -8.9 57	121 -8.3 33	102 15.9 61						

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																														
RG 170081		FCK 130066 RG 070155	83 72	106 72	86 75	97 45	111 50	94 58			93 8	79 2.08 73	118 -0.75 70	102 9 45	106 15.8 72	86 -5.3 75	93 26 64	105 22.8 50	97 63 24	92 -31 7	92 6.7 27	131 -31.7 57	103 -4.8 33	96 12.1 61	107 6 27	100 13 26	89 -0.19 9	93 -0.27 8	89 -0.34 8	
RG 170090		RG 120053 RG 130143	88 75	96 74	92 76	87 46	116 51	89 60				87 1.39 76	105 -0.27 73	113 22 46	96 10.0 74	92 -3.7 76	83 2 65	97 16.6 47					142 -40.6 58	118 -7.6 31	85 5.4 64					
RG 170098		JSM 120032 RG 060146	105 71	109 72	115 72	86 29	87 44	99 54				105 -0.09 73	98 0.04 65	112 21 29	109 17.2 72	115 2.7 72	114 74 58	108 25.5 49	103 81 18			96 9.0 21	89 1.3 53	79 0.1 20	103 16.5 58	111 8 21	107 20 20	102 1.01 5		
RG 170099		FCK 130017 RG 070054	107 72	104 71	121 76	87 48	111 51	117 59				108 -0.30 73	94 0.18 70	112 20 48	104 14.4 71	121 4.4 76	114 75 65	109 25.9 51	103 84 19			96 8.6 21	102 -8.8 57	115 -7.2 35	108 19.5 61	109 6 21	104 17 20	98 0.67 5		
RG 170109		MAJ 080934 RG 100029	103 71	108 72	96 76	88 46	106 52	101 59				104 0.01 72	95 0.13 69	111 20 46	108 16.6 72	96 -2.4 76	99 39 65	106 24.0 50	99 69 13			96 8.9 13	116 -19.9 57	88 -1.8 36	112 21.9 63	97 0 13	97 10 13			
RG 170110		RG 140113 RG 110017	104 70	90 69	102 74	113 38	99 48	99 56				106 -0.19 71	90 0.36 68	89 -5 38	90 6.1 69	102 -1.0 74	93 25 60	87 9.0 44				82 6.9 55	104 -4.8 31	110 20.9 57						
RG 170116		FCK 130017 RG 100004	115 73	98 69	101 71	99 36	106 50	108 56				116 -0.99 74	91 0.31 71	99 6 36	98 10.7 69	101 -1.0 71	97 36 59	100 19.1 50	94 49 19			89 4.9 21	107 -13.1 56	114 -6.9 34	95 11.9 61	99 1 21	94 7 20	88 -0.29 5		
RG 170124		FCK 130017 RG 080056	121 74	93 71	118 70	76 44	108 51	105 58				114 -0.79 75	115 -0.63 69	126 37 44	93 8.2 71	118 3.5 70	95 30 62	98 17.5 48	101 75 19			97 9.4 21	98 -6.0 56	110 -6.2 35	109 20.4 62	108 6 21	102 15 20	95 0.39 5		
RG 170128		BOS 111174 RG 120208	93 70	99 68	61 68	92 46	95 55	63 57	89 25	59 51	87 14	90 1.13 71	109 -0.42 67	109 17 46	99 11.4 68	61 -12.4 68	62 -47 61	101 20.1 50	92 42 45			110 16.7 46	94 -2.7 60	91 -2.3 41	105 17.6 63	84 -8 46	93 6 46	88 -0.28 14	101 0.17 13	86 -0.50 12
RG 170131		FCK 130017 RG 100002	122 71	96 70	117 75	93 47	50					120 -1.37 72	97 0.05 69	104 12 47	96 9.7 70	117 3.3 75	106 56 64	101 19.5 48	99 70 19			94 7.6 21	91 -0.3 55	91 -2.4 33		106 5 21	100 14 20	94 0.22 5		
RG 170136		RG 120053 RG 140014	91 72	100 65	101 68	99 36	99 44	93 53				91 1.06 73	101 -0.10 67	99 6 36	100 11.8 65	101 -1.1 68	99 40 56	103 21.0 46				97 -5.4 45	106 -5.2 23	96 12.5 64						
RG 170151		BOS 111174 RG 120203	88 75	108 71	108 75	79 53	113 56	101 61	105 25	97 54	106 14	89 1.25 75	101 -0.11 73	124 34 53	108 16.5 71	108 0.8 75	102 48 66	108 25.3 50	108 102 45			114 19.1 46	113 -17.9 62	115 -7.2 42	103 16.4 63	106 5 46	110 23 46	107 1.56 14	100 0.08 13	99 0.27 12

Breeding Values and Accuracies: Cows

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

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
RG 170152 86551637 RG17152		MAJ 080934 RG 080218	101 70	100 69	115 71	98 44	88 50	97 56				104 0.02 71	89 0.37 66	100 7 44	100 12.3 69	115 2.9 71	112 70 61		101 19.5 48	96 57 13		97 9.5 13	101 -8.1 56	72 1.6 33	102 16.3 60	101 2 13	97 11 13			
RG 170153 86551660 RG17153		MAJ 080934 RG 110032	111 72	98 70	101 74	94 44	93 50	93 58				108 -0.30 73	105 -0.26 70	104 12 44	98 10.7 70	101 -1.2 74	95 29 63		97 17.0 48	90 34 13		92 6.5 13	104 -10.3 55	82 -0.4 35	102 15.8 61	94 -2 13	90 4 13			
RG 170161 91944330 RG 170161		FCK 130066 RG 110309	88 71	113 63	118 74	94 32	109 49	117 54		104 8	87 1.43 72	106 -0.30 69	103 10 32	113 19.4 63	118 3.7 74	125 101 56		112 28.0 46	107 97 16	106 -45 7		107 15.0 17	121 -23.5 51	106 -5.3 34	98 13.6 61	119 13 17	113 25 17	99 0.77 9	95 -0.19 8	92 -0.14 8
RG 170166 86995958 RG17166		FCK 130066 RG 100041	99 70	110 68	77 69	112 31	95 49	96 54		92 8	98 0.54 71	103 -0.17 67	91 -3 31	110 17.7 68	77 -7.9 69	93 26 56		108 25.6 44	97 62 16	94 -33 7		98 10.0 17	104 -10.7 54	90 -2.0 34	97 13.2 60	103 3 17	99 12 17	92 0.02 9	92 -0.35 8	86 -0.52 8
RG 170167 86996584 RG17167		FCK 130066 RG 110003	114 75	97 74	110 75	132 43	108 52	133 59		87 8	113 -0.74 76	99 -0.03 71	66 -32 43	97 10.6 74	110 1.5 75	124 99 64		98 17.5 58	93 46 16	92 -30 7		88 4.5 17	122 -24.7 58	100 -4.2 35	100 14.7 63	94 -2 17	91 5 17	86 -0.48 9	88 -0.58 8	83 -0.67 8
RG 170170 86995974 RG17170		FCK 130066 RG 100039	92 75	111 75	97 77	94 35	108 49	104 58		93 8	93 0.95 76	100 -0.04 71	105 12 35	111 18.2 75	97 -2.2 77	105 54 62		112 28.2 56	97 62 16	91 -30 7		83 1.5 17	117 -20.4 55	103 -4.7 32	102 15.8 61	102 3 17	99 12 17	91 -0.02 9	98 0.01 8	93 -0.12 8
RG 170194 86513389 RG17194		RG 120053 RG 140005	87 72	93 68	101 68	100 38	92 42	80 54			90 1.14 73	94 0.17 67	98 5 38	93 8.1 68	101 -1.2 68	92 23 58		93 13.8 38				99 -6.6 43	92 -2.5 22	92 10.1 60						
RG 180002 88262118 RG180002		RG 120053 RG 080212	88 72	95 70	120 73	87 49	106 47	96 58			85 1.59 73	112 -0.52 69	111 20 49	95 9.2 70	120 4.2 73	104 52 64		92 13.1 44	88 29 14			91 5.8 16	111 -16.5 49	101 -4.3 30	104 17.0 62	90 -4 16	90 3 16			
RG 180051 88224753 RG180051		RG 150062 RG 150162	78 69	112 68	85 69	93 46	87 48	75 56		101 6	81 1.94 70	98 0.02 64	107 15 46	112 19.1 68	85 -5.7 69	96 32 61		109 25.7 44	109 103 22			107 15.1 23	83 5.8 59	81 -0.3 29	106 18.8 57	108 6 23	108 21 23	101 0.98 7	93 -0.27 6	92 -0.13 6
RG 180067 88225206 RG180067		RG 150039 RG 150123	82 71	111 69	116 68	90 35	124 46	120 54			80 2.00 72	110 -0.46 67	107 15 35	111 18.7 69	116 3.0 68	119 88 57		111 27.3 46	100 74 6			88 4.2 7	148 -45.3 55	106 -5.3 24	107 19.1 58	106 5 7	102 15 7			
RG 180076 88224951 RG180076		BOS 144138 RG 100038	95 67	106 68	128 68	85 40	108 49	115 54		100 8	96 0.66 69	99 0.00 62	114 23 40	106 15.8 68	128 6.6 68	121 92 59		107 24.1 46	105 89 20	107 -47 6		101 11.8 21	100 -7.6 55	111 -6.2 34	107 19.3 58	104 4 21	103 16 20	99 0.75 9	91 -0.43 8	90 -0.26 8
RG 180093 88224878 RG180093		RG 150113 RG 160018	87 67	107 65	100 67	77 53	96 46	82 55		100 6	91 1.06 68	91 0.29 63	126 37 53	107 16.3 65	100 -1.4 67	95 31 62		107 24.5 42	103 83 22			114 19.2 23	91 -0.2 54	87 -1.5 30	112 22.3 54	110 7 23	108 21 23	99 0.76 7	91 -0.43 6	77 -1.00 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	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																															
RG 180100		FCK 130017		110	99	106	91	109	108				113	88	107	99	106	99		103	100		96	108	103	111	110	101	98		
94327558				62	59	68	34	39	49				-0.74	0.41	15	11.3	0.4	40		21.6	73		8.7	-13.6	-4.6	21.9	7	14	0.70		
RG 180100													62	64	34	59	68	54		41	19		21	37	24	56	21	20	5		
RG 180110		RG 150022		94	97	72	100	96	73			86	90	113	99	97	72	72		97	92		97	92	106	93	82	87	89	101	100
88225412		RG 140061		71	72	72	57	52	60			6	1.18	-0.56	6	10.5	-9.3	-24		16.4	44		9.7	-1.5	-5.3	10.2	-9	1	-0.22	0.17	0.29
RG180110													72	66	57	72	72	67		48	26		28	61	36	60	28	28	7	6	6
RG 180119		BOS 144138		107	93	101	93	113	103			85	106	99	105	93	101	90		94	91	93	91	110	104	117	94	88	90	77	60
94328556				61	60	70	29	38	48			8	-0.19	0.00	13	8.2	-1.0	19		14.4	40	-31	6.2	-15.7	-4.9	25.6	-2	2	-0.16	-1.21	-1.99
RG 180119													61	62	29	60	70	53		38	20	6	21	35	24	54	21	20	9	8	8
RG 180122		BOS 144138		89	101	103	100	111	104			90	93	92	98	101	103	103		98	93	90	95	100	122	103	88	90	89	93	98
88225370		RG 130158		72	71	74	52	51	59			8	0.95	0.24	4	12.5	-0.4	49		17.4	47	-29	8.3	-7.5	-8.4	16.9	-6	4	-0.19	-0.29	0.20
RG180122													73	68	52	71	74	66		48	20	6	21	59	36	59	21	21	9	8	8
RG 180123		RG 150022		99	90	91	120	106	100			88	98	102	82	90	91	87		90	95		100	98	116	99	87	90	90	98	93
88225396		RG 140050		67	65	63	43	50	53			6	0.46	-0.14	-13	6.5	-4.0	12		11.4	53		10.9	-6.0	-7.4	14.1	-6	4	-0.15	0.01	-0.11
RG180123													69	62	43	65	63	57		44	26		28	59	33	58	28	28	7	6	6
RG 180125		BOS 144138		95	99	130	92	115	119			98	97	97	104	99	130	120		98	105	108	102	106	121	108	106	104	97	90	88
88225222		RG 130065		70	71	73	52	50	59			8	0.62	0.07	12	11.6	7.1	90		17.6	89	-48	12.1	-12.2	-8.2	20.0	5	17	0.59	-0.48	-0.37
RG180125													71	66	52	71	73	65		46	20	6	21	56	35	58	21	20	9	8	8
RG 180137		RG 140041		99	92	123	111	96	107				101	92	90	92	123	114		89				99	88	106					
88225255		RG 130096		69	69	72	67	47	60				0.24	0.26	-5	7.2	5.2	75		10.7				-6.7	-1.6	18.5					
RG180137													70	65	67	69	72	69		34				55	31	56					
RG 180140		FCK 130017		112	93	118	97	116	119				117	79	100	93	118	106		96	89		93	121	121	99	89	89	90		
88225362		RG 130125		72	72	75	55	52	60				-1.10	0.79	7	7.9	3.6	55		15.9	31		7.4	-24.1	-8.3	14.0	-5	3	-0.17		
RG180140													73	69	55	72	75	67		53	22		24	59	37	61	24	24	5		
RG 180142		FCK 130017		101	100	136	72	97	102				102	95	131	100	136	113		106	102		96	97	95	103	109	103	97		
88224969		RG 110305		70	67	65	43	49	55				0.16	0.12	43	12.4	8.7	73		23.6	79		8.8	-4.9	-3.0	16.6	6	16	0.52		
RG180142													71	66	43	67	65	58		48	19		21	55	33	59	21	20	5		
RG 180145		RG 150022		91	92	95	115	111	100			96	88	111	88	92	95	91		87	102		103	97	130	97	91	98	98	103	105
88225446		RG 140075		71	71	71	50	52	58			6	1.33	-0.47	-7	7.7	-2.9	20		9.0	79		12.8	-5.4	-10.1	13.1	-4	12	0.61	0.30	0.59
RG180145													72	66	50	71	71	64		48	26		28	60	36	61	28	28	7	6	6
RG 180147		FCK 130017		112	100	97	114	106	115				113	91	89	100	97	102		105	94		89	104	101	109	99	93	89		
88224902		RG 070068		71	70	72	53	50	58				-0.78	0.29	-6	12.3	-2.1	47		22.6	49		4.8	-10.9	-4.2	20.6	1	7	-0.25		
RG180147													72	68	53	70	72	65		48	19		21	55	34	60	21	20	5		
RG 180163		BOS 144138		102	100	105	91	104	100			93	105	88	107	100	105	100		99	97	94	87	103	98	109	100	98	94	99	101
88262233		RG 120087		66	64	59	34	46	50			8	-0.08	0.41	15	12.4	0.0	42		18.1	62	-33	3.9	-10.1	-3.6	20.3	1	12	0.25	0.03	0.35
RG180163													68	61	34	64	59	52		44	23	6	25	52	28	57	25	24	9	8	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																														
RG 190003 89509673 RG 190003		RG 160047	108 66	93 62	85 68	118 37	108 33	104 50				109 -0.43 67	92 0.26 63	84 -11 37	93 8.1 62	85 -5.5 68	85 6 56		92 13.2 27	86 20 6		89 5.0 7	113 -17.6 26	104 -4.9 25	104 17.2 48	94 -2 7	84 -2 7			
RG 190005 89509699 RG 190005		RG 160057	89 57	102 62	117 69	94 36	102 37	103 49				91 1.10 56	96 0.09 60	103 11 36	102 13.4 62	117 3.4 69	113 73 56		102 20.5 32	107 98 10		109 16.0 10	108 -13.5 34	94 -2.9 32	106 18.6 46	118 12 10	113 26 10			
RG 190066 89856132 RG19066		RG 150062 RG 120003	91 69	106 68	81 70	97 55	103 49	89 57		95 6		92 1.03 70	100 -0.05 64	102 9 55	106 15.8 68	81 -6.7 70	89 16 64		104 22.0 44	100 71 22		107 14.9 23	105 -11.4 58	96 -3.3 33	108 20.0 56	103 3 23	103 16 23	96 0.41 7	91 -0.41 6	83 -0.69 6
RG 190069 89856595 RG19069		RG 150022 RG 140188	109 70	89 71	75 70	123 55	110 51	100 59		79 6		103 0.12 72	115 -0.66 65	79 -16 55	89 5.9 71	75 -8.5 70	72 -24 65		89 10.3 46	87 25 26		92 6.8 28	111 -15.8 60	112 -6.5 35	103 16.8 57	76 -12 28	82 -4 28	80 -1.07 7	102 0.21 6	101 0.37 6
RG 190075 89853865 RG19075		RG 160132 RG 160096	85 72	101 72	67 74	82 61	112 53	71 61	91 21	67 53	81 8	85 1.62 73	105 -0.25 68	121 32 61	101 12.4 72	67 -10.6 74	66 -38 69		102 20.3 48	87 25 37		97 9.4 41	99 -6.9 61	118 -7.6 39	110 20.7 58	90 -4 41	86 0 40	80 -1.13 8	97 -0.06 7	86 -0.52 7
RG 190077 89853915 RG19077		RG 160132 RG 160147	86 72	102 71	82 71	93 61	115 53	89 60	93 21	84 52	84 8	87 1.45 73	101 -0.08 68	107 15 61	102 13.5 71	82 -6.5 71	83 3 68		104 21.9 48	90 36 37		100 11.2 41	106 -12.0 61	118 -7.7 39	110 21.2 58	95 -2 41	90 4 40	82 -0.95 8	97 -0.05 7	86 -0.50 7
RG 190087 89853832 RG19087		RG 160132 RG 160084	90 71	102 71	62 72	91 60	110 53	75 60	92 21	71 52	83 8	88 1.37 72	110 -0.46 66	110 18 60	102 13.0 71	62 -12.1 72	66 -39 68		102 20.6 48	89 31 37		99 10.5 41	99 -6.9 62	115 -7.1 38	108 20.0 58	93 -3 41	89 3 40	81 -1.01 8	97 -0.06 7	86 -0.52 7
RG 190089 89855852 RG19089		RG 140041 RG 080191	97 68	96 67	121 66	89 52	96 47	96 56				102 0.15 70	84 0.59 63	109 17 52	96 9.9 67	121 4.6 66	108 60 62		93 13.6 35			97 -5.0 55	93 -2.7 29	102 15.9 56						
RG 190092 89856033 RG19092		RG 150062 RG 110022	89 69	106 68	102 67	92 45	95 48	90 55		104 6		92 1.04 70	94 0.18 64	106 14 45	106 15.4 68	102 -1.0 67	103 49 60		100 18.7 44	110 108 22		117 21.0 23	101 -7.9 57	87 -1.5 29	102 16.3 57	112 8 23	111 24 23	104 1.26 7	97 -0.06 6	88 -0.36 6
RG 190101 89855803 RG19101		RG 140041 RG 110031	106 68	89 67	118 66	101 52	98 47	101 56				108 -0.31 70	91 0.31 63	97 3 52	89 5.9 67	118 3.7 66	103 50 62		87 9.2 34			100 -7.1 56	93 -2.6 28	104 17.6 57						
RG 190102 89856090 RG19102		RG 140041 RG 120208	96 70	102 70	115 73	81 68	108 48	102 61				100 0.30 71	88 0.43 66	119 29 68	102 13.1 70	115 2.9 73	104 52 70		100 19.2 36			103 -9.5 57	107 -5.4 33	110 20.9 55						
RG 190108 89856181 RG19108		RG 140041 RG 120072	97 70	91 68	129 67	90 54	103 48	102 57				106 -0.17 71	73 1.02 66	106 14 54	91 6.8 68	129 6.8 67	110 65 63		89 10.2 34			107 -13.1 55	88 -1.6 32	113 22.9 56						

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																													
RG 190112		RG 150062	88	110	70	87	102	78			99	89	100	114	110	70	79	107	102		108	99	105	103	103	105	98	97	97
89856355		RG 130173	72	70	68	50	52	58			6	1.26	-0.05	23	18.1	-9.9	-7	24.3	81		15.4	-6.8	-5.0	16.4	3	19	0.62	-0.06	0.11
RG19112												73	68	50	70	68	63	47	22		23	59	37	59	23	23	7	6	6
RG 190114		RG 140041	89	98	123	96	85	91				94	89	101	98	123	115	98				79	83	102					
90381138		RG 130185	69	70	67	37	48	54				0.85	0.40	8	11.2	5.1	78	17.4				8.8	-0.6	16.2					
RG19114												71	64	37	70	67	58	42				57	31	57					
RG 190115		RG 150062	77	113	95	81	92	78			107	81	95	121	113	95	99	109	110		116	94	83	105	115	115	106	93	87
89855860		RG 080218	68	69	70	54	49	57			6	1.94	0.13	32	19.9	-2.9	40	26.0	110		20.0	-3.1	-0.6	18.0	10	28	1.42	-0.28	-0.45
RG19115												70	63	54	69	70	64	44	22		23	57	33	57	23	23	7	6	6
RG 190119		RG 150062	85	106	84	91	102	83			89	87	97	109	106	84	87	102	95		103	108	98	102	98	97	91	90	80
89855878		RG 100004	71	71	74	54	50	59			6	1.39	0.06	18	15.4	-5.9	12	20.8	54		12.5	-13.5	-3.7	16.1	0	11	-0.07	-0.47	-0.81
RG19119												72	67	54	71	74	66	48	22		23	58	36	57	23	23	7	6	6
RG 190131	1	RG 160132	82	105	63	98	123	88	100	85	93	79	123	102	105	63	73	106	98		101	118	120	115	104	102	90	100	100
89853923		RG 160162	71	71	72	62	52	60	22	52	8	2.05	-0.98	9	15.2	-11.8	-22	23.6	64		11.8	-21.6	-8.2	24.3	4	15	-0.12	0.10	0.31
RG19131												72	66	62	71	72	68	48	38		41	61	37	57	42	41	8	7	7
RG 190149		RG 160026	87	119	107	83	125	121			112	92	89	117	119	107	115	125	111		114	108	136	113	112	116	111	114	109
89853675		RG 150052	70	71	70	57	49	59			6	1.01	0.39	27	23.2	0.4	78	38.3	114		19.0	-14.0	-11.3	23.1	9	28	1.93	0.90	0.78
RG19149												72	65	57	71	70	66	50	22		23	59	33	55	23	23	7	6	6
RG 190153		RG 140041	91	100	114	98	102	102				95	90	99	100	114	111	97	94		94	111	89	107	97	94			
89853667		RG 150026	70	71	71	52	50	58				0.72	0.35	6	12.3	2.5	67	16.9	49		7.6	-16.0	-1.8	19.1	0	7			
RG19153												72	64	52	71	71	65	42	6		7	60	33	58	7	7			
RG 190159		RG 150062	73	114	112	74	84	76			114	74	102	131	114	112	108	110	118		116	81	81	101	123	122	114	92	93
89856066		RG 110038	68	68	69	54	48	57			6	2.47	-0.12	42	20.0	2.0	62	26.8	137		20.5	7.5	-0.2	15.7	15	35	2.26	-0.36	-0.10
RG19159												70	63	54	68	69	64	46	22		23	56	33	56	23	23	7	6	6
RG 190161		RG 150062	81	114	67	97	96	77			105	82	103	103	114	67	85	110	111	103	110	94	90	107	107	108	107	101	103
91944181		RG 140101	70	70	70	56	52	59			8	1.87	-0.19	11	20.2	-10.6	6	26.6	113	-42	16.8	-3.1	-2.1	19.3	5	21	1.52	0.15	0.46
RG19161												72	64	56	70	70	65	48	25	5	27	62	36	59	27	26	9	8	8
RG 190163		RG 160026	91	118	103	80	123	117			118	90	105	122	118	103	110	123	122	116	119	108	136	110	126	125	117	110	109
91623827		RG 150154	72	72	73	60	52	61			8	1.16	-0.24	32	22.8	-0.6	65	36.5	151	-56	22.1	-14.1	-11.3	20.9	17	37	2.52	0.71	0.82
RG19163												73	68	60	72	73	68	52	25	5	27	61	38	58	27	26	9	8	8
RG 190188		RG 140041	90	100	128	85	94	96				97	81	114	100	128	114	97				83	103	99					
89856108		RG 120209	68	67	69	67	46	58				0.59	0.71	23	12.0	6.4	76	16.9				5.6	-4.8	13.9					
RG19188												70	63	67	67	69	68	38				54	30	55					
RG 190191			102	85	112							106	88		85	112		84						106					
95307179			43	34	50							-0.15	0.41		3.6	1.9		7.0						18.8					
RG 190191												42	47		34	50		12						31					

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																														
RG 190192 91623843 RG19192		RG 160026	RG 160013	89 70	106 71	103 70	84 62	112 51	99 60			101 6	91 1.11 72	97 0.06 65	116 25 62	106 15.6 71	103 -0.7 70	100 42 68	110 26.6 51	104 88 22		108 15.9 23	109 -14.5 61	114 -6.9 36	106 18.5 57	108 6 23	108 21 23	100 0.84 7	104 0.33 6	99 0.25 6
RG 190195 89855969 RG19195		RG 150062	RG 110008	97 68	104 66	69 66	103 44	90 47	76 54			89 6	97 0.57 70	99 -0.02 63	97 3 44	104 14.2 66	69 -10.2 66	77 -12 59	100 19.0 42	94 51 22		102 12.1 23	104 -10.8 52	73 1.4 32	102 16.3 58	97 0 23	96 10 23	90 -0.12 7	90 -0.48 6	80 -0.83 6
RG 190200 89853709 RG19200		RG 160026	RG 150078	103 70	99 66	76 66	77 56	108 48	77 56			87 6	105 -0.09 71	90 0.33 65	129 40 56	99 11.4 66	76 -8.1 66	69 -31 63	101 19.8 46	91 41 22		100 11.0 23	99 -6.8 52	108 -5.6 35	111 21.5 56	99 1 23	95 9 23	88 -0.30 7	97 -0.07 6	83 -0.64 6
RG 190201 90381120 RG19201		RG 150012	RG 130095	107 68	86 66	111 63	110 38	93 39	97 51				106 -0.19 70	100 -0.06 61	91 -3 38	86 4.2 66	111 1.6 63	97 34 56	86 8.4 38	88 30 6		93 7.4 7	114 -18.4 34	77 0.5 28	97 12.8 56	97 0 7	91 5 7			
RG 190204 90371568 RG19204		RG 150062	RG 110296	93 70	110 64	104 57	82 36	77 44	78 51			117 6	93 0.92 71	101 -0.08 65	119 29 36	110 18.2 64	104 -0.3 57	104 51 52	107 24.6 39	121 150 22		127 26.2 23	84 4.8 41	72 1.6 32	92 10.0 58	121 14 23	124 36 23	115 2.37 7	98 0.01 6	98 0.16 6
RG 190210 89855886 RG19210		RG 150012	RG 100006	95 68	86 66	114 64	88 39	79 38	70 51				99 0.41 70	89 0.38 62	110 18 39	86 4.0 66	114 2.6 64	91 21 56	86 7.9 36	79 -3 6		86 3.3 7	95 -3.7 30	63 3.3 28	96 12.3 56	90 -4 7	82 -4 7			
RG 200014 90341611 RG 200014		RG 150062	RG 120082	70 67	121 67	83 68	71 55	92 47	69 56			110 6	78 2.20 69	86 0.48 62	138 50 55	121 24.4 67	83 -6.2 68	92 23 63	116 31.6 44	113 118 22		118 21.1 23	91 -0.3 53	84 -0.8 32	108 19.9 56	118 12 23	118 30 23	108 1.68 7	94 -0.25 6	88 -0.38 6
RG 200021 90341744 RG 200021		RG 160026	RG 160018	93 69	104 67	122 68	74 58	114 47	106 57			103 6	95 0.74 70	95 0.15 64	129 40 58	104 14.4 67	122 4.9 68	107 60 64	108 25.3 47	106 94 22		112 18.1 23	106 -11.9 54	110 -6.1 35	116 25.0 53	115 10 23	112 25 23	102 1.04 7	100 0.10 6	89 -0.31 6
RG 200024 90341546 RG 200024		RG 150062	RG 110258	94 70	104 67	94 66	82 55	91 48	78 57			98 6	91 1.07 71	110 -0.46 65	120 30 55	104 14.6 67	94 -3.2 66	90 18 63	102 20.7 44	103 82 22		109 16.3 23	96 -4.3 54	77 0.6 32	108 19.5 57	106 5 23	106 19 23	98 0.67 7	92 -0.38 6	84 -0.63 6
RG 200031 90341728 RG 200031		RG 160026	RG 150162	94 70	104 69	97 72	83 66	108 47	93 60			96 6	95 0.76 71	97 0.05 66	118 28 66	104 14.7 69	97 -2.1 72	94 27 69	107 24.8 48	100 73 22		105 14.0 23	83 5.5 54	118 -7.7 32	113 23.2 54	107 6 23	104 17 23	96 0.43 7	99 0.04 6	89 -0.32 6
RG 200040 91488007 20040		RG 160026	RG 180002	83 70	107 71	109 70	83 59	118 50	105 59			98 6	85 1.54 72	97 0.05 65	117 27 59	107 16.3 71	109 1.1 70	106 55 67	111 27.7 52	102 79 23		107 15.0 24	111 -15.9 59	122 -8.4 35	109 20.6 57	101 2 25	105 18 24	98 0.68 7	104 0.34 6	100 0.30 6
RG 200044 91487934 20044	13	RG 160026	RG 170151	85 70	121 70	95 67	65 53	122 52	102 58			113 10	84 1.64 72	106 -0.30 65	145 59 53	121 24.0 70	95 -2.9 67	97 35 63	126 38.9 52	115 127 31		121 23.1 33	111 -15.9 61	135 -11.2 38	106 18.7 57	113 9 33	119 31 32	113 2.14 10	112 0.80 9	111 0.93 9

Breeding Values and Accuracies: Cows

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

Inbreeding in red is high			Value <80				Value >120				Breeding values with an accuracy < 5% are not printed																			
Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
RG 200065 96638499 RG 200065		RG 160132 RG 070237	90 67	96 58	69 63	95 50	99 47	68 52	91 21	64 46	84 6	88 1.33 69	109 -0.40 61	105 13 50	96 9.8 58	69 -10.1 63	67 -36 57	96 16.1 41	89 32 37		100 11.3 40	93 -1.7 54	102 -4.6 31	104 17.0 55	98 0 40	92 6 39	82 -0.97 7	93 -0.31 6	79 -0.88 6	
RG 200066 91487900 20066		RG 160026 RG 170110	86 69	110 70	106 67	74 50	113 50	97 57			103 6	92 0.99 71	86 0.51 62	131 43 50	110 17.7 70	106 0.3 67	100 42 62	114 29.6 51	106 94 22		115 19.6 23	91 -0.7 60	125 -9.1 35	111 21.7 55	117 11 23	111 24 23	102 1.00 7	104 0.35 6	98 0.19 6	
RG 200067 95307302 RG 200067		RG 120053 RG 160106	80 69	111 70	129 67	88 49	115 51	119 57				83 1.77 71	98 0.01 62	109 18 49	111 18.3 70	129 6.7 67	128 109 62	112 28.2 46	106 94 6		99 10.8 7	126 -27.8 59	111 -6.3 33	101 15.6 60	106 5 7	107 20 7				
RG 200069 95307559 RG 200069			103 48	86 25	117 38							106 -0.13 47	91 0.31 52		86 3.8 25	117 3.4 38							105 17.9 32							
RG 200077 91487868 20077		RG 160026 RG 170078	82 70	110 71	129 71	64 58	120 51	109 59			105 6	86 1.51 72	94 0.16 65	145 59 58	110 17.7 71	129 6.8 71	111 68 67	116 31.1 52	109 104 22		112 18.0 23	104 -10.8 60	133 -10.6 36	109 20.4 56	113 9 23	114 26 23	103 1.17 7	105 0.37 6	101 0.33 6	
RG 200085 91487793 20085	4	RG 160026 RG 170036	98 69	103 69	95 63	94 52	114 50	103 56			91 10	99 0.42 71	96 0.12 63	104 12 52	103 14.0 69	95 -2.9 63	95 31 61	106 24.0 48	95 53 25		98 10.2 26	113 -17.6 60	109 -5.8 34	112 22.0 56	96 -1 26	98 12 26	95 0.32 10	106 0.43 9	107 0.69 9	
RG 200087 91627984 20087		JAN 155002 RG 130158	99 71	106 70	71 68	147 47	115 52	124 57			89 16	100 0.37 72	99 -0.02 66	45 -55 47	106 15.5 70	71 -9.4 68	109 64 62	106 23.7 50	93 48 28	80 -18 6		98 9.9 30	118 -21.9 61	106 -5.3 36	112 22.1 58	99 1 30	96 10 30	92 0.02 16	87 -0.64 15	100 0.31 14
RG 200090 91628016 20090		JAN 155002 RG 110022	99 69	109 68	104 68	94 46	119 48	118 55			102 16	98 0.50 71	102 -0.13 64	104 12 46	109 17.3 68	104 -0.4 68	109 63 61	108 25.3 48	107 99 28	101 -40 6		109 16.2 30	126 -27.5 58	111 -6.2 30	111 21.9 56	112 8 30	109 22 30	104 1.20 16	87 -0.67 15	102 0.42 14
RG 200091 91486696 20091		RG 150062 RG 140188	80 70	113 68	85 63	94 41	100 50	88 54			100 6	84 1.63 72	92 0.28 65	105 13 41	113 19.9 68	85 -5.5 63	98 38 57	110 26.7 43	104 87 22		110 16.6 23	100 -7.4 60	97 -3.4 35	105 17.9 56	106 5 23	108 21 23	98 0.61 7	97 -0.07 6	96 0.07 6	
RG 200099 91628032 20099		JAN 155002 RG 150052	95 71	116 71	100 71	100 54	130 49	132 59			105 16	96 0.67 72	97 0.08 66	98 5 54	116 21.4 71	100 -1.3 71	117 82 65	119 33.7 48	108 101 28	98 -37 6		106 14.3 30	128 -29.6 58	121 -8.3 34	122 28.6 55	111 8 30	111 24 30	106 1.43 16	93 -0.29 15	108 0.77 14
RG 200104 91487025 20104		RG 150062 RG 120072	76 66	117 67	99 63	78 39	92 48	82 53			112 6	80 2.04 68	96 0.11 59	125 35 39	117 22.1 67	99 -1.6 63	105 53 56	112 28.4 44	114 122 22		119 21.9 23	92 -0.9 58	75 0.9 30	116 24.7 56	119 12 23	119 31 23	110 1.82 7	95 -0.18 6	91 -0.21 6	
RG 200106 95431847 RG200106		RG 150062	89 51	107 47	84 42	86 36	99 39				98 6	93 0.95 52	92 0.27 48	115 24 36	107 15.9 47	84 -6.0 42	86 9 42	103 21.7 36	104 85 22		111 17.4 23	98 -5.8 41	84 -0.9 25	116 24.7 51	110 7 23	106 19 23	103 1.11 7	82 -0.95 6	60 -1.95 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	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																															
RG 200115 91487736 20115		RG 150062	RG 160143	101 69	107 70	55 67	102 56	92 50	74 58			91 8	100 0.30 71	100 -0.05 63	98 5 56	107 16.1 70	55 -14.0 67	69 -31 64		105 22.7 46	98 63 24		100 10.9 25	84 4.9 60	85 -1.1 32	111 21.8 58	94 -2 25	95 9 25	93 0.13 8	96 -0.14 7	89 -0.31 7
RG 200125 91487173 20125		RG 120053	RG 140132	82 70	107 70	100 67	98 55	100 51	94 58				80 1.95 72	109 -0.42 64	100 7 55	107 16.2 70	100 -1.3 67	106 57 64		108 25.4 46	97 62 11		87 3.4 12	102 -8.8 59	94 -2.8 34	105 18.1 60	101 2 12	96 10 12			
RG 200126 91628040 20126		JAN 155002	RG 140129	102 65	105 66	115 66	79 44	119 49	115 54			104 16	96 0.70 67	119 -0.80 60	122 33 44	105 15.3 66	115 2.7 66	106 56 59		106 23.7 46	109 105 28	100 -39 6	107 15.4 30	122 -24.4 57	114 -6.9 34	112 22.0 55	120 13 30	114 27 30	104 1.20 16	94 -0.23 15	102 0.44 14
RG 200128 91942805 RG 200128		RG 150062	RG 150005	88 70	114 63	66 65	97 57	103 51	84 56			96 7	91 1.11 72	94 0.18 64	103 10 57	114 20.0 63	66 -11.1 65	83 3 62		110 26.9 44	100 71 23		104 13.6 24	111 -16.3 58	92 -2.4 36	106 18.8 59	95 -1 24	99 13 24	98 0.70 7	94 -0.24 7	94 -0.04 6
RG 200130 91628073 20130		JAN 155002	RG 140067	98 70	103 69	83 68	89 54	119 49	97 57			82 16	99 0.40 71	96 0.12 66	111 19 54	103 13.6 69	83 -6.1 68	83 3 64		104 22.5 48	88 27 28	79 -16 6	92 6.5 30	128 -29.6 59	98 -3.7 34	120 27.0 55	95 -1 30	90 4 30	85 -0.64 16	82 -0.92 15	88 -0.37 14
RG 200131 91628107 20131			RG 150018	94 60	100 59	98 58	84 62	100 36	84 51				92 0.96 62	105 -0.25 54	117 26 62	100 12.1 59	98 -2.1 58	90 18 60		102 20.5 26			98 -6.3 46	98 -3.7 21	104 17.0 40						
RG 200149 91943779 20149			RG 120208	98 57	88 58	101 58	123 40	78 35	85 46				100 0.33 59	93 0.21 49	79 -17 40	88 5.1 58	101 -1.2 58	95 31 52		87 8.7 26			76 10.9 48	69 2.2 17	105 17.9 40						
RG 200170 91487892 20170		RG 160026	RG 170099	91 69	118 69	100 63	78 52	120 50	112 56			109 7	95 0.77 71	91 0.29 63	125 35 52	118 22.6 69	100 -1.5 63	106 56 61		126 39.2 52	112 116 24		111 17.6 25	108 -13.8 60	130 -10.0 34	110 20.8 55	114 9 25	115 28 25	108 1.68 7	111 0.77 7	108 0.75 7
RG 210006 91834408 21 006		JAN 155002	RG 110265	100 69	114 64	90 58	82 37	109 48	100 51			110 16	95 0.73 70	113 -0.57 65	121 31 37	114 20.2 64	90 -4.4 58	96 32 53		112 28.7 46	113 121 28	103 -42 6	114 18.9 30	104 -10.9 56	108 -5.7 33	110 21.0 55	120 13 30	119 32 30	110 1.87 16	91 -0.41 15	106 0.66 14
RG 210039 93006260 21 039		RG 180016	RG 180137	89 64	107 66	91 58	88 44	96 43	84 51			95 6	90 1.18 67	100 -0.07 53	112 20 44	107 16.2 66	91 -4.0 58	93 27 56		106 23.5 40	99 69 22		110 16.6 23	89 1.1 55	93 -2.7 23	108 20.0 50	103 3 23	103 16 23	94 0.25 7	93 -0.32 6	81 -0.77 6
RG 210044 93006328 21 044		RG 160026	RG 180176	96 69	96 70	106 67	113 58	122 49	120 58			89 6	100 0.32 71	87 0.48 62	89 -5 58	96 10.1 70	106 0.1 67	104 52 65		97 16.9 50	94 49 22		99 10.7 23	124 -26.1 58	121 -8.3 33	108 19.9 55	95 -1 23	95 9 23	89 -0.23 7	104 0.33 6	99 0.25 6
RG 210045 93006146 21 045	6	RG 160026	RG 180054	88 68	110 67	87 60	80 51	114 49	92 55			100 8	89 1.25 70	101 -0.09 61	123 34 51	110 17.9 67	87 -4.9 60	90 17 59		113 28.9 52	104 88 26		111 17.2 27	107 -13.3 59	116 -7.3 33	109 20.5 56	99 1 27	104 18 27	101 0.96 8	111 0.72 7	106 0.66 7

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																															
RG 210052		RG 150062	80	111	94	74	98	78			105	85	91	132	111	94	93		107	108		113	92	97	107	111	113	102	99	99	
93012011		RG 140004	67	67	66	59	44	56			6	1.61	0.29	43	18.7	-3.1	25		24.1	103		18.5	-1.6	-3.4	19.1	8	26	1.02	0.03	0.26	
21 052												69	61	59	67	66	64		40	22		23	46	31	56	23	23	7	6	6	
RG 210053		RG 180038	84	124	116	76	106	110				89	89	127	124	116	122		126	119		117	103	100	113	120	122				
93012144		RG 150123	67	68	64	52	38	54				1.23	0.37	38	25.7	3.0	93		39.4	142		20.8	-9.9	-4.0	22.7	13	34				
21 053												70	58	52	68	64	61		41	13		13	36	25	53	13	13				
RG 210067		RG 160026	82	118	96	73	112	96			113	87	92	133	118	96	100		121	114		123	98	117	113	117	120	111	108	101	
93006195	6	RG 180093	68	68	66	59	48	57			8	1.45	0.27	44	22.6	-2.5	43		35.6	124		24.0	-6.2	-7.4	22.7	11	32	1.98	0.57	0.36	
21 067												70	61	59	68	66	64		49	25		26	58	33	54	26	26	8	7	7	
RG 210079		RG 180016	85	111	90	88	115	99			103	85	104	112	111	90	97		110	107		115	108	116	110	106	110	102	96	90	
93006252		RG 180125	66	67	64	54	45	55			8	1.54	-0.21	21	18.7	-4.2	35		27.1	97		19.5	-14.0	-7.3	21.2	5	22	1.05	-0.10	-0.27	
21 079												69	57	54	67	64	62		42	24		25	55	28	52	25	25	8	8	7	
RG 210082		RG 150062	85	117	68	97	105	88			110	86	103	103	117	68	88		111	111		113	100	107	104	114	117	110	100	96	
93011880		RG 140109	68	68	63	49	47	55			6	1.53	-0.18	10	21.7	-10.4	15		27.5	111		18.3	-7.3	-5.6	17.5	9	30	1.84	0.11	0.05	
21 082												70	60	49	68	63	60		46	22		23	55	29	56	23	23	7	6	6	
RG 210091		RG 180038	95	119	107	80	108	110				101	81	121	119	107	114		122	113		114	95	114	109	114	116				
93011435		RG 180037	64	66	56	37	38	49				0.24	0.69	31	23.0	0.6	74		36.2	118		18.9	-3.7	-6.9	20.1	10	29				
21 091												67	52	37	66	56	53		43	15		17	48	17	50	17	16				
RG 210092		VOVA170172	82	119	112	88	117	119	110	115	117	81	108	110	119	112	123		118	118	113		133	129	105	109	107	115	117	99	110
93012383		RG 170067	69	70	65	58	48	57	22	50	10	1.87	-0.37	19	23.3	1.9	97		32.9	136	-53	29.8	-30.4	-5.1	20.6	5	27	2.51	0.06	0.88	
21 092												71	62	58	70	65	64		52	34	6	46	56	32	56	47	46	11	10	10	
RG 210097	3	JAN 155002	110	105	65	88	117	93	105	90	98	103	119	113	105	65	70		108	103	86		107	132	100	111	98	104	101	97	111
93015345		RG 160006	68	62	64	51	47	54	22	48	16	0.12	-0.82	22	15.0	-11.3	-28		25.4	83	-24	15.2	-32.2	-4.2	21.8	0	17	0.93	-0.08	0.93	
21 097												70	62	51	62	64	59		46	36	7	38	51	33	56	38	37	17	16	15	
RG 210104	1	RG 150062	83	122	76	87	93	81			112	86	94	114	122	76	96		119	117		114	78	98	106	116	119	113	99	107	
93011906		RG 140131	68	68	64	50	49	55			8	1.46	0.19	23	24.6	-8.1	31		34.0	135		19.2	9.7	-3.7	18.6	11	32	2.11	0.07	0.67	
21 104												70	60	50	68	64	61		46	24		25	59	32	57	25	25	8	7	7	
RG 210107		JAN 155002	103	102	82	96	119	103			85	101	104	103	102	82	84		103	91	83		95	124	104	119	99	93	88	83	90
93015386		RG 140067	66	59	64	46	43	51			16	0.24	-0.22	11	13.4	-6.5	5		21.0	38	-20	8.0	-26.3	-4.8	26.6	1	7	-0.34	-0.89	-0.30	
21 107												68	61	46	59	64	56		43	28	6	30	47	28	53	30	30	16	15	14	
RG 210112		JAN 155002	103	108	80	89	126	107			97	102	102	111	108	80	85		108	103	93		103	136	109	119	107	103	99	90	103
93015394		RG 160047	69	69	69	58	50	58			16	0.16	-0.13	20	16.5	-7.2	8		25.5	81	-31	12.9	-35.2	-5.8	26.3	5	16	0.75	-0.50	0.45	
21 112												71	64	58	69	69	65		48	29	6	31	59	33	57	31	30	16	15	14	
RG 210123		JAN 155002	113	102	65	93	114	93			79	110	105	108	102	65	70		103	86	74		89	116	102	117	89	85	83	86	94
93016731		RG 160147	70	69	69	56	47	57			16	-0.46	-0.24	16	13.4	-11.1	-29		21.5	20	-11	5.0	-19.8	-4.5	25.3	-5	-1	-0.81	-0.68	-0.04	
21 123												71	65	56	69	69	65		48	29	6	31	51	34	57	31	30	16	15	14	

Breeding Values and Accuracies: Cows

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

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
RG 210124 93016723 21 124	1	JAN 155002 RG 140140	108 69	105 68	89 61	101 44	125 50	119 54			99 16	101 0.24 71	117 -0.72 63	98 4 44	105 15.0 68	89 -4.4 61	96 32 58		108 25.3 50	105 89 29	93 -31 6	98 10.1 32	127 -28.4 59	117 -7.4 32	117 25.1 58	107 5 32	105 18 31	102 1.09 16	94 -0.26 15	114 1.07 14
RG 210140 93016772 21 140	1	JAN 155002 RG 150125	97 68	115 67	68 64	116 50	120 46	115 55			94 16	93 0.95 70	113 -0.57 62	88 -6 50	115 20.9 67	68 -10.3 64	93 26 60		116 31.6 49	97 63 29	83 -20 6	100 11.3 31	139 -38.0 51	99 -3.8 31	114 23.6 56	95 -1 31	98 11 30	100 0.82 16	89 -0.55 15	106 0.65 14
RG 210142 93016947 21 142		JAN 155002 RG 130184	105 68	102 64	100 58	95 35	115 41	110 50			95 16	103 0.12 69	104 -0.21 64	103 11 35	102 13.1 64	100 -1.5 58	98 38 52		103 21.4 41	101 74 28	93 -31 6	105 14.1 30	117 -21.1 42	107 -5.6 26	112 22.2 55	110 7 30	104 18 30	97 0.55 16	88 -0.60 15	99 0.22 14
RG 210144 93016798 21 144	3	JAN 155002 RG 150133	103 68	113 67	53 64	87 51	119 47	89 55	103 22	87 48	98 16	97 0.58 70	116 -0.69 61	116 25 51	113 19.4 67	53 -14.6 64	68 -33 61		114 30.0 50	102 81 36	87 -25 7	112 17.9 38	129 -29.9 52	106 -5.3 33	112 22.3 57	99 1 38	105 18 37	101 0.94 17	97 -0.06 16	109 0.78 15
RG 210147 93016764 21 147	1	JAN 155002 RG 150005	98 68	114 59	88 57	88 44	116 47	106 51			101 16	96 0.68 70	107 -0.33 61	112 21 44	114 20.0 59	88 -4.7 57	98 37 53		115 30.3 46	105 90 29	96 -35 6	105 13.7 31	122 -24.7 52	105 -5.1 32	112 22.0 57	107 5 31	107 20 30	104 1.23 16	89 -0.56 15	107 0.67 14
RG 210149 93016806 21 149	1	JAN 155002 RG 150174	94 70	120 68	100 65	83 50	109 48	109 56			114 16	90 1.16 71	115 -0.64 65	118 28 50	120 23.6 68	100 -1.5 65	110 67 61		119 34.0 46	116 131 29	107 -47 6	114 19.3 31	111 -15.9 52	96 -3.3 35	116 24.8 58	121 13 31	122 34 30	116 2.45 16	91 -0.41 15	116 1.22 14
RG 210162 93006443 21 162		VOVA170172 RG 170099	98 68	111 68	119 60	93 46	105 42	117 53			107 8	98 0.50 70	100 -0.05 59	104 12 46	111 18.5 68	119 3.8 60	123 97 58		113 28.8 53	109 105 28	108 -48 6	113 18.4 42	100 -7.1 46	105 -5.1 26	107 19.1 53	101 2 42	103 16 41	107 1.55 9	102 0.20 8	112 0.99 8
RG 210166 93006575 21 166		VOVA170172 RG 180002	89 69	106 68	111 60	89 47	107 45	103 54			97 8	89 1.23 71	102 -0.15 61	109 18 47	106 15.5 68	111 1.6 60	109 63 58		104 22.5 51	100 73 27	101 -41 5	111 17.6 41	117 -20.6 55	98 -3.7 25	104 17.6 56	93 -3 42	95 9 40	98 0.64 8	87 -0.63 7	98 0.20 7
RG 210170 93006559 21 170		VOVA170172 RG 170169	83 67	107 67	121 59	102 45	95 42	106 52			105 8	88 1.34 69	90 0.33 58	95 2 45	107 16.4 67	121 4.6 59	127 105 57		108 25.1 51	108 101 26	109 -49 5	117 20.8 40	99 -6.8 46	85 -1.1 25	105 17.9 54	99 1 41	103 16 39	105 1.35 8	89 -0.55 7	102 0.40 7
RG 210173 93016780 21 173	1	JAN 155002 RG 160062	99 68	123 68	84 64	71 47	122 48	108 55	115 20	106 48	115 16	96 0.64 70	109 -0.40 61	137 50 47	123 25.3 68	84 -5.9 64	94 29 60		122 36.0 49	117 135 29	108 -47 7	113 18.4 32	120 -23.5 59	120 -8.0 30	113 23.0 55	123 15 32	123 35 31	115 2.33 16	94 -0.22 15	115 1.13 14
RG 210178 93006344 21 178		RG 160026 RG 190005	87 65	110 67	94 61	77 49	114 47	94 54			105 7	90 1.14 67	94 0.19 57	128 39 49	110 17.9 67	94 -3.1 61	93 25 59		114 29.6 48	108 102 23		113 18.6 24	107 -12.7 55	116 -7.3 33	109 20.5 52	112 8 24	113 26 23	104 1.28 7	107 0.49 7	111 0.94 6
RG 210199 93012193 21 199		RG 180038 RG 150176	94 60	107 61	104 49	87 22	100 26	96 41				98 0.49 64	89 0.37 47	113 21 22	107 16.3 61	104 -0.3 49	104 50 44		109 26.1 28	103 84 11		108 15.8 12	92 -1.2 23	101 -4.3 11	108 19.5 44	111 8 12	107 20 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																														
RG 210209 93016830 21 209		JAN 155002 RG 120072	105 66	107 67	89 65	88 46	121 46	109 54			101 16	102 0.15 68	105 -0.26 61	112 21 46	107 16.3 67	89 -4.5 65	92 23 59	106 23.7 43	104 88 28	97 -36 6	107 15.4 30	129 -29.8 57	102 -4.4 28	122 28.4 52	114 9 30	109 21 30	102 1.06 16	89 -0.55 15	103 0.44 14	
RG 220021 95307534 RG 220021		RG 150022 RG 130149	112 65	87 52	81 52	115 36	104 40	94 45			87 6	105 -0.06 67	120 -0.85 58	88 -6 36	87 4.9 52	81 -6.9 52	72 -23 47	88 9.7 40	94 50 26		99 10.4 28	99 -6.5 43	105 -5.2 24	106 18.2 53	86 -7 28	89 3 28	89 -0.22 7	98 0.00 6	92 -0.13 6	
RG 220030 94661261 22 030	1	JAN 155002 RG 170098	104 68	121 69	83 64	85 45	113 47	109 54	114 20	107 47	112 16	99 0.40 70	112 -0.54 60	117 26 45	121 24.2 69	83 -6.2 64	99 40 59	121 35.2 50	114 124 29	103 -43 7	109 16.4 32	117 -20.4 59	102 -4.4 28	114 23.6 55	118 12 32	119 31 31	113 2.16 16	96 -0.13 15	115 1.12 14	
RG 220031 94662285 22 031		RG 160026 RG 130096	99 65	99 65	92 61	86 48	110 40	91 52			85 6	103 0.06 67	86 0.52 57	115 24 48	99 11.5 65	92 -3.7 61	85 7 58	102 20.9 46	89 33 22		98 10.0 23	103 -9.9 42	109 -5.9 26	110 21.2 52	96 -1 23	93 6 23	86 -0.50 7	97 -0.09 6	83 -0.69 6	
RG 220032 94662509 22 032		RG 160026 RG 150063	81 64	115 62	105 54	75 38	108 44	96 49			110 6	91 1.11 66	75 0.92 57	130 41 38	115 20.8 62	105 0.1 54	105 51	118 32.7 48	112 116 22		117 21.1 23	90 0.2 56	118 -7.7 26	109 20.5 50	122 14 23	120 32 23	108 1.64 7	101 0.17 6	92 -0.16 6	
RG 220036 94650082 22 036		VOVA170172 RG 190068	80 66	126 68	97 59	78 48	115 47	107 53	112 21	105 47	118 8	81 1.91 69	103 -0.17 57	125 36 48	126 26.9 68	97 -2.2 59	111 68 58	125 38.6 52	119 140 32	115 -55 6	129 27.7 45	115 -19.3 59	115 -7.1 27	106 18.6 54	114 9 46	117 29 44	115 2.33 9	98 -0.01 8	113 1.01 8	
RG 220037 94650249 22 037		VOVA170172 RG 190131	90 67	106 68	90 59	123 48	114 45	116 53	99 21	111 47	98 8	88 1.34 69	108 -0.37 58	79 -16 48	106 15.8 68	90 -4.3 59	107 58 58	106 23.6 52	101 76 32	95 -33 6	113 18.6 45	119 -22.6 58	105 -5.2 26	111 21.7 52	95 -2 46	96 10 44	98 0.61 9	94 -0.24 8	107 0.69 8	
RG 220040 94650181 22 040	13	RG 190127 RG 190094	106 63	84 65	70 55	137 45	107 42	96 50			74 5	100 0.35 67	122 -0.94 51	61 -37 45	84 2.7 65	70 -9.9 55	67 -37 55	84 7.0 41	83 9 19		86 3.4 20	117 -20.9 55	95 -3.1 22	106 18.6 49	68 -17 20	74 -11 20	79 -1.26 5	98 -0.04 5		
RG 220045 94650348 22 045		VOVA170172 RG 190192	89 66	107 68	109 59	96 49	109 45	108 53			99 8	91 1.12 69	97 0.06 57	102 9 49	107 16.0 68	109 1.1 59	112 71 59	109 25.7 52	103 82 28	101 -40 5	115 19.9 42	114 -18.6 56	102 -4.5 26	107 18.9 52	95 -2 42	98 11 41	101 0.91 9	96 -0.15 8	106 0.62 8	
RG 220048 98876642 RG 220048			109 27	83 25	107 38							110 -0.48 26	93 0.23 30		83 2.2 25	107 0.5 38								110 21.0 22						
RG 220049 94650066 22 049		VOVA170172 RG 190066	95 66	103 68	97 59	122 46	101 46	110 53			94 8	97 0.62 69	96 0.12 57	80 -16 46	103 14.0 68	97 -2.2 59	110 65 58	102 20.4 51	99 67 28	97 -35 5	113 18.5 42	106 -12.0 58	89 -1.9 26	109 20.1 53	90 -4 42	93 7 41	96 0.51 9	89 -0.54 8	97 0.10 8	
RG 220051 94650199 22 051		RG 190127 RG 190101	106 64	91 65	84 55	94 40	100 41	81 49				104 0.03 67	105 -0.26 52	105 13 40	91 6.8 65	84 -5.8 55	74 -20 53	91 12.3 38	91 41 13		92 6.7 14	104 -10.3 55	87 -1.5 20	111 21.6 48	88 -5 15	89 3 14				

Breeding Values and Accuracies: Cows

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

Inbreeding in red is high				Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																							
Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID Dam ID		Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																															
RG 220053		VOVA170172		87	119	105	90	112	114			112	91	93	109	119	105	118		121	112	110	123	109	114	107	104	108	112	102	113
94650272		RG 190149		65	67	52	41	45	50			8	1.12	0.22	17	22.9	0.0	84		35.1	115	-50	24.2	-14.7	-6.8	19.2	3	21	2.02	0.21	1.02
22 053													68	53	41	67	52	53		48	28	5	42	58	26	51	42	41	9	8	8
RG 220054		VOVA170172		93	107	117	89	105	108			103	94	98	109	107	117	116		109	107	106	120	104	98	111	102	104	104	94	102
94650421		RG 200021		66	66	59	47	41	52			8	0.82	0.03	17	16.1	3.5	79		25.8	96	-46	22.5	-10.4	-3.7	21.9	3	17	1.26	-0.23	0.40
22 054													69	57	47	66	59	57		48	28	5	42	45	26	51	42	41	9	8	8
RG 220056		VOVA170172		84	114	84	98	92	86			103	85	102	100	114	84	99		112	107	102	117	89	84	108	96	99	105	94	108
94650314		RG 190161		66	68	59	47	46	53			10	1.57	-0.13	8	20.0	-5.9	41		28.0	98	-42	20.9	0.8	-1.0	19.8	-1	13	1.38	-0.22	0.75
22 056													69	57	47	68	59	58		52	29	6	42	56	27	54	43	42	10	9	8
RG 220059		RG 190127		98	99	97	95	105	95				95	107	104	99	97	93		100	100		95	104	96	113	94	96			
94650207		RG 190102		64	66	57	43	42	51				0.73	-0.35	11	11.4	-2.4	25		18.9	71		8.2	-10.5	-3.2	22.9	-2	10			
22 059													67	52	43	66	57	55		38	13		14	55	22	48	15	14			
RG 220063	3	RG 190127		90	103	76	100	92	76			94	88	109	99	103	76	82		103	100		102	94	85	103	92	97	96	99	
94650389		RG 190206		60	62	45	36	41	46			5	1.32	-0.40	6	14.0	-8.2	-1		21.3	71		12.4	-3.0	-1.1	16.9	-3	11	0.47	0.02	
22 063													64	44	36	62	45	48		40	18		19	53	22	49	19	18	5	5	
RG 220068		RG 150022		100	94	81	94	110	87			84	96	111	105	94	81	75		96	91		96	116	105	104	78	84	87	102	98
94662699		RG 160124		66	67	61	46	47	53			8	0.64	-0.49	13	8.9	-6.6	-17		15.8	41		8.6	-19.8	-5.2	17.5	-11	-2	-0.45	0.23	0.19
22 068													69	57	46	67	61	58		47	27		29	57	27	56	29	29	8	7	7
RG 220071		RG 150062		74	122	86	74	101	82			113	77	100	132	122	86	97		118	116		117	94	100	108	111	117	112	100	103
94650025		RG 180188		65	66	59	50	45	53			8	2.27	-0.04	44	25.0	-5.3	35		33.2	131		20.8	-3.0	-4.1	19.6	8	30	2.03	0.13	0.48
22 071													68	56	50	66	59	58		45	24		25	49	30	56	25	25	8	8	7
RG 220083		RG 180016		89	109	88	89	103	89			98	89	102	111	109	88	93		109	101		108	109	97	102	98	103	99	92	88
95307336		RG 160106		62	64	53	38	39	48			7	1.25	-0.13	20	17.4	-4.8	26		26.2	77		15.6	-14.7	-3.5	16.2	0	16	0.78	-0.34	-0.36
22 083													66	49	38	64	53	52		42	23		24	44	25	49	24	24	7	7	6
RG 220084		RG 150022		98	104	90	118	95	102			104	94	112	84	104	90	102		103	109		111	95	91	104	94	104	106	105	111
94662681		RG 160123		67	68	62	48	48	54			7	0.84	-0.55	-11	14.3	-4.1	46		21.7	103		17.2	-3.3	-2.2	17.2	-2	17	1.43	0.39	0.91
22 084													69	58	48	68	62	59		48	27		29	58	29	56	29	29	7	7	6
RG 220090	13	RG 180016		80	117	80	85	113	92			107	76	118	117	117	80	93		118	109		124	120	104	110	104	113	107	104	95
94649720		RG 170067		65	66	59	50	45	53			10	2.35	-0.77	26	21.9	-7.1	25		32.7	103		25.0	-23.3	-4.9	20.8	4	26	1.51	0.36	0.00
22 090													68	55	50	66	59	58		44	31		33	57	27	52	33	32	10	9	9
RG 220097		JAN 155002		102	107	83	95	112	101			94	101	100	104	107	83	90		108	99	89	100	112	98	118	103	100	95	89	99
94723293		RG 160043		68	61	63	46	45	52			16	0.23	-0.04	11	16.4	-6.2	20		25.6	67	-28	11.2	-17.0	-3.7	26.2	3	13	0.41	-0.53	0.26
22 097													70	61	46	61	63	57		43	29	6	31	50	29	55	31	30	16	15	14
RG 220102		JAN 155002		93	111	107	111	127	134			104	92	103	90	111	107	121		110	109	98	107	130	121	114	114	112	105	92	109
94661295		RG 170075		68	69	64	49	49	55			16	0.99	-0.18	-4	18.3	0.6	92		27.0	103	-37	15.3	-31.1	-8.4	23.4	9	25	1.32	-0.35	0.79
22 102													70	61	49	69	64	61		48	28	6	30	60	32	56	30	30	16	15	14

Breeding Values and Accuracies: Cows

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

Inbreeding in red is high				Value <80				Value >120				Breeding values with an accuracy < 5% are not printed																		
Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
RG 220109	JAN 155002			105	102	101	97	116	113			95	104	103	101	102	101	100	101	101	94	104	121	106	113	108	103	97	86	95
94723392	RG 110022			66	65	59	37	42	50			16	0.03	-0.17	8	13.0	-1.1	43	20.1	75	-33	13.2	-24.2	-5.2	22.7	6	17	0.54	-0.71	0.04
22 109													68	61	37	65	59	54	42	28	6	30	45	27	54	30	30	16	15	14
RG 220111	JAN 155002			104	108	72	121	117	116			98	102	103	82	108	72	92	109	103	88	101	117	109	115	109	106	100	90	111
94661287	RG 170042			68	61	62	49	45	53			16	0.17	-0.19	-14	17.0	-9.2	23	26.3	81	-26	11.8	-20.6	-5.9	24.0	7	19	0.85	-0.46	0.93
22 111													70	61	49	61	62	57	44	28	6	30	50	31	54	31	30	16	15	14
RG 220112	JAN 155002	1		100	116	83	91	120	112			109	98	105	109	116	83	98	118	114	102	107	112	119	116	118	117	111	92	116
94945391	RG 140131			68	69	66	49	49	56			16	0.53	-0.27	17	21.6	-6.1	38	33.3	123	-41	15.2	-16.9	-7.9	24.5	12	29	1.90	-0.34	1.20
22 112													70	63	49	69	66	61	48	29	6	32	60	32	56	32	31	16	15	14
RG 220114	RG 190018			98	111	91	86	108	99				93	117	114	111	91	96	112	107		94	96	110	111	101	102			
94649704	RG 170058			63	64	56	44	41	50				0.94	-0.71	23	18.4	-4.0	33	28.5	97		7.6	-4.0	-6.1	21.8	2	15			
22 114													66	52	44	64	56	55	40	26		30	52	21	50	31	30			
RG 220115	RG 150022			104	98	90	109	113	108			95	101	108	93	98	90	91	101	101		104	117	124	93	83	94	99	108	116
94649969	RG 180140			65	67	56	45	45	52			7	0.28	-0.37	-1	11.2	-4.3	20	20.1	75		13.2	-20.4	-8.8	10.7	-8	8	0.75	0.57	1.22
22 115													68	55	45	67	56	56	50	28		31	50	30	54	31	30	7	7	7
RG 220118	RG 190127			94	95	99	98	101	90				94	101	100	95	99	92	94	98		98	110	90	104	96	97			
96638564	RG 190089			64	53	45	32	40	43				0.82	-0.11	7	9.3	-1.7	24	14.8	67		10.1	-15.3	-2.1	17.3	-1	10			
RG 220118													67	52	32	53	45	43	32	13		14	52	21	46	15	14			
RG 220124	JAN 155002			90	103	107	80	116	100			93	91	99	122	103	107	98	104	98	92	101	118	105	117	107	102	94	84	92
94723327	RG 110014			66	66	64	45	43	53			16	1.07	-0.02	32	13.7	0.6	37	21.9	66	-30	11.7	-21.2	-5.1	25.1	6	16	0.29	-0.81	-0.14
22 124													68	60	45	66	64	58	40	28	6	30	47	28	54	30	30	16	15	14
RG 220125	RG 190018			98	113	83	91	110	100			105	92	117	109	113	83	95	113	110		92	105	110	108	105	106	103	103	102
94649829	RG 170170			65	66	58	40	36	50			6	0.99	-0.71	18	19.7	-6.1	30	28.9	110		6.8	-11.1	-6.1	20.0	4	19	1.14	0.29	0.44
22 125													68	54	40	66	58	55	44	26		30	39	20	49	30	29	6	5	5
RG 220131	JAN 155002			109	103	72	96	111	95			93	107	104	103	103	72	77	103	98	87	102	101	106	118	106	101	95	87	98
94661303	RG 170110			68	68	64	48	48	55			16	-0.25	-0.21	11	13.9	-9.2	-11	21.2	63	-25	12.0	-8.4	-5.2	26.0	5	14	0.33	-0.65	0.18
22 131													70	61	48	68	64	60	48	28	6	30	60	30	55	30	30	16	15	14
RG 220136	RG 180016			93	107	81	79	108	83			93	94	98	125	107	81	81	107	96		107	118	97	107	95	98	95	91	84
94662483	RG 150026			65	67	60	47	44	53			7	0.86	0.01	36	16.1	-6.9	-3	24.3	56		15.1	-21.9	-3.5	19.3	-1	11	0.36	-0.42	-0.62
22 136													68	56	47	67	60	58	43	23		24	56	24	51	24	24	7	7	6
RG 220143	RG 180016			93	103	77	99	93	78			96	93	103	100	103	77	82	102	99		111	76	103	104	105	105	95	92	81
94662368	RG 140075			65	67	60	46	44	52			6	0.93	-0.18	7	13.7	-7.9	0	20.8	69		17.3	11.2	-4.7	17.0	4	18	0.37	-0.35	-0.76
22 143													68	55	46	67	60	58	36	22		23	54	24	53	23	23	7	6	6
RG 220144	RG 180016			91	100	75	91	99	73			87	90	105	109	100	75	74	99	92		102	103	98	99	92	93	89	93	92
94662640	RG 160056			62	63	52	37	38	47			6	1.18	-0.24	18	12.0	-8.5	-19	18.0	43		12.3	-9.5	-3.6	14.0	-3	6	-0.24	-0.29	-0.18
22 144													66	50	37	63	52	51	41	24		25	42	21	50	25	25	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	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																														
RG 220148 94662442 22 148	13	RG 180016 RG 150005	93 64	107 65	89 57	77 46	101 44	82 51			97 7	94 0.80 67	98 0.01 54	127 38 46	107 16.3 65	89 -4.6 57	87 11 56	108 25.2 42	101 75 23		111 17.3 24	100 -7.8 56	97 -3.5 25	107 18.8 51	101 2 24	104 17 24	98 0.68 7	92 -0.36 7	85 -0.55 6	
RG 220153 94650041 22 153		RG 150062 RG 180198	98 67	107 66	81 61	106 50	101 45	97 54			95 7	99 0.41 69	96 0.09 58	94 0 50	107 16.4 66	81 -6.7 61	93 26 59	106 23.6 46	100 72 24		103 12.9 25	105 -11.3 49	94 -2.8 30	107 18.9 55	97 0 25	100 13 25	97 0.58 7	101 0.18 7	99 0.24 7	
RG 220162 94662228 22 162		RG 180038 RG 120072	88 63	109 63	114 58	76 36	105 31	97 47				93 0.96 66	89 0.36 53	127 38 36	109 17.2 63	114 2.4 58	106 57 52	111 27.6 36	105 89 11		110 16.7 12	97 -4.8 31	95 -3.1 15	119 26.4 48	112 9 12	108 21 11				
RG 220164 94662327 22 164		RG 180038 RG 130185	81 65	121 66	104 51	81 25	92 34	92 46				84 1.70 68	97 0.05 54	121 31 25	121 24.4 66	104 -0.3 51	114 74 47	124 37.6 42	117 132 11		111 17.6 12	70 16.3 36	104 -4.9 16	104 17.4 49	116 11 12	118 31 11				
RG 220165 94662558 22 165		RG 200019 RG 150117	92 62	99 63	104 51	97 24	99 27	94 43				95 0.76 65	94 0.18 51	100 7 24	99 11.4 63	104 -0.3 51	100 43 46	98 17.4 35	104 86 13		104 13.3 14	94 -2.6 26	101 -4.2 13	105 17.7 43	107 6 14	102 15 14				
RG 220169 94650280 22 169		VOVA170172 RG 190153	93 66	106 68	109 59	97 46	100 45	103 53			98 8	96 0.66 69	92 0.28 57	101 8 46	106 15.7 68	109 1.1 59	112 70 58	104 22.3 51	102 79 26	103 -43 5		112 17.9 40	108 -13.5 58	88 -1.7 25	108 19.5 52	95 -2 41	96 9 40	100 0.80 8	88 -0.61 8	100 0.30 7
RG 220174 98876659 RG 220174			104 27	85 24	112 37							106 -0.20 26	89 0.37 30		85 3.3 24	112 2.1 37							111 21.4 22							
RG 220176 94649985 22 176		RG 150062 RG 180147	81 67	120 66	81 56	90 45	98 45	88 52			109 7	84 1.62 69	96 0.12 59	109 18 45	120 23.4 66	81 -6.7 56	99 41 56	117 32.2 47	113 118 24		112 18.1 25	96 -4.1 49	92 -2.4 30	109 20.1 56	110 7 25	114 27 25	109 1.73 7	102 0.20 7	102 0.39 7	
RG 220179 94662715 22 179		RG 190018 RG 160162	91 64	102 64	84 57	91 41	105 39	85 49			92 5	87 1.44 67	123 -0.97 54	109 17 41	102 13.4 64	84 -5.8 57	84 5 54	102 20.9 40	99 68 26		86 2.9 30	93 -1.8 49	102 -4.5 19	116 24.5 48	96 -1 31	95 9 29	92 0.08 5	96 -0.15 5	98 0.19 5	
RG 220200 94662426 22 200		RG 180016 RG 140187	91 64	97 65	96 59	101 39	107 41	94 50			84 6	93 0.88 67	95 0.15 54	97 4 39	97 10.2 65	96 -2.5 59	93 25 54	97 16.9 36	90 35 22		103 12.8 23	105 -11.6 53	106 -5.3 22	105 18.1 48	96 -1 23	95 8 23	83 -0.86 7	92 -0.36 6	81 -0.80 6	
RG 220214 94649878 22 214	6	RG 150022 RG 180093	90 66	100 66	89 60	106 49	105 43	95 53			94 8	87 1.45 69	114 -0.60 57	94 0 49	100 12.1 66	89 -4.5 60	92 22 58	101 19.9 42	100 72 29		107 15.3 30	103 -10.0 48	105 -5.1 28	105 18.1 54	85 -7 31	94 8 30	96 0.49 8	106 0.44 7	103 0.48 7	
RG 220215 94661469 22 215	4	JAN 155002 RG 170046	97 68	114 61	100 61	81 50	111 46	105 53	113 20	103 46	109 17	94 0.86 70	110 -0.44 61	121 31 50	114 20.3 61	100 -1.5 61	103 50 57	115 30.5 46	113 121 30	99 -38 7		110 16.8 33	119 -22.5 52	94 -2.9 32	114 23.3 55	111 8 33	115 27 32	112 2.07 18	99 0.06 16	125 1.69 16

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

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
RG 220220 94661436 22 220	1	JAN 155002 RG 170131		114 68	108 62	93 63	88 49	114 46	111 53	108 20	108 46	103 16	110 -0.48 70	108 -0.39 61	112 21 49	108 16.7 62	93 -3.4 63	96 32 58	111 27.7 46	108 100 29	97 -36 7	104 13.2 32	116 -19.8 51	105 -5.0 31	114 23.5 55	110 7 32	109 22 31	104 1.28 16	94 -0.24 15	110 0.87 14
RG 220221 94662384 22 221		RG 180038 RG 140136		97 65	115 58	89 57	108 41	105 36	111 48				100 0.37 68	93 0.23 55	93 -1 41	115 20.9 58	89 -4.6 57	108 62 52	118 33.1 34	113 120 15		109 16.4 15	89 0.9 37	112 -6.4 22	109 20.7 50	118 12 15	116 28 15	109 1.78 5		
RG 230001 95180717 23 001		RG 160026 RG 110258		107 66	100 57	107 61	78 40	111 44	101 50			101 6	105 -0.08 68	103 -0.16 60	125 36 40	100 12.2 57	107 0.6 61	94 28 53	104 21.9 42	104 87 22		111 17.2 23	106 -11.9 53	113 -6.7 26	107 19.3 52	113 9 23	110 23 23	100 0.84 7	99 0.08 6	88 -0.36 6
RG 230005 95175519 23 005		RG 190018 RG 180163		102 63	103 55	89 53	87 40	108 35	93 46			100 6	98 0.53 66	111 -0.49 52	113 22 40	103 13.7 55	89 -4.5 53	87 12 49	102 20.3 35	106 93 27		91 5.8 31	100 -7.8 38	106 -5.2 19	112 22.2 48	98 0 32	101 14 30	100 0.86 6	102 0.25 5	105 0.57 5
RG 230007 95182770 23 007		RG 200019 RG 150154		96 66	105 67	87 59	114 47	112 36	110 51			103 6	94 0.87 69	107 -0.33 57	89 -6 47	105 14.9 67	87 -5.1 59	98 36 58	105 22.9 40	110 108 18		102 12.5 19	105 -11.7 38	117 -7.4 22	107 19.3 49	107 6 20	102 16 19	103 1.13 7	102 0.22 6	99 0.22 6
RG 230014 95198156 23 014		JAN 155002 RG 130148		117 66	98 67	61 64	112 50	116 47	101 54			82 16	110 -0.52 68	114 -0.61 61	92 -2 50	98 11.2 67	61 -12.5 64	66 -38 60	98 17.2 46	87 25 28	78 -16 6	91 6.0 30	125 -27.0 59	105 -5.0 28	111 21.8 54	93 -2 30	89 3 30	83 -0.85 16	87 -0.64 15	100 0.29 14
RG 230015 95307542 23 015		RG 200019 RG 130149		110 64	87 62	87 56	115 33	108 34	100 47				110 -0.46 67	98 0.03 55	88 -7 33	87 4.9 62	87 -5.1 56	78 -9 50	87 9.0 36	91 41 13		93 7.2 14	108 -13.8 46	102 -4.5 12	110 21.2 45	93 -2 14	87 1 14			
RG 230018 95180766 23 018		RG 160026 RG 130170		89 67	110 68	118 63	75 55	112 47	106 55			109 6	96 0.68 69	83 0.63 60	129 40 55	110 18.0 68	118 3.6 63	110 66 62	113 29.0 50	109 106 25		118 21.5 26	101 -7.9 58	120 -8.1 30	107 19.1 54	113 9 26	116 29 26	110 1.79 7	107 0.53 6	106 0.63 6
RG 230031 96411152 23 031		BOS 144174 RG 140067		115 64	90 65	86 60	108 37	100 46	93 51	75 26	84 46	74 14	117 -1.06 66	88 0.41 55	93 -1 37	90 6.3 65	86 -5.5 60	78 -10 54	90 11.0 51	78 -8 41	76 -13 8	85 2.6 44	112 -16.5 50	82 -0.4 34	109 20.4 53	96 -1 44	88 2 43	74 -1.70 15	79 -1.10 13	68 -1.49 13
RG 230032 96410253 23 032		BOS 199209 RG 200139		107 55	94 64	90 46	121 28	106 36	107 43			80 8	102 0.13 60	111 -0.50 36	81 -14 28	94 8.6 64	90 -4.2 46	91 22 46	97 16.3 50	86 23 21	85 -22 5	85 2.6 23	114 -18.4 42	100 -4.1 25	102 15.9 42	94 -2 21	89 3 21	80 -1.14 9	89 -0.51 8	102 0.42 7
RG 230033 96638481 23 033	2	BOS 144174 RG 200085		103 64	104 67	87 56	102 41	105 48	101 51	89 26	94 46	91 14	104 0.03 67	97 0.05 53	97 3 41	104 14.6 67	87 -4.9 56	94 27 55	105 23.2 54	94 49 43	84 -22 8	98 9.7 46	114 -18.4 55	92 -2.4 36	108 19.5 54	103 3 46	104 17 45	92 0.08 15	97 -0.07 14	100 0.28 14
RG 230034 96380944 23 034		RG 140144		98 53	107 54	84 41	99 22	94 28	89 37				99 0.39 57	95 0.12 39	100 7 22	107 16.1 54	84 -5.8 41	93 25 39	105 23.0 22	96 56 9		91 6.2 10	84 5.0 30	107 -5.4 18	95 11.5 35	108 6 10	101 14 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																													
RG 230035		BOS 144174	99	104	106	100	105	108	91	101	95	99	98	97	104	106	108	103	98	95	97	121	92	103	107	107	94	89	94
96410295		RG 200067	64	67	57	41	48	52	26	47	14	0.38	0.04	4	14.2	0.2	61	21.4	64	-33	9.3	-24.2	-2.5	16.5	5	20	0.22	-0.54	-0.04
23 035												67	53	41	67	57	55	54	42	8	44	54	36	55	44	44	15	13	13
RG 230039		RG 200117	86	126	94	76	94	91				89	92	129	126	94	107	120	125		123	91	89	106	128	130			
96381314		RG 170152	62	55	46	31	35	43				1.21	0.26	40	26.9	-3.0	59	34.3	162		24.0	-0.6	-1.8	18.2	18	42			
23 039												66	47	31	55	46	44	36	14		14	37	22	45	14	14			
RG 230042	2	BOS 199209	106	108	88	115	124	127			99	102	111	88	108	88	102	111	104	94	98	126	113	119	107	106	103	91	112
96410303		RG 200099	59	67	53	36	40	48			12	0.18	-0.48	-7	16.7	-4.9	47	27.8	87	-32	10.1	-27.9	-6.6	26.3	5	19	1.12	-0.40	0.96
23 042												63	45	36	67	53	52	52	25	6	27	45	29	46	26	25	12	11	10
RG 230053	1	BOS 177146	108	113	96	84	117	115	97	109	107	104	109	117	113	96	101	114	103	101	98	104	118	118	99	109	111	112	96
96411285		RG 170098	64	68	59	35	48	51	28	46	26	0.00	-0.42	26	19.8	-2.7	46	30.1	82	-40	10.1	-10.4	-7.6	26.1	1	22	1.93	0.81	0.10
23 053												67	53	35	68	59	54	56	34	18	38	54	38	53	38	37	27	24	24
RG 230056	1	BOS 144174	112	99	92	108	101	104	87	97	89	112	95	93	99	92	94	99	92	88	92	111	94	100	104	100	88	90	88
96411202		RG 170116	65	67	58	37	48	51	26	46	14	-0.69	0.13	-1	11.6	-3.6	27	18.3	43	-26	6.5	-16.4	-2.9	15.0	4	14	-0.32	-0.49	-0.39
23 056												68	55	37	67	58	54	54	42	8	45	54	36	55	45	45	15	13	13
RG 230060	6	RG 200045	99	107	84	88	97	85			102	95	113	113	107	84	88	107	105		110	111	85	101	97	106	103	102	101
96381090		RG 160006	63	64	48	30	33	45			8	0.75	-0.55	22	16.3	-5.9	13	24.8	89		17.0	-16.3	-1.0	15.3	0	19	1.16	0.23	0.34
23 060												67	48	30	64	48	47	37	25		26	34	22	44	26	26	8	7	7
RG 230064	1	JAN 155002	104	108	79	92	120	106			95	102	106	107	108	79	87	109	98	88	99	139	103	110	99	99	99	87	105
96411210		RG 150026	67	67	61	46	46	53			16	0.20	-0.27	16	17.0	-7.4	11	26.1	66	-26	10.8	-37.9	-4.7	21.1	1	12	0.74	-0.64	0.56
23 064												69	60	46	67	61	58	46	29	6	31	52	31	54	31	30	16	15	14
RG 230065	3	RG 200019	93	101	68	103	108	85			88	91	107	97	101	68	74	102	94		98	105	114	102	89	87	87	103	94
96419734		RG 190087	63	67	51	37	35	47			5	1.06	-0.35	3	12.7	-10.3	-19	20.6	51		9.7	-11.4	-6.8	16.0	-5	1	-0.38	0.26	-0.03
23 065												67	51	37	67	51	52	42	23		25	39	22	45	25	24	5	5	5
RG 230066		RG 200045	94	102	96	89	106	93				91	109	111	102	96	93	101	94		97	124	100	96	94	95			
96381249		RG 170090	64	67	49	27	32	45				1.08	-0.42	19	13.4	-2.6	25	19.5	50		9.1	-26.3	-4.0	12.1	-2	8			
23 066												68	49	27	67	49	48	40	12		13	34	18	45	13	13			
RG 230069	3	RG 200019	94	101	79	103	105	89			90	94	100	96	101	79	83	99	97		99	109	105	99	91	91	92	99	
96419759		RG 190119	64	67	52	35	34	47			5	0.80	-0.04	3	12.4	-7.3	2	18.2	62		10.7	-14.8	-5.1	14.3	-4	5	0.06	0.05	
23 069												67	52	35	67	52	51	42	17		18	37	21	45	18	18	5	5	
RG 230070	3	RG 200019	91	102	69	110	115	94			93	87	114	93	102	69	77	101	99		99	114	116	105	94	93	92	104	102
96419742		RG 190131	64	66	51	37	35	47			5	1.38	-0.61	-1	13.1	-10.1	-12	20.1	67		10.4	-18.6	-7.4	18.0	-2	7	0.07	0.34	0.39
23 070												68	51	37	66	51	51	42	23		25	39	22	45	25	25	5	5	5
RG 230072	3	RG 200019	98	105	78	103	111	99			99	98	100	96	105	78	87	106	104		101	105	120	100	98	98	100	108	105
96638556		RG 190182	63	66	50	34	36	47			5	0.49	-0.05	3	15.0	-7.5	12	23.7	87		11.9	-11.7	-8.1	14.8	0	12	0.84	0.56	0.57
23 072												67	51	34	66	50	50	44	18		19	39	23	46	19	19	5	5	5

Breeding Values and Accuracies: Cows

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

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
RG 230073 96419775 23 073	3	RG 200019 RG 190149	96 63	104 66	92 51	100 36	116 34	107 47			99 5	98 0.50 67	95 0.13 51	98 5 36	104 14.4 66	92 -3.6 51	97 34 51		107 24.4 43	103 83 17		103 12.7 18	111 -15.7 38	123 -8.7 21	104 17.5 44	95 -1 18	97 11 18	100 0.82 5	110 0.70 5	
RG 230078 96380860 23 078		RG 160026 RG 120139	99 64	99 55	90 56	93 42	106 40	92 47			89 6	102 0.16 67	91 0.30 55	106 14 42	99 11.8 55	90 -4.3 56	87 12 51		102 20.7 43	92 45 22		100 11.2 23	108 -13.5 43	113 -6.7 27	96 12.3 51	99 1 23	97 10 23	87 -0.39 7	102 0.24 6	96 0.06 6
RG 230084 96411269 23 084		BOS 144174 RG 160147	110 65	98 66	88 60	112 40	96 48	98 52	80 26	89 47	79 14	110 -0.50 68	95 0.16 56	91 -4 40	98 10.7 66	88 -4.7 60	90 18 55		96 15.7 50	83 12 42	80 -17 8	89 4.6 44	100 -7.7 54	85 -1.1 36	106 18.6 55	97 0 45	91 5 44	79 -1.20 15	85 -0.78 14	77 -1.00 13
RG 230086 96380910 23 086		RG 200045 RG 140109	103 63	100 65	91 48	101 27	102 31	96 44				101 0.26 67	105 -0.23 48	97 4 27	100 12.1 65	91 -4.0 48	92 22 47		97 17.0 40	96 56 12		100 10.9 13	102 -9.4 29	100 -4.1 19	103 16.7 45	100 2 13	99 13 13			
RG 230089 96379920 23 089		RG 200117 RG 180155	86 62	135 65	86 47	70 31	96 35	93 45				90 1.20 66	91 0.28 46	139 51 31	135 32.5 65	86 -5.5 47	106 56 48		130 42.2 42	134 197 15		128 27.1 16	83 5.9 38	99 -3.8 23	109 20.2 45	139 24 17	141 52 16			
RG 230092 96379938 23 092		RG 200045 RG 190005	93 60	114 65	102 46	86 24	99 28	99 42				93 0.96 64	104 -0.20 44	113 22 24	114 20.3 65	102 -0.8 46	109 63 45		112 28.3 38	116 130 13		117 20.6 14	103 -9.7 25	91 -2.2 19	105 18.0 39	119 13 14	121 33 13			
RG 230094 96411251 23 094		BOS 144174 RG 170075	105 65	98 68	103 59	118 40	102 48	112 52	87 26	104 47	90 14	106 -0.19 68	93 0.23 55	84 -11 40	98 10.8 68	103 -0.7 59	106 56 56		96 16.0 53	93 46 41	88 -26 8	95 8.4 44	110 -15.2 54	96 -3.2 36	103 16.6 55	107 5 44	103 16 43	88 -0.34 15	88 -0.60 13	86 -0.48 13
RG 230095 96381017 23 095		RG 160026 RG 150092	95 65	108 66	108 57	85 44	109 44	105 51			110 8	97 0.57 68	93 0.21 55	115 24 44	108 16.8 66	108 0.8 57	107 58 56		113 29.2 50	116 129 25	110 -50 5	116 20.4 27	102 -8.7 49	116 -7.3 30	103 16.5 52	119 13 27	118 30 26	110 1.85 9	108 0.60 8	103 0.48 8
RG 230098 96411293 23 098		JAN 155002 RG 150018	98 64	112 64	91 59	85 37	115 41	104 49			106 16	95 0.76 66	111 -0.48 57	116 25 37	112 18.8 64	91 -4.1 59	96 33 53		113 28.9 45	110 109 28	102 -41 6	111 17.4 30	118 -21.5 44	107 -5.5 27	111 21.7 51	121 13 30	116 29 30	107 1.55 16	87 -0.68 15	99 0.21 14
RG 230101 96411301 23 101		JAN 155002 RG 150176	113 64	98 65	83 59	98 35	113 39	101 49			91 16	110 -0.46 66	105 -0.27 56	101 8 35	98 11.2 65	83 -6.2 59	82 -1 53		99 18.3 45	96 57 28	89 -27 6	99 10.6 30	118 -21.5 42	102 -4.5 26	112 22.3 50	105 4 30	100 13 30	93 0.14 16	84 -0.83 15	92 -0.18 14
RG 230107 96411350 23 107	1	JAN 155002 RG 170170	99 67	115 69	83 60	93 39	119 45	110 52			100 16	96 0.66 69	109 -0.41 58	106 14 39	115 20.5 69	83 -6.2 60	97 35 56		117 32.5 52	105 90 29	91 -29 7	97 9.5 31	129 -30.4 51	110 -6.0 31	108 19.9 53	107 5 32	107 20 31	101 0.99 17	96 -0.10 15	112 1.00 15
RG 230109 96381157 23 109	1	RG 160026 RG 160162	86 66	110 57	97 57	79 45	112 43	95 49			102 8	86 1.52 68	103 -0.19 57	124 34 45	110 18.1 57	97 -2.3 57	97 34 53		114 29.6 46	105 91 24		105 14.0 25	103 -9.7 47	116 -7.4 29	109 20.5 52	111 8 25	111 23 25	102 1.02 8	105 0.41 7	107 0.67 7

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		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
RG 230113	BOS 177146	101	109	102	76	123	111	95	105	106	96	115	127	109	102	98	109	105	110	105	105	126	122	108	114	109	104	82
96411327	RG 150072	62	65	60	32	45	49	27	45	25	0.70	-0.63	38	17.3	-0.9	37	25.9	89	-49	14.1	-11.3	-9.3	28.3	6	27	1.74	0.34	-0.75
23 113											65	53	32	65	60	52	52	33	18	36	48	36	51	37	36	26	24	24
RG 230114	JAN 155002	108	103	84	99	114	106			96	106	103	100	103	84	88	103	100	90	104	112	110	113	109	104	97	87	99
96411343	RG 170110	66	67	59	41	44	52			16	-0.18	-0.16	7	14.0	-6.0	15	21.4	73	-29	13.3	-16.6	-6.1	22.6	7	17	0.58	-0.62	0.25
23 114											68	58	41	67	59	56	48	28	6	30	51	30	52	30	30	16	15	14
RG 230117	JAN 155002	110	101	88	95	108	100			94	106	108	103	101	88	88	101	99	92	101	114	102	104	108	103	95	85	93
96411335	RG 120204	65	52	53	35	41	46			16	-0.18	-0.39	11	12.5	-4.8	13	20.0	67	-31	11.9	-18.7	-4.5	17.3	6	16	0.39	-0.79	-0.12
23 117											67	58	35	52	53	47	39	28	6	30	44	26	52	30	30	16	15	14
RG 230119	BOS 144174	99	101	86	102	107	97	86	90	83	99	100	97	101	86	89	101	87	78	92	123	86	112	100	96	84	85	89
96420161	RG 200130	64	67	58	42	48	52	27	47	16	0.44	-0.06	4	13.0	-5.4	17	19.7	25	-15	6.4	-25.4	-1.2	22.0	1	10	-0.69	-0.78	-0.32
23 119											67	54	42	67	58	56	54	44	8	46	55	36	54	47	46	17	15	15
RG 230120	RG 200117	96	124	87	81	95	94				98	95	122	124	87	103	117	121		119	93	93	104	124	125			
96381058	RG 150132	62	64	49	32	36	46				0.52	0.13	33	26.1	-5.0	50	32.5	149		22.2	-1.7	-2.6	17.1	15	37			
23 120											66	48	32	64	49	48	42	14		14	39	23	46	14	14			
RG 230122	RG 190127	96	94	91	113	100	93			85	92	112	90	94	91	89	95	92		92	119	84	101	82	88	90	99	109
96381173	RG 170032	61	62	45	32	37	44			8	1.00	-0.53	-5	8.8	-3.9	16	15.4	42		6.4	-22.2	-0.8	15.3	-9	2	-0.13	0.06	0.79
23 122											65	46	32	62	45	46	42	18		19	42	22	46	19	19	8	8	8
RG 230128	VOVA170172	85	106	107	106	96	101			93	85	104	94	106	107	114	107	98	97	103	104	88	101	90	90	95	90	103
96379763	RG 200125	65	67	51	40	41	49			8	1.61	-0.22	0	15.8	0.4	75	24.5	64	-36	13.1	-10.4	-1.7	15.4	-4	4	0.34	-0.49	0.49
23 128											68	53	40	67	51	53	52	27	5	41	46	26	51	41	40	9	8	7
RG 230136	RG 160026	87	120	111	71	105	102			115	87	104	136	120	111	111	122	116		119	94	113	104	120	123	116	105	110
96381082	RG 150174	66	67	58	46	45	52			7	1.39	-0.20	48	23.5	1.8	69	36.4	131		21.9	-3.0	-6.6	17.0	13	35	2.40	0.39	0.86
23 136											69	57	46	67	58	57	51	23		24	50	31	53	24	24	7	7	6
RG 230145	RG 200019	88	108	75	99	111	92			95	88	103	100	108	75	86	109	101		104	106	117	103	97	96	94	104	97
96420146	RG 190077	64	67	51	37	36	48			5	1.34	-0.17	7	16.8	-8.4	9	26.1	77		13.1	-12.0	-7.5	16.6	-1	9	0.23	0.34	0.12
23 145											68	52	37	67	51	52	42	23		25	39	23	46	25	24	5	5	5
RG 230146	RG 160026	93	108	79	84	107	85			100	93	101	119	108	79	83	111	103		110	99	121	97	97	103	101	112	110
96379854	RG 180110	65	67	56	48	44	52			8	0.89	-0.11	29	16.8	-7.3	1	27.6	84		16.6	-6.8	-8.3	12.9	-1	16	0.96	0.81	0.87
23 146											68	55	48	67	56	57	52	26		27	50	31	52	27	27	8	7	7
RG 230152	RG 200019	99	98	89	105	101	93				100	96	95	98	89	89	97	97		98	99	103	101	100	94			
96420153	RG 190191	58	61	44	20	25	40				0.31	0.11	1	10.8	-4.4	16	16.9	62		10.0	-6.9	-4.6	15.7	1	8			
23 152											62	46	20	61	44	42	36	13		14	24	12	39	14	14			
RG 230154	RG 150063	93	80	124		90					98	86		80	124		78				91		97					
96380993		48	47	33		16					0.49	0.49		0.5	5.3		2.4				-0.5		13.2					
23 154											52	33		47	33		21				18		27					

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																															
RG 230157 96381108 23 157		RG 190127 RG 160011		101 62	89 63	110 50	114 34	103 36	105 46				100 0.35 66	103 -0.19 49	88 -7 34	89 5.5 63	110 1.5 50	100 42 49		91 11.9 34	100 71 13		96 8.9 14	113 -17.5 40	94 -2.9 20	103 16.4 47	95 -1 15	98 11 14			
RG 230158 96420179 23 158	1	JAN 155002 RG 180076		95 65	125 67	92 57	81 41	119 45	116 51	119 20	114 45	118 16	93 0.95 68	109 -0.42 56	121 32 41	125 26.8 67	92 -3.7 57	108 62 55	127 40.0 49	122 151 30	112 -53 7	117 20.9 32	116 -19.9 51	118 -7.7 31	111 21.6 52	123 14 32	124 37 31	118 2.62 17	95 -0.16 15	117 1.25 15	
RG 230159 96379714 23 159		VOVA170172 RG 200077		91 65	107 67	118 52	83 41	106 41	105 50			101 8	94 0.82 68	94 0.20 53	117 26 41	107 16.2 67	118 3.7 52	113 72 53	111 27.8 52	105 89 28	103 -42 5	117 20.8 42	105 -11.1 47	108 -5.7 26	103 16.4 50	97 0 42	100 13 41	102 1.02 9	96 -0.13 8	106 0.65 8	
RG 230162 96638531 23 162		VOVA170172 RG 200065		88 64	107 64	87 50	100 38	96 40	87 48	95 20	82 42	93 8	88 1.37 67	104 -0.19 52	99 6 38	107 15.9 64	87 -5.0 50	95 31 51	107 24.2 51	97 61 32	94 -32 5	113 18.6 45	98 -5.7 45	94 -2.9 25	100 14.9 50	92 -3 46	92 6 44	93 0.19 9	91 -0.45 8	96 0.10 8	
RG 230167 96411368 23 167	1	JAN 155002 RG 170011		102 66	113 66	80 58	97 43	117 42	109 51	105 20	105 45	100 16	99 0.44 68	108 -0.35 58	102 10 43	113 19.8 66	80 -7.1 58	95 29 56	113 29.4 48	103 83 29	92 -31 7	100 11.3 32	119 -22.5 46	113 -6.7 28	109 20.6 53	108 6 32	106 19 31	102 1.05 16	93 -0.29 15	107 0.72 14	
RG 230171 96420021 23 171	3	RG 200019 RG 200014		80 63	116 66	76 50	86 34	100 34	80 46			108 5	83 1.71 67	96 0.09 50	116 25 34	116 21.2 66	76 -8.1 50	89 17 50	112 28.2 40	112 117 17		112 17.9 18	98 -6.0 36	100 -4.1 20	102 16.0 45	108 6 18	109 22 18	107 1.55 5	102 0.24 5		
RG 230172 96411400 23 172	1	JAN 155002 RG 170124		111 67	108 60	93 57	83 42	119 45	110 50	109 20	106 44	104 16	104 0.03 69	118 -0.75 58	119 29 42	108 16.5 60	93 -3.4 57	93 25 53	111 27.4 46	109 105 29	98 -37 7	106 14.5 32	120 -22.8 51	114 -6.9 31	112 22.1 53	112 9 32	111 24 31	106 1.43 16	93 -0.31 15	112 0.97 14	
RG 230174 96381298 23 174		RG 200117 RG 170136		82 62	126 63	86 46	77 28	99 33	89 44				85 1.58 66	97 0.07 47	127 38 28	126 27.2 63	86 -5.4 46	102 47 46	123 36.6 40	123 156 12		119 22.2 13	89 0.8 33	106 -5.3 19	102 16.0 46	124 15 13	126 38 13				
RG 230179 96420005 23 179	3	RG 200019 RG 190090		92 63	112 66	76 50	90 37	109 35	92 47			105 5	90 1.17 67	108 -0.37 51	110 19 37	112 19.1 66	76 -8.3 50	87 12 51	112 28.5 40	110 107 23		111 17.3 24	101 -8.1 38	120 -8.2 23	101 15.5 45	107 5 25	107 20 24	101 0.99 5	106 0.46 5		
RG 230181 96379896 23 181		RG 160026 RG 180137		94 65	111 67	101 56	81 46	107 43	100 52			105 6	98 0.52 68	91 0.31 55	120 30 46	111 18.3 67	101 -1.0 56	102 47 56	113 28.7 45	108 101 22		112 17.8 23	100 -7.1 49	114 -6.8 30	104 17.2 51	113 9 23	112 25 23	103 1.16 7	104 0.34 6	98 0.19 6	
RG 230185 96420013 23 185	3	RG 200019 RG 200024		95 63	102 65	84 49	97 34	99 34	86 46			96 5	93 0.94 67	108 -0.36 51	102 9 34	102 13.3 65	84 -5.9 49	87 10 49	100 19.4 40	103 82 17		104 13.3 18	103 -9.7 36	95 -3.1 20	102 15.9 45	97 0 18	98 11 18	97 0.56 5	100 0.11 5		
RG 230192 96420096 23 192	3	RG 200019 RG 190115		81 63	113 66	83 51	92 35	99 34	85 47			107 5	83 1.78 67	102 -0.12 51	108 16 35	113 19.9 66	83 -6.3 51	95 30 51	110 26.9 40	112 116 17		112 17.8 18	100 -7.3 37	100 -4.0 20	100 15.0 45	108 6 18	109 22 18	106 1.48 5	102 0.23 5		

Breeding Values and Accuracies: Cows

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

Inbreeding in red is high				Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																						
Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID Dam ID		Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
RG 230193 96379805 23 193		VOVA170172 RG 210022		92 64	106 66	104 50	109 35	96 40	104 48	96 20	99 42	93 11	92 0.98 67	102 -0.14 52	93 -1 35	106 15.6 66	104 -0.2 50	112 71 50	107 24.3 52	98 65 30	94 -32 6	110 17.0 43	101 -8.5 46	89 -1.8 23	104 17.1 50	93 -3 44	93 7 42	96 0.48 12	86 -0.73 10	102 0.39 10
RG 230194 96411418 23 194		JAN 155002 RG 130184		107 64	104 64	97 59	93 35	113 40	109 49			99 16	107 -0.28 66	97 0.06 57	106 14 35	104 14.4 64	97 -2.3 59	97 36 53	105 23.0 41	104 85 28	96 -35 6	108 15.6 30	116 -19.9 42	109 -5.8 26	109 20.2 51	114 9 30	108 21 30	100 0.86 16	89 -0.56 15	100 0.30 14
RG 230198 96411426 23 198		JAN 155002 RG 170194		93 66	107 67	85 57	94 40	111 43	97 51			95 16	90 1.14 68	108 -0.39 58	105 13 40	107 16.3 67	85 -5.5 57	92 23 55	108 25.0 48	99 70 28	91 -29 6	99 10.8 30	120 -22.8 48	105 -5.1 29	104 17.6 53	103 3 30	102 15 30	95 0.39 16	92 -0.37 15	110 0.86 14
RG 240002 97110464 24 002		VOVA170172 RG 130170		96 64	99 59	118 53	98 40	95 41	101 48			94 8	101 0.27 67	87 0.48 55	99 6 40	99 11.6 59	118 3.7 53	113 72 51	98 17.7 48	95 55 29	92 -31 6	112 18.1 42	102 -9.3 45	92 -2.4 25	97 12.9 52	90 -4 43	92 5 41	97 0.53 8	88 -0.58 8	99 0.23 7
RG 240005 97110480 24 005		VOVA170172 RG 150125		94 65	110 59	98 53	100 38	102 41	103 48			97 8	95 0.77 68	99 0.00 56	98 5 38	110 18.0 59	98 -2.1 53	108 61 50	110 26.9 48	99 67 27	96 -35 5	112 17.9 41	118 -21.7 45	84 -0.9 26	106 18.2 53	89 -5 41	92 6 40	101 0.99 9	87 -0.68 8	99 0.25 7
RG 240009 97110456 24 009		VOVA170172 RG 120096		103 63	97 55	84 53	113 29	97 36	93 44			84 8	103 0.06 66	97 0.05 54	90 -5 29	97 10.3 55	84 -5.9 53	85 8 46	96 15.7 43	88 27 26	89 -27 5	102 12.2 40	100 -7.1 38	91 -2.2 19	104 17.5 50	81 -9 41	80 -6 39	87 -0.43 8	85 -0.78 7	88 -0.38 7
RG 240012 98142540 24 012		RG 160026 RG 140055		107 64	95 63	86 57	90 40	107 39	89 49			84 6	108 -0.30 66	94 0.19 55	110 18 40	95 9.2 63	86 -5.4 57	78 -10 53	98 17.7 47	88 29 22		95 8.4 23	103 -9.6 42	110 -6.0 26	106 18.3 50	95 -1 23	92 5 23	86 -0.52 7	95 -0.17 6	84 -0.63 6
RG 240013 98142896 24 013		RG 200117 RG 170058		86 61	128 63	94 47	75 31	105 34	101 44				89 1.24 65	95 0.14 46	130 41 31	128 28.4 63	94 -3.1 47	109 64 47	124 37.8 40	123 155 15		118 21.2 16	95 -3.8 36	107 -5.4 22	109 20.1 45	126 17 17	127 39 16			
RG 240014 98142789 24 014	6	RG 200117 RG 160078		87 62	123 64	63 48	86 33	99 34	81 45			117 8	88 1.35 66	101 -0.08 47	117 26 33	123 25.7 64	63 -11.8 48	86 10 48	118 32.8 41	119 140 25		128 27.0 26	91 -0.3 34	98 -3.6 22	108 19.9 46	116 10 26	123 35 26	116 2.43 8	102 0.20 7	103 0.49 7
RG 240023 98895840 24 023		RG 160026 RG 160096		96 65	105 59	87 56	81 45	112 44	91 50			91 8	100 0.36 68	90 0.36 56	122 32 45	105 14.9 59	87 -5.0 56	85 6 53	108 25.4 46	95 54 23		101 11.7 24	103 -9.5 49	117 -7.4 30	109 20.5 52	97 0 24	96 9 24	92 0.06 8	102 0.25 7	92 -0.14 7
RG 240035 98155062 24 035	13	RG 210204 RG 210111		97 61	113 63	87 46	101 30	115 33	111 44			101 10	93 0.91 65	112 -0.53 46	98 5 30	113 19.4 63	87 -5.1 46	102 46 46	113 29.3 41	104 88 20		101 11.4 21	111 -15.9 36	110 -6.0 21	115 23.9 42	105 4 21	106 19 21	101 0.98 11	97 -0.07 10	110 0.87 10
RG 240039 98155195 24 039	4	RG 220001 RG 210200		97 60	106 61	83 43	86 32	110 33	91 43			99 9	92 0.97 64	114 -0.61 44	116 25 32	106 15.8 61	83 -6.3 43	85 7 45	106 23.5 40	103 84 22		109 16.1 24	109 -14.4 33	111 -6.2 22	106 18.5 43	97 0 24	103 16 23	102 1.01 9	102 0.22 9	107 0.68 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																													
RG 240042 98154990 24 042	1	RG 210204 RG 210079	83 60	119 63	88 45	85 33	115 33	102 44			111 8	82 1.87 65	110 -0.47 44	116 26 33	119 23.4 63	88 -4.7 45	102 47 47	119 33.8 39	114 121 19		112 18.0 20	103 -10.1 37	116 -7.2 20	115 24.1 41	111 8 20	116 28 19	110 1.87 9	101 0.18 8	104 0.53 8
RG 240045 98155054 24 045	13	RG 220001 RG 210107	100 60	108 60	84 44	89 32	118 33	103 43			97 12	97 0.60 64	110 -0.45 45	112 21 32	108 17.0 60	84 -6.0 44	89 16 45	109 25.8 40	101 74 23	88 -26 5	106 14.3 24	121 -23.9 35	109 -5.8 22	115 24.0 42	103 3 24	104 17 24	100 0.83 12	94 -0.24 11	105 0.57 10
RG 240052 98142953 24 052		RG 210157 RG 170098	96 63	116 65	113 48	84 25	96 32	105 44				99 0.42 67	90 0.33 48	116 25 25	116 21.1 65	113 2.1 48	117 83 46	116 31.3 40	109 104 14		103 12.8 16	96 -4.0 35	89 -2.0 17	108 19.6 44	109 6 16	111 24 15			
RG 240054 98142938 24 054		RG 210157 RG 170081	81 63	114 65	101 49	90 31	108 34	101 46			102 6	82 1.84 67	102 -0.14 49	109 18 31	114 20.2 65	101 -1.2 49	109 64 48	113 28.8 40	105 89 17		100 10.9 18	117 -20.7 36	101 -4.3 21	104 17.5 45	105 4 18	106 19 17	100 0.85 6	100 0.10 5	101 0.34 5
RG 240056 98154842 24 056	13	RG 210157 RG 200099	90 62	118 65	107 47	90 34	118 34	120 45			109 8	94 0.84 66	90 0.34 48	108 16 34	118 22.3 65	107 0.5 47	118 86 49	119 33.9 34	111 111 18		107 15.1 19	116 -19.9 37	110 -6.1 22	117 25.4 42	108 6 19	112 25 19	109 1.74 9	100 0.10 8	111 0.91 8
RG 240058 98142805 24 058		RG 210157 RG 160107	82 63	129 65	112 49	81 29	105 29	114 44				87 1.43 67	90 0.33 49	120 29 29	129 29.1 65	112 2.0 49	128 109 48	130 42.0 39	121 148 14		114 19.0 16	93 -1.7 27	109 -5.9 16	109 20.4 44	124 15 16	126 38 15			
RG 240061 98143209 24 061		RG 210157 RG 190003	93 62	111 63	98 46	95 28	107 28	105 43				97 0.61 66	89 0.38 46	103 11 28	111 18.3 63	98 -2.0 46	107 58 46	110 26.9 34	102 80 12		101 11.7 12	107 -12.8 26	102 -4.6 18	108 19.9 40	102 3 12	102 15 12			
RG 240065 98142748 24 065		RG 210157 RG 160043	89 62	113 64	103 48	87 27	97 32	96 44				95 0.73 66	82 0.64 48	113 22 27	113 19.8 64	103 -0.6 48	109 63 46	114 29.9 35	102 80 13		102 12.0 13	91 -0.6 34	90 -2.1 18	112 22.4 44	103 3 13	103 16 13			
RG 240066 98142607 24 066		RG 200045 RG 150026	102 64	106 67	91 51	90 32	104 33	96 47				101 0.25 68	102 -0.12 50	110 18 32	106 15.9 67	91 -3.9 51	94 28 50	104 22.2 42	98 66 14		101 11.8 14	119 -22.5 35	87 -1.4 20	107 18.9 45	97 0 14	99 12 14			
RG 240067 98142664 24 067		VOVA170172 RG 150123	98 66	106 67	107 55	101 41	97 42	105 51			97 8	99 0.39 69	97 0.08 56	97 4 41	106 15.7 67	107 0.5 55	112 71 54	106 23.6 52	100 74 27	102 -41 5	109 16.2 41	112 -17.1 46	81 -0.3 26	104 17.3 53	93 -2 41	94 8 40	100 0.85 9	86 -0.70 8	98 0.19 7
RG 240071 98154578 24 071		RG 200045 RG 190102	101 62	104 66	107 47	88 29	102 32	100 45				101 0.28 67	99 -0.01 46	111 20 29	104 14.2 66	107 0.6 47	103 49 47	103 21.0 38	101 77 12		99 10.5 13	105 -11.1 34	94 -2.8 19	109 20.2 42	101 2 13	101 14 13			
RG 240072 98142615 24 072		RG 200045 RG 150072	110 61	95 64	112 48	84 16	98 24	95 41				107 -0.26 65	105 -0.24 47	115 25 16	95 9.1 64	112 2.0 48	96 33 43	94 14.2 36	100 74 12		105 13.7 13	101 -8.2 21	87 -1.4 10	108 20.1 40	107 6 13	105 18 13			

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																														
RG 240075 98142573 24 075		VOVA170172 RG 140136	114 65	97 66	88 54	128 39	97 42	110 50			88 8	114 -0.83 68	95 0.15 56	72 -25 39	97 10.6 66	88 -4.8 54	98 37 53		98 17.5 50	93 46 28	90 -29 5	100 11.1 41	98 -5.7 46	96 -3.2 27	101 15.6 52	89 -5 42	86 0 41	91 -0.02 9	87 -0.63 8	100 0.28 8
RG 240077 98154545 24 077	3	RG 200045 RG 190087	96 62	108 66	78 47	90 34	103 33	86 46			97 5	92 0.97 67	111 -0.49 46	111 19 34	108 16.6 66	78 -7.6 47	84 5 49		105 23.3 40	100 70 22		106 14.4 24	101 -8.5 36	99 -3.9 22	108 19.6 42	98 1 24	100 14 24	97 0.51 5	101 0.16 5	98 0.16 5
RG 240081 98154933 24 081	4	RG 220001 RG 210044	83 61	118 63	94 45	87 37	120 35	108 45			109 9	83 1.73 65	105 -0.27 45	113 21 37	118 22.2 63	94 -3.2 45	106 56 48		118 32.8 42	111 114 21		116 20.1 22	117 -20.7 39	121 -8.2 24	110 20.7 43	111 8 22	116 29 22	109 1.77 9	106 0.48 9	113 1.06 8
RG 240082 98154958 24 082	1	RG 210204 RG 210052	80 61	115 63	94 46	81 35	107 32	92 44			106 8	81 1.95 65	105 -0.24 46	121 31 35	115 20.9 63	94 -3.2 46	100 42 48		114 29.7 39	109 105 18		107 15.0 19	98 -5.7 34	104 -4.9 21	114 23.3 42	107 6 19	111 24 19	105 1.31 9	101 0.18 8	106 0.66 8
RG 240083 98155187 24 083	2	RG 220001 RG 210194	84 59	109 62	97 42	87 30	112 33	98 43			99 8	84 1.66 64	105 -0.23 43	113 22 30	109 17.5 62	97 -2.3 42	100 42 45		111 27.2 39	102 81 19		107 15.0 20	113 -17.3 36	108 -5.8 20	108 19.6 42	100 1 21	103 16 20	101 1.00 9	99 0.05 8	108 0.72 8
RG 240085 98154925 24 085	4	RG 220001 RG 210039	88 59	112 62	90 42	85 32	107 33	93 43			102 9	86 1.50 64	110 -0.45 43	116 25 32	112 19.2 62	90 -4.3 42	96 33 45		112 28.5 39	104 88 21		113 18.4 22	103 -10.2 38	104 -4.8 20	110 20.8 42	104 4 22	108 21 22	102 1.09 9	99 0.05 9	100 0.32 8
RG 240086 6020711278 RG 240086		RG 200117 RG 150021	85 63	120 56	82 47	79 36	88 35	77 44				86 1.49 67	101 -0.11 48	125 36 36	120 23.9 56	82 -6.3 47	95 31 46		114 30.2 36	118 137 14		116 20.1 14	90 0.7 37	75 0.9 23	109 20.4 46	120 13 14	122 34 14			
RG 240087 98155013 24 087	2	RG 220001 RG 210091	87 59	123 62	97 42	78 30	113 32	106 42			116 8	87 1.38 64	102 -0.13 42	125 35 30	123 25.3 62	97 -2.4 42	108 61 45		124 37.7 40	116 132 19		119 22.1 21	104 -11.0 36	116 -7.2 19	110 20.7 41	116 11 21	121 33 20	116 2.45 9	105 0.40 8	113 1.03 8
RG 240088 98154941 24 088	1	RG 210204 RG 210045	86 61	116 63	89 44	83 31	114 34	99 44			106 8	84 1.62 65	109 -0.40 46	119 29 31	116 21.2 63	89 -4.6 44	98 36 46		118 32.6 42	109 106 19		107 15.4 20	104 -10.9 39	115 -7.0 22	114 23.7 42	104 4 20	110 22 20	106 1.49 9	108 0.55 8	111 0.92 8
RG 240096 98142623 24 096		RG 200117 RG 150076	78 62	127 64	91 44	74 28	96 35	86 44				80 2.02 66	101 -0.09 48	133 44 28	127 27.4 64	91 -3.9 44	104 52 45		121 35.1 39	123 154 12		120 22.5 13	88 2.2 38	101 -4.3 20	101 15.5 46	127 17 13	129 40 13			
RG 240097 98154560 24 097		RG 160026 RG 190101	92 65	108 66	103 55	81 44	109 43	98 51			102 6	95 0.76 68	93 0.22 54	121 31 44	108 16.9 66	103 -0.6 55	100 43 55		111 27.4 49	106 93 22		110 16.8 23	101 -8.3 49	115 -7.2 29	104 17.6 51	110 7 23	110 23 23	101 0.91 7	103 0.31 6	97 0.13 6
RG 240101 98143019 24 101		VOVA170172 RG 170131	106 65	104 67	112 53	99 38	93 41	106 49			97 8	106 -0.20 68	97 0.07 54	98 5 38	104 14.4 67	112 1.8 53	113 73 53		107 24.3 52	102 78 28	102 -41 6	109 16.4 42	97 -4.8 45	89 -1.8 25	101 15.6 52	95 -1 42	96 9 41	99 0.74 9	90 -0.46 8	100 0.29 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																														
RG 240104		RG 200045	96	101	95	90	107	94				93	108	109	101	95	92		100	92		95	125	99	97	92	92			
98142946		RG 170090	64	67	49	27	32	45				0.89	-0.38	17	12.8	-2.7	23		19.3	43		8.2	-26.7	-3.9	13.0	-3	6			
24 104												68	49	27	67	49	48		40	12		13	34	18	45	13	13			
RG 240105		RG 200045	111	95	96	96	96	92				110	101	102	95	96	89		93	94		99	100	85	108	100	97			
98142714		RG 150176	61	63	48	14	23	40				-0.46	-0.11	10	9.3	-2.6	16		13.6	50		10.6	-7.1	-1.1	20.0	1	11			
24 105												65	46	14	63	48	42		34	12		13	19	10	40	13	13			
RG 240110		VOVA170172	92	110	104	97	99	103		97		93	98	101	110	104	112		110	101	99	110	110	87	105	91	93	101	86	99
98142979		RG 170109	65	67	54	38	41	50		8		0.90	0.02	8	18.1	-0.4	71		26.5	76	-38	16.8	-15.0	-1.4	17.9	-4	7	0.98	-0.71	0.26
24 110										68	54	38	67	54	53			52	27	5		41	46	26	52	41	40	9	8	7
RG 240112	13	RG 210204	88	116	86	92	111	101		101		85	112	107	116	86	100		116	105		100	112	103	113	103	105	103	96	109
98155096		RG 210116	61	63	45	30	34	44		10		1.56	-0.54	15	21.2	-5.3	43		31.6	89		11.3	-17.2	-4.6	22.6	3	18	1.18	-0.14	0.81
24 112												65	45	30	63	45	46		42	20		21	36	22	43	22	21	11	10	10
RG 240119		RG 200045	99	103	112	89	100	100				101	92	109	103	112	107		100	102		104	105	86	110	104	104			
98154586		RG 190108	62	65	45	25	31	43				0.23	0.26	17	13.6	1.9	58		19.4	79		13.4	-11.4	-1.2	21.1	4	17			
24 119												67	46	25	65	45	45		38	12		13	33	19	42	13	13			
RG 240120		RG 200045	94	101	118	88	94	95				95	98	110	101	118	109		99	104		108	93	84	110	111	109			
98142656		RG 150117	61	63	47	19	25	41				0.75	0.02	18	12.6	3.6	64		18.3	86		15.5	-2.2	-0.8	21.2	8	22			
24 120												65	46	19	63	47	43		35	12		13	22	12	40	13	13			
RG 240122		RG 210157	87	115	113	90	109	113				92	88	108	115	113	121		117	106		100	116	98	110	100	106			
98142797		RG 160106	63	65	50	32	34	46				1.03	0.40	16	20.9	2.3	92		31.9	93		11.3	-20.2	-3.7	20.7	2	19			
24 122												67	49	32	65	50	49		40	13		13	36	22	45	13	13			
RG 240123	1	RG 210157	82	123	107	84	113	113		114		85	96	116	123	107	120		123	117		114	112	107	112	115	119	114	98	110
98154826		RG 200090	62	64	46	31	33	44		8		1.56	0.11	26	25.7	0.5	90		37.0	133		19.1	-16.7	-5.4	22.4	10	31	2.22	-0.02	0.88
24 123												66	47	31	64	46	47		39	18		19	37	20	43	19	19	9	8	8
RG 240127		RG 200019	103	102	85	117	107	108				103	98	86	102	85	94		105	97		93	107	107	104	93	90			
98149792		RG 180147	64	66	51	34	34	47				0.08	0.02	-9	13.4	-5.6	29		22.8	63		7.2	-12.6	-5.5	17.2	-3	4			
24 127												67	52	34	66	51	50		42	16		17	36	21	46	18	17			
RG 240132		RG 200019	105	102	80	113	106	103				105	97	90	102	80	88		102	97		93	103	111	101	95	92			
98149727		RG 170011	64	65	51	33	30	46				-0.07	0.06	-4	13.3	-7.0	13		20.5	60		7.2	-10.1	-6.3	15.6	-2	6			
24 132												68	52	33	65	51	50		40	16		17	29	15	46	18	17			
RG 240140	3	RG 200045	106	99	86	110	103	101		90		101	113	92	99	86	88		98	94		99	109	96	105	85	92	92	102	
98143233		RG 190069	62	66	47	32	32	45		5		0.23	-0.56	-2	11.3	-5.3	15		17.5	51		10.4	-14.3	-3.3	18.0	-7	5	0.05	0.23	
24 140												67	46	32	66	47	48		40	18		19	35	20	42	19	19	5	5	
RG 240149		RG 200045	95	108	111	86	95	97				96	96	114	108	111	109		106	110		113	93	94	103	110	112			
98154685		RG 190188	62	65	46	28	31	44				0.64	0.11	23	16.8	1.6	64		23.6	110		18.4	-1.7	-2.8	16.9	7	25			
24 149												67	45	28	65	46	46		38	12		13	33	18	42	13	13			

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																													
RG 240151 98154875 24 151		VOVA170172 RG 200125	89 65	112 66	100 51	97 40	96 41	99 49			103 8	89 1.25 68	102 -0.12 53	101 8 40	112 19.2 66	100 -1.4 51	111 68 52	112 28.0 50	107 96 27	107 -47 5	111 17.3 41	100 -7.6 46	91 -2.3 26	102 16.3 51	100 1 41	101 14 40	103 1.18 9	92 -0.39 8	107 0.70 7
RG 240159 98142508 24 159		RG 160026 RG 130148	99 65	107 66	85 58	88 43	107 42	93 51			89 6	100 0.31 67	94 0.17 56	113 22 43	107 15.9 66	85 -5.6 58	88 14 56	110 26.6 49	93 45 22		100 11.3 23	102 -9.4 48	116 -7.3 27	99 14.0 51	99 1 23	97 11 23	88 -0.36 7	102 0.24 6	96 0.06 6
RG 240162 98142870 24 162		RG 200117 RG 170054	81 58	117 59	95 40	80 21	94 27	84 39				86 1.47 62	88 0.42 44	123 34 21	117 22.0 59	95 -2.8 40	102 47 40	111 27.3 34	112 117 12		114 19.2 13	85 4.2 26	93 -2.6 15	108 19.6 40	122 14 13	119 31 13			
RG 240167 98154792 24 167		VOVA170172 RG 200077	89 65	114 67	114 52	78 41	107 41	105 50			111 8	92 0.98 68	94 0.19 53	124 35 41	114 20.3 67	114 2.4 52	113 72 53	116 31.6 52	113 120 28	113 -53 5	124 25.0 42	101 -8.3 47	111 -6.3 26	104 17.2 50	107 5 42	110 23 41	110 1.88 9	98 -0.03 8	110 0.86 8
RG 240169 98154537 24 169		VOVA170172 RG 190077	85 65	107 67	96 52	100 42	104 42	98 50	94 20	92 44	90 8	86 1.47 68	100 -0.05 54	98 5 42	107 16.2 67	96 -2.5 52	104 51 54	109 25.7 52	95 55 32	90 -29 5	111 17.4 45	105 -11.5 47	101 -4.3 27	105 17.6 51	88 -6 46	89 3 44	91 -0.04 9	92 -0.34 8	99 0.23 8
RG 240182 98154727 24 182	3	RG 200019 RG 200021	98 63	102 57	97 49	90 35	111 34	99 44			102 5	98 0.49 67	98 0.01 51	109 18 35	102 13.3 57	97 -2.3 49	94 28 47	104 22.0 38	107 98 17		108 15.5 18	107 -13.1 36	112 -6.5 21	107 19.2 44	104 4 18	104 17 18	102 1.02 5	105 0.38 5	
RG 250004 99670952 25 0004		RG 200019 RG 180137	105 63	92 65	98 51	116 33	102 34	103 46				105 -0.10 67	96 0.11 51	87 -8 33	92 7.5 65	98 -2.0 51	94 27 50	91 12.0 34	93 48 13		93 7.0 14	105 -11.4 36	100 -4.0 20	102 15.7 45	91 -4 14	87 1 14			
RG 250006 99670812 25 0006		RG 200019 RG 170124	111 64	97 58	94 50	91 31	107 34	98 44				107 -0.21 68	109 -0.40 52	108 16 31	97 10.4 58	94 -3.0 50	87 12 46	99 18.3 38	104 88 16		100 11.2 17	103 -10.1 36	112 -6.5 21	103 16.6 46	101 2 18	98 12 17			
RG 250009 99670614 25 0009		RG 200117 RG 150125	80 63	131 64	82 49	77 32	103 35	93 46				82 1.85 67	99 -0.03 49	128 39 32	131 30.2 64	82 -6.4 49	104 52 48	126 38.9 36	119 141 14		120 22.3 14	108 -13.6 37	94 -2.9 23	107 19.0 46	118 12 14	123 35 14			
RG 250014 99670697 25 0014	2	RG 200117 RG 170035	83 62	126 64	117 47	72 26	93 34	100 44			129 8	84 1.67 66	102 -0.13 46	132 44 26	126 27.2 64	117 3.3 47	123 95 46	120 34.9 35	131 183 17		127 26.7 18	85 4.2 37	89 -1.8 22	109 20.6 44	129 18 18	136 47 17	126 3.39 8	100 0.14 8	112 0.96 8
RG 250016 99670895 25 0016		VOVA170172 RG 180076	102 64	99 66	120 51	100 36	100 40	110 48			93 10	103 0.10 67	95 0.15 52	97 4 36	99 11.8 66	120 4.2 51	116 80 51	100 19.2 48	98 65 28	98 -37 6	108 15.5 42	105 -11.0 45	96 -3.2 25	102 16.3 51	88 -6 42	90 4 41	95 0.35 10	88 -0.59 9	99 0.24 8
RG 250026 99674145 25 0026	1	RG 220122 RG 220068	99 60	103 63	84 44	89 32	115 34	96 44			96 8	94 0.87 64	117 -0.72 44	111 20 32	103 13.8 63	84 -6.0 44	84 4 46	105 23.0 34	103 84 20		104 13.6 21	116 -20.4 38	109 -5.9 21	111 21.7 42	99 1 22	100 13 21	99 0.72 9	96 -0.15 8	105 0.56 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																															
RG 250027 6020033863 25 0027	1	RG 220122 RG 220045	97 59	110 63	95 43	88 32	114 33	106 43			107 8	95 0.78 64	108 -0.38 43	112 21 32	110 17.8 63	95 -2.9 43	99 40 46	112 28.6 36	112 116 20		117 20.8 26	114 -18.7 38	108 -5.7 20	112 22.5 40	111 8 27	111 23 26	109 1.71 9	93 -0.30 8	110 0.85 8		
RG 250028 99674236 25 0028	2	RG 220127 RG 220136	100 59	113 63	99 44	82 31	111 33	106 43			105 10	97 0.57 64	109 -0.41 43	119 29 31	113 19.4 63	99 -1.7 44	102 47 46	114 29.9 32	109 105 19		111 17.6 20	117 -20.5 38	98 -3.6 20	114 23.4 40	105 4 20	109 22 20	106 1.39 10	97 -0.07 9	101 0.33 8		
RG 250029 99674269 25 0029	4	RG 220122 RG 220153	105 60	104 63	84 44	96 33	111 33	101 44			97 8	102 0.19 64	107 -0.34 44	103 10 33	104 14.6 63	84 -6.0 44	88 15 47	106 23.4 34	104 86 19		105 14.0 20	113 -17.3 35	102 -4.4 22	113 22.5 42	104 4 20	103 16 20	100 0.88 9	94 -0.22 8	103 0.50 8		
RG 250031 99674327 25 0031	1	RG 220122 RG 220214	97 60	108 62	84 43	92 33	113 32	99 43			103 8	91 1.07 64	117 -0.73 44	107 16 33	108 16.8 62	84 -5.8 43	91 21 46	110 26.7 33	110 108 20		112 18.1 22	109 -14.5 35	110 -6.0 21	112 22.0 41	105 4 22	108 21 22	106 1.40 9	98 -0.02 8	108 0.75 8		
RG 250034 99674053 25 0034	1	RG 220122 RG 220036	91 59	121 63	88 43	79 32	117 33	106 43			117 8	88 1.34 64	112 -0.52 43	124 35 32	121 24.4 63	88 -4.6 43	101 44 46	122 36.3 36	121 148 22		125 25.1 28	114 -18.8 39	115 -7.1 20	112 22.3 41	121 14 28	121 33 27	117 2.50 9	94 -0.22 8	114 1.06 8		
RG 250037 99674343 25 0037	16	RG 220122 RG 220220	111 60	109 61	87 44	86 32	117 33	109 43			105 10	106 -0.13 64	113 -0.58 45	114 24 32	109 17.5 61	87 -5.1 44	92 22 46	113 28.7 34	111 112 21	100 -40 5		108 15.8 22	116 -20.1 36	109 -5.8 22	116 24.7 41	115 10 23	112 25 22	107 1.57 11	92 -0.39 10	111 0.89 10	
RG 250038 99674186 25 0038	3	RG 220127 RG 220090	101 59	114 63	97 43	86 32	114 33	111 43			110 10	95 0.71 64	116 -0.68 43	114 23 32	114 20.3 63	97 -2.2 43	105 53 46	116 31.7 32	114 121 22		118 21.5 23	118 -21.8 38	101 -4.2 20	115 24.1 40	107 5 23	115 27 23	110 1.79 10	103 0.29 9	105 0.59 9		
RG 250044 99674087 25 0044		RG 220127 RG 220048	114 54	95 57	113 37	97 19	105 25	110 36			91 8	111 -0.60 59	104 -0.22 36	100 8 19	95 9.0 57	113 2.3 37	103 50 38	96 16.2 23	96 59 15		98 9.8 16	106 -12.1 25	92 -2.5 15	116 24.4 34	101 2 16	97 11 16	91 -0.08 9	87 -0.64 8	82 -0.71 8		
RG 250049 6020033871 25 0049	14	RG 220127 RG 220097	110 61	107 62	102 45	94 30	113 33	116 43			100 12	106 -0.15 65	108 -0.37 45	104 12 30	107 16.0 62	102 -0.9 45	105 54 46	109 26.2 32	105 91 21	95 -33 5		103 13.0 22	116 -19.7 35	97 -3.4 21	119 26.9 42	103 3 23	104 17 22	101 0.92 12	95 -0.19 11	106 0.65 11	
RG 250053 6020033889 25 0053	13	RG 220122 RG 220102	95 61	119 63	91 45	88 32	123 34	117 44			117 10	91 1.06 65	112 -0.54 45	112 21 32	119 23.0 63	91 -4.0 45	106 55 47	119 34.1 34	121 150 20	111 -51 5		118 21.6 22	120 -23.1 39	120 -8.1 22	116 24.7 42	127 17 22	125 37 22	117 2.50 11	93 -0.32 10	114 1.08 10	
RG 250055 6020021843 25 0055		RG 200045 RG 160043	97 63	102 63	99 47	93 23	92 30	89 43				98 0.48 67	97 0.06 47	105 12 23	102 13.3 63	99 -1.6 47	98 37 44	101 19.5 34	95 54 14		99 10.4 14	95 -3.3 32	80 0.0 16	109 20.2 43	97 -1 14	95 9 14	93 0.12 5				
RG 250059 99670531 25 0059		RG 200045 RG 140144	103 64	108 67	86 50	96 26	102 34	97 46			98 5	101 0.22 68	102 -0.15 49	103 10 26	108 16.6 67	86 -5.4 50	94 27 48	107 24.1 36	100 73 15		96 8.8 16	101 -8.2 35	100 -4.0 21	106 18.7 45	102 2 16	101 15 16	99 0.79 5	98 -0.01 5			

Breeding Values and Accuracies: Cows

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

Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																	
Animal				Selection Values							Birth		Wean				Growth			Fertility				Frame		Carcass					
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																															
RG 250061		RG 200045		100	111	100	87	102	102				99	102	112	111	100	104		111	110		108	104	94	109	112	111			
99670903		RG 180100		61	63	46	22	28	42				0.42	-0.13	21	18.6	-1.5	52		27.7	107		15.5	-10.6	-2.9	20.2	8	24			
25 0061													65	46	22	63	46	44		35	15		16	26	16	42	17	16			
RG 250065		RG 200045		103	106	91	91	103	97				102	101	109	106	91	94		104	97		100	119	87	106	95	97			
99670580		RG 150026		64	66	51	32	33	46				0.17	-0.10	17	15.7	-3.9	28		22.2	60		11.1	-22.6	-1.4	18.4	-1	11			
25 0065													68	50	32	66	51	50		38	14		14	35	20	45	14	14			
RG 250066		RG 200045		93	109	110	87	111	109			110	92	106	112	109	110	110		106	112		110	120	100	110	114	117	111	98	106
99670622		RG 160057		63	66	49	27	33	45			6	1.01	-0.28	20	17.1	1.5	67		24.0	116		16.8	-22.8	-4.1	20.8	9	29	1.98	-0.04	0.62
25 0066													67	48	27	66	49	47		38	15		16	34	21	44	16	16	6	5	5
RG 250067		RG 200045		97	105	122	88	95	103				96	104	110	105	122	117		103	108		111	91	91	106	116	114			
99670473		RG 130065		63	65	49	19	26	42				0.67	-0.20	18	15.0	4.9	83		21.1	101		17.3	-0.2	-2.4	18.8	11	26			
25 0067													67	48	19	65	49	44		33	12		13	25	12	42	13	13			
RG 250069		RG 200045		107	105	88	99	102	99				106	100	99	105	88	93		102	100		103	107	94	105	101	100			
99671018		RG 190003		61	64	46	23	26	42				-0.17	-0.06	7	14.7	-4.9	25		20.7	73		12.6	-13.2	-2.9	17.7	2	14			
25 0069													66	45	23	64	46	44		31	12		13	23	16	39	13	13			
RG 250070	18	RG 220127		105	111	111	86	112	117			107	100	114	113	111	111	113		113	112	99	108	119	95	117	106	111	109	100	119
99674335		RG 220215		61	61	44	32	33	43			12	0.35	-0.61	22	18.5	1.6	72		29.4	117	-38	15.7	-22.2	-3.1	25.4	5	24	1.74	0.10	1.36
25 0070													65	45	32	61	44	46		32	21	5	23	36	22	41	23	23	13	11	11
RG 250071	2	RG 220127		112	99	100	100	104	105			95	108	107	98	99	100	97		101	100		104	100	97	112	97	100	95	95	95
99674244		RG 220143		59	63	44	30	32	43			10	-0.36	-0.35	5	11.3	-1.5	36		19.8	71		13.3	-7.3	-3.6	22.3	0	13	0.38	-0.16	0.01
25 0071													64	43	30	63	44	46		29	19		20	37	20	40	20	20	10	9	8
RG 250072	2	RG 220127		98	118	115	77	113	117			119	98	101	125	118	115	117		120	121		121	105	111	114	119	124	118	106	114
99674400		RG 230018		61	62	44	34	34	44			10	0.52	-0.09	36	22.5	2.8	82		34.8	148		23.2	-11.7	-6.3	23.4	13	36	2.60	0.46	1.07
25 0072													65	45	34	62	44	47		34	20		21	38	22	41	21	21	10	9	8
RG 250074	14	RG 220127		116	109	103	91	114	120			105	110	112	108	109	103	106		111	109	97	104	119	97	117	106	108	106	98	112
99674038		RG 220030		61	63	45	30	34	44			12	-0.52	-0.54	16	17.1	-0.7	56		27.7	104	-36	13.6	-22.6	-3.5	25.6	5	21	1.41	-0.04	0.98
25 0074													65	45	30	63	45	46		34	21	5	23	39	21	41	23	22	12	11	11
RG 250076	13	RG 220122		95	109	94	80	118	102			105	91	111	123	109	94	95		111	111	102	110	116	110	117	118	114	106	88	103
6020033947		RG 220124		60	63	45	31	32	43			10	1.05	-0.48	33	17.6	-3.0	29		27.8	111	-42	17.1	-19.9	-6.1	25.6	12	26	1.47	-0.62	0.49
25 0076													64	45	31	63	45	46		32	20	5	22	34	21	41	22	22	11	10	10
RG 250078	1	RG 200045		94	115	100	94	113	113			107	92	106	104	115	100	112		114	108		108	116	102	114	106	110	108	99	109
99671281		RG 200099		63	66	47	31	32	45			8	0.99	-0.29	12	20.7	-1.5	70		30.2	102		15.8	-20.2	-4.5	23.3	5	23	1.65	0.03	0.78
25 0078													67	47	31	66	47	48		37	18		20	35	20	42	20	19	9	8	8
RG 250080		RG 200045		101	106	106	91	106	107				102	97	107	106	106	107		106	102		105	112	103	102	99	104			
99670960		RG 180140		63	66	48	31	33	45				0.16	0.07	15	15.7	0.4	59		23.5	80		14.1	-16.5	-4.6	16.3	1	17			
25 0080													67	47	31	66	48	48		38	16		17	35	21	44	18	17			

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																														
RG 250083		VOVA170172	100	99	96	100	99	94			84	103	91	99	99	96	95		99	89	88	102	101	91	106	83	81	87	85	88
99670630		RG 160096	65	65	53	36	41	49			8	0.12	0.30	6	11.8	-2.5	30		18.3	32	-26	12.2	-8.6	-2.3	18.5	-9	-5	-0.43	-0.77	-0.36
25 0083												68	54	36	65	53	51		46	27	5	41	46	25	52	41	40	9	8	8
RG 250085		VOVA170172	97	104	101	105	94	99			87	99	94	94	104	101	106		103	91	92	104	94	91	103	87	84	89	85	89
99670671		RG 160147	65	66	54	37	41	49			8	0.43	0.17	0	14.3	-1.1	56		21.2	40	-31	13.7	-2.5	-2.2	16.5	-6	-2	-0.27	-0.76	-0.35
25 0085												68	56	37	66	54	52		46	27	5	41	46	25	52	41	40	9	8	8
RG 250089		RG 200019	82	120	94	89	111	105				82	103	110	120	94	110		119	120		112	111	117	99	114	116			
99671232		RG 200067	63	66	50	32	35	46				1.79	-0.17	19	23.6	-3.0	65		33.5	145		18.1	-16.4	-7.5	14.3	10	29			
25 0089												67	50	32	66	50	49		36	14		14	38	20	46	15	14			
RG 250091		VOVA170172	103	95	104	125	98	111			87	105	92	75	95	104	109		93	91	92	103	108	91	99	85	85	88	87	97
99671000		RG 180176	65	67	53	39	41	50			8	-0.10	0.25	-21	9.3	-0.2	64		13.6	40	-31	12.9	-13.9	-2.3	14.2	-7	-1	-0.36	-0.64	0.12
25 0091												68	54	39	67	53	53		46	26	5	40	46	25	51	41	39	8	7	7
RG 250093	3	RG 200019	92	105	78	97	103	86			100	93	99	102	105	78	85		103	106		107	103	99	107	102	101	102	96	
99671307		RG 200106	60	52	41	27	30	39			5	0.93	0.00	10	15.0	-7.5	6		21.3	93		15.1	-10.0	-3.9	18.8	3	14	1.05	-0.14	
25 0093												64	46	27	52	41	40		34	17		18	31	17	43	18	18	5	5	
RG 250095		VOVA170172	87	111	96	100	97	97			99	90	93	98	111	96	108		109	103	101	116	102	91	101	94	98	100	92	104
99671273		RG 200091	65	66	50	35	41	48			8	1.14	0.20	5	18.5	-2.5	61		26.0	82	-41	20.3	-8.9	-2.2	15.7	-2	11	0.83	-0.34	0.54
25 0095												68	53	35	66	50	50		46	28	5	42	47	26	50	42	41	9	8	8
RG 250096		RG 200045	98	109	89	92	97	91				95	107	107	109	89	96		106	103		102	93	90	110	104	103	100		
99670663		RG 160143	64	64	49	26	32	44				0.72	-0.32	16	17.3	-4.5	32		23.6	83		12.1	-1.8	-2.0	21.0	3	16	0.82		
25 0096												68	49	26	64	49	46		34	15		16	33	18	44	16	16	5		
RG 250098	3	RG 200019	85	108	79	91	100	81			99	88	95	109	108	79	86		106	104		105	101	98	102	99	100	99	101	
99671182		RG 200014	63	65	50	34	34	46			5	1.30	0.14	17	16.8	-7.2	10		23.4	88		14.1	-8.5	-3.6	16.3	1	13	0.79	0.14	
25 0098												67	50	34	65	50	50		36	17		18	36	20	45	18	18	5	5	
RG 250105	3	RG 200045	96	109	88	89	99	90			101	95	103	111	109	88	94		106	103		108	105	91	104	102	105	102	97	
99671091		RG 190119	63	66	48	31	32	45			5	0.76	-0.17	19	17.5	-4.8	27		23.5	84		15.7	-11.6	-2.3	17.4	2	18	1.04	-0.04	
25 0105												67	47	31	66	48	48		36	16		17	34	21	42	17	17	5	5	
RG 250107	3	RG 200019	82	111	91	89	96	84			109	82	104	111	111	91	98		109	115		111	94	98	99	110	111	109	101	
99671117		RG 190159	63	65	50	35	34	46			5	1.79	-0.20	20	18.6	-3.9	38		25.8	126		17.6	-2.4	-3.7	14.4	7	24	1.75	0.17	
25 0107												67	51	35	65	50	50		36	17		18	37	20	45	18	18	5	5	
RG 250109		RG 200045	96	105	108	93	99	100				95	104	105	105	108	107		103	106		108	107	88	106	108	110			
99671026		RG 190005	60	64	46	24	28	42				0.77	-0.20	13	14.8	0.8	59		21.3	95		15.9	-12.7	-1.6	18.4	6	22			
25 0109												64	44	24	64	46	45		32	13		14	25	19	39	14	13			
RG 250111		RG 200019	90	97	95	98	93	82				91	99	100	97	95	90		96	94		95	101	89	97	92	89			
99671174		RG 190210	63	65	49	29	31	45				1.08	-0.02	7	10.3	-2.9	19		15.9	51		8.3	-8.3	-1.9	12.9	-3	3			
25 0111												67	50	29	65	49	48		34	14		14	28	19	45	15	14			

Breeding Values and Accuracies: Cows

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

Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																
Animal				Selection Values							Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
RG 250112 99671083 25 0112	3	RG 200019 RG 190115	89 63	107 66	83 51	95 35	100 34	86 47			102 5	90 1.16 67	99 -0.02 51	104 11 35	107 16.1 66	83 -6.1 51	90 19 51	104 22.4 36	107 99 17			108 15.5 18	102 -8.7 37	98 -3.7 20	101 15.4 45	102 3 18	103 16 18	102 1.01 5	101 0.17 5	
RG 250114 99670457 25 0114	1	RG 210204 RG 210092	82 61	125 63	99 46	85 34	116 34	112 45			119 10	79 2.05 65	112 -0.55 45	116 25 34	125 26.3 63	99 -1.8 46	115 78 48	124 37.5 36	120 146 22			123 23.9 28	113 -18.0 38	111 -6.2 21	114 23.4 42	113 9 28	120 33 27	118 2.67 10	103 0.27 9	115 1.13 9
RG 250119 99674046 25 0119	2	RG 220127 RG 220031	105 60	103 62	108 44	89 31	112 31	110 43			95 10	103 0.08 64	103 -0.16 44	109 18 31	103 13.6 62	108 1.0 44	104 51 46	106 23.9 32	100 72 19			102 12.2 20	111 -16.3 33	102 -4.5 20	116 24.6 40	99 1 20	100 13 20	96 0.42 10	99 0.02 9	98 0.16 8
RG 250125 99671299 25 0125		VOVA170172 RG 200104	80 64	123 66	98 50	84 35	92 40	92 48			117 8	83 1.73 67	97 0.08 52	116 26 35	123 25.7 66	98 -2.0 50	113 74 50	119 34.1 47	118 139 28	118 -58 5		130 28.2 42	93 -2.4 46	83 -0.7 25	107 18.9 50	113 9 42	116 29 41	116 2.44 9	94 -0.27 8	106 0.64 8
RG 250126 99670705 25 0126	2	RG 210157 RG 170036	85 63	117 65	101 50	88 30	100 34	100 46			105 8	88 1.34 67	96 0.11 49	111 19 30	121 22.1 65	101 -1.1 50	112 71 48	115 31.0 34	106 95 16			102 12.2 17	98 -6.3 36	92 -2.5 23	111 21.7 44	106 5 17	110 23 16	106 1.46 8	100 0.10 8	109 0.78 7
RG 250130 99671331 25 0130	1	RG 210204 RG 210053	85 61	123 63	102 45	81 32	110 31	108 44			115 8	85 1.57 65	103 -0.16 45	121 31 32	123 25.3 63	102 -0.8 45	114 75 47	125 38.1 33	117 136 15			111 17.6 16	102 -8.8 31	107 -5.4 19	115 24.3 42	116 11 17	119 32 16	115 2.32 8	100 0.13 8	106 0.64 7
RG 250131 99671133 25 0131	3	RG 210157 RG 190163	90 63	120 65	106 48	82 36	114 35	114 46			115 6	93 0.91 67	93 0.22 48	119 29 36	120 23.5 65	106 0.4 48	115 77 50	122 35.9 36	117 134 17			113 18.7 18	106 -12.0 38	117 -7.6 23	110 21.2 44	115 10 18	119 31 18	114 2.21 6	108 0.59 5	111 0.92 5
RG 250141 99670747 25 0141		RG 210157 RG 170056	89 62	111 65	110 49	89 29	101 34	102 45			99 6	91 1.11 66	96 0.09 48	109 18 29	111 18.3 65	110 1.4 49	113 73 48	110 27.1 34	102 80 14			99 10.3 14	106 -12.5 36	87 -1.4 21	111 21.4 44	102 2 14	103 16 14	99 0.73 6	98 -0.02 5	98 0.16 5
RG 250142 6020021876 25 0142	3	RG 210157 RG 200077	77 63	121 65	120 47	70 36	113 34	108 46			115 5	82 1.84 67	91 0.29 47	136 48 36	121 24.2 65	120 4.2 47	119 86 49	123 37.1 36	116 132 16			115 19.5 16	101 -8.6 37	118 -7.6 22	110 20.9 43	115 10 16	120 32 16	113 2.12 5	107 0.49 5	
RG 250143 99670655 25 0143	1	VOVA170172 RG 160107	93 65	111 66	115 54	101 35	98 37	112 48			103 8	95 0.77 68	95 0.13 54	97 3 35	111 18.5 66	115 2.8 54	125 100 52	111 27.5 46	105 89 28	105 -44 6		112 18.0 42	98 -5.6 39	98 -3.7 21	101 15.7 52	101 2 42	101 14 41	103 1.16 9	92 -0.38 8	102 0.38 8
RG 250148 99670648 25 0148		RG 200045 RG 160106	96 63	108 66	107 49	96 29	104 33	107 45				95 0.76 67	103 -0.16 48	102 9 29	108 16.7 66	107 0.4 49	111 69 48	107 24.3 37	101 74 14			99 10.8 14	118 -21.8 34	89 -1.8 21	106 18.6 44	96 -1 14	100 14 14			
RG 250149 99671349 25 0149	1	RG 210204 RG 210079	86 60	108 63	96 45	93 33	115 33	102 44			96 8	84 1.67 64	111 -0.48 44	105 13 33	108 16.5 63	96 -2.6 45	100 43 47	109 25.6 33	101 74 19			101 11.8 20	109 -14.2 37	112 -6.4 20	114 23.6 41	97 -1 20	101 14 19	98 0.62 9	99 0.03 8	99 0.23 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																														
RG 250151 99670820 25 0151		RG 200045	RG 170131	111 63	105 65	105 48	90 28	95 32	101 45				108 -0.32 67	105 -0.24 48	109 17 28	105 15.3 65	105 0.1 48	105 53 47	106 23.6 38	107 96 15		105 13.8 16	97 -4.9 33	88 -1.6 19	105 17.6 44	107 5 17	108 21 16			
RG 250152 99670879 25 0152		RG 210157	RG 170194	82 63	111 63	106 46	87 28	99 31	94 44				87 1.44 67	90 0.33 48	112 21 28	111 18.4 63	106 0.2 46	109 63 46	110 27.1 31	102 81 11		100 11.3 12	99 -7.0 31	97 -3.4 17	103 16.5 44	102 3 12	104 17 11			
RG 250154 99670796 25 0154		RG 200045	RG 170109	106 63	106 65	97 48	91 28	101 33	99 45				104 0.00 67	102 -0.14 48	108 17 28	106 15.8 65	97 -2.3 48	99 39 47	104 22.3 38	102 79 14		102 12.2 14	111 -16.4 34	84 -1.0 21	108 20.0 44	97 0 14	101 14 14			
RG 250156 99671323 25 0156	1	RG 210204	RG 210052	80 60	117 63	93 46	80 35	106 32	92 44		107 8		80 2.00 64	105 -0.25 46	122 33 35	117 21.8 63	93 -3.4 46	100 43 48	115 30.5 32	110 110 18		108 15.7 19	97 -5.2 34	105 -5.0 21	113 22.8 42	109 7 19	113 26 19	106 1.47 9	102 0.20 8	107 0.70 8
RG 250166 6020015779 25 0166		RG 210157	RG 170110	86 62	115 63	104 48	87 29	102 33	100 44				91 1.10 66	89 0.38 48	112 21 29	115 20.7 63	104 -0.3 48	112 69 47	113 28.8 34	109 106 11		110 16.7 12	89 1.2 35	104 -4.9 20	111 21.5 43	116 11 12	114 26 12			
RG 250168 6020015696 25 0168		RG 210157	RG 150090	91 60	110 61	101 47	88 20	98 25	95 40				95 0.75 64	91 0.31 48	111 20 20	110 18.1 61	101 -1.2 47	105 53 43	109 26.0 26	101 76 11		102 12.2 12	96 -4.2 22	96 -3.2 13	106 18.3 41	107 5 12	105 18 11			
RG 250173 6020021884 25 0173	1	RG 200019	RG 200087	102 64	101 66	72 50	139 32	111 36	114 47		89 8		101 0.22 67	100 -0.07 52	58 -41 32	101 12.4 66	72 -9.1 50	94 28 49	101 19.5 38	95 53 19		95 8.5 21	115 -19.2 39	109 -5.9 22	104 17.5 46	90 -5 21	89 3 20	91 -0.04 9	97 -0.05 8	101 0.34 8
RG 250174 6020021959 25 0174		RG 210204	RG 210166	87 61	112 63	102 44	88 30	111 33	104 43		103 8		85 1.58 65	110 -0.43 45	111 19 30	112 18.8 63	102 -1.0 44	107 58 46	111 27.9 36	106 93 19		107 15.0 25	109 -14.9 37	105 -5.1 19	112 22.0 42	99 1 26	103 17 25	104 1.21 9	96 -0.14 8	106 0.66 8
RG 250182 6020015720 25 0182	6	RG 200045	RG 160006	120 63	96 57	81 47	88 30	97 33	85 43		101 8		117 -1.05 67	104 -0.22 48	112 21 30	96 10.0 57	81 -6.9 47	74 -18 45	98 17.2 37	104 86 25		110 16.6 26	112 -16.6 34	84 -0.9 22	101 15.6 44	96 -1 26	105 18 26	102 1.09 8	102 0.22 7	100 0.32 7
RG 250184 6020015878 25 0184	3	RG 200045	RG 190112	96 63	111 57	82 45	87 29	99 33	87 43		107 5		94 0.82 67	105 -0.26 47	114 23 29	111 18.7 57	82 -6.5 45	90 18 44	108 25.1 36	108 102 16		112 17.8 17	101 -8.6 35	94 -2.8 21	104 17.5 43	106 5 17	111 24 17	106 1.48 5	101 0.17 5	
RG 250185 6020015704 25 0185		RG 200045	RG 150117	96 61	102 53	116 46	87 19	94 25	95 38				97 0.58 65	97 0.05 46	112 21 19	102 13.3 53	116 3.1 46	108 61 39	100 19.0 30	106 95 12		110 16.6 13	93 -1.6 22	84 -0.9 12	109 20.7 40	114 10 13	112 25 13			
RG 250187 6020015795 25 0187		RG 210157	RG 170136	89 63	112 54	105 45	87 27	102 32	100 41				92 0.99 67	92 0.27 48	113 22 27	112 19.3 54	105 -0.1 45	109 64 42	114 29.6 34	110 108 11		105 14.2 12	99 -6.5 32	104 -4.8 18	104 17.4 46	106 5 12	110 23 12			

Breeding Values and Accuracies: Cows

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

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
RG 250190 6020711203 25 0190	13	RG 210204 RG 210142	96 61	110 52	95 43	90 26	115 31	107 40			103 10	93 0.95 65	110 -0.44 46	109 17 26	110 17.7 52	95 -2.7 43	101 44 40	111 27.6 33	107 99 20		105 13.9 21	110 -15.2 33	110 -6.1 19	115 23.9 40	110 7 21	110 22 21	104 1.28 11	96 -0.11 10	107 0.70 10	
RG 250191 6020710510 25 0191	13	RG 220122 RG 220109	104 60	107 52	92 42	89 28	118 32	108 40			103 10	99 0.41 64	112 -0.53 45	110 19 28	107 15.9 52	92 -3.6 42	95 30 41	108 25.3 32	109 106 20	101 -40 5		110 16.6 22	119 -22.5 34	109 -5.9 21	115 24.0 40	115 10 22	111 24 22	105 1.35 11	88 -0.60 10	104 0.51 10
RG 250194 6020015670 25 0194		RG 200045 RG 130173	105 62	102 66	83 51	99 28	102 31	94 45				103 0.10 66	104 -0.21 49	100 7 28	102 13.5 66	83 -6.2 51	87 11 48	100 18.7 34	94 49 12		98 9.8 13	103 -9.7 31	100 -4.1 18	103 16.7 43	97 0 13	97 10 13				
RG 260005 6020293541 26 0005		RG 210157 RG 200125	79 62	118 55	105 45	86 34	102 34	100 43				82 1.83 66	98 0.04 47	113 22 34	118 22.6 55	105 0.1 45	115 78 45	118 33.1 34	110 109 12		102 12.1 13	101 -8.2 37	97 -3.6 22	108 19.9 43	108 6 13	111 24 13				
RG 260006 6020293533 26 0006	3	RG 210157 RG 190200	91 62	113 54	93 45	77 34	106 32	92 42			106 5	96 0.67 66	88 0.44 47	127 38 34	113 19.8 54	93 -3.4 45	95 31 44	114 29.8 34	107 99 16		108 15.9 16	100 -7.2 34	105 -5.0 22	111 21.6 41	107 6 16	110 23 16	105 1.35 5	103 0.27 5		
RG 260007 6020293509 26 0007		RG 210157 RG 170011	89 62	116 53	101 47	90 32	105 29	105 42				93 0.90 66	91 0.32 48	109 17 32	116 21.5 53	101 -1.0 47	112 71 44	116 31.0 32	106 93 14		101 11.8 16	99 -7.1 28	105 -5.0 16	108 19.7 43	107 6 16	109 22 15				
RG 260009 6020293517 26 0009		RG 210157 RG 170099	89 62	118 56	116 48	81 32	108 34	112 43				92 0.96 66	91 0.29 49	119 29 32	118 22.4 56	116 3.2 48	121 91 45	120 34.3 36	113 120 15		106 14.7 16	101 -8.2 36	108 -5.8 22	109 20.7 44	112 8 16	115 28 15				
RG 260010 6020293558 26 0010	1	RG 210157 RG 200130	87 62	116 55	97 46	83 34	112 33	102 43			103 8	91 1.06 66	91 0.30 48	118 28 34	116 21.3 55	97 -2.3 46	104 52 45	116 31.7 34	105 92 18		104 13.6 19	114 -18.6 37	100 -4.0 22	116 24.4 41	106 5 19	108 21 19	103 1.18 9	95 -0.16 8	103 0.46 8	
RG 260012 6020293525 26 0012		RG 210157 RG 170167	97 63	113 57	110 48	102 30	107 34	119 43			105 6	100 0.36 67	92 0.25 49	96 3 30	113 19.4 57	110 1.4 48	122 95 45	113 28.8 38	108 101 14		103 12.6 14	111 -16.1 36	101 -4.3 22	106 18.3 44	105 4 14	108 21 14	104 1.26 6	98 0.01 5	100 0.31 5	

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	
1	RG 230090 23 090	BOS 177146	RG 160106	0.0	HH	0	0	0		97 85	127 85	93 84	81 81	137 82	132 76	108 80	127 77	
2	RG 240125 24 125	VOVA170172	RG 160011	0.0	HH	0	0	0		100 84	112 85	134 82	96 79	107 80	130 75	115 78	127 76	
1	RG 230077 23 077	JAN 155002	RG 160057	0.9	PcH	0	0	0		95 85	115 85	98 83	79 81	134 81	120 76	123 80	119 77	
1	RG 230097 23 097	RG 200045	RG 170161	0.6	HH	0	0	0		91 84	129 84	102 81	82 79	103 79	111 75	118 78	110 76	
2	RG 240020 24 020	RG 200117	RG 180198	0.3	HH	0	0	0		111 83	125 84	91 81	81 79	103 80	111 75	109 78	108 76	
3	RG 240041 24 041	RG 210204	RG 210162	0.3	HH	0	0	0		95 83	125 84	93 81	82 79	112 80	112 75	120 78	111 76	
4	RG 240057 24 057	RG 210157	RG 180140	0.2	HH	1	0	0		95 84	109 85	122 81	84 80	116 80	119 75	102 78	114 76	
5	RG 240076 24 076	RG 200045	RG 160057	0.4	HH	1	0	0		98 84	104 85	109 82	86 80	117 80	110 75	113 78	108 76	
1	RG 210157 21 157	RG 150062	RG 150052	0.0	HH	1	0	0		76 92	129 92	110 86	77 85	105 85	108 81	116 83	106 81	
2	RG 220122 22 122	JAN 155002	RG 170124	0.6	HH	0	0	0		108 89	109 89	82 83	83 81	119 82	104 78	116 80	103 78	
3	RG 230124 23 124		RG 170109	0.0	PcH	0	0	0		90 81	127 81	93 79	73 77	113 78	105 73	121 76	105 74	
4	RG 240040 24 040	RG 220001	RG 210209	13.2	HH	0	0	0		97 82	112 83	94 80	83 78	115 79	105 74	112 78	103 75	
5	RG 240069 24 069	RG 200045	RG 180122	0.3	HH	0	0	0		87 85	122 85	96 82	82 80	107 81	103 76	108 80	100 77	
6	RG 240103 24 103	RG 200045	RG 190149	3.2	HH	0	0	0		95 85	121 86	99 83	79 81	109 81	107 76	109 80	104 77	
7	RG 240109 24 109	RG 200045	RG 170170	0.6	PcH	0	0	0		92 84	112 85	105 82	80 79	111 80	104 75	107 79	101 76	
8	RG 240116 24 116	RG 220001	RG 210082	3.8	HH	0	0	0		91 82	117 83	81 80	84 79	117 79	101 74	113 78	99 75	
9	RG 240121 24 121	RG 210157	RG 190005	0.1	HH	0	0	0		83 83	126 84	106 81	78 79	105 79	106 74	130 78	107 75	
10	RG 240180 24 180	VOVA170172	RG 150174	0.0	HH	0	0	0		77 85	121 84	130 83	83 81	95 81	109 76	94 79	103 77	
1	RG 200045 20045	RG 170156	RG 170098	0.3	HH	0	0	0		103 94	112 94	94 89	86 86	96 86	96 82	109 86	94 83	
2	RG 230048 23 048	BOS 177146	RG 180051	0.7	HH	0	0	0		86 85	127 85	60 84	84 81	115 82	93 76	115 80	92 77	

Selection List on Cow Value

Bulls 2 years and older

ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value											
Sorted on ID							nt821	Q204X	F94L	Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc											
									★★★★																				
3	RG	230116	23	116	RG 200045	RG 190188	0.0	HH	0	0	0		90	83	113	84	115	81	78	79	96	79	97	74	120	78	97	75	
4	RG	240017	24	017	RG 200117	RG 190114	0.0	HH	0	0	0		78	84	131	84	100	81	71	80	93	80	92	75	126	78	94	76	
5	RG	240029	24	029	RG 200117	RG 200066	3.2	PcH	1	0	0		72	84	135	84	94	81	63	80	108	80	95	75	126	78	97	76	
6	RG	240059	24	059	RG 210157	RG 140131	0.3	HH	1	0	0		76	84	130	84	94	82	82	80	99	80	97	75	116	78	97	76	
7	RG	240094	24	094	RG 160026	RG 130069	0.0	HH	1	0	0		81	85	117	85	102	83	74	81	107	81	94	76	111	80	93	77	
8	RG	240137	24	137	VOVA170172	RG 170036	0.3	HH	1	0	0		93	85	122	85	95	83	87	81	87	81	94	76	111	80	92	77	
									★★★★☆																				
1	RG	240016	24	016	RG 200117	RG 170073	0.0	HH	0	0	0		81	83	131	84	98	80	70	79	88	79	88	74	124	78	89	75	
									★★																				
1	RG	240025	24	025	RG 200117	RG 170169	0.0	HH	0	0	0		68	84	133	84	89	81	65	80	93	80	79	75	125	78	81	76	
2	RG	240090	24	090	RG 200117	RG 190145	3.2	HH	1	0	0		82	84	121	84	67	81	78	80	103	80	77	75	112	78	77	76	

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin nt821 Q204X F94L Genomic tested	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
											★★★★★★				
1	RG 170167	RG17167	FCK 130066	RG 110003	0.0		114 75	97 74	110 75	132 43	108 52	133 59			
2	RG 200099	20099	JAN 155002	RG 150052	0.0		95 71	116 71	100 71	100 54	130 49	132 59			
3	RG 220102	22 102	JAN 155002	RG 170075	0.0		93 68	111 69	107 64	111 49	127 49	134 55			
											★★★★★				
1	RG 160011	RG160011	RG 120053	RG 110012	0.0		93 74	94 74	146 78	108 45	106 47	126 59			
2	RG 160057	RG160057	LOU 122181	RG 130095	0.0		86 73	102 72	127 77	86 44	127 51	121 59			
3	RG 160107	RG160107	JSM 120032	RG 100011	0.0		99 72	108 71	123 75	98 40	104 36	120 55			
4	RG 180067	RG180067	RG 150039	RG 150123	0.0		82 71	111 69	116 68	90 35	124 46	120 54			
5	RG 190149	RG19149	RG 160026	RG 150052	0.0		87 70	119 71	107 70	83 57	125 49	121 59			
6	RG 200087	20087	JAN 155002	RG 130158	0.0		99 71	106 70	71 68	147 47	115 52	124 57			
7	RG 210044	21 044	RG 160026	RG 180176	0.0		96 69	96 70	106 67	113 58	122 49	120 58			
8	RG 230042	23 042	BOS 199209	RG 200099	2.0		106 59	108 67	88 53	115 36	124 40	127 48			
9	RG 240056	24 056	RG 210157	RG 200099	13.1		90 62	118 65	107 47	90 34	118 34	120 45			
											★★★★★				
1	RG 130065	RG130065			0.0		100 69	93 64	149 77	89 32	94 34	110 52			
2	RG 160106	RG160106	MAJ 080934	RG 110252	0.0		95 71	106 72	113 77	101 50	112 51	118 60			
3	RG 170035	RG17035	BOS 122206	RG 140176	0.0		94 70	98 71	155 71	90 31	87 48	111 54			
4	RG 170078	RG17078	RG 120053	RG 140120	0.0		78 73	99 72	155 76	75 47	110 50	112 59			
5	RG 170099	RG17099	FCK 130017	RG 070054	0.0		107 72	104 71	121 76	87 48	111 51	117 59			
6	RG 170161	RG 170161	FCK 130066	RG 110309	0.0		88 71	113 63	118 74	94 32	109 49	117 54			
7	RG 180076	RG180076	BOS 144138	RG 100038	0.0		95 67	106 68	128 68	85 40	108 49	115 54			
8	RG 180125	RG180125	BOS 144138	RG 130065	0.0		95 70	99 71	130 73	92 52	115 50	119 59			
9	RG 180140	RG180140	FCK 130017	RG 130125	0.0		112 72	93 72	118 75	97 55	116 52	119 60			
10	RG 180147	RG180147	FCK 130017	RG 070068	0.0		112 71	100 70	97 72	114 53	106 50	115 58			
11	RG 190163	RG19163	RG 160026	RG 150154	0.2		91 72	118 72	103 73	80 60	123 52	117 61			
12	RG 200067	RG 200067	RG 120053	RG 160106	0.0		80 69	111 70	129 67	88 49	115 51	119 57			
13	RG 200090	20090	JAN 155002	RG 110022	0.0		99 69	109 68	104 68	94 46	119 48	118 55			
14	RG 200126	20126	JAN 155002	RG 140129	0.0		102 65	105 66	115 66	79 44	119 49	115 54			

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	
							★★★★★								
15	RG 200170	20170	RG 160026	RG 170099	0.3		91 69	118 69	100 63	78 52	120 50	112 56			
16	RG 210053	21 053	RG 180038	RG 150123	0.0		84 67	124 68	116 64	76 52	106 38	110 54			
17	RG 210091	21 091	RG 180038	RG 180037	0.1		95 64	119 66	107 56	80 37	108 38	110 49			
18	RG 210092	21 092	VOVA170172	RG 170067	0.3		82 69	119 70	112 65	88 58	117 48	119 57	110 22	115 50	
19	RG 210124	21 124	JAN 155002	RG 140140	0.9		108 69	105 68	89 61	101 44	125 50	119 54			
20	RG 210140	21 140	JAN 155002	RG 150125	0.8		97 68	115 67	68 64	116 50	120 46	115 55			
21	RG 210142	21 142	JAN 155002	RG 130184	0.0		105 68	102 64	100 58	95 35	115 41	110 50			
22	RG 210162	21 162	VOVA170172	RG 170099	0.3		98 68	111 68	119 60	93 46	105 42	117 53			
23	RG 220037	22 037	VOVA170172	RG 190131	0.3		90 67	106 68	90 59	123 48	114 45	116 53	99 21	111 47	
24	RG 220049	22 049	VOVA170172	RG 190066	0.1		95 66	103 68	97 59	122 46	101 46	110 53			
25	RG 220053	22 053	VOVA170172	RG 190149	0.1		87 65	119 67	105 52	90 41	112 45	114 50			
26	RG 220109	22 109	JAN 155002	RG 110022	0.0		105 66	102 65	101 59	97 37	116 42	113 50			
27	RG 220111	22 111	JAN 155002	RG 170042	0.5		104 68	108 61	72 62	121 49	117 45	116 53			
28	RG 220112	22 112	JAN 155002	RG 140131	0.9		100 68	116 69	83 66	91 49	120 49	112 56			
29	RG 220220	22 220	JAN 155002	RG 170131	0.6		114 68	108 62	93 63	88 49	114 46	111 53	108 20	108 46	
30	RG 220221	22 221	RG 180038	RG 140136	0.3		97 65	115 58	89 57	108 41	105 36	111 48			
31	RG 230007	23 007	RG 200019	RG 150154	0.1		96 66	105 67	87 59	114 47	112 36	110 51			
32	RG 230053	23 053	BOS 177146	RG 170098	0.9		108 64	113 68	96 59	84 35	117 48	115 51	97 28	109 46	
33	RG 230094	23 094	BOS 144174	RG 170075	0.0		105 65	98 68	103 59	118 40	102 48	112 52	87 26	104 47	
34	RG 230107	23 107	JAN 155002	RG 170170	1.1		99 67	115 69	83 60	93 39	119 45	110 52			
35	RG 230113	23 113	BOS 177146	RG 150072	0.0		101 62	109 65	102 60	76 32	123 45	111 49	95 27	105 45	
36	RG 230158	23 158	JAN 155002	RG 180076	0.8		95 65	125 67	92 57	81 41	119 45	116 51	119 20	114 45	
37	RG 230172	23 172	JAN 155002	RG 170124	0.6		111 67	108 60	93 57	83 42	119 45	110 50	109 20	106 44	
38	RG 240035	24 035	RG 210204	RG 210111	12.6		97 61	113 63	87 46	101 30	115 33	111 44			
39	RG 240058	24 058	RG 210157	RG 160107	0.1		82 63	129 65	112 49	81 29	105 29	114 44			
40	RG 240075	24 075	VOVA170172	RG 140136	0.0		114 65	97 66	88 54	128 39	97 42	110 50			
41	RG 240122	24 122	RG 210157	RG 160106	0.0		87 63	115 65	113 50	90 32	109 34	113 46			
42	RG 240123	24 123	RG 210157	RG 200090	0.6		82 62	123 64	107 46	84 31	113 33	113 44			
							★★★★☆								
1	RG 170011	170011	JSM 120032	RG 100010	0.0		104 71	102 63	92 73	111 48	104 38	107 54			

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Inbreeding	Myostatin	Calving Ease	Calf Growth	Milk	Maint.	Fertility	Cow	Growth	Prod	
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	RG 170032	RG17032	BOS 122206	RG 150023	0.0		9368	10267	10464	10238	10051	10054			
3	RG 170042	RG17042	RG 140062	RG 140136	0.0		10171	9868	7668	13543	9948	10355			
4	RG 170067	RG17067	BOS 111174	RG 070318	0.0		8273	11971	8675	7864	12456	10262	10925	9955	
5	RG 170109	RG17109	MAJ 080934	RG 100029	0.0		10371	10872	9676	8846	10652	10159			
6	RG 170116	RG17116	FCK 130017	RG 100004	0.0		11573	9869	10171	9936	10650	10856			
7	RG 170124	RG17124	FCK 130017	RG 080056	0.0		12174	9371	11870	7644	10851	10558			
8	RG 170151	RG17151	BOS 111174	RG 120203	0.0		8875	10871	10875	7953	11356	10161	10525	9754	
9	RG 170170	RG17170	FCK 130066	RG 100039	0.0		9275	11175	9777	9435	10849	10458			
10	RG 180100	RG 180100	FCK 130017		0.0		11062	9959	10668	9134	10939	10849			
11	RG 180119	RG 180119	BOS 144138		0.0		10761	9360	10170	9329	11338	10348			
12	RG 180122	RG180122	BOS 144138	RG 130158	0.1		8972	10171	10374	10052	11151	10459			
13	RG 180123	RG180123	RG 150022	RG 140050	0.0		9967	9065	9163	12043	10650	10053			
14	RG 180137	RG180137	RG 140041	RG 130096	0.0		9969	9269	12372	11167	9647	10760			
15	RG 180142	RG180142	FCK 130017	RG 110305	0.0		10170	10067	13665	7243	9749	10255			
16	RG 180145	RG180145	RG 150022	RG 140075	0.0		9171	9271	9571	11550	11152	10058			
17	RG 180163	RG180163	BOS 144138	RG 120087	0.0		10266	10064	10559	9134	10446	10050			
18	RG 190003	RG 190003		RG 160047	0.0		10866	9362	8568	11837	10833	10450			
19	RG 190005	RG 190005		RG 160057	0.0		8957	10262	11769	9436	10237	10349			
20	RG 190069	RG19069	RG 150022	RG 140188	0.0		10970	8971	7570	12355	11051	10059			
21	RG 190101	RG19101	RG 140041	RG 110031	0.0		10668	8967	11866	10152	9847	10156			
22	RG 190102	RG19102	RG 140041	RG 120208	0.0		9670	10270	11573	8168	10848	10261			
23	RG 190108	RG19108	RG 140041	RG 120072	0.0		9770	9168	12967	9054	10348	10257			
24	RG 190153	RG19153	RG 140041	RG 150026	0.0		9170	10071	11471	9852	10250	10258			
25	RG 200021	RG 200021	RG 160026	RG 160018	0.0		9369	10467	12268	7458	11447	10657			
26	RG 200040	20040	RG 160026	RG 180002	0.0		8370	10771	10970	8359	11850	10559			
27	RG 200044	20044	RG 160026	RG 170151	12.5		8570	12170	9567	6553	12252	10258			
28	RG 200077	20077	RG 160026	RG 170078	0.0		8270	11071	12971	6458	12051	10959			
29	RG 200085	20085	RG 160026	RG 170036	3.9		9869	10369	9563	9452	11450	10356			
30	RG 210006	21 006	JAN 155002	RG 110265	0.0		10069	11464	9058	8237	10948	10051			
31	RG 210107	21 107	JAN 155002	RG 140067	0.0		10366	10259	8264	9646	11943	10351			
32	RG 210112	21 112	JAN 155002	RG 160047	0.0		10369	10869	8069	8958	12650	10758			
33	RG 210147	21 147	JAN 155002	RG 150005	0.8		9868	11459	8857	8844	11647	10651			

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								
												★★★★☆															
34	RG	210149	21 149	JAN 155002	RG 150174	0.8						94	70	120	68	100	65	83	50	109	48	109	56				
35	RG	210166	21 166	VOVA170172	RG 180002	0.0						89	69	106	68	111	60	89	47	107	45	103	54				
36	RG	210170	21 170	VOVA170172	RG 170169	0.0						83	67	107	67	121	59	102	45	95	42	106	52				
37	RG	210173	21 173	JAN 155002	RG 160062	0.6						99	68	123	68	84	64	71	47	122	48	108	55	115	20	106	48
38	RG	210209	21 209	JAN 155002	RG 120072	0.0						105	66	107	67	89	65	88	46	121	46	109	54				
39	RG	220030	22 030	JAN 155002	RG 170098	0.6						104	68	121	69	83	64	85	45	113	47	109	54	114	20	107	47
40	RG	220036	22 036	VOVA170172	RG 190068	0.4						80	66	126	68	97	59	78	48	115	47	107	53	112	21	105	47
41	RG	220045	22 045	VOVA170172	RG 190192	0.1						89	66	107	68	109	59	96	49	109	45	108	53				
42	RG	220054	22 054	VOVA170172	RG 200021	0.1						93	66	107	66	117	59	89	47	105	41	108	52				
43	RG	220084	22 084	RG 150022	RG 160123	0.0						98	67	104	68	90	62	118	48	95	48	102	54				
44	RG	220097	22 097	JAN 155002	RG 160043	0.0						102	68	107	61	83	63	95	46	112	45	101	52				
45	RG	220115	22 115	RG 150022	RG 180140	0.3						104	65	98	67	90	56	109	45	113	45	108	52				
46	RG	220124	22 124	JAN 155002	RG 110014	0.0						90	66	103	66	107	64	80	45	116	43	100	53				
47	RG	220125	22 125	RG 190018	RG 170170	0.3						98	65	113	66	83	58	91	40	110	36	100	50				
48	RG	220169	22 169	VOVA170172	RG 190153	0.0						93	66	106	68	109	59	97	46	100	45	103	53				
49	RG	220215	22 215	JAN 155002	RG 170046	4.0						97	68	114	61	100	61	81	50	111	46	105	53	113	20	103	46
50	RG	230001	23 001	RG 160026	RG 110258	0.0						107	66	100	57	107	61	78	40	111	44	101	50				
51	RG	230014	23 014	JAN 155002	RG 130148	0.0						117	66	98	67	61	64	112	50	116	47	101	54				
52	RG	230015	23 015	RG 200019	RG 130149	0.0						110	64	87	62	87	56	115	33	108	34	100	47				
53	RG	230018	23 018	RG 160026	RG 130170	0.0						89	67	110	68	118	63	75	55	112	47	106	55				
54	RG	230032	23 032	BOS 199209	RG 200139	0.0						107	55	94	64	90	46	121	28	106	36	107	43				
55	RG	230033	23 033	BOS 144174	RG 200085	1.7						103	64	104	67	87	56	102	41	105	48	101	51	89	26	94	46
56	RG	230035	23 035	BOS 144174	RG 200067	0.0						99	64	104	67	106	57	100	41	105	48	108	52	91	26	101	47
57	RG	230056	23 056	BOS 144174	RG 170116	1.4						112	65	99	67	92	58	108	37	101	48	104	51	87	26	97	46
58	RG	230064	23 064	JAN 155002	RG 150026	0.8						104	67	108	67	79	61	92	46	120	46	106	53				
59	RG	230073	23 073	RG 200019	RG 190149	3.1						96	63	104	66	92	51	100	36	116	34	107	47				
60	RG	230095	23 095	RG 160026	RG 150092	0.2						95	65	108	66	108	57	85	44	109	44	105	51				
61	RG	230098	23 098	JAN 155002	RG 150018	0.0						98	64	112	64	91	59	85	37	115	41	104	49				
62	RG	230101	23 101	JAN 155002	RG 150176	0.0						113	64	98	65	83	59	98	35	113	39	101	49				
63	RG	230114	23 114	JAN 155002	RG 170110	0.0						108	66	103	67	84	59	99	41	114	44	106	52				
64	RG	230117	23 117	JAN 155002	RG 120204	0.0						110	65	101	52	88	53	95	35	108	41	100	46				
65	RG	230128	23 128	VOVA170172	RG 200125	0.0						85	65	106	67	107	51	106	40	96	41	101	49				

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value								
Sorted on ID							nt821	Q204X	F94L	Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc		Acc						
									★★★★☆																	
66	RG	230136	23 136	RG 160026	RG 150174	0.0					87	66	120	67	111	58	71	46	105	45	102	52				
67	RG	230157	23 157	RG 190127	RG 160011	0.0					101	62	89	63	110	50	114	34	103	36	105	46				
68	RG	230159	23 159	VOVA170172	RG 200077	0.1					91	65	107	67	118	52	83	41	106	41	105	50				
69	RG	230167	23 167	JAN 155002	RG 170011	0.6					102	66	113	66	80	58	97	43	117	42	109	51	105	20	105	45
70	RG	230181	23 181	RG 160026	RG 180137	0.0					94	65	111	67	101	56	81	46	107	43	100	52				
71	RG	230193	23 193	VOVA170172	RG 210022	0.3					92	64	106	66	104	50	109	35	96	40	104	48	96	20	99	42
72	RG	230194	23 194	JAN 155002	RG 130184	0.0					107	64	104	64	97	59	93	35	113	40	109	49				
73	RG	240002	24 002	VOVA170172	RG 130170	0.0					96	64	99	59	118	53	98	40	95	41	101	48				
74	RG	240005	24 005	VOVA170172	RG 150125	0.0					94	65	110	59	98	53	100	38	102	41	103	48				
75	RG	240013	24 013	RG 200117	RG 170058	0.3					86	61	128	63	94	47	75	31	105	34	101	44				
76	RG	240042	24 042	RG 210204	RG 210079	0.8					83	60	119	63	88	45	85	33	115	33	102	44				
77	RG	240045	24 045	RG 220001	RG 210107	13.2					100	60	108	60	84	44	89	32	118	33	103	43				
78	RG	240052	24 052	RG 210157	RG 170098	0.1					96	63	116	65	113	48	84	25	96	32	105	44				
79	RG	240054	24 054	RG 210157	RG 170081	0.3					81	63	114	65	101	49	90	31	108	34	101	46				
80	RG	240061	24 061	RG 210157	RG 190003	0.0					93	62	111	63	98	46	95	28	107	28	105	43				
81	RG	240067	24 067	VOVA170172	RG 150123	0.0					98	66	106	67	107	55	101	41	97	42	105	51				
82	RG	240071	24 071	RG 200045	RG 190102	0.0					101	62	104	66	107	47	88	29	102	32	100	45				
83	RG	240081	24 081	RG 220001	RG 210044	3.8					83	61	118	63	94	45	87	37	120	35	108	45				
84	RG	240087	24 087	RG 220001	RG 210091	2.1					87	59	123	62	97	42	78	30	113	32	106	42				
85	RG	240101	24 101	VOVA170172	RG 170131	0.3					106	65	104	67	112	53	99	38	93	41	106	49				
86	RG	240110	24 110	VOVA170172	RG 170109	0.0					92	65	110	67	104	54	97	38	99	41	103	50				
87	RG	240112	24 112	RG 210204	RG 210116	12.8					88	61	116	63	86	45	92	30	111	34	101	44				
88	RG	240119	24 119	RG 200045	RG 190108	0.0					99	62	103	65	112	45	89	25	100	31	100	43				
89	RG	240127	24 127	RG 200019	RG 180147	0.1					103	64	102	66	85	51	117	34	107	34	108	47				
90	RG	240132	24 132	RG 200019	RG 170011	0.1					105	64	102	65	80	51	113	33	106	30	103	46				
91	RG	240140	24 140	RG 200045	RG 190069	3.2					106	62	99	66	86	47	110	32	103	32	101	45				
92	RG	240167	24 167	VOVA170172	RG 200077	0.1					89	65	114	67	114	52	78	41	107	41	105	50				
									★★★★																	
1	RG	160047	RG160047	BOS 122916	RG 060241	0.0					105	73	91	70	91	76	97	49	109	48	92	59				
2	RG	160147	RG160147	BOS 122916	RG 070093	0.0					109	74	90	71	97	78	112	46	95	51	96	59				

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	
						★★★★								
3	RG 170010 170010	BOS 122916	RG 080059	0.0		120 72	93 70	99 75	89 39	98 41	94 55			
4	RG 170034 RG17034	BOS 122206	RG 140064	0.5		97 72	101 71	85 75	121 41	97 53	99 58			
5	RG 170036 RG17036	BOS 122206	RG 140055	0.0		107 72	91 71	95 77	113 45	96 51	96 59			
6	RG 170081 RG17081	FCK 130066	RG 070155	0.0		83 72	106 72	86 75	97 45	111 50	94 58			
7	RG 170098 RG17098	JSM 120032	RG 060146	0.0		105 71	109 72	115 72	86 29	87 44	99 54			
8	RG 170110 RG17110	RG 140113	RG 110017	0.0		104 70	90 69	102 74	113 38	99 48	99 56			
9	RG 170136 RG17136	RG 120053	RG 140014	0.0		91 72	100 65	101 68	99 36	99 44	93 53			
10	RG 170152 RG17152	MAJ 080934	RG 080218	0.0		101 70	100 69	115 71	98 44	88 50	97 56			
11	RG 170153 RG17153	MAJ 080934	RG 110032	0.0		111 72	98 70	101 74	94 44	93 50	93 58			
12	RG 170166 RG17166	FCK 130066	RG 100041	0.0		99 70	110 68	77 69	112 31	95 49	96 54			
13	RG 180002 RG180002	RG 120053	RG 080212	0.0		88 72	95 70	120 73	87 49	106 47	96 58			
14	RG 190089 RG19089	RG 140041	RG 080191	0.0		97 68	96 67	121 66	89 52	96 47	96 56			
15	RG 190092 RG19092	RG 150062	RG 110022	0.0		89 69	106 68	102 67	92 45	95 48	90 55			
16	RG 190114 RG19114	RG 140041	RG 130185	0.0		89 69	98 70	123 67	96 37	85 48	91 54			
17	RG 190188 RG19188	RG 140041	RG 120209	0.0		90 68	100 67	128 69	85 67	94 46	96 58			
18	RG 190192 RG19192	RG 160026	RG 160013	0.0		89 70	106 71	103 70	84 62	112 51	99 60			
19	RG 190201 RG19201	RG 150012	RG 130095	0.0		107 68	86 66	111 63	110 38	93 39	97 51			
20	RG 200031 RG 200031	RG 160026	RG 150162	0.0		94 70	104 69	97 72	83 66	108 47	93 60			
21	RG 200066 20066	RG 160026	RG 170110	0.0		86 69	110 70	106 67	74 50	113 50	97 57			
22	RG 200125 20125	RG 120053	RG 140132	0.0		82 70	107 70	100 67	98 55	100 51	94 58			
23	RG 200130 20130	JAN 155002	RG 140067	0.0		98 70	103 69	83 68	89 54	119 49	97 57			
24	RG 210045 21 045	RG 160026	RG 180054	6.3		88 68	110 67	87 60	80 51	114 49	92 55			
25	RG 210067 21 067	RG 160026	RG 180093	6.3		82 68	118 68	96 66	73 59	112 48	96 57			
26	RG 210079 21 079	RG 180016	RG 180125	0.3		85 66	111 67	90 64	88 54	115 45	99 55			
27	RG 210097 21 097	JAN 155002	RG 160006	2.5		110 68	105 62	65 64	88 51	117 47	93 54	105 22	90 48	
28	RG 210123 21 123	JAN 155002	RG 160147	0.0		113 70	102 69	65 69	93 56	114 47	93 57			
29	RG 210178 21 178	RG 160026	RG 190005	0.3		87 65	110 67	94 61	77 49	114 47	94 54			
30	RG 210199 21 199	RG 180038	RG 150176	0.0		94 60	107 61	104 49	87 22	100 26	96 41			
31	RG 220021 RG 220021	RG 150022	RG 130149	0.0		112 65	87 52	81 52	115 36	104 40	94 45			
32	RG 220031 22 031	RG 160026	RG 130096	0.0		99 65	99 65	92 61	86 48	110 40	91 52			
33	RG 220032 22 032	RG 160026	RG 150063	0.0		81 64	115 62	105 54	75 38	108 44	96 49			
34	RG 220040 22 040	RG 190127	RG 190094	12.5		106 63	84 65	70 55	137 45	107 42	96 50			

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	
						★★★★								
35	RG 220059 22 059	RG 190127	RG 190102	0.0		98 64	99 66	97 57	95 43	105 42	95 51			
36	RG 220090 22 090	RG 180016	RG 170067	12.5		80 65	117 66	80 59	85 50	113 45	92 53			
37	RG 220114 22 114	RG 190018	RG 170058	0.1		98 63	111 64	91 56	86 44	108 41	99 50			
38	RG 220118 RG 220118	RG 190127	RG 190089	0.0		94 64	95 53	99 45	98 32	101 40	90 43			
39	RG 220131 22 131	JAN 155002	RG 170110	0.0		109 68	103 68	72 64	96 48	111 48	95 55			
40	RG 220153 22 153	RG 150062	RG 180198	0.3		98 67	107 66	81 61	106 50	101 45	97 54			
41	RG 220162 22 162	RG 180038	RG 120072	0.0		88 63	109 63	114 58	76 36	105 31	97 47			
42	RG 220164 22 164	RG 180038	RG 130185	0.0		81 65	121 66	104 51	81 25	92 34	92 46			
43	RG 220165 22 165	RG 200019	RG 150117	0.0		92 62	99 63	104 51	97 24	99 27	94 43			
44	RG 220200 22 200	RG 180016	RG 140187	0.0		91 64	97 65	96 59	101 39	107 41	94 50			
45	RG 220214 22 214	RG 150022	RG 180093	6.3		90 66	100 66	89 60	106 49	105 43	95 53			
46	RG 230005 23 005	RG 190018	RG 180163	0.2		102 63	103 55	89 53	87 40	108 35	93 46			
47	RG 230031 23 031	BOS 144174	RG 140067	0.0		115 64	90 65	86 60	108 37	100 46	93 51	75 26	84 46	
48	RG 230039 23 039	RG 200117	RG 170152	0.0		86 62	126 55	94 46	76 31	94 35	91 43			
49	RG 230066 23 066	RG 200045	RG 170090	0.0		94 64	102 67	96 49	89 27	106 32	93 45			
50	RG 230070 23 070	RG 200019	RG 190131	3.3		91 64	102 66	69 51	110 37	115 35	94 47			
51	RG 230072 23 072	RG 200019	RG 190182	3.3		98 63	105 66	78 50	103 34	111 36	99 47			
52	RG 230078 23 078	RG 160026	RG 120139	0.0		99 64	99 55	90 56	93 42	106 40	92 47			
53	RG 230084 23 084	BOS 144174	RG 160147	0.0		110 65	98 66	88 60	112 40	96 48	98 52	80 26	89 47	
54	RG 230086 23 086	RG 200045	RG 140109	0.0		103 63	100 65	91 48	101 27	102 31	96 44			
55	RG 230089 23 089	RG 200117	RG 180155	0.3		86 62	135 65	86 47	70 31	96 35	93 45			
56	RG 230092 23 092	RG 200045	RG 190005	0.2		93 60	114 65	102 46	86 24	99 28	99 42			
57	RG 230109 23 109	RG 160026	RG 160162	0.6		86 66	110 57	97 57	79 45	112 43	95 49			
58	RG 230119 23 119	BOS 144174	RG 200130	2.9		99 64	101 67	86 58	102 42	107 48	97 52	86 27	90 47	
59	RG 230120 23 120	RG 200117	RG 150132	0.0		96 62	124 64	87 49	81 32	95 36	94 46			
60	RG 230122 23 122	RG 190127	RG 170032	5.1		96 61	94 62	91 45	113 32	100 37	93 44			
61	RG 230145 23 145	RG 200019	RG 190077	3.1		88 64	108 67	75 51	99 37	111 36	92 48			
62	RG 230152 23 152	RG 200019	RG 190191	0.0		99 58	98 61	89 44	105 20	101 25	93 40			
63	RG 230179 23 179	RG 200019	RG 190090	3.1		92 63	112 66	76 50	90 37	109 35	92 47			
64	RG 230198 23 198	JAN 155002	RG 170194	0.0		93 66	107 67	85 57	94 40	111 43	97 51			
65	RG 240009 24 009	VOVA170172	RG 120096	0.0		103 63	97 55	84 53	113 29	97 36	93 44			
66	RG 240023 24 023	RG 160026	RG 160096	0.0		96 65	105 59	87 56	81 45	112 44	91 50			

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	% Inbreeding	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	
Sorted on ID						nt821 Q204X F94L Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	
								★★★★							
67	RG 240039	24 039	RG 220001	RG 210200	3.8		97 60	106 61	83 43	86 32	110 33	91 43			
68	RG 240065	24 065	RG 210157	RG 160043	0.0		89 62	113 64	103 48	87 27	97 32	96 44			
69	RG 240066	24 066	RG 200045	RG 150026	0.0		102 64	106 67	91 51	90 32	104 33	96 47			
70	RG 240072	24 072	RG 200045	RG 150072	0.0		110 61	95 64	112 48	84 16	98 24	95 41			
71	RG 240082	24 082	RG 210204	RG 210052	0.6		80 61	115 63	94 46	81 35	107 32	92 44			
72	RG 240083	24 083	RG 220001	RG 210194	1.9		84 59	109 62	97 42	87 30	112 33	98 43			
73	RG 240085	24 085	RG 220001	RG 210039	3.8		88 59	112 62	90 42	85 32	107 33	93 43			
74	RG 240088	24 088	RG 210204	RG 210045	0.9		86 61	116 63	89 44	83 31	114 34	99 44			
75	RG 240097	24 097	RG 160026	RG 190101	0.0		92 65	108 66	103 55	81 44	109 43	98 51			
76	RG 240104	24 104	RG 200045	RG 170090	0.0		96 64	101 67	95 49	90 27	107 32	94 45			
77	RG 240105	24 105	RG 200045	RG 150176	0.0		111 61	95 63	96 48	96 14	96 23	92 40			
78	RG 240120	24 120	RG 200045	RG 150117	0.0		94 61	101 63	118 47	88 19	94 25	95 41			
79	RG 240149	24 149	RG 200045	RG 190188	0.0		95 62	108 65	111 46	86 28	95 31	97 44			
80	RG 240151	24 151	VOVA170172	RG 200125	0.0		89 65	112 66	100 51	97 40	96 41	99 49			
81	RG 240159	24 159	RG 160026	RG 130148	0.0		99 65	107 66	85 58	88 43	107 42	93 51			
82	RG 240169	24 169	VOVA170172	RG 190077	0.1		85 65	107 67	96 52	100 42	104 42	98 50	94 20	92 44	
83	RG 240182	24 182	RG 200019	RG 200021	3.1		98 63	102 57	97 49	90 35	111 34	99 44			
								★★★★☆							
1	RG 160043	160043	BOS 122916	RG 100329	0.0		98 70	95 67	98 72	98 35	89 45	82 54			
2	RG 160045	RG160045	LOU 122181	RG 130125	0.0		92 70	98 69	95 70	93 43	103 50	88 56			
3	RG 160096	RG160096	BOS 122916	RG 100029	0.0		106 71	90 70	85 74	96 43	105 50	85 57			
4	RG 160143	RG160143	BOS 122916	RG 100030	0.0		102 74	95 71	86 76	103 43	97 49	87 58			
5	RG 170041	RG17041	RG 140041	RG 140067	0.0		109 71	87 71	89 74	99 56	102 49	87 59			
6	RG 170090	RG17090	RG 120053	RG 130143	0.0		88 75	96 74	92 76	87 46	116 51	89 60			
7	RG 170194	RG17194	RG 120053	RG 140005	0.0		87 72	93 68	101 68	100 38	92 42	80 54			
8	RG 180093	RG180093	RG 150113	RG 160018	0.0		87 67	107 65	100 67	77 53	96 46	82 55			
9	RG 190066	RG19066	RG 150062	RG 120003	0.0		91 69	106 68	81 70	97 55	103 49	89 57			
10	RG 190077	RG19077	RG 160132	RG 160147	0.0		86 72	102 71	82 71	93 61	115 53	89 60	93 21	84 52	
11	RG 190119	RG19119	RG 150062	RG 100004	0.0		85 71	106 71	84 74	91 54	102 50	83 59			
12	RG 190131	RG19131	RG 160132	RG 160162	0.6		82 71	105 71	63 72	98 62	123 52	88 60	100 22	85 52	

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 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	★★★★★										
13	RG	200091	20091	RG 150062	RG 140188	0.0						8070	11368	8563	9441	10050	8854					
14	RG	200104	20104	RG 150062	RG 120072	0.0						7666	11767	9963	7839	9248	8253					
15	RG	200128	RG 200128	RG 150062	RG 150005	0.0						8870	11463	6665	9757	10351	8456					
16	RG	200131	20131		RG 150018	0.0						9460	10059	9858	8462	10036	8451					
17	RG	200149	20149		RG 120208	0.0						9857	8858	10158	12340	7835	8546					
18	RG	210039	21 039	RG 180016	RG 180137	0.0						8964	10766	9158	8844	9643	8451					
19	RG	210082	21 082	RG 150062	RG 140109	0.0						8568	11768	6863	9749	10547	8855					
20	RG	210104	21 104	RG 150062	RG 140131	0.5						8368	12268	7664	8750	9349	8155					
21	RG	210144	21 144	JAN 155002	RG 150133	2.5						10368	11367	5364	8751	11947	8955	10322	8748			
22	RG	220051	22 051	RG 190127	RG 190101	0.0						10664	9165	8455	9440	10041	8149					
23	RG	220056	22 056	VOVA170172	RG 190161	0.2						8466	11468	8459	9847	9246	8653					
24	RG	220068	22 068	RG 150022	RG 160124	0.0						10066	9467	8161	9446	11047	8753					
25	RG	220071	22 071	RG 150062	RG 180188	0.3						7465	12266	8659	7450	10145	8253					
26	RG	220083	22 083	RG 180016	RG 160106	0.0						8962	10964	8853	8938	10339	8948					
27	RG	220136	22 136	RG 180016	RG 150026	0.0						9365	10767	8160	7947	10844	8353					
28	RG	220148	22 148	RG 180016	RG 150005	12.5						9364	10765	8957	7746	10144	8251					
29	RG	220176	22 176	RG 150062	RG 180147	0.3						8167	12066	8156	9045	9845	8852					
30	RG	220179	22 179	RG 190018	RG 160162	0.3						9164	10264	8457	9141	10539	8549					
31	RG	230034	23 034		RG 140144	0.0						9853	10754	8441	9922	9428	8937					
32	RG	230060	23 060	RG 200045	RG 160006	6.4						9963	10764	8448	8830	9733	8545					
33	RG	230065	23 065	RG 200019	RG 190087	3.1						9363	10167	6851	10337	10835	8547					
34	RG	230069	23 069	RG 200019	RG 190119	3.1						9464	10167	7952	10335	10534	8947					
35	RG	230146	23 146	RG 160026	RG 180110	6.3						9365	10867	7956	8448	10744	8552					
36	RG	230162	23 162	VOVA170172	RG 200065	0.1						8864	10764	8750	10038	9640	8748	9520	8242			
37	RG	230171	23 171	RG 200019	RG 200014	3.1						8063	11666	7650	8634	10034	8046					
38	RG	230174	23 174	RG 200117	RG 170136	0.0						8262	12663	8646	7728	9933	8944					
39	RG	230185	23 185	RG 200019	RG 200024	3.1						9563	10265	8449	9734	9934	8646					
40	RG	230192	23 192	RG 200019	RG 190115	3.1						8163	11366	8351	9235	9934	8547					
41	RG	240012	24 012	RG 160026	RG 140055	0.0						10764	9563	8657	9040	10739	8949					
42	RG	240014	24 014	RG 200117	RG 160078	6.4						8762	12364	6348	8633	9934	8145					
43	RG	240077	24 077	RG 200045	RG 190087	3.2						9662	10866	7847	9034	10333	8646					
44	RG	240096	24 096	RG 200117	RG 150076	0.0						7862	12764	9144	7428	9635	8644					

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								
											★★★★															
45	RG 240162	24 162	RG 200117	RG 170054	0.0						81	58	117	59	95	40	80	21	94	27	84	39				
											★★★															
1	RG 180051	RG180051	RG 150062	RG 150162	0.0						78	69	112	68	85	69	93	46	87	48	75	56				
2	RG 180110	RG180110	RG 150022	RG 140061	0.0						94	71	97	72	72	72	100	57	96	52	73	60				
3	RG 190075	RG19075	RG 160132	RG 160096	0.0						85	72	101	72	67	74	82	61	112	53	71	61	91	21	67	53
4	RG 190087	RG19087	RG 160132	RG 160084	0.0						90	71	102	71	62	72	91	60	110	53	75	60	92	21	71	52
5	RG 190112	RG19112	RG 150062	RG 130173	0.0						88	72	110	70	70	68	87	50	102	52	78	58				
6	RG 190115	RG19115	RG 150062	RG 080218	0.0						77	68	113	69	95	70	81	54	92	49	78	57				
7	RG 190159	RG19159	RG 150062	RG 110038	0.0						73	68	114	68	112	69	74	54	84	48	76	57				
8	RG 190161	RG19161	RG 150062	RG 140101	0.2						81	70	114	70	67	70	97	56	96	52	77	59				
9	RG 190195	RG19195	RG 150062	RG 110008	0.0						97	68	104	66	69	66	103	44	90	47	76	54				
10	RG 190200	RG19200	RG 160026	RG 150078	0.0						103	70	99	66	76	66	77	56	108	48	77	56				
11	RG 190204	RG19204	RG 150062	RG 110296	0.0						93	70	110	64	104	57	82	36	77	44	78	51				
12	RG 190210	RG19210	RG 150012	RG 100006	0.0						95	68	86	66	114	64	88	39	79	38	70	51				
13	RG 200024	RG 200024	RG 150062	RG 110258	0.0						94	70	104	67	94	66	82	55	91	48	78	57				
14	RG 200115	20115	RG 150062	RG 160143	0.0						101	69	107	70	55	67	102	56	92	50	74	58				
15	RG 210052	21 052	RG 150062	RG 140004	0.0						80	67	111	67	94	66	74	59	98	44	78	56				
16	RG 220063	22 063	RG 190127	RG 190206	3.1						90	60	103	62	76	45	100	36	92	41	76	46				
17	RG 220143	22 143	RG 180016	RG 140075	0.0						93	65	103	67	77	60	99	46	93	44	78	52				
18	RG 220144	22 144	RG 180016	RG 160056	0.0						91	62	100	63	75	52	91	37	99	38	73	47				
19	RG 240086	RG 240086	RG 200117	RG 150021	0.0						85	63	120	56	82	47	79	36	88	35	77	44				
											★★★															
1	RG 170128	RG17128	BOS 111174	RG 120208	0.0						93	70	99	68	61	68	92	46	95	55	63	57	89	25	59	51
2	RG 200014	RG 200014	RG 150062	RG 120082	0.0						70	67	121	67	83	68	71	55	92	47	69	56				
3	RG 200065	RG 200065	RG 160132	RG 070237	0.0						90	67	96	58	69	63	95	50	99	47	68	52	91	21	64	46

Selection List on Cow Value

Bull Calves younger than 2 years

ID			Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Genomic tested	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value							
Sorted on ID								nt821	Q204X	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc							
												★★★★★															
1	RG	250042	25 0042	RG 220127	RG 220049	1.0						104	60	106	63	109	43	101	30	108	33	117	43				
2	RG	250077	25 0077	RG 220127	RG 220084	1.8						106	60	109	63	104	44	97	31	105	34	113	44				
												★★★★☆															
1	RG	250002	RG 250002	RG 200045	RG 130170	0.0	HH	0	0	0		106	83	105	83	113	81	89	79	101	79	107	74	95	78	101	75
2	RG	250020	25 0020	RG 200117	RG 170075	0.0						91	62	125	65	93	48	79	31	104	35	102	45				
3	RG	250043	25 0043	RG 220127	RG 220148	1.8						101	59	112	63	104	43	80	30	108	33	105	43				
4	RG	250062	25 0062	RG 200045	RG 170078	0.0						85	64	111	66	124	49	77	28	103	32	103	45				
5	RG	250064	25 0064	RG 200045	RG 150123	0.0						107	64	105	66	101	50	92	32	99	33	101	46				
6	RG	250081	25 0081	VOVA170172	RG 180123	0.1						94	64	104	65	97	50	108	36	100	41	101	48				
7	RG	250086	25 0086	RG 200045	RG 140140	0.3						102	65	107	67	101	51	92	31	103	34	103	47				
8	RG	250104	25 0104	RG 200045	RG 180067	0.0						97	63	110	57	104	45	88	23	110	30	108	41				
9	RG	250128	25 0128	RG 210204	RG 210112	12.6						95	61	111	63	87	47	88	34	120	35	106	45				
10	RG	250170	25 0170	RG 210157	RG 170010	0.0						98	63	112	65	104	49	82	28	102	31	101	45				
11	RG	250171	25 0171	RG 200019	RG 200126	0.6						96	62	107	65	93	49	89	30	114	34	103	45				
12	RG	250183	25 0183	RG 210157	RG 160162	0.3						76	63	117	54	109	48	84	31	106	32	101	43				
13	RG	260002	26 0002	RG 200019	RG 150154	0.1						99	65	104	58	88	52	112	37	110	35	109	46				
14	RG	260003	26 0003	RG 210204	RG 210149	12.8						92	61	118	53	95	45	85	31	112	33	107	42				
												★★★★															
1	RG	250057	25 0057	RG 200045	RG 150072	0.0						110	61	95	63	111	48	82	16	98	24	94	40				
2	RG	250058	25 0058	RG 200045	RG 170090	0.0						98	64	100	66	95	49	88	27	107	32	93	45				
3	RG	250088	25 0088	RG 200045	RG 180122	0.3						98	63	106	65	98	48	92	30	104	33	99	45				
4	RG	250103	25 0103	RG 200045	RG 170170	0.6						101	64	109	66	96	49	89	23	102	32	99	44				
5	RG	250106	25 0106	RG 200045	RG 170151	6.4						94	64	111	58	101	47	82	30	105	35	98	44				
6	RG	250110	25 0110	RG 200045	RG 190102	0.0						104	62	107	65	103	47	82	29	102	32	99	44				
7	RG	250139	25 0139	VOVA170172	RG 170054	0.0						92	61	101	61	108	46	99	29	91	35	93	44				
8	RG	250155	25 0155	RG 200019	RG 180163	0.2						106	63	96	63	89	47	103	26	106	33	98	44				
9	RG	250160	25 0160	VOVA170172	RG 160045	0.3						99	65	95	66	104	52	105	36	99	41	97	49				
10	RG	250161	25 0161	RG 210157	RG 190077	3.1						76	63	118	56	97	47	84	37	110	35	99	44				

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	
											★★★★								
11	RG	250164	25 0164	RG 200019	RG 150174	0.0					9565	10966	10353	8832	10036	9847			
12	RG	260004	26 0004	RG 210157	RG 200131	0.0					8460	11552	10442	8031	10229	9640			
13	RG	260011	26 0011	RG 200019	RG 210006	0.6					9863	10856	8146	9428	10833	9642			
14	RG	260013	26 0013	RG 210204	RG 210045	0.9					8560	11553	9043	8331	11434	9841			
											★★★★☆								
1	RG	250079	25 0079	VOVA170172	RG 150021	0.0					9966	9960	9952	10941	8541	8948			
2	RG	250082	25 0082	RG 200045	RG 190075	3.2					9563	10666	8148	8434	10433	8346			
3	RG	250099	25 0099	RG 200019	RG 190161	3.2					8963	10966	6950	10136	10236	8547			
4	RG	250147	25 0147	RG 200045	RG 190087	3.2					10162	10266	8047	9134	10333	8546			

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	RG	250074	25 0074	RG 220127	RG 220030	13.7					11661	10963	10345	9130	11434	12044				
											★★★★★									
1	RG	250016	25 0016	VOVA170172	RG 180076	0.4					10264	9966	12051	10036	10040	11048				
2	RG	250038	25 0038	RG 220127	RG 220090	3.2					10159	11463	9743	8632	11433	11143				
3	RG	250044	25 0044	RG 220127	RG 220048	0.0					11454	9557	11337	9719	10525	11036				
4	RG	250049	25 0049	RG 220127	RG 220097	13.5					11061	10762	10245	9430	11333	11643				
5	RG	250053	25 0053	RG 220122	RG 220102	12.8					9561	11963	9145	8832	12334	11744				
6	RG	250070	25 0070	RG 220127	RG 220215	18.0					10561	11161	11144	8632	11233	11743				
7	RG	250072	25 0072	RG 220127	RG 230018	1.6					9861	11862	11544	7734	11334	11744				
8	RG	250078	25 0078	RG 200045	RG 200099	0.8					9463	11566	10047	9431	11332	11345				
9	RG	250091	25 0091	VOVA170172	RG 180176	0.0					10365	9567	10453	12539	9841	11150				
10	RG	250114	25 0114	RG 210204	RG 210092	0.8					8261	12563	9946	8534	11634	11245				
11	RG	250119	25 0119	RG 220127	RG 220031	1.6					10560	10362	10844	8931	11231	11043				
12	RG	250131	25 0131	RG 210157	RG 190163	3.2					9063	12065	10648	8236	11435	11446				
13	RG	250143	25 0143	VOVA170172	RG 160107	0.5					9365	11166	11554	10135	9837	11248				
14	RG	250173	25 0173	RG 200019	RG 200087	0.6					10264	10166	7250	13932	11136	11447				
15	RG	260009	26 0009	RG 210157	RG 170099	0.1					8962	11856	11648	8132	10834	11243				
16	RG	260012	26 0012	RG 210157	RG 170167	0.3					9763	11357	11048	10230	10734	11943				
											★★★★★									
1	RG	250004	25 0004	RG 200019	RG 180137	0.0					10563	9265	9851	11633	10234	10346				
2	RG	250014	25 0014	RG 200117	RG 170035	2.1					8362	12664	11747	7226	9334	10044				
3	RG	250027	25 0027	RG 220122	RG 220045	0.6					9759	11063	9543	8832	11433	10643				
4	RG	250028	25 0028	RG 220127	RG 220136	1.8					10059	11363	9944	8231	11133	10643				
5	RG	250029	25 0029	RG 220122	RG 220153	4.1					10560	10463	8444	9633	11133	10144				
6	RG	250034	25 0034	RG 220122	RG 220036	0.7					9159	12163	8843	7932	11733	10643				
7	RG	250037	25 0037	RG 220122	RG 220220	16.2					11160	10961	8744	8632	11733	10943				
8	RG	250061	25 0061	RG 200045	RG 180100	0.3					10061	11163	10046	8722	10228	10242				
9	RG	250066	25 0066	RG 200045	RG 160057	0.4					9363	10966	11049	8727	11133	10945				

Selection List on Cow Value

Heifers younger than 2 years

ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin			Genomic tested	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value							
Sorted on ID							nt821	Q204X	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc		Acc					
											★★★★☆														
10	RG	250067	25 0067	RG 200045	RG 130065	0.0					97	63	105	65	122	49	88	19	95	26	103	42			
11	RG	250071	25 0071	RG 220127	RG 220143	1.6					112	59	99	63	100	44	100	30	104	32	105	43			
12	RG	250076	25 0076	RG 220122	RG 220124	12.8					95	60	109	63	94	45	80	31	118	32	102	43			
13	RG	250080	25 0080	RG 200045	RG 180140	0.3					101	63	106	66	106	48	91	31	106	33	107	45			
14	RG	250089	25 0089	RG 200019	RG 200067	0.0					82	63	120	66	94	50	89	32	111	35	105	46			
15	RG	250109	25 0109	RG 200045	RG 190005	0.2					96	60	105	64	108	46	93	24	99	28	100	42			
16	RG	250126	25 0126	RG 210157	RG 170036	2.0					85	63	117	65	101	50	88	30	100	34	100	46			
17	RG	250130	25 0130	RG 210204	RG 210053	0.5					85	61	123	63	102	45	81	32	110	31	108	44			
18	RG	250141	25 0141	RG 210157	RG 170056	0.3					89	62	111	65	110	49	89	29	101	34	102	45			
19	RG	250142	25 0142	RG 210157	RG 200077	3.1					77	63	121	65	120	47	70	36	113	34	108	46			
20	RG	250148	25 0148	RG 200045	RG 160106	0.0					96	63	108	66	107	49	96	29	104	33	107	45			
21	RG	250149	25 0149	RG 210204	RG 210079	0.8					86	60	108	63	96	45	93	33	115	33	102	44			
22	RG	250151	25 0151	RG 200045	RG 170131	0.3					111	63	105	65	105	48	90	28	95	32	101	45			
23	RG	250166	25 0166	RG 210157	RG 170110	0.0					86	62	115	63	104	48	87	29	102	33	100	44			
24	RG	250174	25 0174	RG 210204	RG 210166	0.1					87	61	112	63	102	44	88	30	111	33	104	43			
25	RG	250187	25 0187	RG 210157	RG 170136	0.0					89	63	112	54	105	45	87	27	102	32	100	41			
26	RG	250190	25 0190	RG 210204	RG 210142	12.6					96	61	110	52	95	43	90	26	115	31	107	40			
27	RG	250191	25 0191	RG 220122	RG 220109	12.8					104	60	107	52	92	42	89	28	118	32	108	40			
28	RG	260005	26 0005	RG 210157	RG 200125	0.1					79	62	118	55	105	45	86	34	102	34	100	43			
29	RG	260007	26 0007	RG 210157	RG 170011	0.1					89	62	116	53	101	47	90	32	105	29	105	42			
30	RG	260010	26 0010	RG 210157	RG 200130	0.6					87	62	116	55	97	46	83	34	112	33	102	43			
											★★★★														
1	RG	250006	25 0006	RG 200019	RG 170124	0.1					111	64	97	58	94	50	91	31	107	34	98	44			
2	RG	250009	25 0009	RG 200117	RG 150125	0.0					80	63	131	64	82	49	77	32	103	35	93	46			
3	RG	250026	25 0026	RG 220122	RG 220068	0.7					99	60	103	63	84	44	89	32	115	34	96	44			
4	RG	250031	25 0031	RG 220122	RG 220214	1.1					97	60	108	62	84	43	92	33	113	32	99	43			
5	RG	250059	25 0059	RG 200045	RG 140144	0.3					103	64	108	67	86	50	96	26	102	34	97	46			
6	RG	250065	25 0065	RG 200045	RG 150026	0.0					103	64	106	66	91	51	91	32	103	33	97	46			
7	RG	250069	25 0069	RG 200045	RG 190003	0.0					107	61	105	64	88	46	99	23	102	26	99	42			
8	RG	250083	25 0083	VOVA170172	RG 160096	0.0					100	65	99	65	96	53	100	36	99	41	94	49			

Selection List on Cow Value
Heifers younger than 2 years

ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin		Genomic tested	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value							
Sorted on ID							nt821	Q204X	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc							
										★★★														
9	RG 250085	25 0085	VOVA170172	RG 160147	0.0					97	65	104	66	101	54	105	37	94	41	99	49			
10	RG 250095	25 0095	VOVA170172	RG 200091	0.1					87	65	111	66	96	50	100	35	97	41	97	48			
11	RG 250096	25 0096	RG 200045	RG 160143	0.0					98	64	109	64	89	49	92	26	97	32	91	44			
12	RG 250105	25 0105	RG 200045	RG 190119	3.2					96	63	109	66	88	48	89	31	99	32	90	45			
13	RG 250125	25 0125	VOVA170172	RG 200104	0.1					80	64	123	66	98	50	84	35	92	40	92	48			
14	RG 250152	25 0152	RG 210157	RG 170194	0.0					82	63	111	63	106	46	87	28	99	31	94	44			
15	RG 250154	25 0154	RG 200045	RG 170109	0.0					106	63	106	65	97	48	91	28	101	33	99	45			
16	RG 250156	25 0156	RG 210204	RG 210052	0.6					80	60	117	63	93	46	80	35	106	32	92	44			
17	RG 250168	25 0168	RG 210157	RG 150090	0.0					91	60	110	61	101	47	88	20	98	25	95	40			
18	RG 250185	25 0185	RG 200045	RG 150117	0.0					96	61	102	53	116	46	87	19	94	25	95	38			
19	RG 250194	25 0194	RG 200045	RG 130173	0.0					105	62	102	66	83	51	99	28	102	31	94	45			
20	RG 260006	26 0006	RG 210157	RG 190200	3.1					91	62	113	54	93	45	77	34	106	32	92	42			
										★★★														
1	RG 250055	25 0055	RG 200045	RG 160043	0.0					97	63	102	63	99	47	93	23	92	30	89	43			
2	RG 250093	25 0093	RG 200019	RG 200106	3.1					92	60	105	52	78	41	97	27	103	30	86	39			
3	RG 250098	25 0098	RG 200019	RG 200014	3.1					85	63	108	65	79	50	91	34	100	34	81	46			
4	RG 250107	25 0107	RG 200019	RG 190159	3.1					82	63	111	65	91	50	89	35	96	34	84	46			
5	RG 250111	25 0111	RG 200019	RG 190210	0.0					90	63	97	65	95	49	98	29	93	31	82	45			
6	RG 250112	25 0112	RG 200019	RG 190115	3.1					89	63	107	66	83	51	95	35	100	34	86	47			
7	RG 250182	25 0182	RG 200045	RG 160006	6.4					120	63	96	57	81	47	88	30	97	33	85	43			
8	RG 250184	25 0184	RG 200045	RG 190112	3.2					96	63	111	57	82	45	87	29	99	33	87	43			

	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.

