

BEEFMASTER

GENOMIC BREEDING VALUE REPORT

September 2026



BEGELLY BEEFMASTERS

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BEEFMASTER
CATTLE BREEDERS' SOCIETY OF SA
BEESTELERSGENOOTSAP VAN SA



EBVs, EBVi's and GEBVs

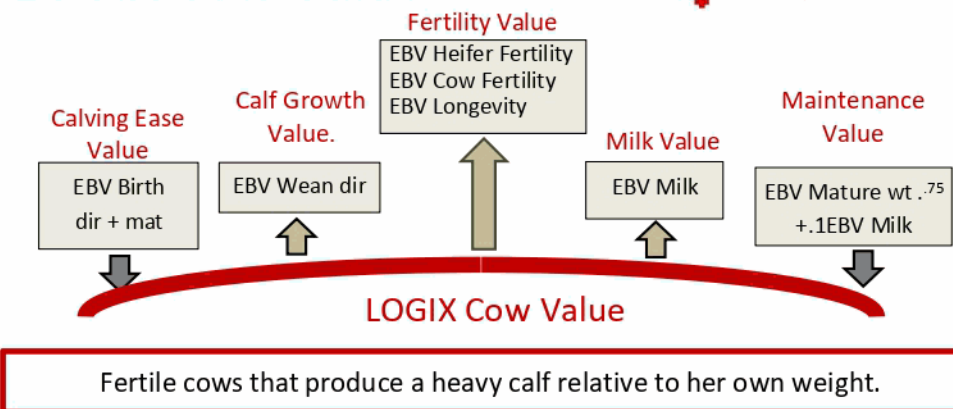
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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

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

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

LOGIX Cow Value



Selection Values

LOGIX Cow Value



Selecting for:

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

LOGIX Growth Value



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

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

LOGIX Carcass Value



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

How to use the Cow Value

Selection values should be compatible with your selection goal.

AVERAGE ANIMALS

(NO GROWTH EXTREMES)

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

GROWERS

(GOOD ENVIRONMENT)

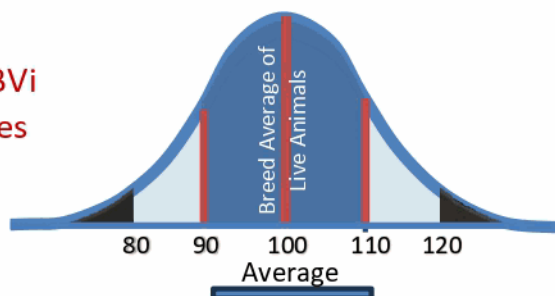
- WeanerCalf / Growth Value > 120
 - Cow Value and Fertility Value average to high
- Growers are usually heavier at birth (lower Calving Ease Value), and maturity (lower Maintenance Value).

LOW- MAINTENANCE ANIMALS

(HARSH ENVIRONMENT)

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

Interpretation of EBVi and Selection Values



Examples

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

Contemporary Groups

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

1. Animals at the same time, place and treatment

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

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

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

3. Larger groups stabilise Breeding Values

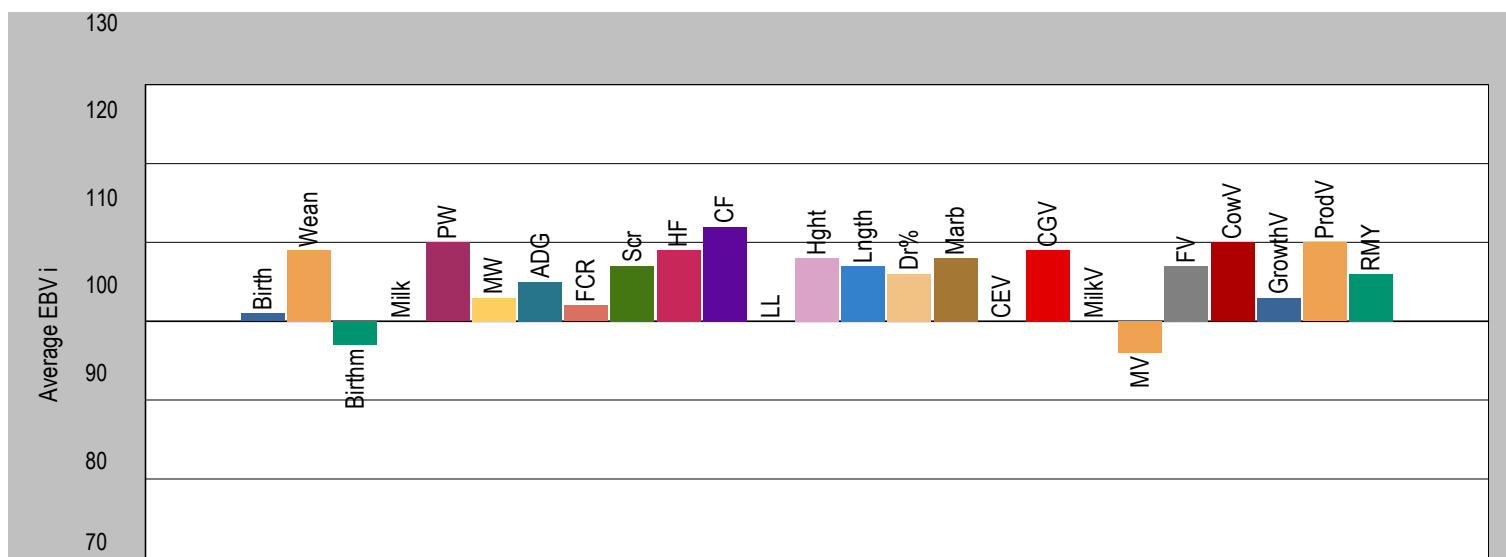
Larger groups result in more accurate and stable breeding values, as the mean and distribution of the group can be more accurately determined and are thus more representative. Groups should preferably have more than 5 animals. Weigh all the animals in the same group on the same day, as corrections for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

4. Measure all animals in the contemporary group

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



Herd and Breed Averages



Breeding Values:

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

Selection Values:

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

	Trait	EBV Herd	EBV Index	EBV Breed
Prewrite Growth	Birth Weight	0.25	101	0.34
	Wean Weight	17.3	109	12.1
	Birth Mat.	0.06	97	-0.05
	Milk (Wn.Mat.)	-1.4	100	-1.4
Postwean Growth	Postwean Wt	26.4	110	19.0
	Mature Weight	11	103	7
	ADG	91	105	72
	FCR	-41	102	-39
Fertility	Scrotal Circumf.	15.2	107	11.1
	Heifer Fertility	-14.1	109	-7.5
	Cow Fertility	-6.5	112	-4.1
	Longevity	14.6	100	14.8
Frame	Height	6	108	1
	Length	20	107	13
Carcass	EMA	1.48	106	0.85
	Fat	0.35	104	0.11
	Marbling	0.72	108	0.30

Selection Value	Ave. Herd
Calving Ease	100
Calf Growth	109
Milk	100
Maintenance	96
Fertility	107
Cow Value	110
Growth Value	103
Production Value	110
Carcass Value	106

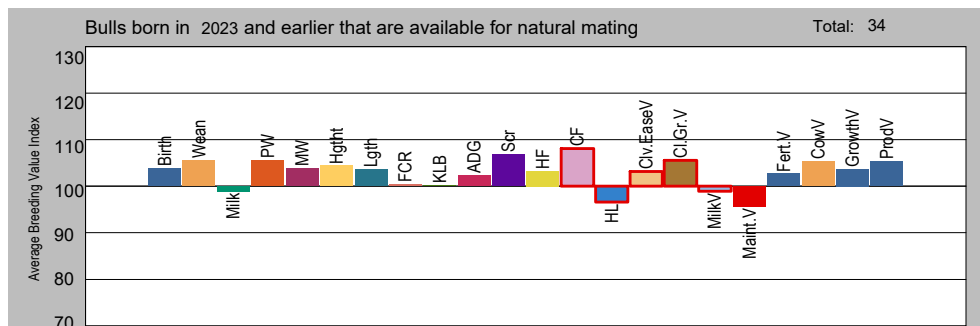
- Average of live animals in the breed: 100
- Above 100: **more favourable**,
- Below 100: **less favourable**

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

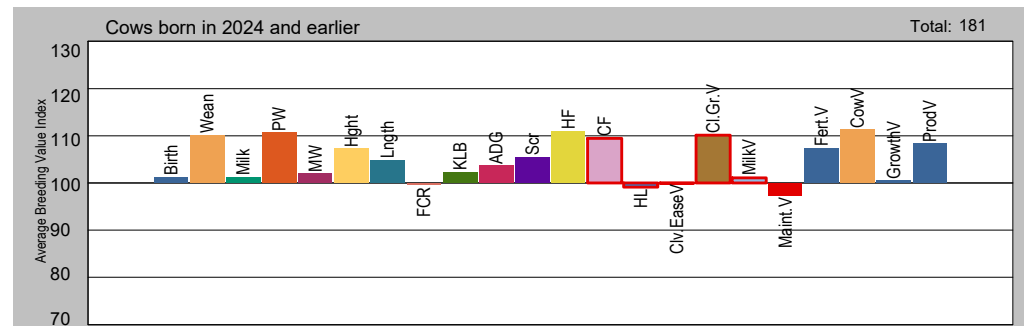
Genetic Windows

Bulls on the farm



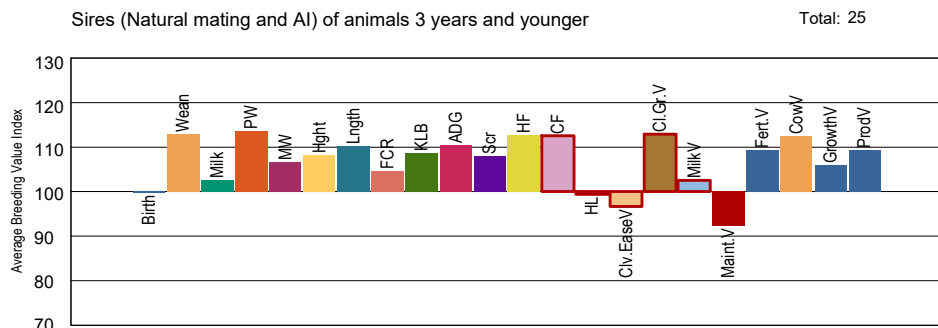
Animals available for breeding

Cow Herd

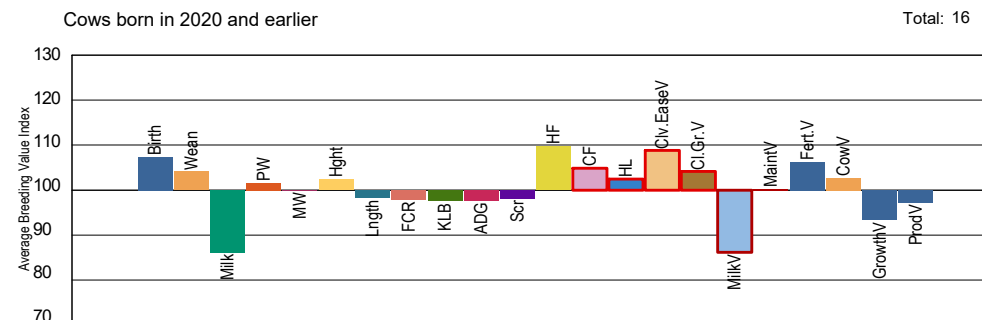


Results of previous selection decisions

Sires of young animals

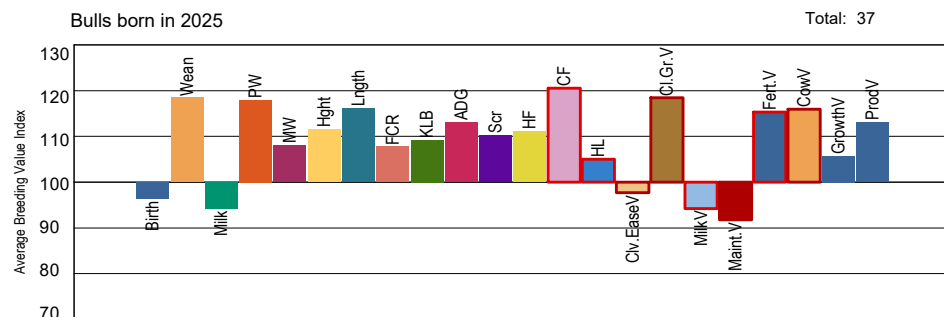


Cows older than 6 years

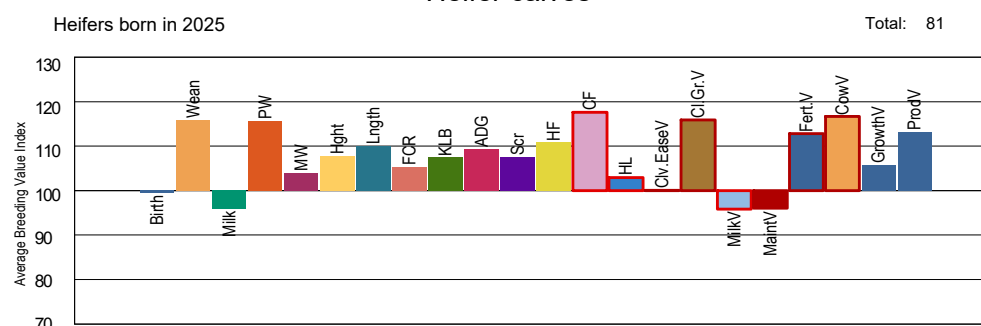


Selection possibilities

Bull calves



Heifer calves

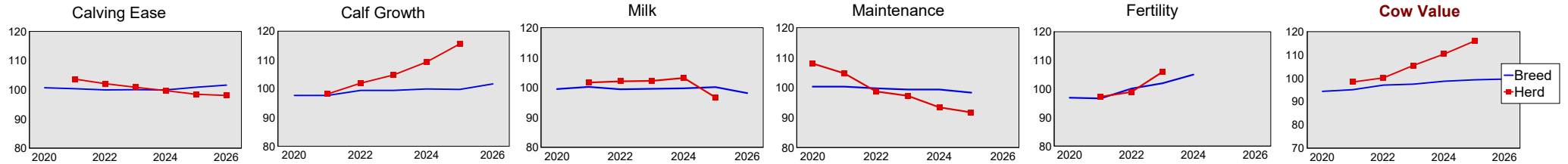


Summary of Cow Herd

			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 Fertiity	Cow Fertiity	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
2011	1		110	95	69		87				108	95	103	69	91		75	76	74	93	90	89	85	80	
2013	2	★★★★☆	105	109	75	97	113	102	112	93	101	109	121	75	107	104	116	115	111	116	112	104	118	116	
2014	2	★★★★★	98	107	104	78	104	118			95	107	112	104	106	122	101	102	98	114	106	93	108	100	
2015	5	★★★★★	114	103	89	94	106	110	101	114	111	103	113	89	99	106	113	113	99	105	110	100	105	108	
2016	2	★★★★	104	98	104	90	98	93	94	82	104	98	97	104	98	109	98	99	95	96	110	92	96	95	
2017	7	★★★★☆	119	91	92	113	98	101	84		118	91	95	92	90	89	97	98	84	105	96	97	92	90	
2018	8	★★★★	107	100	91	95	102	98			104	100	104	91	99	105	100	97	101	106	107	96	104	102	
2019	18	★★★★	107	97	98	105	90	95	87	96	107	97	99	98	96	95	90	92	91	93	98	89	95	91	
2020	23	★★★★☆	106	101	92	101	105	101	94	99	106	101	99	92	99	99	99	98	99	110	104	101	104	99	
2021	39	★★★★☆	100	102	101	104	101	103	98	105	101	102	98	101	102	96	99	100	99	109	102	94	108	100	
2022	55	★★★★☆	100	104	104	102	99	105	95	103	101	104	96	104	105	98	101	101	102	104	102	94	108	103	
2023	68	★★★★★	100	107	105	95	108	111	102	112	103	107	89	105	108	104	103	101	106	110	110	99	112	106	
2024	86	★★★★★	100	111	103	95	109	114	103	111	102	111	93	103	112	104	103	101	108	113	111	100	106	104	
2025	81	★★★★★	100	116	96	96	113	117	106	113	99	116	102	96	116	104	109	107	107	111	118	103	108	110	
2026	31	★★★★★	97	111	102	96	110	112	97	107	98	111	98	102	111	103	102	98	107	107	115	103	102	104	
Cows in Herd Average:			104	103	95	97	103	106	98	103	104	103	101	95	103	103	100	100	99	106	106	97	103	101	

Genetic Trends for On-Farm Traits

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



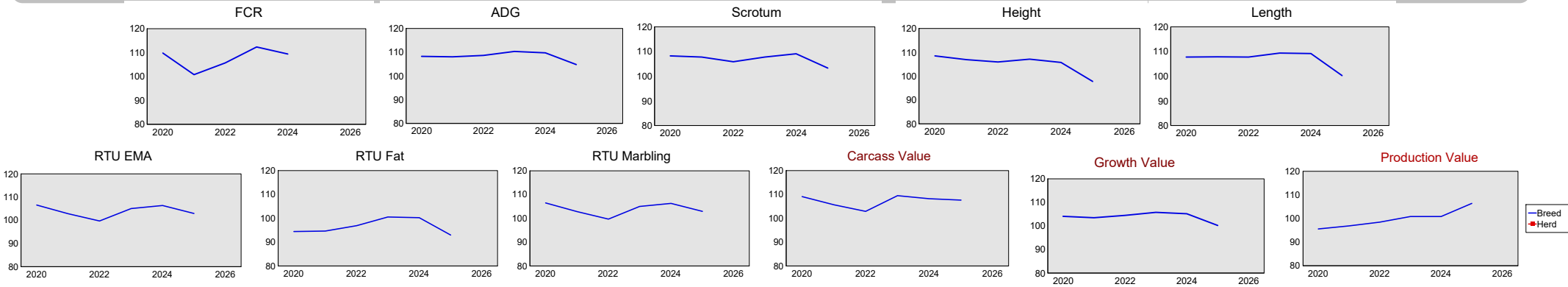
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility								Cow Value
	Birth Weight		Calv. Ease	Mat EBV	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight	Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility					
	Number	Dir EBV			Number	EBV		Number	EBV		Milk	Number		EBV	Number	EBV	Number	EBV	Number		EBV	Number	EBV		
2020																									
2021	107	0.00	0.05	104	90	11.1	98	90	-0.94	102	66	18.7	25	3	105	38	-9.8	30	-4.8	97	6.2	97	98		
2022	182	0.08	0.12	102	145	13.2	102	145	-0.82	102	96	24.8	26	10	99	47	-10.3	12	-4.8	89	3.2	99	100		
2023	147	0.13	0.17	101	143	14.9	105	143	-0.80	102	113	25.5	15	10	97	37	-14.8					106	106		
2024	180	0.18	0.22	100	151	17.5	109	151	-0.52	103	94	30.6			93								110		
2025	174	0.48	-0.10	98	131	21.1	116	131	-2.36	97	32	35.3			92								116		
2026	65	0.47	-0.01	98																					

Breed

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

Genetic Trends for Growth Test Traits



Herd

Birth Year	Growth									Frame						Carcass						Selection Values			
	FCR			ADG			Scrotum			Height			Length			EMA			Fat		Marbling		Carcass Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	RTU Number	EBV	EBVi	EBV	EBVi	EBV	EBVi			
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. 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																												
AL 130633		AL 080061 AL 070882	78	103	68	96	110	77	73	69	73	103	117	68	102	104	80	88	112	127	104	98	71	72	76	121	108	66	91
AL130633			95	97	95	90	93	86	90	87	2.59	14.1	-0.72	-10.5	20.2	11	-1	-26	17.7	-28.3	-4.9	13.5	-15	-14	-1.49	1.32	0.73	28	77
BA 150135		BA 100010 BA 100308	85	122	138	94	116	140	114	136	98	122	57	138	131	102	117	105	125	135	114	92	149	132	121	118	146	139	129
BA15-0135			97	97	95	94	94	87	94	88	0.47	25.0	1.65	9.3	42.8	9	134	-44	25.6	-34.8	-6.9	10.1	30	44	2.96	1.15	2.93	1	24
BC 160105	BP 130167 BP 130029		120	115	83	87	91	96	100	92	140	115	87	83	109	114	112	118	114	83	109	88	120	120	112	90	123	11	11
BC160105			71	76	52	24	37	49	73	54	-3.01	20.7	0.47	-6.3	26.4	24	115	-58	19.4	5.7	-5.8	7.1	13	33	2.04	-0.47	1.62	10	1
BC 160640	MAJ 070622 BP 130341		104	106	104	86	89	92	104	89	110	106	80	104	106	114	115	124	103	102	87	91	119	114	106	117	94	5	1
BC160640			71	69	61	48	54	56	69	59	-0.46	15.8	0.75	-0.2	23.6	23	128	-65	12.9	-8.9	-1.4	8.9	12	27	1.40	1.09	-0.07	1	1
BC 170037	CM 130234 BP 130022		92	105	72	102	89	76	83	70	93	105	99	72	101	97	89	90	85	88	92	96	103	95	93	104	106	1	1
BC170037			66	58	57	28	43	47	24	42	0.89	15.2	0.00	-9.4	20.0	4	31	-28	2.4	2.3	-2.5	12.6	3	8	0.18	0.33	0.64		
BC 170039	BC 150011		126	85	91	112	75	81	77	73	123	85	100	91	84	91	83	85	103	79	86	79	93	93	71	46	86	3	2
BC170039			54	57	27	6	31	34	66	40	-1.58	3.4	-0.05	-3.9	6.8	-3	9	-23	12.6	8.6	-1.2	2.0	-2	7	-2.04	-3.02	-0.50		
BC 170044	BC 150044		122	97	102	104	92	105	103	100	127	97	79	102	97	95	108	90	102	91	104	87	130	121	103	126	128	6	5
BC170044			64	66	49	24	35	45	66	49	-1.88	10.6	0.80	-0.8	16.9	1	100	-29	12.3	-0.8	-4.8	7.0	19	33	1.14	1.63	1.88		
BC 170070	BC 150528 BP 130126		104	100	104	97	99	100	80	91	100	100	109	104	98	101	79	63	99	92	97	108	106	96	98	88	94	2	2
BC170070			61	65	45	12	24	40	66	45	0.31	12.3	-0.39	-0.2	17.3	8	-2	2	10.6	-1.1	-3.5	19.5	5	10	0.69	-0.62	-0.04		
BC 170084	PB 110130 BP 080044		95	118	86	85	113	104	101	99	91	118	112	86	116	116	109	107	114	114	113	105	120	116	110	53	77	2	2
BC170084			63	66	55	5	35	43	31	41	1.08	22.8	-0.54	-5.5	31.0	26	106	-47	19.3	-18.5	-6.7	17.6	13	28	1.79	-2.63	-1.02		
BC 170508	BC 140301		90	102	113	100	87	101			89	102	108	113	100	97	115	149	120	85	93		121	101	84	161	93	1	1
170508			49	29	30	14	19	26	62	33	1.27	13.5	-0.35	2.4	19.4	4	126	-92	22.5	4.0		10.7	14	14	-0.72	3.67	-0.09		
BC 170522	PB 110130 BP 100247		97	129	71	87	115	108	121	108	94	129	108	71	131	115	138	133	112	116	114	107	142	135	118	37	80	3	3
BC170522			64	66	50	15	33	43	68	48	0.81	28.9	-0.38	-9.6	42.8	24	209	-75	17.7	-20.0	-7.0	19.3	26	46	2.66	-3.58	-0.86		

Sires

Bull			Selection Values							Calf		Dam		Growth				Fertility				Frame		Carcass			Measured Progeny		
ID	Index EBV Acc	Sire ID Dam ID	Calv.	Calf	Milk	Maint.	Fertility	Cow	Growth	Prod	Birth	Wean	Birth	Wean	Post wn	Mature	ADG	FCR	Scrotal	Heifer	Cow	Long-evi	Height	Length	EMA	Fat	Marbling	Birth	Wean
			Ease Value	Grwth Value	Value	Value	Value	Value	Value	Value	Dir	Dir	Mat.	Mat.	wt	weight					Fertility	Fertility	ty						Grwth Test
BC 170528		PB 110130 BP 100213	114	107	71	94	107	96	81	88	113	107	99	71	104	105	82	89	88	103	111	102	101	102	79	66	78	2	2
BC170528			62	65	52	14	34	43	68	48	-0.71	16.2	-0.03	-9.5	21.8	13	8	-27	4.0	-10.2	-6.3	16.3	2	15	-1.22	-1.88	-0.96	1	3
BC 170568		BC 140071 BP 130363	99	120	81	91	91	92	112	90	95	120	112	81	116	109	121	129	122	78	93	107	131	121	106	161	116	4	4
BMAFBC170568			65	59	50	13	40	43	66	48	0.79	23.6	-0.54	-6.8	31.2	17	149	-70	23.8	9.5	-2.7	19.2	19	34	1.48	3.67	1.20	1	3
BC 170592		CM 130234 BP 130303	88	102	92	103	88	82	73	73	92	102	92	92	97	96	76	71	90	91	93	90	83	93	98	107	122	3	3
BC170592			67	70	56	37	46	52	67	55	1.01	13.4	0.27	-3.6	16.7	3	-14	-8	5.3	-0.4	-2.7	8.6	-8	7	0.65	0.51	1.57	2	3
BC 171088		BC 141197 BC 141518	97	126	86	76	104	100	128	101	97	126	99	86	127	129	133	127	121	101	107	103	123	125	122	100	110	24	23
BC171088			91	92	88	85	87	81	84	82	0.58	27.4	-0.01	-5.4	40.0	40	191	-68	22.9	-8.0	-5.4	16.6	15	37	3.05	0.10	0.88	9	11
BC 171594		X 090138 X 111069	102	114	87		104				104	114	92	87	111					94	102	113					1	1	
BC171594			59	49	40		26				0.02	20.3	0.27	-5.0	27.2					-3.1	-4.4	23.0							
BC 180020		BC 160539 BP 130003	109	96	100	90	90	86			104	96	112	100	95	109	96		95	85	89	102	112	101	88		92	2	2
BC180020			60	60	47	16	23	39			-0.02	10.0	-0.52	-1.4	14.9	17	59		8.5	4.0	-1.8	16.3	9	15	-0.34		-0.18	1	3
BC 180045		BC 160600 BP 130074	112	97	90	123	105	113	78	103	107	97	111	90	93	79	79	77	88	109	101	103	94	89	86	90	97	3	1
BC180045			63	63	51	32	31	45	48	46	-0.24	10.4	-0.48	-4.1	13.7	-17	-4	-14	4.3	-14.5	-4.3	16.5	-2	3	-0.52	-0.48	0.11	2	4
BC 180540		GH 150202 BC 150601	82	119	101	101	93	101	109	99	87	119	91	101	119	97	120	118	116	91	97	97	115	116	114	115	112	10	9
BC180540			88	88	84	82	84	78	84	79	1.45	23.3	0.31	-1.3	33.9	4	145	-59	20.0	-0.8	-3.4	13.0	10	28	2.23	0.95	1.00		
BC 190037		BC 160628 BC 170020	113	95	99	112	97	105	95	99	111	95	102	99	98	90	99	89	100	105	102	89	100	98	97	94	83	15	14
BC190037			86	87	81	79	80	76	82	77	-0.58	9.2	-0.15	-1.7	17.4	-4	67	-27	11.3	-11.7	-4.5	7.9	1	12	0.57	-0.26	-0.64	1	1
BC 190079		BC 160105 BP 130126	114	122	94	96	102	120	108	116	106	122	119	94	116	102	117	109	115	94	112	99	122	125	125	106	124	3	3
BC190079			83	84	80	77	79	74	81	75	-0.16	24.9	-0.81	-3.0	31.5	9	133	-49	19.7	-3.0	-6.5	14.1	14	37	3.35	0.48	1.64	1	1
BC 190531		TG 160084 BC 177464	94	111	108	89	115	113	93	106	98	111	89	108	113	110	93	85	114	103	120	110	89	98	97	109	107	177	125
BC190531			97	97	96	94	95	88	94	89	0.53	18.7	0.38	0.7	29.2	19	45	-23	19.3	-10.0	-8.2	21.1	-5	11	0.59	0.62	0.69	2	2

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																										
BC 190559		BC 160639	BC 150512	102	101	106	96	104	104	109	101	103	101	93	106	102	101	115	130	112	121	100	94	117	108	118	99	110	4	4
BC190559				86	87	84	81	83		77	85	87	87	84	84	85	81	84	85	86	83	81	84	86	85	84	83	83		
BC 190586		BC 160628	BC 178023	121	101	77	94	96	90	100	86	120	101	95	77	99	106	107	97	95	100	100	94	118	119	112	96	73	1	1
BC190586				60	62	46	23	34		42	68	64	62	44	46	46	23	60	68	70	33	18	50	72	68	61	54	53	1	1
BC 191561		PB 120049	BC 151534	104	101	95	95	110	102			103	101	100	95	99	103				104	116	103						2	2
BC191561				64	67	51	15	36		44		68	67	48	51	42	15				-10.5	-7.3	16.9							
BC 200031		BA 150135	X 110033	111	109	113	98	105	121	105	116	114	109	87	113	113	99	109	106	111	114	99	102	130	115	107	98	109	2	2
BC200031				68	71	61	38	45		53	24	71	71	59	61	54	38	32	14	40	52	26	58	30	29	24	22	22	1	1
BC 200088		BC 170532	BP 130107	111	116	118	78	108	121	123	120	104	116	120	118	116	124	130	113	125	114	109	99	130	139	131	71	105	2	2
BC200088				83	84	80	78	79		74	79	84	84	80	80	82	78	79	79	25.3	-18.6	-5.8	14.1	19	50	3.91	-1.60	0.56		
BC 200303		CM 150219		119	98	108	91	91	98	94	93	122	98	84	108	100	108	97	87	105	103	94	86	89	100	101	105	105	11	9
BC200303				87	88	84	82	83		78	82	88	88	84	84	86	82	82	82	82	83	82	84	82	82	82	82	82		
BC 200548		BC 170538	BC 177470	118	104	101	90	114	116	99	110	119	104	89	101	105	109	107	108	121	115	100	104	107	105	102	113	1	2	
BC200548				81	82	79	77	78		73	78	82	82	79	79	80	77	77	78	78	77	76	80	78	78	77	77	77	1	1
BOS 088471		BOS 022109	BOS 033011	91	117	96	89	115	110	105	106	86	117	115	96	114	111	108	102	101	105	122	108	87	106	109	107	104	20	131
BOS088471				94	97	96	92	94		87	90	94	97	93	96	94	92	90	89	11.5	-11.5	-8.5	19.9	-6	19	1.71	0.52	0.55	50	200
BOS 200463		BOS 177146	BOS 166318	103	122	88	91	128	128	100	121	97	122	118	88	122	108	109	103	113	107	140	118	102	120	118	116	105	245	183
BOSTON BOS 20 0463				97	98	96	94	95		88	94	98	98	95	96	96	94	94	94	18.7	-13.1	-12.0	25.8	3	32	2.65	1.01	0.58		
BOS 200505		BOS 133078	BOS 155061	88	115	104	97	113	115	114	113	85	115	123	104	113	101	109	90	98	128	100	106	86	109	111	95	102	31	24
BOS200505				92	93	90	87	89		83	87	93	93	89	90	90	87	87	86	10.2	-29.2	-4.1	18.7	-7	22	1.96	-0.19	0.42		
BP 210146		CM 180242	BC 180030	70	126	107	99	110	117	112	114	78	126	84	107	123	98	122	122	107	103	121	101	109	114	118	113	116	46	25
BP210146				93	92	88	87	87		82	86	94	92	89	88	89	87	87	86	15.1	-9.8	-8.3	15.2	7	27	2.58	0.87	1.20		

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																												
BP 210304		BC 170541 BC 180222	118	82	94		103		75		117	82	97	94	81		77	85	95	110		99	93	81	74	109	81		
BP210304			51	35	34		18		33		-1.06	1.6	0.07	-3.1	4.7		-12	-23	8.2	-15.5		14.1	-3	-5	-1.70	0.62	-0.79		
											56	35	33	34	28		28	33	34	11		40	35	32	29	25	25		
BP 220164		BP 130346	111	103	95	97	103	103	104	99	114	103	86	95	106	101	113	115	100	108	112	89	88	90	98	108	105	1	1
BP220164			82	83	80	78	79	74	78	75	-0.80	13.7	0.49	-2.9	23.6	9	120	-55	11.0	-14.0	-6.5	7.9	-6	4	0.70	0.57	0.57		
											83	83	80	80	82	78	78	78	79	79	78	80	78	78	78	78	78		
BP 220191		TG 170098 BC 140042	90	114	122	79	112	114	117	112	96	114	86	122	117	123	122	118	114	117	112	102	118	115	113	102	109	1	1
BP220191			84	85	82	79	80	75	79	76	0.70	20.0	0.50	4.6	31.9	33	151	-59	19.2	-20.7	-6.4	15.9	12	28	2.11	0.25	0.83		
											85	85	81	82	83	79	79	79	79	80	79	82	79	79	79	79	79		
BP 220664		BA 150135 BC 140544	86	121	100	97	124	126	113	122	94	121	81	100	126	100	109	94	98	148	119	96	133	117	119	91	118	1	1
BP220664			86	86	84	82	83	77	82	78	0.86	24.0	0.68	-1.3	39.0	8	106	-33	10.2	-45.0	-7.9	12.2	20	29	2.74	-0.44	1.29		
											87	86	84	84	85	82	81	81	82	83	81	84	82	82	81	81	81		
BP 220680		TG 170098 BC 150529	110	109	88	96	113	110	106	107	114	109	83	88	111	103	107	103	88	118	115	99	105	103	103	104	106	2	2
BP220680			85	86	83	81	81	76	80	77	-0.81	17.4	0.61	-4.8	27.6	11	99	-42	4.4	-21.6	-7.1	14.4	4	16	1.18	0.37	0.63		
											86	86	82	83	84	81	80	80	80	81	80	82	80	80	80	80	80		
BP 220685		BC 177404	90	107	102	96	111	106	105	102	94	107	89	102	108	102	109	105	101	117	116	96	98	102	107	102	104	1	1
BP220685			81	82	79	77	77	73	76	74	0.81	16.1	0.37	-1.0	24.9	10	105	-44	11.4	-21.1	-7.3	12.0	0	16	1.52	0.24	0.54		
											82	82	78	79	80	77	77	76	77	77	76	79	77	77	76	76	76		
BP 220688		BC 190531 BC 170529	116	108	104	99	112	123	92	116	114	108	98	104	108	99	95	91	110	112	108	109	83	92	96	103	102	1	
BP220688			85	85	83	81	81	76	80	77	-0.84	16.6	0.01	-0.2	25.1	6	55	-29	16.8	-16.9	-5.7	20.4	-8	6	0.50	0.29	0.38		
											86	85	83	83	84	81	81	80	82	81	80	83	82	81	80	80	80		
BP 220696		BC 150553	115	104	75	101	106	100	101	96	117	104	91	75	101	98	101	96	94	108	110	98	101	96	100	98	107	1	1
BP220696			83	84	81	79	80	75	79	76	-1.04	14.4	0.32	-8.4	19.7	5	77	-35	7.7	-14.0	-6.1	13.6	2	9	0.86	0.01	0.67		
											84	84	81	81	82	79	79	79	79	80	79	81	79	79	79	79	79		
BP 220700		BA 150135 BC 170594	78	124	124	86	105	118	114	115	92	124	66	124	127	113	118	109	110	114	108	93	136	127	121	111	132	2	2
BP220700			86	86	84	82	83	77	82	78	1.03	26.2	1.30	5.3	40.0	22	138	-49	16.7	-18.7	-5.8	10.7	22	39	2.95	0.77	2.09		
											86	86	84	84	85	82	82	81	82	83	81	84	82	82	81	81	81		
BP 220711		BC 190037 BC 170524	91	105	112	84	97	93	100	90	98	105	80	112	105	116	109	105	108	108	93	95	103	108	109	99	98	1	1
BP220711			83	84	80	79	79	74	79	75	0.47	15.1	0.72	1.8	22.7	25	105	-45	15.8	-14.1	-2.6	11.7	3	21	1.78	0.06	0.20		
											84	84	80	80	82	79	79	78	80	79	78	81	80	80	78	78	78		
BP 230609		BC 190531 BC 180585	91	119	103	79	118	112	104	108	87	119	112	103	118	123	106	100	120	111	120	111	109	111	106	107	114	1	1
BP230609			85	85	82	80	81	76	80	77	1.38	23.2	-0.55	-0.6	33.2	34	95	-39	22.7	-15.8	-8.1	21.5	7	24	1.44	0.53	1.10		
											85	85	83	82	84	80	80	80	81	81	80	82	81	81	80	80	80		

Sires

Bull				Selection Values							Calf		Dam		Growth				Fertility				Frame		Carcass			Measured Progeny			
ID	Index EBV Acc	Sire ID	Dam ID	Calv.	Calf	Milk	Maint.	Fertility	Cow	Growth	Prod	Birth	Wean	Birth	Wean	Post wn	Mature	ADG	FCR	Scrotal	Heifer	Cow	Long-evi	Height	Length	EMA	Fat	Marbling	Birth	Wean	
				Ease Value	Grwth Value	Value	Value	Value	Value	Value	Value	Dir	Dir	Mat.	Mat.	wt	weight					Fertility	Fertility	ty							Grwth Test
CM 160217		120105	CM 070020	84	121	96	101	108	112	113	110	80	121	117	96	121	97	119	112	107	114	108	98	127	122	114	106	108	28	25	
CM16217				92	93	90	87	88	83	86	84	2.00	24.2	-0.72	-2.4	35.2	4	142	-53	15.4	-18.6	-5.7	13.8	17	34	2.22	0.45	0.77	11	14	
CM16217				93	93				83	86	84	93	93	90	90	92	87	85	85	86	89	86	90	86	85	85	85	85	85		
CM 180242		120105	CM 140522	74	123	101	95	105	107	111	105	79	123	90	101	120	102	120	121	104	99	118	96	107	112	113	108	115	16	16	
CM18242				91	92	88	86	88	82	86	83	2.04	25.7	0.33	-1.0	34.4	10	145	-61	13.6	-6.6	-7.7	12.1	5	24	2.16	0.59	1.15	2	2	
CM18242				92	92				82	86	83	92	92	88	88	90	86	86	86	88	86	88	86	86	86	86	86	86	86		
GH 150202			GH 061077	102	104	86	102	103	98	94	92	107	104	85	86	101	97	101	101	105	123	107	84	100	100	96	117	102	39	28	
150202				80	83	60	24	50	56	52	55	-0.21	14.1	0.54	-5.3	20.1	4	75	-40	13.8	-25.5	-5.4	4.6	2	13	0.46	1.13	0.43	8	5	
150202				86	83				56	52	55	86	83	59	60	68	24	62	33	57	55	21	75	59	56	29	25	24			
OBS 180168		OBS 140279	BOS 100801	120	100	55	126	104	100	86	93	116	100	107	55	94	78	84	90	76	104	101	106	72	71	79	93	101	209	209	
OBS18168				97	98	94	92	93	87	93	88	-0.97	12.1	-0.34	-13.9	14.0	-18	15	-28	-2.3	-10.4	-4.3	18.4	-15	-14	-1.16	-0.30	0.36	28	27	
OBS18168				98	98				87	93	88	98	98	94	94	96	92	94	91	95	94	91	94	94	93	91	91	91			
PR 210150		BOS 088471	PR 120027	103	125	75	96	109	111	127	112	100	125	131	75	122	103	129	120	116	104	115	103	111	122	129	111	116	54	33	
PR 210150				84	85	64	37	50	60	23	53	0.29	26.5	-1.28	-8.3	35.8	11	176	-61	20.3	-11.0	-7.2	16.6	8	35	3.68	0.73	1.20			
PR 210150				85	85				60	23	53	90	85	65	64	52	37	31	13	33	49	37	64	33	32	22	20	20			
SPB 170134		SPB 130281	SPB 140082	118	102	88	120	111	121	115	118	116	102	100	88	104	83	117	113	107	127	101	101	102	101	107	101	110	10	10	
SPB170134				77	79	67	53	56	62	42	58	-0.96	13.3	-0.04	-4.7	21.8	-13	133	-53	15.1	-28.5	-4.3	15.7	2	15	1.51	0.16	0.85	5	7	
SPB170134				79	79				62	42	58	80	79	66	67	66	53	68	10	75	62	37	68	77	74	11	10	10			
TG 160084			TG 070055	101	113	95	84	105	100	101	96	103	113	93	95	114	118	107		124	93	113	104	110	110				23	21	
160084				77	81	47	20	38	50	22	44	0.13	19.6	0.22	-2.9	29.6	27	96		24.8	-2.1	-6.7	17.5	7	23				2	2	
160084				81	81				50	22	44	82	81	58	47	66	20	37		67	32	14	67	45	43						
TG 170098			TG 110143	90	111	100	89	109	103			101	111	68	100	115	111				119	111	96						15	14	
1798				71	75	49	53	37	53			0.27	18.2	1.21	-1.4	30.3	19				-22.3	-6.3	12.2						4	4	
1798				75	75				53			77	75	49	49	70	53				50	7	54								
X 120105		X 020006		99	114	100	89	112	112	103	107	109	114	68	100	114	111	111	107	113	108	126	95	112	112	108	109	112	164	112	
X120105				97	97	94	93	94	87	92	88	-0.40	20.4	1.19	-1.3	30.0	19	113	-46	18.8	-14.0	-9.4	11.4	8	25	1.69	0.62	0.98	13	26	
X120105				97	97				87	92	88	98	97	95	94	96	93	92	92	92	94	92	95	92	92	92	92	92			

Breeding Values and Accuracies: Bulls

Green: >120 High
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Inbreeding in red is high

Value <80 Value >120

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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
BC 190531	90301037		TG 160084 BC 177464	94	111	108	89	115	113	93	106	98	98	89	110	111	108	112	113	93	85	114	103	120	110	89	98	97	109	107
	BC190531			97	97	96	94	95	88	94	89	94	0.53	0.38	19	18.7	0.7	70	29.2	45	-23	19.3	-10.0	-8.2	21.1	-5	11	0.59	0.62	0.69
													98	95	94	97	96	96	96	95	94	95	95	94	96	95	95	94	94	94
CM 190201	90491697		X 120105 CM 150244	107	121	92	89	111	116	109	112	117	105	102	110	121	92	109	116	117	114	126	104	121	101	118	115	115	97	112
	CM19201			87	86	84	82	83	77	81	78	81	-0.11	-0.15	19	24.1	-3.7	62	31.2	132	-54	26.1	-10.5	-8.3	15.5	12	28	2.31	-0.10	0.96
													88	84	82	86	84	84	85	81	81	81	83	81	85	81	81	81	81	81
BC 201049	91613877		BC 171594 BC 141007	104	100	87	104	99	94				104	99	96	100	87	90	99	87	83	86	97	99	103	97	90			
	BC201049			59	59	44	8	30	38				0.03	-0.03	2	12.2	-5.0	18	17.9	25	-21	3.0	-4.8	-3.9	16.5	-1	4			
													63	44	8	59	44	37	35	8	5	9	29	17	44	9	9			
BC 210510	92200161		BC 170039 BC 177464	103	90	110	103	88	90	79	82	80	106	91	95	90	110	98	91	83	84	99	89	94	91	93	91	77	67	78
	BC210510			54	54	33	6	23	33	35	33	28	-0.13	0.28	2	6.4	1.4	38	12.2	9	-22	10.7	0.8	-2.8	9.1	-3	5	-1.37	-1.79	-0.94
													59	35	6	54	33	31	49	31	33	38	21	9	39	39	36	29	26	25
BP 210105	93714772		BA 150135 BP 130047	116	96	127	98	114	127	100	121	103	119	87	98	96	127	117	100	104	103	108	129	111	97	123	111	103	98	122
	BP210105			66	68	59	36	42	51	30	47	27	-1.20	0.45	5	9.5	6.2	82	19.0	88	-43	15.6	-30.4	-6.3	12.8	15	24	1.17	0.01	1.54
													68	57	36	68	59	54	58	34	22	43	46	26	53	35	34	28	26	25
BP 210107	98252893		BC 170063	120	83	89	119	86	88				121	89	84	83	89	77	81				101	99	72					
	BP 210107			52	29	26	8	17	25				-1.43	0.40	-12	2.5	-4.5	-13	4.5				-8.6	-3.9	-2.7					
													57	36	8	29	26	21	15				14	12	24					
BP 210146	93379055		CM 180242 BC 180030	70	126	107	99	110	117	112	114	120	78	84	98	126	107	133	123	122	122	107	103	121	101	109	114	118	113	116
	BP210146			93	92	88	87	87	82	86	83	86	2.14	0.58	5	27.3	0.5	120	36.8	151	-63	15.1	-9.8	-8.3	15.2	7	27	2.58	0.87	1.20
													94	89	87	92	88	89	89	87	86	87	87	87	88	87	87	86	86	86
BP 210611	95244240		BC 160569	114	81	98		86					109	111		81	98		79	80		80	93	99	77	98	88			
	BP210611			51	28	27		18					-0.39	-0.50		1.1	-2.0		2.6	-2		-0.2	-1.9	-4.0	0.8	0	2			
													56	34		28	27		18	13		16	23	6	26	17	16			
BP 218020	95276762		BC 180077	112	90	99	117	88	95			77	111	97	85	90	99	93	89	79	82	87	97	99	79	87	83	76	89	93
	BP 218020			31	32	34	18	20	25			6	-0.59	0.07	-10	6.2	-1.7	25	10.4	-4	-19	3.5	-5.2	-3.9	1.6	-6	-3	-1.56	-0.52	-0.09
													32	29	18	32	34	28	26	7	8	9	24	13	22	9	8	7	6	6
PR 210150	93398238		BOS 088471 PR 120027	103	125	75	96	109	111	127	112	128	100	131	103	125	75	103	122	129	120	116	104	115	103	111	122	129	111	116
	PR 210150			84	85	64	37	50	60	23	53	21	0.29	-1.28	11	26.5	-8.3	49	35.8	176	-61	20.3	-11.0	-7.2	16.6	8	35	3.68	0.73	1.20
													90	65	37	85	64	62	52	31	13	33	49	37	64	33	32	22	20	20
BC 222059	97228142		BC 191561 X 130063	109	96	77	108	99	90				107	101	93	96	77	78	94	83		90	95	108	97	95	87			
	22 2059			59	62	48	8	31	40				-0.26	-0.11	0	10.1	-7.9	-11	14.5	12		5.3	-3.2	-5.6	12.9	-1	1			
													63	45	8	62	48	39	38	5		5	31	18	44	5	5			
BP 220140	95244224		BC 170020	91	87	117	124	76	89				91	103	75	87	117	111	86	74		80	85	85	76	80	75			
	BP220140			52	33	32	14	21	28				1.09	-0.19	-21	4.5	3.4	69	7.9	-22		-0.3	4.1	-1.1	0.1	-10	-10			
													57	36	14	33	32	26	28	15		17	25	11	26	18	16			

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name				64	64	56	35	40	122 48	95 25	115 43	96 24	98 0.48	76 0.88	97 4	112 19.1	119 4.0	129 110	122 35.7	96 59	95 -33	107 14.9	121 -24.1	107 -5.4	100 15.1	121 13	106 19	100 0.81	93 -0.30	100 0.30
BP 220628	BA 150135	X	111049	90	112	119	100	111	122	95	115	96	98	76	97	112	119	129	122	96	95	107	121	107	100	121	106	100	93	100
93854016				64	64	56	35	40	48	25	43	24	0.48	0.88	4	19.1	4.0	110	35.7	59	-33	14.9	-24.1	-5.4	15.1	13	19	0.81	-0.30	0.30
BP220628													67	55	35	64	56	52	54	32	16	41	44	26	51	31	30	25	23	23
BP 220696	BC 150553			115	104	75	101	106	100	101	96	96	117	91	98	104	75	83	101	101	96	94	108	110	98	101	96	100	98	107
94691714				83	84	81	79	80	75	79	76	79	-1.04	0.32	5	14.4	-8.4	1	19.7	77	-35	7.7	-14.0	-6.1	13.6	2	9	0.86	0.01	0.67
BP220696													84	81	79	84	81	81	82	79	79	79	80	79	81	79	79	79	79	79
BP 220712	BC 178022			131	75	101							127	100		75	101		75						83					
98247042				48	21	28							-1.91	-0.06		-2.1	-1.2		-0.7						4.1					
BP 220712													53	32		21	28		11						20					
BP 228012	BC 190068			112	82	100		83					113	93		82	100	84	80				87	100	75					
96835285				31	30	29		19					-0.75	0.24		1.7	-1.3	4	3.8				3.1	-4.1	-0.5					
BP 228012													32	28		30	29	21	17				23	10	23					
PB 220047	AL 130633			95	112	68	89	111	89	85	82	97	91	113	112	112	68	80	113	96	99	111	113	111	103	92	93	95	117	112
95012530	PB 150201			85	87	84	81	83	77	80	78	80	1.11	-0.57	21	19.0	-10.4	-5	28.7	57	-38	17.3	-17.9	-6.4	16.3	-3	7	0.32	1.08	0.96
PB220047													86	83	81	87	84	84	84	81	80	81	83	81	84	81	81	80	80	80
BP 230104	X 120105			96	117	88	84	96	91	118	91	120	98	94	118	117	88	99	117	123	115	126	96	99	98	112	120	121	102	109
96956347	BC 180001			85	85	83	80	81	76	79	77	79	0.47	0.18	28	21.8	-4.8	39	32.4	156	-55	26.1	-4.5	-3.8	13.5	8	33	2.96	0.25	0.82
BP230104													85	83	80	85	83	83	84	79	79	79	81	80	83	79	79	79	79	79
BP 230109	X 120105			95	100	104	88	105	95	96	90	102	107	64	111	100	104	97	98	103	98	97	107	114	94	108	107	100	110	111
96956370	BC 200066			84	85	82	80	81	76	80	77	79	-0.27	1.38	20	12.2	-0.4	34	17.2	81	-37	9.3	-13.2	-6.8	11.0	6	20	0.89	0.70	0.91
BP230109													85	82	80	85	82	82	84	79	79	79	82	79	82	79	79	79	79	79
BP 230116	BC 190531			119	102	101	93	119	120	101	115	104	113	111	105	102	101	100	104	103	99	104	123	120	104	101	107	105	95	113
96956388	BP 130047			85	85	82	79	80	75	80	76	79	-0.74	-0.50	13	13.5	-1.0	42	21.8	85	-38	13.3	-25.2	-8.1	17.2	2	20	1.37	-0.19	1.02
BP230116													85	83	79	85	82	82	84	80	79	80	80	79	82	80	80	79	79	79
BP 230121	BA 150135			85	127	121	85	104	120	133	121	130	92	80	114	127	121	136	132	132	118	131	109	103	100	145	136	126	114	139
96956412	BP 130332			85	85	83	80	81	76	79	77	79	0.97	0.73	23	27.8	4.6	127	43.9	189	-59	29.0	-14.7	-4.8	14.8	27	48	3.45	0.90	2.50
BP230121													85	83	80	85	83	83	84	80	78	81	81	79	82	80	80	79	79	79
BP 230122	BC 190531			100	119	99	86	111	114	112	111	110	99	103	114	119	99	111	121	112	102	123	103	117	107	114	113	113	113	115
96956420	BP 130387			84	85	82	79	80	75	80	76	79	0.42	-0.17	24	23.3	-1.7	68	35.2	115	-42	24.4	-9.4	-7.5	19.1	10	25	2.12	0.84	1.16
BP230122													85	82	79	85	82	82	83	80	79	80	80	79	81	80	80	79	79	79
BP 230127	BC 190531			96	120	84	89	113	108	111	106	111	95	104	110	120	84	102	120	114	112	110	105	120	106	106	107	105	119	111
96956461	BP 140346			85	85	83	80	81	76	80	77	80	0.74	-0.23	19	23.8	-5.8	47	34.5	124	-53	16.9	-11.3	-8.1	18.6	5	20	1.39	1.20	0.93
BP230127													86	83	80	85	83	83	83	81	80	81	81	80	82	81	81	80	80	79
BP 230141	BC 200088			102	117	120	92	103	122	111	119	116	99	106	105	117	120	130	115	115	99	121	109	100	100	123	125	117	97	104
96956487	BC 190039			82	83	79	77	78	73	78	74	77	0.39	-0.30	13	22.0	4.1	113	30.8	126	-38	23.2	-14.9	-4.1	14.5	15	37	2.50	-0.08	0.55
BP230141													83	79	77	83	79	80	81	77	77	78	78	77	80	78	78	77	77	77

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
BP 230355		BC 190531	BC 180203	110	105	93	97	112	109	92	103	91	109	97	102	105	93	97	105	93	88	104	114	111	105	90	92	93	98	104
96956537				85	86	83	81	82	76	81	77	80	-0.44	0.08	9	15.0	-3.5	34	23.3	47	-26	13.2	-18.2	-6.2	17.7	-4	6	0.20	0.01	0.54
BP230355														86	83	81	86	83	83	84	81	80	82	82	81	83	82	82	80	80
BP 230502		BP 200507		107	93	108	101	85	90			84	108	94	97	93	108	99	90	85	85	93	90	94	83	97	92	85	94	102
98252851				50	32	29	9	17	26			14	-0.35	0.19	3	7.9	0.9	39	11.6	18	-23	7.4	0.3	-2.9	4.5	-1	6	-0.66	-0.26	0.41
BP230502														55	33	9	32	29	23	26	15	17	19	15	8	29	18	17	15	13
BP 230521		BC 177405		87	111	107	88	82	85				93	84	111	111	107	110	108				81		87					
95627527				48	52	32	16	15	31				0.88	0.59	20	18.5	0.5	67	25.0				7.3		6.6					
BP230521														53	31	16	52	32	33	46				11		30				
BP 230609		BC 190531	BC 180585	91	119	103	79	118	112	104	108	110	87	112	123	119	103	110	118	106	100	120	111	120	111	109	111	106	107	114
96956586				85	85	82	80	81	76	80	77	80	1.38	-0.55	34	23.2	-0.6	65	33.2	95	-39	22.7	-15.8	-8.1	21.5	7	24	1.44	0.53	1.10
BP230609														85	83	80	85	82	82	84	80	80	81	81	80	82	81	81	80	80
BP 230613		X 120105	BC 150666	100	119	112	78	117	120				104	87	124	119	112	116	118	131		124	109	126	105	135	133			
96956602				65	66	56	27	39	48				0.03	0.46	35	22.8	1.9	79	33.1	186		24.9	-14.4	-9.2	18.0	22	45			
BP230613														67	56	27	66	56	50	61	17		11	44	21	52	11	11		
BP 230615		X 120105	BC 180555	101	119	100	81	106	108	108	105	116	103	95	120	119	100	109	121	119	118	117	104	112	100	112	114	117	102	113
96956610				85	85	83	80	82	76	80	77	79	0.12	0.13	30	23.0	-1.4	62	35.4	140	-59	20.9	-10.6	-6.4	14.5	8	26	2.54	0.25	1.01
BP230615														85	83	80	85	83	83	84	79	79	80	82	80	83	80	80	79	79
BP 230626		BC 190531	BC 150635	96	113	85	96	120	112	99	106	99	91	118	102	113	85	99	114	98	91	111	120	122	106	82	92	101	104	110
96956669				85	85	82	79	80	75	80	76	79	1.12	-0.76	10	19.8	-5.5	40	30.2	64	-30	17.2	-23.0	-8.5	18.4	-9	5	0.98	0.33	0.84
BP230626														85	83	79	85	82	82	84	80	79	80	80	79	81	80	80	79	79
BP 230639		BC 180540	BC 180512	110	109	87	109	94	104	99	99	101	110	95	93	109	87	101	113	106	104	104	98	93	96	97	98	103	105	105
96956693				82	82	79	77	78	73	78	74	76	-0.50	0.13	-1	17.6	-5.0	45	28.9	94	-43	13.2	-6.2	-2.7	12.4	0	11	1.11	0.42	0.57
BP230639														83	79	77	82	79	79	81	78	77	77	78	77	80	77	77	77	76
BP 230640		BC 190531	BC 170529	109	112	99	87	105	109	97	103	103	111	90	113	112	99	105	114	101	96	115	102	104	106	94	102	105	109	104
96956701				84	85	82	79	80	75	80	76	79	-0.57	0.36	22	19.3	-1.7	54	30.2	77	-35	19.9	-8.8	-5.0	18.7	-2	16	1.35	0.64	0.52
BP230640														85	82	79	85	82	82	84	80	79	80	80	79	82	80	80	79	79
BP 230646		BC 190531	BC 178022	117	96	102	96	106	106				115	100	102	96	102	94	97	86		101	99	104	111	93	91			
98247067				62	61	46	11	26	39				-0.91	-0.06	10	9.7	-1.0	28	16.4	20		11.4	-6.5	-4.9	21.7	-2	4			
BP230646														65	52	11	61	46	39	55	27		34	26	10	41	34	32		
BP 240002		BC 200303	BP 210126	83	113	101	84	111	101	100	97	107	88	92	116	113	101	106	111	107	102	115	122	109	99	106	110	110	102	107
98240070				82	82	79	77	78	73	78	74	77	1.37	0.28	25	19.7	-1.0	56	27.7	98	-41	19.9	-24.4	-5.9	13.9	5	23	1.86	0.23	0.68
BP240002														83	79	77	82	79	79	79	77	77	78	78	77	80	78	78	77	77
BP 240023		BA 150135	BC 200017	91	116	138	87	119	136	107	131	116	99	78	110	116	138	140	118	114	115	118	130	119	101	142	129	111	101	113
98865009				64	57	52	35	41	46	30	43	27	0.42	0.81	18	21.1	9.2	137	33.3	125	-55	21.6	-30.6	-7.9	15.2	26	41	1.93	0.15	1.01
BP 240023														67	53	35	57	52	48	49	34	22	44	49	26	48	35	34	28	26

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ID Number Name																													
BP 240052		BC 190531	95	129	108	79	115	124	107	119	123	94	105	123	129	108	123	129	115	109	122	114	119	104	106	122	122	115	116
98240336		BC 200086	84	85	82	80	80	75	80	76	79	0.85	-0.26	33	29.0	0.7	97	41.7	127	-49	23.7	-18.7	-7.8	17.1	5	34	3.00	1.00	1.22
BP240052												85	82	80	85	82	82	83	80	79	81	80	82	81	80	79	79	79	
BP 240055		BC 190531	88	111	108	80	114	106	111	103	113	93	88	121	111	108	107	111	113	106	129	105	117	111	114	116	112	99	111
98242613		BP 200037	84	84	81	79	80	75	80	76	79	0.91	0.41	32	18.7	0.9	59	27.7	120	-46	27.9	-11.8	-7.5	21.5	10	28	2.01	0.04	0.92
BP240055												84	82	79	84	81	81	82	80	79	80	80	81	81	80	80	79	79	79
BP 240056		BC 190531	72	133	103	74	112	108	118	107	122	73	100	130	133	103	120	137	121	114	120	112	108	109	121	123	118	106	118
98240351		BP 220123	85	85	83	81	82	76	80	77	80	2.62	-0.04	42	31.2	-0.5	89	47.7	147	-54	22.6	-16.8	-5.7	20.4	13	36	2.61	0.46	1.29
BP240056												86	83	81	85	83	83	84	81	80	82	82	81	83	82	81	80	80	80
BP 240059		BC 190531	92	117	117	80	123	125	115	122	119	94	98	121	117	117	120	118	118	109	123	127	119	111	119	123	112	114	119
98240377		BP 130396	85	85	82	79	81	76	80	77	79	0.87	0.03	31	22.0	3.4	88	32.7	136	-49	24.1	-28.4	-7.9	21.4	12	35	1.99	0.95	1.36
BP240059												85	83	79	85	82	82	83	80	79	80	81	79	82	80	80	79	79	79
BP 240062		BC 190531	85	118	100	93	115	113	96	107	100	88	96	106	118	100	115	119	94	84	114	109	118	108	99	104	104	101	104
98240393		BC 180077	85	85	83	80	81	76	80	77	80	1.35	0.11	13	22.4	-1.3	77	33.8	50	-22	19.0	-14.5	-7.7	19.5	1	17	1.23	0.14	0.53
BP240062												86	83	80	85	83	83	84	81	80	81	81	80	82	81	81	80	80	80
BP 240084		BC 190531	84	121	100	90	111	110	110	107	118	88	91	109	121	100	116	117	117	113	120	97	122	106	118	119	117	108	115
98240567		BC 180018	84	84	82	79	80	75	80	76	79	1.30	0.29	17	24.0	-1.4	79	32.2	133	-53	22.5	-5.0	-8.5	18.7	12	32	2.57	0.59	1.17
BP240084												85	82	79	84	82	82	82	80	79	80	80	79	81	80	80	79	79	79
BP 240086		BA 150135	99	115	99	89	107	108	108	105	110	97	107	110	115	99	108	114	113	110	117	122	98	101	123	114	111	99	114
98750284		BC 180079	83	84	81	79	80	75	78	76	77	0.61	-0.33	19	20.8	-1.8	62	29.9	119	-50	20.8	-24.7	-3.6	15.1	14	27	1.94	0.05	1.09
BP240086												84	81	79	84	81	81	82	78	77	79	80	78	81	78	78	77	77	77
BP 240095		BA 150135	106	119	104	88	115	124	109	120	119	110	83	111	119	104	117	123	117	111	123	134	106	100	123	120	117	120	132
98240625		BC 140134	86	86	84	81	82	77	80	78	80	-0.51	0.62	19	23.2	-0.2	82	36.9	134	-51	24.4	-34.5	-5.2	14.9	15	33	2.48	1.28	2.10
BP240095												86	84	81	86	84	84	84	81	80	82	82	81	83	81	81	80	80	80
BP 240100		BC 190531	98	130	113	82	117	132	114	128	129	100	94	119	130	113	130	132	121	115	126	107	119	112	131	132	128	118	131
98750334		BP 200068	85	85	82	81	81	76	80	77	80	0.34	0.19	29	29.5	2.1	112	43.8	149	-56	26.0	-13.3	-7.9	22.5	19	43	3.57	1.18	2.05
BP240100												85	83	81	85	82	83	84	81	80	82	81	80	82	81	81	80	80	80
BP 240308		BA 150135	105	117	118	86	120	132	108	127	116	109	86	113	117	118	124	122	114	104	132	126	128	96	137	124	116	121	129
98240690		BC 180291	84	85	82	81	81	76	80	77	80	-0.42	0.50	22	22.0	3.6	99	36.4	123	-43	29.6	-28.1	-9.6	12.3	23	36	2.45	1.31	1.92
BP240308												85	82	81	85	82	83	82	80	79	81	81	80	82	80	80	80	80	80
BP 240324		BC 190531	126	108	77	100	110	112	97	106	100	120	109	99	108	77	88	109	99	95	105	104	114	106	85	95	98	107	106
98240815		BP 220301	84	85	82	81	81	76	80	77	79	-1.35	-0.40	6	16.9	-7.8	15	25.8	70	-34	14.1	-10.8	-6.9	18.4	-7	9	0.62	0.52	0.63
BP240324												85	82	81	85	82	83	83	80	79	81	81	80	82	81	81	79	79	79
BP 240330		BA 150135	83	115	103	81	109	100	108	98	114	91	81	120	115	103	107	115	118	115	101	123	103	99	111	117	112	102	110
98240856		BP 210305	81	81	79	77	78	73	76	74	76	1.09	0.69	30	20.9	-0.6	59	30.4	137	-55	11.7	-25.3	-4.6	14.3	8	30	2.01	0.20	0.85
BP240330												82	79	77	81	79	79	80	77	75	78	78	76	79	77	76	76	76	76

Breeding Values and Accuracies: Bulls

Green: >120 High
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Inbreeding in red is high

Value <80 Value >120

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
BP 240332 98240864 BP240332				91 85	121 85	90 82	88 81	114 81	109 76	106 80	105 77	111 80	91 1.09 86	102 -0.14 83	112 21 81	121 24.3 85	90 -4.3 82	106 57 83	122 35.7 84	110 107 81	107 -47 80	116 20.5 81	109 -14.6 82	116 -7.3 80	109 20.2 82	106 5 81	109 22 81	108 1.60 80	111 0.72 80	111 0.92 80
BP 240508 98240930 BP240508				81 83	128 84	93 81	86 79	108 80	107 75	112 78	105 76	121 78	85 1.61 84	95 0.13 81	114 23 79	128 28.5 84	93 -3.4 81	115 78 81	124 37.8 81	123 154 79	120 -60 78	115 19.4 79	101 -8.5 80	115 -7.1 78	103 16.6 81	118 12 79	122 34 79	123 3.09 78	103 0.29 78	119 1.40 78
BP 240521 98241003 BP240521				91 83	122 84	111 81	82 79	117 80	121 75	109 79	117 76	118 78	94 0.82 84	93 0.23 81	118 28 79	122 25.0 84	111 1.6 81	121 92 81	122 36.1 82	114 122 79	106 -46 78	124 25.0 80	113 -18.0 80	122 -8.4 79	105 17.9 81	108 6 80	119 32 80	119 2.70 78	85 -0.78 78	109 0.78 78
BP 240523 98241029 BP240523				94 84	110 85	109 82	96 79	108 80	113 75	93 80	106 76	100 79	93 0.94 85	105 -0.26 82	101 8 79	110 17.8 85	109 1.2 82	116 80 82	110 27.0 82	101 74 80	101 -40 79	110 16.6 80	94 -2.4 80	116 -7.2 79	109 20.5 81	91 -4 80	96 10 80	105 1.33 79	105 0.39 79	105 0.60 79
BP 240531 98241086 BP240531				59 84	129 85	135 82	77 81	107 81	115 76	113 80	112 77	126 79	71 2.74 85	64 1.38 82	124 34 81	129 28.9 85	135 8.4 82	143 144 83	130 42.6 82	125 162 80	121 -62 79	129 27.7 81	117 -20.4 81	105 -5.0 79	98 13.5 82	145 27 80	131 43 80	124 3.17 79	119 1.23 79	129 1.92 79
BP 240533 98335011 BP240533				88 84	108 84	125 83	97 80	105 81	116 76	106 80	111 77	108 79	100 0.33 85	66 1.29 82	100 7 80	108 16.8 84	125 5.7 83	128 109 82	111 27.5 82	107 97 80	96 -34 79	110 16.7 81	118 -21.2 81	97 -3.4 79	101 15.3 82	117 11 80	112 25 80	110 1.84 79	113 0.85 79	122 1.55 79
BP 240546 98239916 BP240546				76 85	113 85	102 82	89 81	114 81	103 76	100 80	98 77	99 80	87 1.41 85	74 0.98 83	110 18 81	113 19.8 85	102 -0.9 82	109 64 83	115 30.3 83	97 60 81	89 -28 80	110 16.7 81	103 -9.5 81	123 -8.8 80	106 18.4 82	94 -2 81	97 11 81	100 0.88 80	105 0.39 80	109 0.79 80
BP 240548 98239759 BP240548				72 84	123 84	104 82	89 80	111 81	108 75	107 80	105 76	110 79	80 2.01 85	85 0.55 82	110 19 80	123 25.4 84	104 -0.4 82	120 90 82	124 37.6 83	105 92 80	93 -32 79	121 23.0 81	105 -11.8 80	119 -8.0 80	103 16.4 82	114 9 81	118 31 81	105 1.34 79	105 0.42 79	111 0.93 79
BP 240551 98239940 BP240551				74 84	124 85	109 81	89 79	113 80	114 75	109 80	111 76	116 79	79 2.12 85	93 0.24 82	110 18 79	124 26.0 85	109 1.2 81	126 104 82	128 40.7 83	120 144 80	117 -57 79	129 27.5 80	114 -18.2 80	112 -6.5 79	107 19.0 81	120 13 80	123 35 80	114 2.24 79	103 0.28 79	118 1.33 79
BP 240553 98239965 BP240553				80 85	119 85	105 82	101 80	115 81	119 76	102 80	114 77	102 80	85 1.54 85	88 0.42 83	97 3 80	119 23.3 85	105 0.1 82	125 102 82	119 34.0 83	102 81 81	97 -35 80	117 20.9 81	106 -12.2 81	122 -8.5 80	106 18.7 82	98 0 81	101 14 81	102 1.02 80	104 0.32 80	113 1.04 80
BP 240557 98240005 BP240557				103 85	117 86	97 83	90 81	111 82	114 76	116 80	112 77	119 80	103 0.06 86	98 0.04 83	109 18 81	117 21.7 86	97 -2.4 83	109 62 83	116 31.0 84	118 137 81	112 -52 80	129 27.5 82	111 -16.3 82	106 -5.3 81	110 21.3 83	112 9 82	118 30 81	117 2.53 80	109 0.66 80	111 0.95 80
BP 240563 98240054 BP240563				109 85	116 85	106 82	92 80	113 81	124 76	112 80	120 77	117 79	108 -0.33 85	99 0.00 83	107 15 80	116 21.1 85	106 0.3 82	116 81 82	117 32.4 83	114 125 80	105 -44 79	127 26.8 81	102 -9.2 81	119 -7.9 80	108 19.8 82	112 8 81	119 31 80	117 2.49 79	106 0.44 79	113 1.06 79

Breeding Values and Accuracies: Bulls

Green: >120 High
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Inbreeding in red is high

Value <80 Value >120

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
BP 240570	98335052	 BC 190531	BC 190557	96	114	97	94	109	109	102	104	105	96	100	105	114	97	108	113	103	92	113	108	109	106	101	108	109	105	110
BP240570		 BC 190557		85	85	82	80	81	76	80	77	79	0.67	-0.06	13	20.2	-2.3	61	29.1	81	-30	18.3	-13.6	-5.8	18.8	2	21	1.77	0.38	0.84
													85	83	80	85	82	82	83	80	79	81	81	80	82	81	81	79	79	79
BP 240595	98241342	 BC 190531	BP 210610	78	121	110	89	104	107	102	103	113	80	98	109	121	110	124	119	108	102	116	93	107	108	111	116	114	109	110
BP240595		 BP 210610		84	85	82	80	81	76	80	77	79	1.96	0.01	17	24.1	1.3	98	33.7	101	-41	20.3	-1.9	-5.5	19.7	8	29	2.28	0.66	0.88
													85	82	80	85	82	82	83	80	79	81	81	80	82	81	80	79	79	79
BP 248014	6020741291		BP 210116	94	87	108		71				76	95	99		87	108	98	84	80	84	85	78	87	70	93	86	67	103	96
BP 248014				29	29	21		17				6	0.74	0.00		4.8	0.9	36	6.9	-1	-22	2.8	9.4	-1.5	-3.8	-3	0	-2.41	0.28	0.09
													30	24		29	21	18	20	11	8	11	25	5	20	12	11	7	6	6
BP 250001	98865033	 BOS 200463	BC 210028	121	117	79	85	114	112	103	107	114	113	118	116	117	79	92	118	115	112	104	108	119	107	107	117	116	108	107
BP250001		 BC 210028		85	85	82	80	81	76	80	77	80	-0.72	-0.75	26	21.8	-7.4	23	32.6	126	-53	13.3	-14.1	-7.8	19.0	6	29	2.43	0.55	0.68
													85	83	80	85	82	82	83	80	79	80	81	80	82	80	80	80	79	79
BP 250005	98834864	 BOS 200463	BP 210114	97	116	93	90	131	123	103	118	109	98	98	110	116	93	105	119	105	96	100	129	138	107	101	112	112	112	115
BP250005		 BP 210114		85	85	83	80	81	76	80	77	80	0.52	0.04	18	21.3	-3.3	54	33.8	91	-35	11.4	-30.4	-11.8	19.0	2	25	2.02	0.82	1.13
													85	83	80	85	83	83	84	80	80	80	81	80	82	80	80	80	80	80
BP 250012	98855117	 BOS 200463	BC 190054	102	135	88	83	120	126	111	122	128	101	104	119	135	88	115	130	124	123	122	107	129	110	120	130	130	107	114
BP250012		 BC 190054		85	86	83	80	81	76	80	77	80	0.28	-0.22	29	32.1	-4.8	78	41.9	159	-64	23.7	-13.3	-9.9	20.9	13	42	3.80	0.54	1.12
													86	83	80	86	83	83	84	80	80	81	81	80	82	81	81	80	80	80
BP 250013	99184723	 BC 190531	BP 220179	102	114	119	84	119	127	100	121	110	105	89	115	114	119	121	116	105	101	117	118	123	106	108	111	112	109	113
BP250013		 BP 220179		83	84	81	79	80	75	80	76	79	-0.07	0.39	24	20.0	4.0	91	31.2	91	-40	20.7	-21.5	-8.6	18.5	6	23	2.08	0.61	1.05
													84	81	79	84	81	81	81	80	79	80	80	79	81	80	80	79	79	79
BP 250016	98834906	 BOS 200463	BP 210126	102	111	91	99	126	122	92	115	100	102	101	100	111	91	103	109	97	93	103	120	131	110	93	101	104	110	105
BP250016		 BP 210126		85	86	83	81	81	76	80	77	80	0.20	-0.09	7	18.7	-4.0	49	26.0	61	-31	13.1	-23.4	-10.3	21.2	-3	14	1.22	0.70	0.56
													86	83	81	86	83	83	84	81	80	81	82	80	82	81	81	80	80	80
BP 250019	98834914	 BOS 200463	BP 210121	97	122	94	99	124	130	108	125	113	94	111	99	122	94	118	126	115	107	116	123	127	109	106	116	116	116	117
BP250019		 BP 210121		86	86	84	82	83	77	82	78	81	0.85	-0.51	6	24.8	-3.0	84	39.3	126	-46	20.2	-25.2	-9.6	20.1	5	29	2.43	0.03	1.26
													86	84	82	86	84	84	84	82	81	82	83	82	84	82	82	81	81	81
BP 250045	99184764	 BOS 200463	BP 230013	103	110	98	104	119	123	105	118	112	99	112	95	110	98	110	111	110	110	110	113	123	109	107	112	111	127	110
BP250045		 BP 230013		85	85	83	81	81	76	80	77	80	0.45	-0.54	2	18.1	-2.1	65	27.7	110	-50	17.1	-17.8	-8.6	20.7	5	25	1.89	1.67	0.89
													86	83	81	85	83	83	84	81	80	81	81	80	82	81	81	80	80	80
BP 250049	99184780	 BOS 200463	BC 150053	111	114	75	100	122	117	91	110	100	107	107	99	114	75	93	108	95	88	98	113	129	111	92	105	105	102	105
BP250049		 BC 150053		86	86	84	81	82	77	81	78	81	-0.25	-0.32	6	20.3	-8.5	25	24.9	55	-26	9.8	-17.9	-9.8	21.3	-3	18	1.30	0.21	0.57
													86	84	81	86	84	84	83	81	81	81	82	81	83	81	81	81	81	81
BP 250052	99184806	 BOS 200463	BC 180038	100	107	88	96	137	122	82	112	90	96	112	103	107	88	94	105	89	84	100	143	140	107	93	95	96	105	101
BP250052		 BC 180038		86	86	84	81	82	77	80	78	80	0.69	-0.53	11	16.2	-4.9	28	22.5	32	-22	11.3	-41.1	-12.1	19.1	-2	9	0.45	0.42	0.36
													86	84	81	86	84	84	84	81	80	81	82	81	83	81	81	80	80	80

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Orange: <80 Low

Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed															
Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name			Calv.	Ease	V	Calf	Growth	V	Cow	Value	Prod.	Value	Carcass	Value	Mat	Value	Wt	Value	Mat	Value	Wt	Value	Value	Value	Value	Value	Value	Value	Value
BP 250061 99184863 BP250061		BOS 200463 BC 140134	123 86	110 86	93 84	86 81	123 82	123 77	96 80	116 78	106 80	119 -1.27 86	104 -0.23 84	115 24 81	110 18.0 86	93 -3.2 84	98 36 84	112 28.2 84	103 85 81	98 -37 80	127 26.7 81	120 -23.3 82	125 -9.0 81	110 21.0 83	96 -1 81	108 21 81	107 1.59 81	108 0.56 80	107 0.69 80
BP 250062 99184871 BP250062		BOS 200463 BC 180077	108 85	119 86	83 83	96 81	124 82	124 76	104 80	119 77	108 80	105 -0.11 86	105 -0.25 83	102 10 81	119 23.0 86	83 -6.3 83	103 49 83	121 35.1 83	106 93 81	100 -39 80	104 13.4 81	123 -25.4 82	126 -9.2 81	110 20.9 82	101 2 81	110 22 81	113 2.16 80	98 0.00 80	103 0.50 80
BP 250063 99184889 BP250063		BP 220685 BC 200040	92 81	120 82	81 78	91 76	116 77	107 72	116 76	105 73	114 76	92 0.97 82	102 -0.12 78	109 18 76	120 23.6 82	81 -6.6 78	100 42 79	118 33.3 78	120 146 76	114 -55 76	113 18.4 76	120 -23.0 77	119 -7.9 76	100 15.0 78	109 7 76	111 24 76	118 2.60 76	94 -0.24 76	106 0.61 76
BP 250066 99184913 BP250066		PR 210150 BP 230112	108 83	118 84	93 81	88 79	109 80	113 75	118 78	112 76	120 78	102 0.17 84	117 -0.71 81	112 21 79	118 22.6 84	93 -3.4 81	106 57 81	118 32.9 80	123 155 79	118 -58 78	109 16.4 79	111 -16.1 80	106 -5.3 79	105 18.1 81	113 9 79	119 31 79	117 2.54 78	113 0.88 78	115 1.17 78
BP 250068 99184939 BP250068		PR 210150 BP 230027	121 83	117 84	90 81	82 79	109 80	113 75	125 79	113 76	123 79	116 -1.01 84	109 -0.40 81	120 30 79	117 21.7 84	90 -4.3 81	99 39 81	118 32.9 81	128 172 79	122 -63 79	120 22.8 79	105 -11.8 80	113 -6.6 79	103 16.8 81	120 13 79	122 34 79	122 3.03 79	104 0.34 79	104 0.51 79
BP 250074 99808776 BP250074		BOS 200463 BC 180001	87 86	119 86	92 84	89 81	111 82	105 77	109 80	102 78	118 81	85 1.57 86	109 -0.40 84	111 20 81	119 23.1 86	92 -3.7 84	107 58 84	120 34.7 83	114 125 81	110 -50 80	100 10.9 81	102 -9.3 82	114 -6.8 81	110 20.7 83	96 -1 81	115 27 81	121 2.92 81	121 1.34 81	104 0.54 81
BP 250078 6020734742 BP250078		BP 210146 BP 200038	89 57	101 47	98 36	103 17	98 20	92 33				95 0.75 62	84 0.58 40	96 2 17	101 12.8 47	98 -2.1 36	100 41 33	99 17.9 28				99 -6.5 20	105 -5.1 7	92 9.9 33					
BP 250086 99802001 BP250086		BP 210146 BP 220142	102 83	109 83	104 80	95 79	114 79	117 74	99 78	111 75	106 78	97 0.56 84	124 -1.02 80	103 10 79	109 17.4 83	104 -0.2 80	110 67 81	108 24.8 80	104 87 78	99 -38 78	97 9.5 79	112 -16.5 79	119 -8.0 78	103 16.4 80	107 5 78	108 21 78	112 2.00 78	105 0.41 78	121 1.47 78
BP 250313 99184962 BP250313		BOS 200463 BP 230302	111 86	124 86	103 84	90 82	129 83	142 77	116 82	138 78	130 81	108 -0.37 86	103 -0.17 84	109 17 82	124 26.3 86	103 -0.6 84	122 94 84	127 39.6 84	126 166 82	116 -57 81	123 24.5 82	118 -21.9 83	142 -12.6 81	108 19.8 84	131 19 82	135 47 82	126 3.45 81	117 1.13 81	127 1.82 81
BP 250318 99185001 BP250318		BOS 200463 BP 220365	85 85	114 85	105 83	85 81	125 82	115 76	97 82	109 77	108 81	84 1.66 86	108 -0.38 83	115 25 81	114 20.2 85	105 0.0 83	110 65 83	113 29.2 84	106 94 81	102 -41 81	101 11.9 82	116 -20.2 82	136 -11.3 81	106 18.6 83	112 8 82	115 27 82	113 2.08 81	100 0.11 81	107 0.69 81
BP 250320 99185019 BP250320		BOS 200463 BP 200320	95 82	116 83	80 80	110 77	116 78	116 73	107 77	112 74	114 77	92 0.97 83	128 -1.15 80	92 -2 77	116 21.6 83	80 -7.0 80	103 49 80	116 31.5 80	116 131 77	115 -55 77	111 17.6 77	112 -17.0 78	118 -7.7 77	107 19.3 80	114 10 77	115 27 77	114 2.22 77	112 0.78 77	107 0.69 77
BP 250323 99808867 BP250323		PR 210150 BP 220363	108 84	120 84	82 82	91 80	102 81	105 75	119 80	104 76	119 79	101 0.21 85	116 -0.67 82	108 17 80	120 23.5 84	82 -6.4 82	101 44 82	119 33.9 81	122 153 80	119 -60 79	107 15.3 80	100 -7.4 81	99 -3.9 80	107 19.4 82	120 13 80	118 31 80	118 2.65 79	109 0.65 79	111 0.92 79

Breeding Values and Accuracies: Bulls

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
BP 250511		BOS 200463		97	120	95	83	118	114	109	111	116	93	124	119	120	95	107	119	115	107	116	99	133	108	112	120	118	104	101
98855133		BC 180547		85	86	83	80	81	76	80	77	80	0.94	-1.02	29	23.9	-2.7	59	33.9	125	-47	20.1	-6.5	-10.7	19.9	8	32	2.65	0.34	0.34
BP250511														86	83	80	86	83	83	84	80	80	81	82	80	82	81	81	80	80
BP 250527		BOS 200463		97	125	103	90	121	129	113	126	122	92	114	109	125	103	123	125	121	114	111	110	129	110	118	123	123	115	114
98835218		BP 200547		84	84	82	80	81	75	80	76	80	0.96	-0.62	17	26.5	-0.5	95	38.4	150	-55	17.5	-15.2	-9.8	21.2	12	35	3.09	0.97	1.08
BP250527														85	82	80	84	82	82	82	80	79	80	81	80	82	80	80	80	80
BP 250528		BA 150135		95	126	95	88	112	117	114	114	117	102	79	112	126	95	116	127	116	108	107	123	113	96	124	117	115	115	120
98835226		BP 210613		83	84	81	79	80	75	78	76	77	0.17	0.78	21	27.4	-2.8	80	40.0	129	-48	15.0	-25.4	-6.6	12.3	15	30	2.37	0.97	1.42
BP250528														84	81	79	84	81	81	82	78	77	80	80	78	81	78	78	77	77
BP 250545		BOS 200463		79	139	84	91	123	124	110	120	128	73	120	108	139	84	122	138	121	117	123	110	132	111	121	131	126	118	112
99185076		BP 230524		85	85	83	81	81	76	80	77	80	2.54	-0.83	16	34.4	-5.8	94	48.6	149	-57	24.1	-15.5	-10.5	21.7	13	43	3.46	1.16	0.97
BP250545														85	83	81	85	83	83	83	81	80	81	82	80	82	81	81	80	80
BP 250553		BOS 200463		100	125	92	99	108	120	121	119	125	102	93	100	125	92	119	124	126	120	124	102	115	102	123	124	124	111	122
99185126		BP 220694		84	83	81	79	80	75	80	76	79	0.19	0.22	7	26.8	-3.7	87	37.9	166	-61	25.1	-9.1	-7.1	16.0	15	36	3.21	0.74	1.54
BP250553														85	82	79	83	81	81	82	79	79	80	81	79	81	79	79	79	79
BP 250557		BOS 200463		96	115	87	101	115	113			101	92	114	98	115	87	104	115	100	96	101	108	119	107	100	105	103	102	92
6020741424		BP 210625		62	58	47	23	33	42			14	1.04	-0.61	5	20.9	-5.2	52	30.3	73	-35	11.4	-13.7	-8.0	19.4	1	18	1.19	0.25	-0.13
BP250557													65	53	23	58	47	43	50	20	10	22	34	23	42	22	22	15	14	13
BP 250559		BOS 200463		79	136	101	86	119	125	114	121	128	69	118	114	136	101	130	132	123	116	109	98	135	109	125	132	125	122	114
99185167		BC 180548		86	85	84	81	82	77	81	78	81	2.92	-0.75	23	33.0	-1.1	112	44.1	154	-56	16.4	-5.5	-11.1	20.7	16	44	3.30	1.38	1.11
BP250559														86	84	81	85	84	83	84	81	81	81	82	81	83	81	81	81	81
BP 250564		PR 210150		91	124	97	96	111	118	120	116	122	93	95	102	124	97	121	123	119	108	115	110	114	103	118	125	122	105	121
99185191		BP 220668		84	84	81	79	80	75	79	76	79	0.91	0.15	9	26.2	-2.3	91	37.0	139	-48	19.7	-15.4	-6.8	16.5	12	37	2.99	0.41	1.49
BP250564														85	81	79	84	81	81	81	79	79	80	80	79	81	79	79	79	79
BP 250569		BP 230609		86	131	79	77	125	111	110	108	119	89	94	128	131	79	102	127	114	111	108	124	128	107	118	119	113	109	116
99808909		BC 200577		82	83	80	78	79	74	78	75	77	1.25	0.17	39	30.2	-7.3	47	40.0	123	-51	15.8	-26.3	-9.8	19.4	12	31	2.14	0.64	1.20
BP250569														83	80	78	83	80	80	80	78	77	78	79	80	78	78	77	77	77
BP 250580		BP 210146		93	125	106	89	106	118	129	118	133	96	92	110	125	106	125	128	132	122	126	107	104	105	141	141	135	108	125
99808982		BP 210530		82	83	80	79	79	74	78	75	78	0.63	0.26	19	26.7	0.3	100	40.7	190	-63	26.0	-13.2	-4.9	18.1	25	52	4.28	0.56	1.71
BP250580														83	80	79	83	80	81	80	78	78	79	79	78	80	79	79	78	78
BP 250588		BC 190531		89	119	86	89	113	104	102	99	109	91	99	112	119	86	101	117	106	104	110	98	118	113	104	105	107	114	110
99809048		BP 200542		84	85	82	79	80	75	80	76	79	1.12	0.00	20	22.9	-5.4	45	32.2	94	-43	17.0	-5.8	-7.8	22.9	4	18	1.57	0.93	0.87
BP250588														85	82	79	85	82	82	82	80	79	80	80	79	81	80	80	79	79
BP 250592		BP 220191		93	107	111	78	114	104	113	103	111	104	68	125	107	111	104	109	115	110	112	111	119	103	113	110	110	105	108
99809071		BP 220609		82	82	80	78	78	73	78	74	77	0.02	1.23	35	16.2	1.7	52	25.9	126	-50	17.7	-16.2	-7.8	16.8	9	23	1.84	0.40	0.73
BP250592														83	79	78	82	80	80	79	77	77	78	78	77	79	78	77	77	77

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Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																															
BP 250599 6020741556 BP250599				BP 210628	90 50	105 33	106 29	109 17	83 23	94 28		90 12	94 0.86 55	92 0.25 33	92 -2 17	105 14.9 33	106 0.2 29	112 71 26	105 22.9 28	92 42 16	93 -32 7	94 7.9 20	92 -1.2 29	93 -2.6 14	80 2.3 27	108 6 15	98 11 15	86 -0.52 12	98 0.01 11	108 0.73 11	
BP 250600 6020299399 BP250600				BP 210146 BP 220621	94 83	121 82	111 80	82 79	108 79	115 74	112 78	112 75	116 78	91 1.06 84	109 -0.41 80	119 29 79	121 24.5 82	111 1.6 80	120 89 80	118 32.7 80	114 122 79	104 -43 78	109 16.0 79	101 -8.1 80	117 -7.4 78	102 16.2 80	119 12 79	120 32 79	116 2.44 78	98 0.02 78	113 1.05 78
BP 250604 6020741812 BP250604				BP 210146 BP 220622	72 57	114 49	114 28	98 9	95 23	99 32			79 2.08 63	86 0.48 36	99 6 9	114 20.0 49	114 2.5 28	125 102 29	111 27.4 33				99 -6.7 29	99 -3.9 9	92 9.9 31						
BP 258008 99185274 BP258008				PR 210150 BP 230520	101 52	119 53	90 39	95 22	108 32	112 37		119 12	95 0.72 55	117 -0.71 40	103 11 22	119 23.1 53	90 -4.2 39	109 63 38	117 32.4 40	120 146 17	113 -54 11	112 17.8 19	108 -14.0 37	112 -6.6 20	100 14.7 39	115 10 19	120 33 19	119 2.71 13	97 -0.09 12	106 0.62 12	
BP 260001 6020753197 BP260001				BOS 200463 BP 220123	101 64	123 58	96 47	80 30	116 35	117 44		120 14	101 0.22 67	98 0.02 53	122 32 30	123 25.3 58	96 -2.5 47	109 63 45	125 38.4 51	119 139 22	113 -53 10	115 19.9 24	110 -15.0 39	120 -8.1 24	109 20.7 41	117 11 24	124 36 23	119 2.67 15	108 0.58 14	109 0.83 13	
BP 260003 6020753213 BP260003				BOS 200463 BP 230140	97 64	118 58	97 47	88 21	123 33	121 42		110 14	94 0.87 67	112 -0.51 53	112 21 21	118 22.8 58	97 -2.1 47	110 66 42	120 34.2 54	107 96 24	98 -37 10	115 19.4 28	107 -12.6 38	133 -10.7 22	113 22.8 40	106 5 28	115 28 27	110 1.88 15	112 0.78 14	108 0.77 13	
BP 260004 6020753221 BP260004				BOS 200463 BP 220105	97 58	106 48	100 39	97 19	110 29	107 36		94 14	96 0.69 61	103 -0.19 48	101 8 19	106 15.4 48	100 -1.5 39	104 51 35	105 23.0 44	94 49 20	95 -34 10	100 11.0 22	101 -8.0 29	114 -6.8 21	108 19.7 36	99 1 22	101 15 21	95 0.39 15	94 -0.23 14	78 -0.97 13	
BP 260005 6020753239 BP260005				BOS 200463 BP 230128	96 61	128 55	104 41	85 23	121 31	129 40		126 14	96 0.70 65	102 -0.13 49	115 24 23	128 28.4 55	104 -0.4 41	123 97 40	131 42.7 50	122 153 20	112 -52 10	121 23.4 22	115 -19.6 36	132 -10.4 21	103 16.7 37	129 18 22	132 43 21	125 3.34 15	114 0.94 14	119 1.39 13	
BP 260012 6020753288 BP260012				BOS 200463 BP 230108	97 65	122 58	97 47	89 23	120 35	123 43		112 14	95 0.74 68	106 -0.30 53	110 19 23	122 24.8 58	97 -2.1 47	114 76 43	122 35.9 54	110 110 20	105 -45 10	111 17.1 22	113 -17.8 40	127 -9.6 24	107 19.4 42	110 7 23	117 29 22	114 2.22 15	104 0.36 14	109 0.79 13	
BP 260016 6020753320 BP260016				BOS 200463 BP 230110	97 65	124 59	100 48	89 23	121 34	126 43		118 14	96 0.68 68	103 -0.17 54	109 18 23	124 25.8 59	100 -1.3 48	119 86 43	124 37.8 54	116 129 20	110 -50 10	113 18.8 22	112 -17.1 35	130 -10.2 23	107 19.4 44	117 11 22	123 35 22	119 2.73 15	109 0.63 14	108 0.77 13	
BP 260018 6020753346 BP260018				PR 210150 BP 230635	109 59	106 51	92 37	99 22	100 29	102 37		102 10	102 0.19 64	120 -0.85 41	99 6 22	106 15.7 51	92 -3.6 37	99 40 37	103 21.2 36	105 90 15	106 -45 6	101 11.7 17	103 -9.5 34	106 -5.3 18	92 10.1 36	103 3 17	104 18 16	99 0.79 11	100 0.11 10	102 0.40 10	
BP 260019 6020753353 BP260019				BC 190531 BP 210135	101 65	106 58	105 47	98 17	115 32	117 41			101 0.23 68	99 -0.03 53	100 7 17	106 15.9 58	105 -0.1 47	109 64 41	106 23.8 52	97 61 28		108 15.8 35	110 -15.5 38	121 -8.2 18	105 18.0 41	98 0 36	99 12 33				

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Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name				64	57	47	17	30	41					0.51	0.32	0	16.8	2.5	95	25.1	48		14.8	-7.9	-4.8	15.4	-1	11	2.26	0.30
BP 260024 6020753361 BP260024		BC 190531	BC 190039	94	108	114	106	102	115				98	90	94	108	114	122	108	93		107	101	103	101	96	98			
				64	57	47	17	30	41				0.51	0.32	0	16.8	2.5	95	25.1	48		14.8	-7.9	-4.8	15.4	-1	11	2.26	0.30	0.74
													67	52	17	57	47	40	50	27		34	34	17	39	34	32	16	15	15
BP 260025 6020753379 BP260025		PR 210150	BP 230001	102	116	98	96	101	110			114	101	101	102	116	98	113	115	115	110	112	100	106	98	119	117	114	103	108
				60	52	40	26	33	39			16	0.26	-0.09	9	21.2	-1.9	73	30.6	125	-50	18.1	-7.2	-5.2	13.5	12	29	2.26	0.30	0.74
													65	44	26	52	40	39	39	22	10	26	37	21	40	22	22	16	15	15
BP 260027 6020753395 BP260027		BC 190531	BP 220175	109	109	104	95	112	119	97	113	102	110	92	102	109	104	111	112	98	89	113	116	114	101	103	105	104	104	114
				64	58	44	23	33	42	22	38	12	-0.51	0.27	10	17.6	-0.3	67	28.5	64	-27	18.2	-19.9	-6.9	15.4	3	18	1.25	0.37	1.11
													67	52	23	58	44	42	52	32	8	40	40	19	41	38	35	13	12	11
BP 260028 6020753403 BP260028		BC 190531	BC 210028	107	101	106	92	101	102				105	104	106	101	106	102	102	92		101	101	103	99	94	95			
				63	55	44	19	29	40				-0.04	-0.20	14	13.0	0.2	46	20.7	44		11.6	-8.5	-4.8	14.1	-2	8			
													67	51	19	55	44	39	47	27		34	34	16	38	34	32			
BP 260030 6020753411 BP260030		PR 210150	BP 230130	98	122	81	96	108	108			117	93	115	103	122	81	105	119	121	115	106	101	117	101	102	112	119	109	112
				60	54	41	21	32	39			10	0.90	-0.65	11	24.7	-6.6	53	33.7	147	-55	14.4	-8.5	-7.6	15.1	2	24	2.69	0.63	0.97
													65	44	21	54	41	39	38	16	7	17	37	20	40	17	16	11	10	10
BP 260031 6020753429 BP260031		BC 190531	BC 200057	116	100	93	99	104	104	91	98	93	118	89	99	100	93	92	100	93	84	105	95	113	102	98	98	92	107	109
				64	56	43	14	30	39	27	37	14	-1.15	0.36	6	11.9	-3.5	23	18.7	46	-21	14.1	-3.9	-6.7	15.8	0	11	0.10	0.50	0.82
													68	52	14	56	43	38	52	31	17	38	37	12	40	39	36	15	14	13
BP 260032 6020753437 BP260032		BC 190531	BC 190034	109	101	109	89	104	105				109	97	109	101	109	102	102	94		105	98	112	100	98	98			
				65	57	48	18	31	41				-0.38	0.05	17	12.6	1.0	48	20.8	50		14.2	-6.0	-6.5	14.6	1	11			
													68	53	18	57	48	41	50	27		34	37	17	39	34	32			
BP 260034 6020753445 BP260034		BC 190531	BC 190054	105	112	99	94	109	113	92	106	99	107	92	104	112	99	108	110	96	93	107	102	116	104	97	100	98	101	107
				65	59	49	19	31	42	28	39	14	-0.23	0.26	12	18.8	-1.6	61	27.1	56	-32	14.9	-9.0	-7.3	17.0	-1	13	0.70	0.17	0.69
													68	54	19	59	49	42	50	34	16	40	35	17	42	40	38	15	14	13
BP 260036 6020753452 BP260036		BC 190531	BC 190035	93	110	115	91	99	106				97	90	106	110	115	118	110	99		111	95	105	98	99	102			
				65	56	47	16	31	41				0.60	0.35	14	18.0	2.9	85	26.5	68		17.4	-3.5	-5.1	13.7	1	16			
													68	53	16	56	47	40	48	27		34	35	18	40	34	32			
BP 260508 6020753510 BP260508		BOS 200463	BP 220314	99	114	94	95	116	115			107	96	110	103	114	94	107	115	107	105	107	110	120	108	103	110	107	108	105
				64	58	47	27	35	43			14	0.68	-0.47	11	20.4	-3.2	58	30.3	99	-44	15.2	-15.3	-8.2	19.8	3	23	1.56	0.56	0.57
													67	52	27	58	47	44	51	22	10	24	40	24	41	24	23	15	14	13
BP 260509 6020753528 BP260509		PR 210150	BP 230602	101	120	87	97	104	109			116	99	104	102	120	87	108	117	117	112	113	99	114	98	113	117	114	105	109
				60	53	40	24	32	39			10	0.38	-0.20	9	23.6	-5.1	61	32.4	133	-52	18.4	-6.9	-6.8	13.8	9	30	2.25	0.41	0.80
													65	44	24	53	40	39	39	16	7	17	36	20	41	17	17	11	10	10
BP 260514 6020753551 BP260514		BP 210146	BC 200538	91	116	98	97	117	117	104	113	110	93	96	101	116	98	114	113	112	114	102	111	127	102	106	111	106	99	108
				61	53	40	15	27	37	20	34	16	0.90	0.10	8	21.5	-1.9	75	29.3	115	-55	12.4	-16.2	-9.4	16.3	5	24	1.47	0.08	0.75
													66	43	15	53	40	36	41	18	19	20	32	14	35	20	19	17	15	15

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				50	34	32	19	23	29	26	40	14	-0.15	-0.21	19	17.0	-1.9	45	26.0	88	-41	18.4	-2.0	-5.8	20.9	3	20	1.11	1.25	0.57	
BP 260515 6020753569 BP260515				BP	210626																										
BP 260520 6020753593 BP260520				BC	190531	BP	130363																								
BP 260522 6020753601 BP260522				BC	190531	BP	220690																								
BP 260523 6020753619 BP260523				BC	190531	BP	210602																								
BP 260525 6020753627 BP260525				PR	210150	BP	230607																								
BP 260529 6020753650 BP260529				BC	190531	BP	210640																								
BP 260532 6020753684 BP260532				BC	190531	BP	220658																								
BP 260536 6020753718 BP260536				BC	190531	BC	200541																								
BP 260537 6020753726 BP260537						BP	200507																								
BP 260539 6020753734 BP260539				BC	190531	BC	160687																								
BP 260542 6020753767 BP260542				BC	190531	BC	190560																								
BP 260547 6020753783 BP260547				BC	190531	BC	200071																								

Breeding Values and Accuracies: Bulls

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Animal			Selection Values										Birth		Wean				Growth			Fertility				Frame		Carcass		
Index EBV Acc	Inbreeding	Sire ID Dam ID	Calv. Ease	Calf Growth	Milk	Maint.	Fertility	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt	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			V	V	V	V	V					dir	mat																	
BP 260551	BP 210146		82	115	108	97	103	108			111	85	97	101	115	108	121	112	118	128	111	97	109	102	109	107	105	124	101	
6020753817	BP 200501		59	52	39	10	22	35			13	1.59	0.07	8	21.0	0.8	92	28.3	136	-69	17.5	-5.3	-6.0	15.8	6	20	1.32	1.53	0.38	
BP260551												64	42	10	52	39	34	39	13	16	16	25	7	35	17	16	14	12	12	
BP 260553	BP 210146		83	112	102	104	103	106				89	87	95	112	102	116	110				106	112	93						
6020753825	BP 210325		58	51	36	16	22	35				1.29	0.47	1	19.1	-0.8	79	26.7				-12.0	-6.4	10.3						
BP260553												63	40	16	51	36	34	35				23	12	32						
BP 260554	BP 210146		74	119	117	89	113	115				81	88	109	119	117	128	119	119			114	116	102						
6020753833	BP 220674		59	52	36	16	25	36				1.94	0.44	17	23.3	3.4	108	33.7	143		-18.1	-7.2	16.1							
BP260554												64	40	16	52	36	35	40	7		31	9	34							
BP 260555	PR 210150		108	115	94	94	104	110			110	101	119	105	115	94	107	116	111	102	104	94	111	105	97	108	113	104	109	
6020753841	BP 230636		59	53	41	20	31	38			10	0.28	-0.83	12	20.6	-3.1	58	31.5	111	-41	13.3	-3.0	-6.2	17.9	0	21	2.14	0.35	0.79	
BP260555												64	43	20	53	41	38	40	21	7	24	35	19	38	24	23	11	10	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																															
X 111047 78773280 X111047			110 68	95 68	69 83		87 36				74 14	108 -0.30 67	103 -0.18 72		95 9.5 68	69 -10.2 83	72 -25 51		91 12.4 40	75 -18 14	66 -3 16	74 -4.0 17	93 -2.2 42	90 -2.1 6	89 8.2 60	85 -7 18	80 -6 17	82 -0.89 15	72 -1.51 13	72 -1.27 12	
BP 130037 79172383 BP 130037		BP 070030	118 75	103 73	56 82	104 30	129 39	108 56				111 -0.59 75	114 -0.59 77	96 3 30	103 13.6 73	56 -13.7 82	66 -39 62	99 18.5 45					148 -45.3 39	127 -9.4 20	98 13.8 59						
BP 130363 79543435 BP130363		X 088019	92 75	115 70	94 77	89 21	96 49	95 55	112 33	93 51	116 27	90 1.17 75	128 -1.17 75	111 19 21	115 21.0 70	94 -3.1 77	105 54 56	114 29.8 52	116 132 27	117 -58 33	111 17.6 34	83 6.1 61	97 -3.5 29	109 20.6 58	118 12 35	116 28 32	108 1.63 29	130 1.88 25	103 0.45 25		
BC 140042 81031783 BC140042		BP 070026	91 71	118 69	143 77	78 13	97 34	118 50				87 1.43 71	116 -0.69 70	122 33 13	118 22.3 69	143 10.6 77	139 133 53	118 32.9 55	127 171 14		126 25.7 17	86 3.3 39	109 -5.9 6	97 12.9 56	130 19 18	127 39 17					
BC 140544 81076085 BC140544		BP 100299	105 72	95 69	65 76		111 43				73 28	102 0.15 72	107 -0.32 71		95 9.2 69	65 -11.3 76	67 -36 49	93 13.7 52	75 -19 14	64 0 17	69 -6.3 35	141 -39.2 45	103 -4.8 27	89 8.0 57	86 -7 36	73 -12 34	89 -0.26 30	71 -1.57 26	80 -0.82 25		
BC 150026 83418129 BC150026		BP 050118	119 71	99 70	90 78	80 30	102 28	90 52			103 6	119 -1.23 71	143 -1.77 70	123 33 30	99 11.5 70	90 -4.3 78	81 -3 59	94 14.1 58	110 109 6	115 -56 8	93 7.1 18	100 -7.2 21	108 -5.6 7	98 13.3 56	103 3 8	105 18 8	107 1.58 7	79 -1.10 6	84 -0.60 6		
BC 150053 85212124 BC150053			127 60	95 59	54 75	113 30						121 -1.42 59	107 -0.34 64	91 -3 30	95 9.1 59	54 -14.4 75	56 -61 55	88 9.4 40				103 -9.5 31		104 17.0 50							
BC 150553 85212132 BC150553			117 63	110 61	61 77		96 32					112 -0.63 62	110 -0.43 66		110 18.0 61	61 -12.2 77	78 -9 46	107 24.4 46				94 -3.1 36	92 -2.5 9	104 17.3 52							
BC 150560 82392341 BC150560		BP 088297	98 72	115 71	121 80	88 31	109 43	121 56				96 0.63 72	103 -0.18 72	110 19 31	115 20.8 71	121 4.4 80	126 102 61	112 28.6 59	116 130 28			110 -15.0 50	117 -7.4 24	98 13.3 56							
BC 150589 82392572 BC150589		BP 100226	108 70	96 68	121 75	96 14	115 47	120 52	101 40	114 50	106 28	106 -0.17 70	103 -0.19 68	101 8 14	96 9.9 68	121 4.6 75	112 69 52	95 15.3 62	113 119 39	118 -59 33	104 13.2 37	118 -21.2 56	123 -8.7 29	96 12.4 55	107 5 38	110 22 35	104 1.25 32	93 -0.30 25	107 0.68 27		
BC 160624 85097285 BC160624		BP 100230	120 68	90 65	108 72	91 48	99 42	99 55				113 -0.75 68	113 -0.59 66	107 15 48	90 6.5 65	108 0.9 72	92 23 62	90 11.0 46				115 -19.0 51	104 -4.8 23	85 5.2 52							
BC 160687 85100089 BC160687		BP 130412	87 69	105 66	99 70	88 23	97 44	86 51	94 20	82 45	96 14	94 0.82 70	81 0.69 67	111 20 23	105 14.9 66	99 -1.6 70	98 37 53	105 22.9 47	98 66 19	99 -38 17	95 8.0 17	77 10.9 53	116 -7.2 26	99 14.0 52	96 -1 18	95 9 17	99 0.75 15	96 -0.15 13	99 0.25 12		

Breeding Values and Accuracies: Cows

Green: >120 High
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Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																
Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
BC 170063 86722519 BC170063		BP 130037	119 69	91 58	76 52	121 15	104 33	100 43				120 -1.34 70	89 0.40 66	82 -13 15	91 6.7 58	76 -8.3 52	73 -20 42		88 9.7 30				121 -24.1 28	110 -6.1 23	82 3.7 48					
BC 170525 87112694 BC170525		BC 150527	137 67	94 56	87 69	109 6	90 28	101 43				132 -2.28 68	107 -0.31 63	93 -1 6	94 8.6 56	87 -5.0 69	84 4 44		94 14.4 40				91 -0.6 24	94 -2.9 9	93 10.7 51					
BC 170552 86959871 BC170552		BP 130330	112 65	104 65	109 70		93 42					112 -0.66 66	96 0.11 60		104 14.3 65	109 1.2 70			104 22.5 52	106 94 14			103 -9.5 49	93 -2.7 28	91 9.3 48					
BC 177407 88247481 BC 177407			106 58	90 52	100 68		97 29					112 -0.67 57	79 0.77 62		90 6.5 52	100 -1.4 68			89 10.1 31				97 -5.0 30	90 -2.1 11	106 18.7 46					
BC 178021 88247598 BC 178021			112 58	93 46	81 62	109 8	103 26					115 -0.88 57	87 0.47 62	93 -1 8	93 7.9 46	81 -6.8 62	77 -13 39		91 12.1 34				120 -22.9 24	93 -2.6 11	99 14.1 44					
BC 178022 88247606 BC 178022			129 53	79 42	102 57							120 -1.36 52	116 -0.70 57		79 0.2 42	102 -0.9 57	79 -7 34		79 2.6 22						104 17.3 40					
BC 178023 88247614 BC 178023			117 54	85 48	92 63		98 19		84 34		80 27	118 -1.18 53	90 0.35 57		85 3.5 48	92 -3.6 63	79 -8 38		86 8.2 30	87 26 28	84 -21 33	84 1.8 34	100 -7.5 11		103 16.9 42	92 -3 36	90 4 33	85 -0.58 29	85 -0.78 25	64 -1.75 24
BC 180001 87245304 BC180001		BC 150031	92 67	105 66	95 71	91 44	80 32	75 52				94 0.85 68	95 0.13 63	108 16 44	105 14.7 66	95 -2.8 71	96 32 60		105 23.0 38				87 2.9 22	74 1.1 26	96 12.0 48					
BC 180038 88226436 BC180038		BP 130037	101 67	103 66	70 70	92 37	132 39	103 52				98 0.50 68	107 -0.33 63	109 17 37	103 14.1 66	70 -9.9 70	74 -19 58		101 20.1 44				148 -45.3 50	140 -12.2 20	91 9.3 48					
BC 180077 88226634 BC180077		BC 150008	120 63	96 63	91 68	118 26	107 39	115 49			81 14	118 -1.16 64	98 0.03 58	85 -11 26	96 9.9 63	91 -3.9 68	93 26 52		97 16.5 53	81 2 14	78 -15 17	90 5.5 17	112 -17.2 47	110 -6.1 26	96 12.4 45	84 -8 17	82 -3 16	86 -0.50 15	85 -0.74 13	89 -0.35 12
BC 180203 93392439 18 0203			116 51	101 49	93 65		100 22					111 -0.61 50	109 -0.40 54		101 12.9 49	93 -3.3 65	94 27 38		101 20.0 40				108 -13.9 22	96 -3.2 10	99 14.2 33					
BC 180222 93393833 18 0222			130 49	81 44	74 59							126 -1.82 48	101 -0.10 52		81 1.0 44	74 -8.6 59			80 3.3 34						101 15.7 34					

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Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																															
BC 180246 93392488 18 0246				102 50	103 44	84 60		98 20					103 0.12 49	96 0.11 53		103 14.1 44	84 -5.9 60	89 16 35		103 21.6 30			103 -10.1 22	93 10.2 34							
BC 180547 88226824 BC180547		BP	130353	114 67	89 63	111 67	90 27	97 37	94 49				107 -0.28 68	114 -0.60 64	109 17 27	89 5.6 63	111 1.7 67	92 23 52		86 8.3 53			93 -1.9 46	111 -6.3 17	91 9.0 47						
BC 180548 88226832 BC180548		BP	130363	77 68	121 65	113 69	86 27	101 42	105 51		118 14		71 2.76 69	113 -0.55 63	113 22 27	121 24.4 65	113 2.4 69	125 101 54		119 33.6 54	118 136 14	116 -57 16	111 17.6 17	94 -2.6 51	112 -6.5 28	98 13.3 48	124 15 17	122 34 16	112 2.01 15	116 1.06 13	112 0.99 12
BC 190006 88565619 BC190006		BC	170023	113 62	106 63	77 67	97 22	108 39	100 48				108 -0.34 64	110 -0.45 56	102 9 22	106 15.4 63	77 -7.9 67	85 6 51		106 23.3 44			121 -23.6 50	118 -7.7 25	84 4.6 42						
BC 190033 90196437 BC190033		BC	160051	118 59	94 59	62 61	122 58	66 34	66 50				116 -1.03 61	98 0.04 51	82 -13 58	94 8.5 59	62 -12.1 61	65 -41 59		90 11.3 24			62 22.0 41	70 2.0 20	88 7.4 41						
BC 190034 90196445 BC190034		BC	170009	108 66	97 63	114 67	90 23	93 41	97 49				103 0.06 67	112 -0.54 61	108 16 23	97 10.4 63	114 2.4 67	103 49 51		97 16.9 46			93 -2.0 52	104 -4.8 25	89 8.1 45						
BC 190035 90196452 BC190035		BC	170010	89 67	110 61	124 63	94 24	83 41	99 48				92 0.96 68	92 0.26 62	103 10 24	110 18.0 61	124 5.2 63	127 106 49		107 24.8 42	105 91 5		108 15.6 5	87 3.0 47	90 -2.1 27	86 6.4 48	109 6 5	107 20 5			
BC 190039 90196486 BC190039		BC	150014	97 64	104 62	120 64	123 21	88 39	116 47				100 0.37 65	91 0.29 59	77 -19 21	104 14.6 62	120 4.3 64	134 123 49		102 20.5 46			98 -5.8 45	86 -1.4 26	92 9.7 45						
BC 190054 90196577 BC190054		BC 160105 BP 130074		121 69	110 69	90 70	100 28	104 42	114 52	91 38	106 49	99 28	121 -1.38 71	93 0.22 64	98 5 28	110 17.8 69	90 -4.2 70	101 45 56		106 23.7 50	98 67 40	102 -41 32	99 10.5 42	101 -8.0 47	112 -6.5 27	97 13.0 53	104 4 42	102 15 41	99 0.80 30	93 -0.28 27	107 0.68 26
BC 190058 90196601 BC190058		BP	130072	85 53	109 57	111 41	86 16	85 20	86 36				84 1.70 57	110 -0.45 38	113 22 16	109 17.1 57	111 1.6 41	110 66 38		104 22.5 22			82 6.2 20	104 -4.9 7	81 2.7 32						
BC 190068 90196684 BC190068		BP	130014	121 62	81 61	94 59	111 8	97 37	93 43				122 -1.48 64	89 0.36 56	91 -3 8	81 0.9 61	94 -3.0 59	76 -15 43		79 3.1 34			91 -0.8 46	112 -6.6 19	89 8.2 45						
BC 190077 90196734 BC190077		X	110171	106 54	79 58	109 42	121 6	77 23	83 35	69 21	73 32	68 14	107 -0.26 58	93 0.22 40	81 -15 6	79 0.1 58	109 1.0 42	91 21 35		77 1.5 26	74 -23 22	72 -8 16	80 -0.1 22	85 4.0 25	86 -1.2 9	78 1.3 34	87 -6 23	78 -8 22	60 -3.06 15	111 0.76 13	91 -0.19 12

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Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
BC 190210 93227205 19 0210			112 37	80 27	90 38							114 -0.80 36	89 0.38 40		80 0.4 27	90 -4.1 38							90 8.8 32						
BC 190515 88565551 BC190515		BC 150649	107 59	94 60	83 62	108 22	82 32	78 44				108 -0.29 61	95 0.13 53	93 0 22	94 8.7 60	83 -6.1 62	80 -4 48	91 12.1 43				73 13.7 44	93 -2.6 11	92 9.6 41					
BC 190536 90196866 BC190536		BP 130363	116 67	89 65	78 69	113 27	84 41	80 50			82 14	113 -0.77 68	102 -0.14 63	90 -4 27	89 5.9 65	78 -7.5 69	72 -25 54	89 10.4 46	88 29 14	90 -28 16	80 -0.2 17	78 9.8 50	94 -2.8 27	92 9.8 47	88 -5 17	84 -2 16	80 -1.09 15	105 0.38 13	96 0.05 12
BC 190539 90196890 BC190539		BC 160624	113 66	99 64	120 68	88 39	97 41	106 52				107 -0.24 67	114 -0.61 61	110 18 39	99 11.5 64	120 4.2 68	109 63 57	99 18.3 45				103 -9.8 51	110 -6.1 27	83 4.4 45					
BC 190557 90197013 BC190557		BP 100251	115 64	94 64	97 68	97 36	97 36	94 50				114 -0.81 65	97 0.07 60	101 8 36	94 8.5 64	97 -2.2 68	89 16 56	92 13.0 43				109 -14.2 49	93 -2.6 15	95 11.6 44					
BC 190560 93227288 19 0560			91 45	110 43	100 59	90 11	99 21					91 1.07 44	103 -0.16 47	109 17 11	110 18.1 43	100 -1.4 59	105 54 38	108 25.6 28				100 -7.6 22		101 15.3 36					
BC 190565 90292293 BC190565		X 111038	103 61	103 62	88 64	115 32	94 24	99 46				106 -0.16 63	89 0.39 55	87 -7 32	103 13.6 62	88 -4.8 64	96 33 53	99 18.6 26				94 -2.4 22		92 9.6 47					
BC 190575 90197070 BC190575		BP 100247	99 62	107 55	109 49	105 24	103 27	113 41	102 20	109 37	98 15	101 0.26 63	93 0.20 57	94 0 24	107 16.0 55	109 1.0 49	116 79 43	107 24.7 35	109 105 19	108 -48 17	101 11.9 23	112 -16.9 31	109 -5.9 6	89 8.0 45	115 10 19	108 21 18	100 0.84 16	78 -1.19 14	96 0.07 13
CM 190288 90547985 CM19288		CM 120032	120 54	78 57	106 42	126 12	79 32	93 37			61 11	116 -0.97 58	107 -0.34 41	73 -23 12	78 -0.4 57	106 0.2 42	91 20 37	78 1.7 45	67 -48 10		75 -3.3 14	93 -1.9 33	82 -0.5 24	80 2.1 40	69 -16 11	65 -20 11	61 -2.95 11	92 -0.33 11	
BC 200038 90549312 BC200038		BC 180038	102 34	93 33	88 35	102 18	104 20	91 26				101 0.24 34	101 -0.10 32	97 4 18	93 8.3 33	88 -4.7 35	82 1 29	91 12.3 22				125 -27.1 25	114 -7.0 10	76 0.1 24					
BC 200040 91616334 BC200040		BC 170084 BP 130037	111 66	114 67	56 67	96 15	125 39	106 48			93 12	106 -0.20 68	110 -0.44 60	105 12 15	114 20.1 67	56 -13.8 67	75 -17 50	110 27.1 40	97 61 15	90 -29 14	105 14.0 18	138 -37.4 49	120 -8.0 18	105 17.7 50	99 1 18	96 10 17	98 0.64 13	79 -1.13 11	91 -0.21 11
BC 200057 91616615 BC200057		BC 170044 BC 150063	129 65	92 61	80 53	115 15	94 36	98 43	89 34	91 41	87 28	127 -1.93 67	94 0.18 56	89 -6 15	92 7.5 61	80 -7.0 53	77 -12 43	90 11.3 56	93 47 29	82 -19 34	96 9.0 35	88 2.1 52	106 -5.2 10	93 10.5 47	106 5 36	98 11 34	87 -0.39 30	105 0.39 26	112 0.95 25

Breeding Values and Accuracies: Cows

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

Inbreeding in red is high				Value <80				Value >120				Breeding values with an accuracy < 5% are not printed																		
Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
BC 200071	GH 150202	91616367	BC 160060	116	95	95	107	108	109	85	101	92	111	110	94	95	95	92	93	90	88	93	122	104	96	102	94	93	119	108
BC200071				70	69	66	26	48	52	32	48	21	-0.55	-0.47	0	9.5	-2.9	22	13.3	36	-27	7.0	-24.8	-4.9	12.2	2	7	0.12	1.19	0.74
													72	62	26	69	66	54	56	37	23	38	57	31	56	37	35	22	20	19
BC 200502	BC 170568	90353244	BC 160609	110	107	77	100	99	95	101	92	103	107	104	99	107	77	87	103	107	113	106	108	90	103	116	104	98	128	100
BC200502				62	61	63	6	38	44	35	42	27	-0.25	-0.21	6	16.4	-8.0	12	21.7	98	-53	14.3	-14.0	-2.0	16.7	11	18	0.65	1.76	0.30
													64	55	6	61	63	43	52	31	33	34	45	23	46	35	32	29	25	25
BC 200524	BC 170522	90353517	BC 150623	92	115	90	99	118	114	103	109	99	88	115	99	115	90	106	115	115	116	98	136	104	107	122	115	98	50	82
BC200524				65	65	65	15	40	47	38	45	32	1.33	-0.66	6	20.9	-4.3	57	30.8	126	-57	10.0	-35.4	-4.9	18.9	14	27	0.64	-2.80	-0.74
													67	57	15	65	65	48	44	33	38	39	50	22	47	40	38	34	30	29
BC 200538	BC 170528	91616508	BC 150589	112	106	90	95	123	118	96	111	101	108	108	104	106	90	95	104	102	106	97	119	132	104	102	108	95	86	100
BC200538				67	66	66	19	42	49	39	47	32	-0.36	-0.36	11	15.6	-4.2	30	21.8	80	-45	9.6	-22.7	-10.5	17.4	3	21	0.35	-0.72	0.31
													69	60	19	66	66	50	59	35	37	39	51	26	48	40	38	34	29	29
BC 200541	BC 170044	91616516	BP 130412	106	96	105	107	114	115	91	108	88	111	82	93	96	105	101	96	90	76	94	113	122	100	101	96	92	107	107
BC200541				66	66	63	21	43	49	38	47	30	-0.60	0.66	-1	9.7	0.0	44	15.8	35	-12	7.6	-17.9	-8.4	14.5	2	10	0.08	0.53	0.69
													68	59	21	66	63	50	58	34	37	38	55	26	49	39	37	33	28	27
BC 200561	BC 170592	91622936	BP 130332	94	104	106	91	91	90	94	85	98	95	98	107	104	106	104	102	99	100	97	89	91	101	92	97	99	103	111
BC200561				65	66	63	43	40	52	36	49	28	0.76	0.03	15	14.2	0.2	51	20.9	68	-39	9.2	1.2	-2.2	15.3	-3	11	0.72	0.27	0.90
													67	56	43	66	63	57	56	32	33	39	54	18	48	40	37	30	26	25
BC 200568	GH 150202	91616706	BC 150512	110	97	82	108	114	105	88	98	90	109	98	94	97	82	83	95	92	95	100	124	117	96	97	93	92	103	96
BC200568				68	68	65	12	43	48	31	45	20	-0.42	0.03	0	10.5	-6.4	2	15.1	45	-33	11.3	-26.3	-7.4	12.1	0	7	0.04	0.28	0.08
													70	59	12	68	65	48	60	34	23	33	54	22	53	34	32	21	18	17
BC 200577	GH 150202	91616748	BC 178021	112	108	74	95	117	106	100	101	100	117	80	104	108	74	84	106	102	99	99	140	103	102	106	102	100	100	96
BC200577				67	66	66	24	42	50	26	45	14	-1.07	0.75	12	16.9	-8.6	5	24.0	78	-38	10.4	-38.8	-4.7	15.8	5	15	0.85	0.13	0.06
													69	59	24	66	66	52	57	31	16	29	52	24	51	29	28	14	13	12
BP 200037		93738904		104	87	113		103					107	89		87	113	92	88				101		109					
BP200037				44	35	52		18					-0.23	0.36		4.8	2.2	24	9.8				-8.0		20.6					
													43	48		35	52	30	28				22		30					
BP 200038	X 110015	93738946		103	78	90	108	85	69				107	86	93	78	90	68	76				94	90	83					
BP200038				51	44	56	22	22	36				-0.26	0.51	-1	-0.6	-4.3	-33	0.3				-3.1	-2.0	4.5					
													51	53	22	44	56	41	10				14	10	43					
BP 200068	BA 150135	93738938		97	112	130	90	115	129	106	124	110	104	81	107	112	130	131	116	110	108	114	119	105	112	136	120	114	96	95
BP200068				56	55	61	35	39	46	24	42	24	0.04	0.71	15	18.8	7.0	116	31.4	107	-47	19.0	-22.6	-5.0	22.4	23	33	2.20	-0.11	0.02
													56	54	35	55	61	50	48	32	14	40	42	25	50	30	29	24	23	22
BP 200320		93738995		107	100	103	110						101	115	92	100	103	104	100				111		103					
BP200320				44	42	60	31						0.24	-0.65	-2	12.0	-0.6	53	19.4				-15.8		16.6					
													43	48	31	42	60	44	23				23		30					

Breeding Values and Accuracies: Cows

Green: >120 High
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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																														
BP 200501		BC 170508	94	105	109	95	96	99	104	95	102	91	110	103	105	109	109		101	114	133	115	91	98	103	108	100	92	136	87
90130170		BC 150542	65	62	64	27	31	47	31	44	26	1.07	-0.45	10	14.8	1.1	64		20.0	122	-75	19.9	-0.8	-3.7	16.4	6	14	0.05	2.18	-0.45
BP200501												67	59	27	62	64	51		53	26	31	32	34	10	48	33	31	27	24	23
BP 200507		BC 170070	102	106	112	90	102	106	89	99	95	103	96	108	106	112	110		103	93	84	104	99	100	106	103	101	104	94	106
90353376		BC 160634	67	64	59	18	32	45	34	43	28	0.12	0.11	17	15.5	1.9	67		21.6	47	-22	13.3	-6.4	-4.0	18.8	3	15	1.29	-0.22	0.66
BP200507												69	60	18	64	59	47		52	30	34	39	30	16	51	37	35	30	27	26
BP 200542		BC 170037	101	111	60	99	98	83	94	79	98	101	102	101	111	60	76		107	100	104	95	90	102	105	105	98	95	109	102
91616524		BP 140346	64	63	62	17	34	45	22	40	15	0.29	-0.12	8	18.5	-12.8	-14		24.5	73	-43	8.3	0.7	-4.4	17.8	5	12	0.36	0.62	0.39
BP200542												66	56	17	63	62	47		54	23	18	22	34	19	48	23	22	16	14	13
BP 200547			105	98	107							107	92		98	107	102		97						101					
93739092			43	25	40							-0.22	0.27		10.8	0.4	46		16.4						15.5					
BP200547												42	46		25	40	22		12						29					
BP 200573			101	93	113							104	87		93	113									102					
93739076			36	35	51							-0.03	0.44		7.9	2.2									16.3					
BP200573												35	40		35	51									24					
BP 200582		BC 180020	116	102	91	84	98	91			90	111	110	118	102	91	86		100	92		96	98	91	106	98	94	90		85
91616771		X 088078	64	65	67	26	21	46			8	-0.56	-0.47	27	13.0	-4.1	8		19.0	44		8.7	-6.0	-2.3	18.5	0	8	-0.11		-0.53
BP200582												66	57	26	65	67	53		52	14		23	8	7	49	17	16	14		12
OBS 200098		OBS 180168	115	98	62	123	100	95	82	87	78	111	107	81	98	62	71		94	80	80	76	100	86	115	77	75	77	94	90
92147164	3	OBS 180116	69	70	67	27	47	53	26	48	8	-0.59	-0.33	-15	11.2	-12.1	-27		14.1	0	-17	-2.6	-7.2	-1.2	23.9	-12	-10	-1.42	-0.24	-0.29
OBS2098												71	62	27	70	67	55		54	44	5	46	60	29	53	42	41	9	8	8
BC 210002		BC 160640	125	89	105	99	90	96	87	89	89	123	95	99	89	105	91		88	97	107	94	103	94	84	99	94	88	100	95
92212471		BC 180024	60	49	50	24	35	41	36	40	28	-1.60	0.13	6	5.6	0.1	21		10.0	62	-46	7.7	-9.8	-2.9	5.1	1	8	-0.29	0.13	0.01
BC210002												63	48	24	49	50	41		41	34	34	37	35	23	48	38	36	30	27	26
BC 210028		92200047	118	92	105	95	87	90				109	119	103	92	105	93		92				99	87	88					
BC210028		X 110033	59	55	53	21	36	42				-0.45	-0.81	10	7.7	-0.1	25		12.7			-6.9	-1.4	7.1						
												61	51	21	55	53	43		36				43	23	42					
BC 210502		92200096	98	100	98	118	89	98				103	84	84	100	98	104		99				91		87					
BC210502		BC 180520	58	36	51	33	21	37				0.06	0.60	-11	12.2	-2.1	52		18.2			-0.3		6.5						
												60	52	33	36	51	40		28				22		38					
BC 210516		92200211	116	88	78	126	97	96				111	110	76	88	78	75		85				126	91	83					
BC210516		BC 180513	61	60	63	52	32	50				-0.59	-0.45	-20	5.2	-7.6	-17		7.6			-27.8	-2.3	3.9						
												63	53	52	60	63	58		40				45	11	40					
BC 210536		92200344	98	95	124	87	84	88				92	118	111	95	124	108		93				84	90	90					
BC210536		BC 180585	56	55	56	22	31	41				0.99	-0.78	20	9.2	5.4	60		13.8			5.0	-2.0	8.8						
												58	47	22	55	56	44		44				41	15	37					

Breeding Values and Accuracies: Cows

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Inbreeding in red is high

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																															
BP 210106 95538302 21 0106				96 27									103 0.12 26	79 0.78 30										91 9.1 28							
BP 210108 93379147 BP210108		BC 180079		102 61	105 60	100 57	90 32	104 37	101 46				101 0.28 63	103 -0.19 53	108 17 32	105 15.2 60	100 -1.4 57	100 43 50	104 22.2 38				123 -25.3 49	105 -5.1 24	87 6.6 38						
BP 210114 93714681 BP210114		BP 130035		97 62	103 61	93 59	102 21	111 37	104 45		90 14		98 0.50 64	97 0.06 54	97 4 21	103 14.0 61	93 -3.5 59	97 35 47	106 23.4 42	96 57 14	99 -38 17	87 3.7 17	120 -23.0 46	121 -8.2 22	89 8.1 42	104 4 18	94 8 17	85 -0.65 15	92 -0.35 13	113 1.02 12	
BP 210116 93386746 BP210116		X 110171		85 57	91 58	110 43	114 6	74 33	78 38	76 21	70 35	78 14	86 1.49 60	102 -0.12 47	88 -7 6	91 7.0 58	110 1.5 43	103 49 36	87 9.4 39	83 9 22	83 -21 16	88 4.1 22	75 11.9 49	86 -1.3 9	79 1.5 40	97 -1 23	88 2 22	69 -2.20 15	113 0.87 13	95 0.02 12	
BP 210120 93379022 BP210120		BC 150063		129 54	75 58	81 49	128 36	76 31	78 43			63 6	134 -2.51 58	93 0.22 41	73 -23 36	75 -2.4 58	81 -6.9 49	62 -47 48	73 -1.9 40	70 -38 7	70 -7 8	77 -2.0 8	78 9.9 50	88 -1.6 9	81 2.9 33	81 -10 9	72 -14 8	58 -3.29 7	85 -0.79 6	92 -0.18 6	
BP 210121 95244521 BP210121		BA 150135 BP 100247		101 64	115 60	105 66	99 45	124 48	131 52	112 31	127 48	110 28	103 0.07 64	91 0.28 64	98 5 45	115 20.7 60	105 0.1 66	119 88 57	120 34.7 51	119 140 37	113 -53 22	116 20.4 46	136 -35.3 55	123 -8.6 33	101 15.5 56	131 19 36	121 33 34	112 2.07 29	85 -0.79 26	113 1.01 26	
BP 210125 95538310 21 0125				97 26	88 25	127 39							101 0.26 26	87 0.44 28		88 5.4 25	127 6.2 39							99 13.9 22							
BP 210126 93379279 BP210126		SPB 170134 BC 170030		93 63	105 64	104 61	101 39	119 41	116 50	97 21	110 44	97 6	100 0.37 65	82 0.68 54	97 4 39	105 14.9 64	104 -0.3 61	108 62 55	104 22.0 48	102 80 34	104 -43 5	104 13.4 37	129 -29.8 52	116 -7.2 24	104 17.2 47	104 4 38	100 13 37	99 0.77 6	94 -0.23 5	94 -0.05 5	
BP 210128 95538328 21 0128		BA 150135		91 55	105 55	131 60	88 35	114 39	119 45	103 24	114 41	105 23	102 0.18 55	68 1.22 54	109 17 35	105 15.1 55	131 7.2 60	125 100 50	110 26.6 46	106 95 32	106 -45 14	114 19.3 40	119 -22.2 42	102 -4.6 25	113 22.7 50	136 22 30	117 29 29	108 1.67 24	87 -0.65 22	78 -0.95 22	
BP 210133 93714707 BP210133		BP 130344		96 60	94 62	111 60	128 28	97 37	112 46				92 0.98 62	112 -0.52 52	70 -27 28	94 8.4 62	111 1.8 60	117 83 50	95 15.3 43	95 56 14		89 4.8 17	110 -15.4 51	95 -3.0 22	92 9.8 38	99 1 17	90 4 16				
BP 210135 93714723 BP210135		CM 160217 BP 130018		102 68	104 68	103 65	113 25	116 45	124 51				98 0.53 70	112 -0.54 61	89 -5 25	104 14.7 68	103 -0.5 65	111 68 53	102 20.5 55	102 78 16		102 12.2 20	117 -20.9 54	121 -8.3 29	100 15.0 51	107 5 19	101 14 18				
BP 210136 93714715 BP210136		BA 150135 BP 130387		102 70	112 71	106 68	114 44	107 51	126 57	103 30	121 52	101 27	108 -0.33 72	81 0.69 65	88 -7 44	112 19.1 71	106 0.2 68	123 97 61	117 32.3 58	104 88 37	96 -34 21	112 17.7 43	120 -23.1 61	104 -4.9 36	95 11.9 56	124 15 35	110 23 33	104 1.29 28	114 0.91 26	124 1.63 25	

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Animal				Selection Values							Birth		Wean				Growth			Fertility				Frame		Carcass					
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																															
BP 210140 93714731 BP210140		BP	130374	104 59	100 61	90 58	108 64	104 36	102 51				99 0.39 61	125 -1.06 50	93 -1 64	100 12.2 61	90 -4.3 58	93 25 61		97 16.6 40	89 33 19		98 10.1 17	116 -19.6 50	103 -4.6 20	95 11.5 38	97 0 17	91 5 16			
BP 210151 93714756 BP210151		BP	130107	102 53	95 54	115 40	96 10	92 25	95 35				95 0.73 57	118 -0.78 38	101 8 10	95 9.3 54	115 2.7 40	105 53 35		92 13.1 34	95 52 7		99 10.7 8	102 -9.4 25	96 -3.3 14	87 6.7 35	104 4 9	99 13 8			
BP 210306 93726453 BP210306		SPB BC	170134 180203	122 63	110 62	82 56	98 26	104 40	108 46	111 21	106 41	106 6	117 -1.08 65	106 -0.30 55	101 8 26	110 18.0 62	82 -6.5 56	94 27 48		111 27.2 46	115 127 34	115 -56 5	108 15.7 37	119 -22.4 50	95 -3.1 24	99 14.0 47	110 7 38	106 19 37	107 1.52 6	92 -0.35 5	103 0.48 5
BP 210307 93726479 BP210307		BC	180257	95 52	105 56	96 53	86 64	98 30	87 47				99 0.38 55	86 0.49 43	115 24 64	105 14.8 56	96 -2.6 53	94 27 58		105 23.2 34				109 -14.4 44	100 -4.0 12	90 8.8 34					
BP 210314 95538344 21 0314		BA	150135	84 56	107 52	129 54	92 35	112 39	117 44	94 24	110 40	96 23	95 0.79 56	73 1.02 54	105 13 35	107 15.9 52	129 6.8 54	127 105 47		111 27.7 48	96 56 32	92 -31 14	108 15.7 40	120 -23.3 42	103 -4.6 25	107 19.2 49	122 14 30	107 20 29	99 0.76 24	97 -0.05 22	87 -0.46 22
BP 210320 93386803 BP210320		CM	120134	110 60	101 58	94 52	82 25	92 30	84 42				105 -0.10 62	110 -0.46 52	120 30 25	101 12.7 58	94 -3.2 52	87 11 45		100 19.2 39			90 5.6 5	97 -5.2 30	105 -5.1 20	83 4.1 39					
BP 210325 93386811 BP210325		CM	150290	84 61	103 59	100 57	110 25	96 30	95 44				87 1.40 63	94 0.19 54	92 -2 25	103 13.6 59	100 -1.4 57	105 54 47		101 19.8 41			84 2.1 5	109 -14.2 29	102 -4.5 21	85 5.4 41					
BP 210326 95538351 21 0326		CM	160217	88 52	113 48	106 50	87 25	107 32					84 1.67 52	115 -0.63 50	112 21 25	113 19.9 48	106 0.3 50	112 70 41		115 30.8 40	113 119 8		106 14.4 10	109 -14.5 36	106 -5.3 18	104 17.1 43	123 14 9	114 26 8			
BP 210327 93713022 BP210327		BC BC	180045 170217	118 58	94 46	83 55	135 30	102 33	114 41	81 24	104 38	79 12	115 -0.87 61	103 -0.17 48	62 -36 30	94 8.5 46	83 -6.1 55	94 27 44		91 12.1 22	81 2 29	80 -17 15	87 3.7 16	114 -18.1 42	96 -3.2 14	99 13.9 42	95 -1 16	86 0 15	83 -0.79 13	86 -0.70 11	83 -0.65 11
BP 210602 93386571 BP210602		BC BC	171088 180553	93 67	119 67	85 62	92 41	120 44	112 52				93 0.88 69	101 -0.09 59	108 16 41	119 23.0 67	85 -5.6 62	103 48 57		119 33.8 53	110 109 19		109 16.1 22	124 -26.3 56	127 -9.4 28	98 13.5 48	116 11 22	110 23 21			
BP 210610 93379089 BP210610		CM BC	160217 170589	75 66	114 66	126 58	96 44	88 45	102 52				64 3.35 68	107 -0.33 57	100 7 44	114 20.3 66	126 5.9 58	135 125 56		111 27.9 55	111 111 8		106 14.7 10	81 7.2 58	94 -2.9 26	96 12.6 50	122 14 9	118 30 8			
BP 210613 93379246 BP210613		BA BC	150135 150635	99 70	111 71	96 68	95 49	118 50	115 57	100 26	110 51	98 23	102 0.17 72	91 0.30 65	103 11 49	111 18.4 71	96 -2.4 68	105 55 63		113 29.4 62	101 76 34	95 -34 14	99 10.5 43	130 -31.3 60	117 -7.6 36	98 13.3 55	106 5 34	100 13 33	99 0.75 24	101 0.19 22	108 0.75 22

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Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name				Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
BP 210617 93386563 BP210617		BC	180573	95 58	89 57	112 47	113 31	82 35	87 43			75 6	95 0.72 60	98 0.01 49	89 -6 31	89 5.7 57	112 1.9 47	101 45 45	88 9.7 38	78 -7 7	84 -21 8	85 2.7 8	85 3.9 48	90 -2.0 20	84 5.0 38	91 -4 9	83 -2 8	72 -1.90 7	90 -0.49 6	91 -0.23 6
BP 210625 93714186 BP210625		CM	160217 X 111038	100 56	103 64	82 54	115 26	101 35	101 44				98 0.48 56	106 -0.29 54	88 -7 26	103 14.0 64	82 -6.4 54	92 24 48	102 20.9 42	91 40 8		88 4.1 10	109 -14.3 36	99 -3.9 18	97 13.0 50	98 0 9	91 4 8			
BP 210626 93379287 BP210626		CM	160217 BC 150666	93 68	121 67	110 65	99 39	124 44	136 53				89 1.26 70	116 -0.67 62	99 6 39	121 24.3 67	110 1.3 65	130 112 57	121 35.3 56	126 167 16		119 22.0 10	125 -27.0 55	127 -9.6 28	106 18.8 50	133 20 9	127 39 8			
BP 210628 93379048 BP210628		BA	150135 BC 150553	89 66	121 67	102 58	99 35	98 47	110 51	105 24	106 46	106 23	95 0.71 68	84 0.57 59	99 6 35	121 24.5 67	102 -0.8 58	124 98 53	124 37.8 57	107 96 32	100 -39 14	106 14.3 40	102 -9.3 58	97 -3.4 29	98 13.8 55	126 17 30	112 25 29	107 1.57 24	104 0.32 22	117 1.29 22
BP 210631 93386787 BP210631		BC	171088 BP 140360	102 66	106 66	81 57	95 20	100 41	90 47				102 0.19 69	99 -0.02 57	104 11 20	106 15.3 66	81 -6.7 57	87 12 48	105 22.6 49	101 77 18		97 9.5 20	107 -13.2 54	91 -2.2 21	104 17.0 48	96 -1 20	94 7 20			
BP 210634 93378990 BP210634		BC	170573	97 59	104 60	83 57	113 26	105 34	102 44				92 0.97 61	124 -0.99 50	90 -4 26	104 14.6 60	83 -6.1 57	93 26 48	103 21.4 43	91 38 7		89 4.9 8	116 -20.3 48	111 -6.2 18	88 7.3 36	102 3 9	95 9 8			
BP 210637 95244604 BP210637		BP	130332	119 60	93 59	85 53	103 27	94 35	90 44				117 -1.08 62	99 -0.02 51	96 2 27	93 8.0 59	85 -5.6 53	80 -6 46	91 12.3 36	99 67 14		94 7.9 17	88 1.6 47	109 -5.8 19	90 8.7 38	94 -2 18	88 2 17			
BP 210640 93379394 BP210640		SPB	170134 BC 177407	112 66	95 63	98 57	113 26	108 43	112 48	101 21	107 43	95 6	115 -0.92 68	84 0.57 59	90 -5 26	95 9.3 63	98 -2.1 57	95 31 49	95 15.3 46	102 80 34	101 -40 5	99 10.3 37	119 -22.5 50	97 -3.6 29	106 18.6 49	96 -1 38	94 8 37	97 0.57 6	93 -0.32 5	91 -0.19 5
BP 210643 95538385 21 0643		BA	150135	95 51	103 52	120 54	96 35	111 38		96 24		95 23	106 -0.13 52	68 1.22 49	101 8 35	103 13.6 52	120 4.1 54	117 82 47	107 24.5 48	97 60 32	95 -34 14	106 14.7 40	121 -24.0 42	101 -4.2 25	107 18.9 46	125 16 30	106 19 29	99 0.79 24	85 -0.76 22	74 -1.17 22
BP 210658 93714244 BP210658		SPB	170134 BC 170524	95 59	101 60	98 45	106 27	99 35	97 42	99 21	93 38	97 6	98 0.53 63	93 0.23 45	94 0 27	101 12.6 60	98 -2.1 45	100 42 44	99 18.6 42	103 85 34	104 -43 5	100 11.1 37	113 -17.3 39	91 -2.2 21	97 12.8 44	98 0 38	97 11 37	97 0.56 6	96 -0.14 5	99 0.25 5
BP 220102 93872422 BP220102		BC	190071	111 47	79 54	108 30	121 30	79 21	87 34			68 6	115 -0.93 53	84 0.59 28	80 -16 30	79 0.0 54	108 0.9 30	91 21 38	79 2.5 29	73 -25 7	81 -18 8	80 -0.4 8	91 -0.2 23	89 -1.9 10	74 -1.1 30	87 -6 9	79 -7 8	58 -3.26 7	96 -0.14 6	93 -0.09 6
BP 220105 98945546 BP220105				101 26		109 8							106 -0.15 26	85 0.55 28			109 1.1 8							98 13.5 22						

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Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
BP 220120		BC 190079	103	109	106	121	102	125	93	117	102	98	123	80	109	106	125	105	100	97	97	107	102	99	104	105	105	106	111
93872471		BC 190064	62	63	51	33	36	46	26	42	16	0.53	-0.96	-16	17.5	0.2	101	22.6	74	-36	9.3	-12.8	-4.4	14.0	4	18	1.38	0.45	0.90
BP220120												65	50	33	63	51	49	42	30	18	35	50	16	42	36	34	17	15	15
BP 220123		BC 171088	83	130	108	70	105	106				89	85	136	130	108	118	134	128		118	112	100	101	132	128			
93872489		BC 190031	65	64	55	45	39	50				1.22	0.52	49	29.5	0.9	85	45.3	173		21.1	-16.9	-4.1	15.5	20	40			
BP220123												68	55	45	64	55	55	47	18		20	53	19	46	20	20			
BP 220130		BC 180073	96	89	110		78					96	100		89	110	101	87				83		76					
93853703			51	31	32		16					0.67	-0.05		5.6	1.4	44	8.7				5.6		-0.2					
BP220130												56	33		31	32	22	22				23		23					
BP 220132		BC 190043	88	114	105	95	93	99				92	91	103	114	105	116	114				101	100	85					
93853711			54	57	47	32	29	41				1.00	0.31	10	20.0	0.1	80	29.9				-8.2	-4.1	5.6					
BP220132												58	39	32	57	47	45	31				48	11	29					
BP 220133			130	91	87							126	138		91	87	77							101					
98945553			37	24	37							-1.86	-1.54		6.6	-5.1	-12							15.5					
BP220133												36	40		24	37	21							23					
BP 220142		BA 150135	114	104	113	90	114	120	96	114	101	111	105	108	104	113	110	107	98	89	107	125	115	96	114	109	106	103	122
93853752		BC 160091	68	69	59	44	49	54	26	48	24	-0.55	-0.24	17	14.5	2.3	65	24.2	66	-27	15.1	-27.2	-7.2	12.0	9	22	1.49	0.31	1.57
BP220142												70	61	44	69	59	57	56	33	16	43	61	31	56	32	31	25	23	23
BP 220156		CM 160217	91	119	94	100	114	117				89	108	98	119	94	115	117	117		115	125	118	94	123	118			
94691383		BC 180034	66	66	56	41	43	51				1.24	-0.36	5	23.0	-3.0	76	32.3	132		19.6	-27.0	-7.7	11.1	15	30			
BP220156												68	57	41	66	56	54	61	8		10	57	25	47	9	8			
BP 220165		TG 170098	91	102	103	96	101	95				97	82	102	102	103	102	103				106		99					
95243390		BP 200035	53	54	32	27	22	36				0.58	0.65	9	13.1	-0.5	46	21.1				-12.1		14.0					
BP220165												58	34	27	54	32	38	51				25		37					
BP 220168			124	80	107							117	111		80	107	83							98					
98945520			37	25	39							-1.11	-0.51		0.4	0.5	3							13.6					
BP220168												36	39		25	39	22							23					
BP 220175		BA 150135	115	111	102	104	110	126	101	120	106	114	98	95	111	102	115	114	103	92	111	128	108	92	118	113	111	100	122
94691433		BC 170072	84	85	82	80	82	76	79	77	79	-0.83	0.03	1	18.5	-0.7	77	30.2	83	-30	17.2	-29.7	-5.6	9.7	12	26	1.91	0.11	1.53
BP220175												85	82	80	85	82	82	82	79	78	80	83	80	82	79	79	79	79	79
BP 220179			108	94	115							111	88		94	115	103							99					
98945595			26	25	39							-0.56	0.40		8.4	2.8	49							14.3					
BP220179												26	28		25	39	22							22					
BP 220180		BC 190037	117	86	113	113	103	111	87	103	83	109	116	89	86	113	99	87	90	90	91	115	105	92	93	88	86	85	88
94691441		BP 130047	61	64	47	16	29	41	31	39	20	-0.43	-0.70	-6	3.8	2.3	39	9.2	37	-28	6.1	-19.1	-5.0	9.8	-3	2	-0.49	-0.75	-0.37
BP220180												65	46	16	64	47	42	58	33	24	39	30	12	44	40	38	22	19	19

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ID Number Name																													
BP 220184 94691458 BP220184		BC 171088 BC 180049	103 64	106 65	100 49	94 32	95 40	98 47			98 6	100 0.32 67	108 -0.35 53	104 12 32	106 15.5 65	100 -1.3 49	103 49 49	107 24.6 59	103 84 19	104 -43 8	105 13.9 22	95 -3.2 57	99 -3.8 18	97 13.0 46	100 1 22	100 14 21	93 0.13 7	99 0.06 6	102 0.41 6
BP 220188 95244661 BP220188		BC 190531 BP 110174	94 67	113 68	101 60	90 22	105 35	105 48	95 20	99 42	103 8	94 0.84 69	103 -0.16 59	109 18 22	113 19.7 68	101 -1.2 60	108 62 50	111 27.6 60	100 72 28	99 -38 8	115 19.6 35	95 -3.6 50	111 -6.2 10	106 18.6 45	106 5 35	105 18 33	100 0.84 8	111 0.73 7	98 0.21 6
BP 220190 95244679 BP220190		BC 200031 BC 150008	136 60	96 62	89 56	121 31	90 36	111 46	99 20	105 41	94 18	130 -2.18 63	104 -0.22 50	81 -15 31	96 9.9 62	89 -4.6 56	93 24 50	99 18.1 54	95 55 21	96 -34 18	101 11.6 26	93 -2.0 52	85 -1.1 14	101 15.4 43	106 5 23	94 8 22	98 0.65 19	86 -0.72 17	94 -0.04 17
BP 220192 94691474 BP220192		TG 170098 X 110171	99 61	90 65	108 48	112 13	97 30	99 41	86 21	91 37	78 14	105 -0.11 65	80 0.76 47	90 -5 13	90 6.5 65	108 0.7 48	99 39 42	92 13.1 58	85 18 22	76 -13 16	83 1.4 22	106 -12.3 35	95 -3.1 10	95 11.6 45	88 -6 23	81 -5 22	73 -1.77 15	118 1.16 13	95 0.02 12
BP 220193 94691482 BP220193		BC 190531 BC 170030	86 66	104 66	120 55	99 27	117 36	119 47				92 1.02 68	87 0.45 59	98 5 27	104 14.6 66	120 4.3 55	121 92 49	105 23.0 60	90 36 27		101 11.5 34	114 -18.7 51	118 -7.7 12	108 19.9 44	95 -2 34	94 7 32			
BP 220198 94691490 BP220198		BC 190037 BC 170062	114 61	99 64	93 52	115 29	92 34	102 45	90 26	96 41	89 16	114 -0.79 65	96 0.12 47	87 -7 29	99 11.4 64	93 -3.5 52	96 33 48	99 17.9 57	94 50 30	94 -32 18	96 8.7 35	89 1.0 49	99 -3.8 12	95 11.8 42	99 1 36	93 6 34	89 -0.24 16	98 0.01 15	87 -0.45 14
BP 220301 93853760 BP220301		CM 170252	118 58	95 58	92 57	115 39	95 26	104 44				111 -0.57 61	117 -0.71 47	87 -7 39	95 9.0 58	92 -3.6 57	91 21 51	94 14.2 32				110 -14.9 24	100 -4.1 18	84 5.0 36					
BP 220303 93872497 BP220303		BC 190241	110 47	98 51	110 28	97 14	89 28	98 32				110 -0.47 52	97 0.05 28	100 8 14	98 11.1 51	110 1.5 28	105 53 31	98 17.5 30				98 -5.9 41	95 -3.1 12	85 5.7 31					
BP 220308 95248860 BP220308		CM 160013	92 51	88 52	101 36	115 11	90 25	86 33				97 0.57 56	85 0.52 35	87 -7 11	88 5.3 52	101 -1.1 36	92 23 33	87 8.8 39	79 -5 5		81 0.1 7	97 -5.0 27	99 -4.0 15	83 4.2 34	89 -5 6	82 -4 6			
BP 220314 93853828 BP220314		BC 171088 CM 190217	92 64	108 65	100 54	99 32	104 41	104 48				91 1.07 67	105 -0.25 53	99 6 32	108 16.8 65	100 -1.5 54	107 59 50	108 25.3 48	105 92 18		101 11.7 20	113 -17.6 56	101 -4.4 21	98 13.9 46	103 3 20	101 14 20			
BP 220352 95276754 BP220352		BC 180540 BC 180292	88 54	105 39	119 32	95 11	90 22	98 30	98 21	93 28	103 6	91 1.07 59	94 0.18 35	102 9 11	105 15.2 39	119 4.0 32	119 87 27	105 22.9 32	107 98 29	112 -53 8	108 15.5 14	90 0.2 19	94 -2.9 5	94 10.8 41	115 10 15	109 22 14	101 0.95 7	95 -0.16 6	85 -0.57 6
BP 220363 94691524 BP220363		BC 171088 CM 150219	101 65	118 67	92 56	83 32	96 41	97 49				99 0.41 68	104 -0.22 54	118 28 32	118 22.3 67	92 -3.6 56	103 48 52	116 31.7 60	115 125 18		105 14.1 20	93 -1.7 57	97 -3.4 18	103 16.4 48	113 9 20	111 24 20			

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ID Number Name																															
BP 220365 98945629 BP220365			94 27	91 25	108 39							99 0.45 26	88 0.42 29		91 6.9 25	108 0.8 39							96 12.3 16								
BP 220366 94691532 BP220366			BC 171088 BC 180203	104 59	116 63	90 48	87 20	102 31	102 42			102 0.19 63	105 -0.24 46	113 22 20	116 21.2 63	90 -4.1 48	101 45 44	116 31.6 56	110 109 18			107 15.1 20	105 -11.5 36	101 -4.2 14	101 15.2 42	109 7 20	106 19 20				
BP 220605 93872539 BP220605			BC 171088 BC 190511	90 65	119 67	94 60	94 43	101 40	103 51			90 1.16 68	103 -0.16 54	105 13 43	119 23.0 67	94 -3.1 60	111 68 57	118 32.6 49	122 152 18			119 22.0 20	106 -11.8 53	98 -3.7 22	101 15.1 46	121 13 20	119 31 20				
BP 220606 95249322 BP220606			BA 150135 BC 180556	102 62	103 62	106 52	110 35	106 40	116 47	90 24	108 42	89 23	107 -0.28 65	82 0.64 52	92 -2 35	103 14.0 62	106 0.2 52	111 67 50	108 25.1 52	91 39 32	85 -23 14	98 9.9 40	121 -23.6 44	104 -4.9 25	95 11.5 50	112 8 30	97 10 29	92 0.09 24	97 -0.09 22	104 0.50 22	
BP 220609 93853877 BP220609			BC 160687	94 59	99 58	93 58	88 38	100 27	84 45			106 -0.17 62	65 1.33 50	112 20 38	99 11.3 58	93 -3.3 58	87 11 51	98 17.6 27	95 52 9	94 -33 8			96 9.1 9	90 0.3 26	117 -7.5 19	93 10.5 37	97 0 9	94 8 8	91 0.00 7	98 0.02 6	102 0.43 6
BP 220617 98945611 BP220617				119 27		99 9						117 -1.12 26	97 0.05 29			99 -1.8 9								100 14.7 16							
BP 220621 93853950 BP220621			BC 190079 BC 190565	111 59	115 61	94 41	95 22	97 32	108 41	99 26	103 38	103 16	107 -0.27 63	108 -0.37 45	104 11 22	115 20.8 61	94 -3.1 41	108 60 41	110 27.0 40	103 83 30	97 -36 18	101 11.6 35	86 3.3 47	106 -5.3 6	101 15.3 42	107 6 36	108 21 34	107 1.53 17	95 -0.16 15	108 0.75 15	
BP 220622 93853968 BP220622			BC 177405	78 53	99 52	120 33	98 9	79 31	82 34			84 1.65 56	87 0.46 41	99 6 9	99 11.7 52	120 4.2 33	115 77 31	97 16.7 30				95 -3.6 45	77 0.6 14	83 4.5 35							
BP 220630 94215472 BP220630			BC 190586 BC 178027	109 57	99 60	94 52	94 14	94 32	91 41	93 34	85 40	97 29	110 -0.49 61	92 0.25 44	104 12 14	99 11.4 60	94 -3.0 52	90 20 42	96 15.8 41	100 74 30	100 -39 34	94 7.6 35	94 -2.8 47	99 -4.0 10	95 11.7 40	116 10 36	109 22 34	101 0.91 31	85 -0.76 27	67 -1.56 26	
BP 220637 98945538 BP220637				124 36	90 25	97 37						119 -1.22 35	108 -0.39 40		90 6.4 25	97 -2.4 37		92 12.9 10						99 14.1 22							
BP 220653 94691565 BP220653			CM 160217 BC 180513	102 61	103 65	88 50	109 35	103 37	102 46			97 0.60 65	115 -0.64 49	93 -1 35	103 14.1 65	88 -4.8 50	95 30 50	102 20.9 60	99 69 8			97 9.4 10	116 -19.8 43	99 -3.9 21	95 11.6 46	103 3 9	101 15 8				
BP 220654 94691573 BP220654			BC 180540 BC 180559	118 59	102 62	76 41	130 18	87 28	103 40	87 21	96 36	82 6	113 -0.78 64	107 -0.32 42	71 -26 18	102 13.5 62	76 -8.2 41	93 26 40	102 20.5 56	89 34 29	87 -25 8	88 4.2 14	91 -0.1 29	85 -1.1 14	97 12.7 42	87 -6 15	83 -3 14	83 -0.78 7	97 -0.10 6	98 0.18 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
BP 220658	CM	160217				84	114	96	102	104	104				80	117	96	114	96	112	110	100	96	100	112	106	95	113	105	94		
95595385	BC	180535				65	54	52	36	37	45				1.97	-0.72	3	20.0	-2.5	69	27.1	70	-35	11.2	-16.5	-5.3	11.5	9	18	0.23		
BP220658															68	54	36	54	52	47	50	9	5	11	44	20	47	10	9	5		
BP 220666	BA	150135				83	116	127	83	109	115	100	110	108	90	83	117	116	127	128	119	107	106	112	118	114	91	130	118	104	105	120
94691581	BC	170569				67	69	62	48	47	54	24	48	23	1.18	0.61	26	21.4	6.1	108	33.9	97	-45	18.2	-21.7	-6.9	9.3	19	30	1.29	0.41	1.43
BP220666															69	58	48	69	62	60	64	32	14	40	61	28	52	30	29	24	22	22
BP 220668	BA	150135				74	115	125	93	106	113	101	108	103	88	65	104	115	125	133	119	102	95	108	112	108	96	119	111	103	102	118
94691599	BC	160519				67	68	61	42	46	53	24	47	23	1.37	1.34	11	20.9	5.6	120	33.4	81	-34	15.5	-17.2	-5.8	12.5	12	24	1.13	0.24	1.30
BP220668															69	58	42	68	61	57	62	32	14	40	60	26	52	30	29	24	22	22
BP 220669	CM	180242				88	110	111	107	100	111				91	92	93	110	111	123	109	106		102	96	109	96	100	103			
94691607	BC	180580				61	64	47	28	32	44				1.05	0.26	0	18.1	1.8	95	26.1	94		12.3	-4.0	-5.8	12.2	1	16			
BP220669															65	45	28	64	47	46	60	7		10	38	15	44	8	7			
BP 220670	CM	160217				73	113	116	109	81	96				65	102	92	113	116	130	112	105		100	70	92	93	113	108			
94691615	BC	190558				63	63	45	32	40	46				3.21	-0.15	-2	19.5	3.0	113	28.6	89		11.1	15.9	-2.4	10.3	9	21			
BP220670															66	51	32	63	45	47	58	11		10	55	18	46	9	8			
BP 220671	BC	190559				100	96	106	107	96	99	92	93	93	99	103	93	96	106	102	95	99	112	100	112	98	85	107	99	95	94	99
94691623	BC	180531				59	60	40	20	39	41	34	40	29	0.41	-0.18	0	9.9	0.2	47	15.4	67	-52	11.1	-16.9	-3.6	5.2	6	12	0.33	-0.24	0.25
BP220671															63	46	20	60	40	40	56	30	34	35	54	19	44	36	34	31	27	27
BP 220674	TG	170098				82	111	127	80	115	114				87	90	120	111	127	121	114	117			124	111	104					
94691649	BC	150666				63	64	55	38	36	48				1.45	0.35	30	18.5	6.1	93	29.6	135			-26.4	-6.2	17.0					
BP220674															66	54	38	64	55	52	57	14			51	13	44					
BP 220675	BA	150135				94	106	104	113	111	118	90	110	88	94	99	89	106	104	114	109	90	82	97	127	108	95	99	92	91	100	110
94691391	BC	150635				66	68	58	41	44	52	26	47	23	0.81	-0.03	-6	15.4	-0.2	74	26.3	36	-19	9.6	-29.0	-5.7	11.7	1	6	-0.08	0.13	0.85
BP220675															69	57	41	68	58	56	64	34	14	43	49	29	53	34	33	24	22	22
BP 220690	TG	170098				100	116	92	97	114	116				108	76	101	116	92	108	118	106		100	119	117	100	106	103			
94691672	BC	170573				64	65	55	29	37	47				-0.32	0.88	9	21.2	-3.6	61	33.1	96		10.9	-22.0	-7.6	14.8	5	17			
BP220690															67	53	29	65	55	50	60	7		8	54	15	43	9	8			
BP 220692	BC	190559				109	95	98	114	92	99	91	92	89	108	98	88	95	98	96	94	96	106	97	108	91	86	99	92	94	94	99
94691680	BC	180512				61	61	42	20	39	42	34	40	29	-0.33	0.01	-6	9.0	-2.0	32	14.3	56	-46	9.3	-13.7	-2.2	6.2	1	6	0.22	-0.22	0.23
BP220692															64	49	20	61	42	41	56	30	34	35	54	19	44	36	34	31	27	27
BP 220694	BA	150135				93	121	112	97	101	118	114	116	115	100	80	100	121	112	130	122	118	112	119	106	109	90	130	119	113	107	125
94691698	BC	170531				67	67	56	40	47	52	24	46	23	0.33	0.74	7	24.1	1.9	114	35.7	137	-52	22.1	-11.8	-5.9	8.9	19	32	2.10	0.51	1.70
BP220694															69	58	40	67	56	54	64	32	14	40	60	29	52	30	29	24	22	22
BP 220698						112	91	95	114	90	94				114	89	89	91	95	89	90				101	97	83					
94691722	BC	170571				55	58	48	32	33	42				-0.79	0.37	-6	6.8	-2.7	16	11.5				-8.0	-3.4	4.2					
BP220698															59	42	32	58	48	46	50				50	15	33					

Breeding Values and Accuracies: Cows

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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																													
BP 220707		BC 200031	92	102	123	106	87	103			98	96	89	93	102	123	123	103	100	104	104	84	92	94	119	108	95	95	101
94691763		BC 170589	61	62	45	27	38	44			12	0.67	0.39	-1	13.1	5.0	96	21.2	74	-43	13.4	5.1	-2.4	11.2	12	21	0.39	-0.16	0.35
BP220707												64	49	27	62	45	45	55	16	7	20	54	18	42	15	15	12	11	11
BP 220709		BA 150135	86	115	116	95	106	115	98	109	102	97	68	102	115	116	127	118	103	102	112	118	107	93	128	112	103	97	102
94691771		BC 150649	63	65	55	37	45	49	24	44	23	0.57	1.20	9	21.0	3.1	106	32.8	83	-41	18.0	-21.9	-5.5	10.2	18	25	1.11	-0.06	0.42
BP220709												66	53	37	65	55	52	60	32	14	40	58	25	52	30	29	24	22	22
BP 230001		BA 150135	91	106	122	97	92	104	97	99	100	101	71	100	106	122	123	108	101	100	109	95	96	93	127	111	100	96	100
95627626		BP 200007	62	60	47	35	43	46	24	42	23	0.27	1.09	7	15.9	4.6	97	25.5	75	-39	16.0	-3.5	-3.3	10.4	17	24	0.85	-0.12	0.28
BP230001												64	54	35	60	47	47	58	32	14	40	56	25	48	30	29	24	22	22
BP 230003		BA 150135	97	102	122	94	111		97		96	107	72	102	102	122	118	107	98	97	107	121	101	107	127	107	101	85	75
98750094			47	48	42	35	36		24		23	-0.21	1.06	10	13.5	4.6	83	24.4	65	-35	15.3	-23.8	-4.2	19.3	17	20	0.92	-0.74	-1.13
BP 230003												48	43	35	48	42	42	46	32	14	40	42	25	42	30	29	24	22	22
BP 230008		BA 150135	83	127	136	83	120	139	114	134	126	90	84	115	127	136	147	129	122	123	126	127	122	101	151	138	119	104	119
95627659		BC 200017	66	68	59	35	45	51	30	47	27	1.19	0.56	25	27.6	8.8	152	41.4	154	-64	25.8	-28.5	-8.4	15.7	31	49	2.75	0.32	1.36
BP230008												69	57	35	68	59	54	60	34	22	44	59	26	51	35	34	28	26	25
BP 230013		CM 160217	103	99	104	117	108	116	99	110	100	101	105	85	99	104	108	101	103	108	102	116	107	98	112	104	97	113	105
95627683		BC 200053	63	66	55	36	36	48	20	42	16	0.27	-0.24	-10	11.4	-0.3	60	19.6	83	-47	12.2	-20.1	-5.4	13.6	8	18	0.58	0.87	0.56
BP230013												67	51	36	66	55	52	60	18	19	21	43	20	46	21	20	17	14	14
BP 230015		BC 190001	106	87	100	118	86	91				106	99	84	87	100	91	82				91	102	77					
95629523			49	54	30	12	21	32				-0.17	0.00	-11	4.7	-1.3	22	4.9				-0.4	-4.5	0.5					
BP230015												55	30	12	54	30	32	48				23	10	29					
BP 230018		TG 170098	92	113	90	90	109	100				95	93	110	113	90	99	112				118	116	91					
95627709		BC 190006	61	62	42	20	34	41				0.76	0.23	18	19.4	-4.3	39	28.6				-21.2	-7.3	9.4					
BP230018												65	47	20	62	42	41	56				52	13	38					
BP 230020		CM 160217	92	106	104	94	107	103				91	103	104	106	104	106	105	111		109	110	105	103	123	115			
95629531		BP 200037	60	59	45	25	38	43				1.06	-0.19	12	15.5	-0.3	57	22.7	113		16.5	-15.6	-5.1	16.8	15	27			
BP230020												63	51	25	59	45	43	56	8		10	53	17	43	9	8			
BP 230024		BA 150135	97	102	122	94	111		97		96	107	72	102	102	122	118	107	98	97	107	121	101	107	127	107	101	85	75
6020409055			47	48	42	35	36		24		23	-0.21	1.06	10	13.5	4.6	83	24.4	65	-35	15.3	-23.8	-4.2	19.3	17	20	0.92	-0.74	-1.13
BP 230024												48	43	35	48	42	42	46	32	14	40	42	25	42	30	29	24	22	22
BP 230026		BP 200031	102	90	109							105	89		90	109		89						81					
98750482			13	13	19							-0.11	0.39		6.1	1.1		10.4						3.1					
BP230026												13	15		13	19		6						17					
BP 230027		TG 170098	113	104	108	87	103	107				115	88	113	104	108	103	107				104	108	97					
95627741		BC 190034	61	64	52	23	35	44				-0.89	0.41	22	14.1	0.9	49	24.5				-10.9	-5.7	12.9					
BP230027												65	48	23	64	52	46	56				52	13	40					

Breeding Values and Accuracies: Cows

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Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																		
Animal				Selection Values							Birth		Wean				Growth			Fertility				Frame		Carcass						
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling		
ID Number Name																																
BP 230029		BA	150135	97	102	122	94	111		97		96	107	72	102	102	122	118	107	98	97	107	121	101	107	127	107	101	85	75		
6020409006				47	48	42	35	36		24		23	-0.21	1.06	10	13.5	4.6	83	24.4	65	-35	15.3	-23.8	-4.2	19.3	17	20	0.92	-0.74	-1.13		
BP 230029													48	43	35	48	42	42	46	32	14	40	42	25	42	30	29	24	22	22		
BP 230031				104	95	103							109	83		95	103								97							
95627758				27	25	38							-0.44	0.63		9.5	-0.7								12.8							
BP230031													26	30		25	38								16							
BP 230101		X	120105	111	105	71	93	130		110			112	91	107	105	71	77	103	94		100	147	135	94	97	93					
96955927		BC	180038	67	68	61	43	44		53			-0.68	0.29	15	15.2	-9.6	-11	21.1	49		11.2	-44.6	-11.1	11.0	0	7					
BP230101													69	58	43	68	61	57	60	10		11	57	22	52	11	11					
BP 230103		 X	120105	117	101	103	102	118		123		91	115	95	116	98	96	101	103	103	101	95	91	113	126	122	97	89	93	90	114	104
96955935		BC	140134	85	85	83	80	81		76		79	77	79	-0.98	0.04	3	12.5	-0.7	49	19.5	55	-29	18.4	-28.0	-8.4	12.9	-5	7	-0.10	0.90	0.53
BP230103													85	83	80	85	83	83	84	79	79	79	81	79	83	79	79	79	79	79	79	
BP 230106		 X	120105	129	102	92	114	116		128		89	120	91	132	86	89	102	92	98	102	92	83	100	115	126	97	82	88	96	100	100
96955943		BC	180077	84	85	82	80	81		76		79	77	79	-2.30	0.50	-6	13.0	-3.7	38	20.7	43	-21	11.1	-18.9	-9.4	13.1	-9	2	0.47	0.11	0.31
BP230106													85	82	80	85	82	82	84	79	79	79	81	79	82	79	79	79	79	79	79	
BP 230108		 X	120105	105	116	104	87	112		118		104	113	108	108	89	112	116	104	112	116	111	108	108	119	115	97	119	114	110	93	112
96955950		BC	180079	85	85	82	80	81		76		78	76	78	-0.32	0.37	21	21.3	-0.4	71	31.5	114	-48	15.5	-22.6	-7.1	13.1	12	26	1.79	-0.29	1.00
BP230108													85	83	80	85	82	82	84	79	78	79	83	79	82	79	79	79	78	78	78	
BP 230110		 X	120105	96	123	111	88	114		125		114	122	121	101	86	111	123	111	126	124	122	117	114	117	121	97	132	126	120	102	112
96955968		BP	100040	85	85	83	79	80		76		78	76	78	0.27	0.51	20	25.3	1.7	103	37.7	152	-57	18.9	-21.1	-8.3	13.0	20	39	2.81	0.24	0.96
BP230110													85	83	79	85	83	82	83	79	78	79	80	79	82	79	79	79	79	78	78	
BP 230111		 X	120105	109	104	107	93	105		110		95	104	102	112	85	105	104	107	107	104	106	109	107	107	114	94	101	101	101	104	105
98324478		BC	210002	84	84	81	79	81		75		78	76	78	-0.68	0.53	12	14.7	0.6	58	22.0	94	-48	15.1	-13.2	-6.8	10.9	2	15	0.97	0.36	0.60
BP230111													85	82	79	84	81	81	82	79	78	78	79	81	79	82	79	79	78	78	78	
BP 230112		X	120105	114	99	119	78	114		113			118	83	124	99	119	102	102	104		99	124	111	102	106	105	94	114	107		
96955976		BP	130396	68	69	63	38	44		53			-1.12	0.63	34	11.6	3.9	47	20.5	85		10.7	-26.2	-6.3	16.0	5	19	0.29	0.90	0.68		
BP230112													70	61	38	69	63	57	62	10		19	59	20	54	19	18	14	12	12		
BP 230113		X	120105	105	98	103	92	109					112	78	107	98	103	96	99	95		101	108	107	108	108	97					
6020408800				47	47	40	25	33					-0.64	0.83	15	11.2	-0.7	32	18.0	54		11.9	-13.4	-5.4	19.9	6	11					
BP 230113													48	42	25	47	40	37	46	10		11	39	19	42	11	11					
BP 230114		X	120105	105	98	103	92	109					112	78	107	98	103	96	99	95		101	108	107	108	108	97					
6020408818				47	47	40	25	33					-0.64	0.83	15	11.2	-0.7	32	18.0	54		11.9	-13.4	-5.4	19.9	6	11					
BP 230114													48	42	25	47	40	37	46	10		11	39	19	42	11	11					
BP 230115		BA	150135	97	102	122	94	111		97		96	107	72	102	102	122	118	107	98	97	107	121	101	107	127	107	101	85	75		
6020408826				47	48	42	35	36		24		23	-0.21	1.06	10	13.5	4.6	83	24.4	65	-35	15.3	-23.8	-4.2	19.3	17	20	0.92	-0.74	-1.13		
BP 230115													48	43	35	48	42	42	46	32	14	40	42	25	42	30	29	24	22	22		

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Value <80 Value >120

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																															
BP 230120		BC 190531		97	117	103	98	108	117	101	112	105	95	105	100	117	103	119		116	102	92	106	105	111	104	101	110	105	107	113
96955984		BC 150014		85	85	83	80	81	76	80	77	79	0.73	-0.27	7	21.7	-0.7	86	31.8	78	-30	14.7	-11.5	-6.3	17.4	2	22	1.36	0.53	1.04	
BP230120													86	83	80	85	83	83	84	80	79	81	80	80	82	81	81	79	79	79	
BP 230123		BC 190531		108	106	106	96	108	114	97	108	96	111	87	101	106	106	109		107	98	88	115	110	107	104	96	100	98	97	100
96955992		BC 180018		84	84	81	79	80	75	79	76	78	-0.59	0.44	9	15.4	0.2	62	24.6	63	-26	19.6	-15.4	-5.4	17.5	-1	13	0.63	-0.05	0.30	
BP230123													85	82	79	84	81	81	83	79	78	80	81	79	81	80	80	78	78	78	
BP 230128		BC 190031		74	141	122	79	114	131	132	131	136	79	92	122	141	122	146		145	135	121	130	124	123	88	155	144	132	113	134
96956008		BC 190031		81	81	79	78	79	73	77	74	77	2.08	0.25	32	35.6	4.9	150	53.6	200	-62	28.0	-26.1	-8.8	7.6	33	55	4.04	0.88	2.20	
BP230128													82	79	78	81	79	79	80	77	77	77	80	77	79	77	77	77	77	77	
BP 230130		CM 180242		83	119	88	95	107	101	108	98	107	85	99	104	119	88	107		116	113	109	95	98	120	98	92	101	109	107	108
96956016		BP 130357		83	84	81	78	80	75	78	76	78	1.59	-0.03	11	23.0	-4.9	58	31.8	119	-49	8.4	-6.1	-8.0	13.6	-3	14	1.71	0.52	0.74	
BP230130													84	81	78	84	81	81	82	78	77	78	81	78	81	78	78	78	78	78	
BP 230132		BC 190531		87	115	90	101	112	108	94	102	96	88	99	98	115	90	107		114	94	84	103	110	117	103	90	96	101	97	109
96956024		X 111047		85	85	83	79	81	76	80	77	79	1.31	-0.02	4	21.0	-4.2	60	29.8	49	-22	13.0	-15.5	-7.4	16.7	-4	10	0.94	-0.05	0.80	
BP230132													85	83	79	85	83	82	84	80	79	80	82	79	82	80	80	79	79	79	
BP 230140		BC 190531		86	117	108	84	118	114	106	110	105	85	108	116	117	108	115		119	104	93	116	106	127	108	110	111	103	108	112
96956032		BC 160109		85	85	83	80	81	76	80	77	79	1.62	-0.37	25	22.1	0.8	78	33.7	87	-31	20.0	-12.1	-9.5	19.7	7	24	1.12	0.55	0.96	
BP230140													85	83	80	85	83	83	84	80	79	81	82	80	82	81	81	79	79	79	
BP 230146		BC 190531		115	107	86	90	102	98	100	94	96	112	104	110	107	86	90		108	99	92	105	95	107	103	100	99	97	101	106
96956057		BP 130375		84	85	82	79	80	75	80	76	79	-0.64	-0.23	19	16.0	-5.4	18	24.8	68	-30	14.1	-3.4	-5.5	16.6	2	12	0.56	0.16	0.62	
BP230146													85	82	79	85	82	82	84	80	79	80	80	79	82	80	80	79	79	79	
BP 230147		BA 150135		121	117	83	92	111	116	98	110	102	120	96	107	117	83	99		117	107	105	106	116	114	99	96	100	106	94	107
96956065		BC 150053		83	84	81	79	79	74	78	75	77	-1.29	0.10	15	22.0	-6.3	40	32.1	96	-44	14.3	-19.9	-6.9	14.0	-1	13	1.42	-0.24	0.67	
BP230147													84	81	79	84	81	81	82	78	77	79	79	77	80	78	78	77	77	77	
BP 230149		BC 190531		96	104	108	95	103	103	95	98	96	94	106	103	104	108	108		104	97	91	112	99	103	105	100	97	92	129	102
96956073		X 110171		86	85	83	80	81	76	80	77	79	0.79	-0.29	11	14.6	0.7	60	21.8	63	-29	18.1	-6.6	-4.7	18.1	1	10	0.03	1.82	0.41	
BP230149													86	84	80	85	83	83	84	81	79	81	82	80	82	81	81	79	79	79	
BP 230151		BC 190531		103	97	106	92	111					106	88	106	97	106	97		98	86		102	105	104	116	97	90			
6020408834				47	47	35	11	23					-0.18	0.42	14	10.3	0.3	36	17.7	20		12.1	-11.4	-4.8	24.8	-1	4				
BP 230151													48	42	11	47	35	31	44	27		34	26	10	32	34	32				
BP 230301		BA 150135		109	109	112	117	117	140	105	134	106	111	90	84	109	112	128		115	109	103	109	135	112	98	127	115	109	96	115
95627766		BP 200320		63	64	59	44	43	51	24	46	23	-0.56	0.35	-11	17.5	2.1	108	30.7	105	-43	16.4	-34.5	-6.5	13.8	17	27	1.73	-0.11	1.12	
BP230301													65	55	44	64	59	56	58	32	14	40	56	25	49	30	29	24	22	22	
BP 230302		BA 150135		101	111	129	110	114	141	107	135	115	108	77	90	111	129	141		116	114	108	114	130	116	91	132	122	111	114	131
97352330		BC 200302		65	68	59	49	46	53	24	47	23	-0.35	0.84	-4	18.6	6.8	139	31.4	122	-47	18.9	-30.9	-7.4	8.9	20	35	1.98	0.92	2.04	
BP230302													68	55	49	68	59	59	62	32	14	40	60	28	50	30	29	24	22	22	

Breeding Values and Accuracies: Cows

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

Inbreeding in red is high										Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																
Animal				Selection Values							Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
BP 230304		CM 180242		83	122	98	91	103	105			117	82	110	107	122	98	116	122	119	119	108	99	110	99	112	114	111	119	109
95627782		BP 130363		62	65	50	20	40	45			14	1.85	-0.45	15	25.0	-2.1	81	35.9	139	-60	15.7	-6.9	-6.2	14.4	9	27	1.95	1.24	0.81
BP230304													66	50	20	65	50	45	58	15	17	18	55	17	47	18	17	15	13	12
BP 230309				113	93	119	98	85	98				114	94	99	93	119	107	91				85		87					
95627600		BC 190241		51	54	45	55	13	40				-0.81	0.19	6	7.9	4.0	59	12.2				4.0		6.8					
BP230309													55	39	55	54	45	51	46				10		27					
BP 230351		X 120105		105	98	103	92	109					112	78	107	98	103	96	99	95		101	108	107	108	108	97			
6020408842				47	47	40	25	33					-0.64	0.83	15	11.2	-0.7	32	18.0	54		11.9	-13.4	-5.4	19.9	6	11			
BP 230351													48	42	25	47	40	37	46	10		11	39	19	42	11	11			
BP 230357		BC 190531		111	95	102	92	111					111	96	106	95	102	92	96	86		102	105	104	118	97	90			
6020408859				51	47	35	11	24					-0.56	0.10	14	9.0	-0.8	23	15.9	20		12.1	-11.4	-4.8	26.0	-1	4			
BP 230357													52	48	11	47	35	31	44	27		34	26	10	36	34	32			
BP 230365		BC 190531		103	97	106	92	111					106	88	106	97	106	97	98	86		102	105	104	116	97	90			
6020408867				47	47	35	11	23					-0.18	0.42	14	10.3	0.3	36	17.7	20		12.1	-11.4	-4.8	24.8	-1	4			
BP 230365													48	42	11	47	35	31	44	27		34	26	10	32	34	32			
BP 230501		CM 160217		103	109	85	99	116	110			98	104	96	99	109	85	96	109	102	96	96	136	105	101	107	102	98	101	98
95627402		BC 200577		64	66	58	36	42	50			8	0.02	0.10	6	17.2	-5.5	32	25.8	79	-35	8.7	-35.4	-5.0	15.6	5	15	0.70	0.19	0.21
BP230501													67	53	36	66	58	53	60	18	8	17	57	22	46	17	16	8	7	6
BP 230504				101	95	110	102	88	93			93	102	95	96	95	110	104	92	101	116	104	88	95	91	105	98	83	115	94
98252620		BP 200501		54	57	48	55	27	45			13	0.16	0.13	2	9.2	1.5	51	12.7	74	-57	13.1	2.2	-3.0	9.5	4	11	-0.81	1.00	-0.03
BP230504													58	42	55	57	48	53	37	13	16	16	46	5	31	16	15	14	12	11
BP 230508		BA 150135		88	121	109	98	117	127	110	122	113	97	77	100	121	109	128	125	116	108	111	137	107	101	137	126	113	86	116
95627436		BC 200524		66	69	61	44	46	53	31	49	28	0.60	0.87	7	24.3	1.0	109	38.2	130	-47	17.5	-36.7	-5.6	15.1	23	38	2.17	-0.71	1.20
BP230508													69	56	44	69	61	58	61	36	24	44	59	28	51	36	35	29	27	26
BP 230511		BA 150135		87	111	122	86	104	109	100	104	104	98	70	112	111	122	121	115	105	104	112	112	103	96	131	116	104	97	101
95627451		BP 200509		61	62	56	44	42	49	24	44	23	0.49	1.12	21	18.3	4.8	93	31.0	89	-44	17.9	-17.2	-4.7	12.6	19	29	1.22	-0.08	0.37
BP230511													63	52	44	62	56	54	58	32	14	40	56	25	46	30	29	24	22	22
BP 230514		CM 180242		85	116	92	85	99	90			111	90	88	115	116	92	102	113	113	113	100	81	115	99	109	109	110	104	108
95627477		BC 160687		55	66	56	28	38	46			8	1.14	0.44	25	21.5	-3.8	46	28.7	119	-53	11.3	7.4	-7.1	14.3	7	22	1.86	0.32	0.75
BP230514													57	50	28	66	56	50	57	11	8	10	54	16	45	10	10	8	7	6
BP 230515		BA 150135		97	102	122	94	111		97		96	107	72	102	102	122	118	107	98	97	107	121	101	107	127	107	101	85	75
6020408982				47	48	42	35	36		24		23	-0.21	1.06	10	13.5	4.6	83	24.4	65	-35	15.3	-23.8	-4.2	19.3	17	20	0.92	-0.74	-1.13
BP 230515													48	43	35	48	42	42	46	32	14	40	42	25	42	30	29	24	22	22
BP 230516		CM 160217		93	104	116	109	112	121	103	116	100	91	108	92	104	116	120	104	103	91	100	118	114	100	115	108	102	107	108
95627485		BC 200541		64	66	57	36	42	50	20	44	15	1.07	-0.38	-2	14.1	3.1	89	22.3	81	-29	11.2	-21.2	-6.9	14.6	10	21	1.02	0.54	0.75
BP230516													67	53	36	66	57	53	60	19	19	21	57	22	46	21	20	16	14	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																															
BP 230517		TG 170098		101	97	103	92	108					108	77	107	97	103	94	99				113		109						
6020409105				35	37	24	27	19					-0.31	0.84	15	10.1	-0.7	28	18.2				-17.6		20.3						
BP 230517													38	25	27	37	24	29	34				25		27						
BP 230520		CM 160217		90	113	105	95	107	109			110	90	102	103	113	105	115	113	112	106	107	112	109	97	119	118	109	82	95	
95627519		BC 200556		61	64	47	25	41	45			14	1.15	-0.14	10	19.7	0.0	77	29.0	117	-46	15.2	-17.0	-6.0	12.7	13	31	1.75	-0.92	0.04	
BP230520													65	46	25	64	47	45	58	16	17	20	56	21	45	19	18	15	13	12	
BP 230523		CM 180242		91	107	88	104	103	97				91	102	95	107	88	98	105	97		91	107	109	94	95	92				
95249371		BC 180556		60	60	43	15	34	40				1.09	-0.15	2	16.3	-4.8	38	23.1	60		5.8	-12.9	-5.8	10.9	-2	5				
BP 230523													64	48	15	60	43	39	46	5		5	50	10	42	5	5				
BP 230524		BC 200548		93	117	97	89	112	110			112	96	93	110	117	97	109	116	113	113	116	116	112	102	117	116	111	100	103	
97352348		BC 190560		42	59	49	36	28	40			14	0.69	0.20	19	22.2	-2.4	63	31.6	120	-53	20.1	-20.0	-6.5	16.2	11	29	1.95	0.11	0.47	
BP230524													43	39	36	59	49	48	51	14	16	17	45	5	35	17	16	15	13	12	
BP 230529		TG 170098		101	102	95	94	100	95			96	107	82	104	102	95	95	104	102	104	96	105	108	90	102	99	90	105	103	
95627584		BC 190552		57	62	39	40	28	42			6	-0.25	0.67	12	13.3	-2.8	30	21.8	80	-43	9.1	-11.2	-5.7	8.6	3	12	-0.09	0.41	0.46	
BP230529													62	38	40	62	39	47	56	9	8	8	35	11	39	8	8	7	6	6	
BP 230602		X 120105		96	112	97	97	99	103				105	74	101	112	97	109	111	105		109	94	112	94	114	112				
96956115		BC 210502		65	62	48	30	41	46				-0.05	0.97	8	19.2	-2.2	63	27.2	91		16.5	-2.8	-6.5	10.9	10	25				
BP230602													68	55	30	62	48	47	58	10		11	53	19	50	11	11				
BP 230605		X 120105		102	111	106	93	117	121	110	117	116	103	96	105	111	106	113	109	119	117	110	119	128	96	116	116	114	104	114	
96956149		BC 150589		85	85	83	80	82	76	80	77	79	0.11	0.12	13	18.7	0.2	72	26.2	141	-57	17.0	-22.1	-9.7	12.5	11	28	2.23	0.35	1.07	
BP230605													86	83	80	85	83	83	84	79	79	80	83	79	83	80	79	79	79	79	
BP 230606		X 120105		99	101	107	87	101	96				103	86	112	101	107	100	102	98		101	97	114	92	104	101				
96956156		BC 170569		67	66	54	32	44	49				0.05	0.51	21	12.9	0.6	43	20.3	64		11.8	-4.8	-7.0	9.6	4	14				
BP230606													69	58	32	66	54	51	62	10		11	58	23	52	11	11				
BP 230607		X 120105		107	119	94	99	98	112	104	107	109	111	84	100	119	94	114	120	110	102	111	91	112	94	109	113	111	110	116	
96956164		BC 190547		84	84	82	80	81	75	78	76	78	-0.61	0.58	7	22.9	-3.1	74	34.5	108	-41	17.2	-0.2	-6.4	11.1	7	25	1.93	0.69	1.18	
BP230607													85	82	80	84	82	82	83	79	78	79	82	79	82	79	79	78	78	78	
BP 230608		X 120105		97	113	106	96	103	110	104	106	111	104	79	102	113	106	116	111	110	104	114	100	109	98	109	112	112	101	113	
96956172		BC 180580		84	85	82	80	81	76	79	77	79	0.03	0.77	9	19.7	0.2	80	27.2	108	-43	18.9	-7.7	-5.9	13.4	7	25	2.02	0.18	1.04	
BP230608													85	82	80	85	82	82	84	79	79	79	81	79	82	79	79	79	79	79	
BP 230614		X 120105		115	103	87	100	111	109	91	103	95	120	81	98	103	87	92	101	95	90	91	118	116	96	96	97	99	108	108	
96956198		BC 190557		85	85	82	80	81	76	79	77	79	-1.31	0.71	5	14.0	-5.1	22	19.9	55	-28	6.0	-21.8	-7.3	12.0	-1	10	0.74	0.57	0.77	
BP230614													85	83	80	85	82	82	84	79	79	79	83	79	82	79	79	79	79	79	
BP 230625		BC 190531		97	109	101	106	113	119	94	112	92	93	114	94	109	101	113	108	94	88	103	108	123	101	89	90	92	98	99	
96956255		BC 170531		85	85	82	80	81	76	80	77	79	0.95	-0.60	0	17.5	-1.0	72	25.1	52	-26	13.0	-14.0	-8.6	15.2	-5	4	0.04	-0.03	0.24	
BP230625													85	83	80	85	82	82	84	80	79	81	81	80	82	81	81	79	79	79	

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
BP 230627 96956263 BP230627		BA 150135	BC 150529	90 86	125 86	113 84	90 81	113 82	126 77	108 80	121 78	117 80	100 0.32 86	72 1.05 84	108 17 81	125 26.7 86	113 2.3 84	131 116 84	128 40.4 84	113 119 81	105 -44 80	120 22.7 81	125 -27.3 84	113 -6.6 80	95 12.0 83	135 22 81	123 35 81	117 2.57 80	113 0.87 80	130 1.99 80
BP 230628 6020408966 BP 230628		BC 190531		103 47	97 47	106 35	92 11	111 23					106 -0.18 48	88 0.42 42	106 14 11	97 10.3 47	106 0.3 35	97 36 31	98 17.7 44	86 20 27		102 12.1 34	105 -11.4 26	104 -4.8 10	116 24.8 32	97 -1 34	90 4 32			
BP 230631 98250988 BP230631		BA 150135	BC 178019	98 85	109 82	116 82	91 80	114 81	119 75	110 80	115 76	104 79	107 -0.24 85	72 1.04 83	106 14 80	109 17.0 82	116 3.2 82	118 84 81	115 30.8 81	106 93 80	92 -30 79	105 13.7 81	129 -30.5 81	110 -6.1 79	96 12.6 82	117 11 80	110 23 80	109 1.74 79	108 0.59 79	123 1.60 79
BP 230635 96956297 BP230635		BC 160624		103 56	89 56	110 38	104 24	90 30	91 38				99 0.42 59	111 -0.48 44	94 1 24	89 5.8 56	110 1.4 38	97 36 39	85 7.8 50			101 -8.1 48	97 -3.5 11	82 3.6 32						
BP 230636 96956305 BP230636		BC 190531	BC 180581	117 84	99 84	109 81	92 79	99 80	106 75	96 79	100 76	93 78	114 -0.81 85	103 -0.17 82	106 14 79	99 11.5 84	109 1.2 81	102 48 81	106 23.5 83	93 47 79	82 -19 78	92 6.3 80	84 5.0 81	106 -5.2 79	107 19.1 81	84 -8 80	93 7 80	97 0.60 78	98 -0.02 78	101 0.37 78
BP 230638 96956313 BP230638		BC 190531	BC 150553	101 85	122 85	81 83	92 80	106 81	106 76	100 80	102 77	101 80	95 0.74 85	117 -0.74 83	108 16 80	122 25.1 85	81 -6.7 83	103 49 83	119 33.5 84	100 71 81	96 -35 80	93 7.2 81	101 -8.0 81	108 -5.7 80	106 18.3 82	104 4 81	99 13 81	101 0.91 80	103 0.30 80	115 1.12 80
BP 230644 98247414 BP230644		BC 190575		97 80	121 80	107 77	88 76	102 77	113 72	118 76	112 73	120 76	101 0.25 81	87 0.48 78	111 20 76	121 24.2 80	107 0.7 77	121 91 78	123 36.9 78	124 159 76	114 -54 76	113 18.7 76	105 -11.3 78	116 -7.2 76	87 6.9 78	130 19 76	125 37 76	124 3.21 76	97 -0.07 76	125 1.70 76
BP 230645 6020408990 BP 230645		BC 190531		103 47	97 47	106 35	92 11	111 23					106 -0.18 48	88 0.42 42	106 14 11	97 10.3 47	106 0.3 35	97 36 31	98 17.7 44	86 20 27		102 12.1 34	105 -11.4 26	104 -4.8 10	116 24.8 32	97 -1 34	90 4 32			
BP 230648 96956339 BP230648		BC 200567		89 80	124 81	112 77	84 76	92 77	105 72	116 76	104 73	123 76	97 0.57 81	78 0.81 77	115 25 76	124 26.0 81	112 2.0 77	125 102 78	124 37.3 80	123 156 76	109 -49 76	127 26.7 76	89 0.7 77	106 -5.2 76	87 6.7 78	133 20 76	131 43 76	126 3.41 76	114 0.95 76	127 1.83 76
BP 230649 6020409089 BP 230649		BA 150135		97 47	102 48	122 42	94 35	111 36		97 24		96 23	107 -0.21 48	72 1.06 43	102 10 35	102 13.5 48	122 4.6 42	118 83 42	107 24.4 46	98 65 32	97 -35 14	107 15.3 40	121 -23.8 42	101 -4.2 25	107 19.3 42	127 17 30	107 20 29	101 0.92 24	85 -0.74 22	75 -1.13 22
BP 240003 98240088 BP240003		BC 200303	BP 210114	97 81	122 82	91 79	88 77	106 78	107 73	114 77	106 74	117 77	98 0.46 82	97 0.06 79	112 20 77	122 24.8 82	91 -4.0 79	108 62 79	123 37.1 80	120 145 77	115 -55 77	111 17.5 77	109 -14.5 78	115 -7.2 77	91 9.5 79	124 15 77	120 33 77	115 2.29 77	101 0.14 77	122 1.53 77
BP 240005 98240096 BP240005		BC 190531	BC 190034	98 85	117 85	103 82	82 80	112 81	112 76	102 80	107 77	105 79	96 0.70 85	107 -0.32 83	119 29 80	117 21.8 85	103 -0.4 82	110 65 82	116 31.7 82	106 93 80	103 -42 79	112 18.0 81	105 -11.4 81	123 -8.6 80	102 16.0 82	110 7 81	107 20 80	103 1.16 79	109 0.61 79	101 0.36 79

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Animal				Selection Values							Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
BP 240007 98240112 BP240007		BP 210140	128 79	110 80	73 77	100 76	112 76	114 71	98 76	108 72	102 75	119 -1.24 80	121 -0.88 77	99 6 76	110 18.1 80	73 -9.0 77	87 12 78	109 25.7 77	105 92 75	100 -39 75	112 18.1 76	131 -31.4 76	115 -7.2 75	88 7.1 77	104 4 76	100 14 76	104 1.20 75	94 -0.22 75	103 0.48 75
BP 240010 96835269 BP 240010		BA 150135 BC 190050	75 84	119 84	132 82	102 80	109 81	128 75	110 80	124 76	113 79	83 1.76 85	83 0.64 82	95 1 80	119 23.1 84	132 7.6 82	149 157 82	123 37.0 82	116 130 80	114 -54 79	111 17.1 81	121 -23.9 81	114 -6.9 80	90 8.5 82	122 14 80	113 25 80	117 2.53 79	110 0.66 79	126 1.77 79
BP 240011 6020409113 BP 240011		BP 210304	115 26	82 18	99 17		105 9				73 14	116 -0.97 28	92 0.27 17		82 1.8 18	99 -1.6 17	81 -3 13	82 5.4 14	78 -8 14	86 -24 16	92 6.6 17	109 -14.2 6		110 21.3 20	98 1 17	82 -4 16	77 -1.41 15	81 -1.01 13	42 -3.00 12
BP 240012 6020409121 BP 240012		BC 190531	103 47	97 47	106 35	92 11	111 23					106 -0.18 48	88 0.42 42	106 14 11	97 10.3 47	106 0.3 35	97 36 31	98 17.7 44	86 20 27		102 12.1 34	105 -11.4 26	104 -4.8 10	116 24.8 32	97 -1 34	90 4 32			
BP 240021 6020408875 BP 240021		BC 190531 BC 190001	113 63	93 56	101 45	108 17	107 29	109 40				115 -0.90 67	90 0.33 51	93 -1 17	93 8.2 56	101 -1.2 45	94 29 39	93 13.4 48	86 20 27		100 10.8 34	104 -10.5 35	117 -7.4 15	98 13.5 38	91 -4 34	91 5 32			
BP 240022 6020409063 BP 240022		BA 150135	97 47	102 48	122 42	94 35	111 36		97 24		96 23	107 -0.21 48	72 1.06 43	102 10 35	102 13.5 48	122 4.6 42	118 83 42	107 24.4 46	98 65 32	97 -35 14	107 15.3 40	121 -23.8 42	101 -4.2 25	107 19.3 42	127 17 30	107 20 29	101 0.92 24	85 -0.74 22	75 -1.13 22
BP 240024 98240195 BP240024		BC 190531 BC 200071	109 85	99 86	100 83	102 80	109 81	110 76	84 80	101 77	87 80	106 -0.14 86	108 -0.35 83	96 3 80	99 11.7 86	100 -1.5 83	99 40 83	97 16.5 84	83 9 81	74 -11 80	99 10.8 81	111 -16.2 81	110 -6.2 80	102 15.9 82	87 -6 81	88 1 81	86 -0.48 80	111 0.74 80	105 0.56 80
BP 240029 98240229 BP240029		BC 190531 BP 210135	107 84	100 85	103 82	114 80	116 81	124 76	89 80	115 77	87 79	106 -0.13 85	102 -0.15 82	88 -7 80	100 12.3 85	103 -0.6 82	107 58 82	98 17.6 83	89 33 80	81 -19 79	111 17.6 81	116 -20.1 81	118 -7.8 80	105 17.7 82	90 -4 81	88 2 80	88 -0.30 79	106 0.48 79	105 0.56 79
BP 240032 98240237 BP240032		BA 150135 BC 200057	97 84	116 84	107 82	103 80	115 81	128 75	106 80	123 76	106 79	103 0.10 85	81 0.68 82	95 1 80	116 21.3 84	107 0.7 82	124 99 82	118 33.3 82	107 96 80	93 -31 79	118 21.2 81	122 -24.9 81	124 -8.8 79	93 10.6 82	122 14 80	112 25 80	110 1.83 79	115 0.99 79	132 2.11 79
BP 240035 98240252 BP240035		CM 180242 BC 190054	111 83	112 84	86 81	111 79	106 80	116 75	93 78	109 76	99 78	114 -0.84 84	87 0.45 81	91 -3 79	112 18.8 84	86 -5.3 81	103 50 81	108 25.3 82	100 71 79	99 -38 78	90 5.3 79	102 -8.9 80	116 -7.4 78	97 12.9 81	96 -1 79	98 11 79	100 0.88 78	106 0.47 78	110 0.88 78
BP 240037 98240260 BP240037		BA 150135 BC 170025	70 84	135 85	124 82	81 81	108 81	122 76	117 80	120 77	124 79	81 1.91 85	75 0.94 82	119 28 81	135 32.4 85	124 5.2 82	143 144 83	137 47.6 83	123 154 80	113 -53 79	136 31.9 81	119 -22.1 82	115 -7.1 79	89 8.1 82	141 25 80	129 41 80	119 2.74 79	115 0.96 79	135 2.28 79
BP 240041 98750540 BP 240041		BA 150135	97 47	102 48	122 42	94 35	111 36		97 24		96 23	107 -0.21 48	72 1.06 43	102 10 35	102 13.5 48	122 4.6 42	118 83 42	107 24.4 46	98 65 32	97 -35 14	107 15.3 40	121 -23.8 42	101 -4.2 25	107 19.3 42	127 17 30	107 20 29	101 0.92 24	85 -0.74 22	75 -1.13 22

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Index EBV Acc	Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name				Calv. Ease V	Calv Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
BP 240044		BC 190531		100	113	104	100	113	121	108	117	109	103	90	98	113	104	117	117	111	104		109	119	115	100	111	111	109	111	117
98240302		BP 210133		83	83	80	77	78	74	78	75	77	0.10	0.35	4	19.5	-0.3	81	32.0	113	-44	16.3	-22.1	-7.0	14.6	8	24	1.77	0.72	1.28	
BP240044														0.10	0.35	77	83	80	80	81	78	77	78	79	79	78	78	77	77	77	
BP 240046		BA 150135		102	101	119	99	104	113	94	107	97	112	70	98	101	119	116	105	98	96		106	114	101	97	123	108	97	95	98
6020408883		BP 200035		59	49	46	35	38	42	24	38	23	-0.62	1.12	5	12.4	3.9	79	22.5	64	-35	14.5	-18.7	-4.3	12.7	15	21	0.56	-0.16	0.21	
BP 240046													62	49	35	49	46	43	47	32	14	40	42	25	46	30	29	24	22	22	
BP 240048		BC 190531		91	120	108	98	115	125	105	120	109	95	91	100	120	108	126	121	107	102		118	109	122	106	103	109	111	103	108
98750490		BP 200031		84	84	81	80	80	75	80	76	79	0.76	0.32	7	23.4	0.9	104	35.0	98	-41	21.5	-14.4	-8.4	18.5	3	22	1.97	0.26	0.75	
BP 240048														84	82	80	84	81	82	82	80	79	81	80	79	82	81	80	79	79	79
BP 240053		BC 190531		67	112	119	95	101	101				69	86	102	112	119	126	111	85		100	99	104	100	93	90				
6020408891		BP 210029		58	47	35	11	24	33				2.87	0.50	9	18.8	4.0	103	27.7	19		11.3	-6.5	-4.9	15.0	-3	4				
BP 240053													61	46	11	47	35	31	44	27		34	26	10	35	34	32				
BP 240054		BC 190531		113	109	86	96	125	120	85	111	88	110	102	103	109	86	95	107	83	72		96	134	122	107	85	89	89	115	103
98240344		BP 130037		86	86	84	81	82	77	80	78	80	-0.53	-0.15	10	17.2	-5.3	30	24.7	9	-8	8.7	-33.8	-8.4	19.4	-7	3	-0.26	0.99	0.49	
BP240054														86	84	81	86	84	84	84	81	80	81	81	83	81	81	80	80	80	
BP 240058		BC 190531		94	122	80	84	130	116	100	110	102	93	104	118	122	80	98	125	103	100		114	138	130	105	97	100	102	102	104
98240369		BC 180038		85	85	83	80	81	76	80	77	80	0.89	-0.20	27	25.1	-7.0	37	38.1	82	-39	19.3	-36.8	-10.1	18.0	0	14	1.02	0.25	0.54	
BP240058														86	83	80	85	83	83	84	80	80	81	81	82	81	81	80	80	80	
BP 240061		BC 190531		96	112	102	95	105	108	98	102	97	96	100	103	112	102	111	112	99	93		111	98	109	104	101	100	98	111	106
98240385		BP 130387		66	59	52	13	33	42	28	39	14	0.66	-0.04	10	19.1	-1.0	68	28.5	67	-32	17.6	-6.0	-5.9	17.4	2	14	0.70	0.73	0.66	
BP240061													69	56	13	59	52	41	50	33	16	38	38	19	43	38	36	15	13	12	
BP 240066		BC 190531		103	97	106	92	111					106	88	106	97	106	97	98	86		102	105	104	116	97	90				
6020408909				47	47	35	11	23					-0.18	0.42	14	10.3	0.3	36	17.7	20		12.1	-11.4	-4.8	24.8	-1	4				
BP 240066													48	42	11	47	35	31	44	27		34	26	10	32	34	32				
BP 240067		BC 190531		100	112	95	96	109	110	93	104	96	94	121	102	112	95	106	111	93	83		111	101	116	104	98	98	95	104	106
98240435		BC 150014		85	85	83	80	81	76	80	77	79	0.82	-0.87	9	19.3	-2.9	57	27.2	45	-21	17.2	-8.5	-7.2	17.5	0	11	0.38	0.34	0.61	
BP240067														85	83	80	85	83	83	83	80	79	81	80	80	82	81	81	79	79	79
BP 240068		BC 190531		88	124	100	86	119	119	105	114	112	87	106	114	124	100	116	123	109	101		115	111	127	108	110	115	109	110	112
98240443		BC 160109		85	85	83	80	81	76	80	77	80	1.40	-0.27	23	25.9	-1.5	80	37.0	105	-41	19.7	-16.0	-9.5	19.6	7	28	1.71	0.68	0.98	
BP240068														85	83	80	85	83	83	83	81	80	81	81	80	82	81	81	80	80	80
BP 240069		BC 190531		82	122	86	88	113	103	103	99	109	88	88	112	122	86	105	121	105	101		115	109	121	102	108	109	105	115	113
98240450		BC 200066		85	86	83	81	82	76	81	77	80	1.36	0.43	21	25.0	-5.3	54	35.2	90	-40	19.8	-14.2	-8.3	15.8	6	22	1.31	1.01	1.02	
BP240069														86	83	81	86	83	83	84	81	80	82	82	81	83	82	82	80	80	80
BP 240071		BC 190531		114	93	88	112	106	103				117	84	90	93	88	84	93	74		90	103	104	108	77	76				
98240476		BP 130400		66	69	54	16	34	45				-1.08	0.58	-4	8.0	-4.9	4	13.8	-21		5.2	-9.5	-5.0	19.9	-12	-9				
BP240071													69	57	16	69	54	46	47	27		34	38	20	45	34	32				

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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
BP 240073 98240492 BP240073		BC 190531 BP 220132	84 82	131 83	104 79	84 77	109 78	116 73	128 77	117 74	124 76	91 1.07 83	84 0.59 80	116 26 77	131 30.2 83	104 -0.3 79	126 103 80	135 46.2 80	129 177 77	118 -58 76	111 17.6 78	109 -14.8 78	113 -6.8 77	99 14.2 79	124 16 78	127 39 78	122 3.04 76	105 0.42 76	124 1.66 76	
BP 240074 98240500 BP240074		BA 150135 BP 130332	103 88	116 88	99 86	89 84	106 85	110 79	120 83	109 80	114 83	104 0.01 88	96 0.10 86	110 19 84	116 21.5 88	99 -1.8 86	109 64 86	121 35.5 86	131 184 84	127 -69 82	109 16.2 84	110 -15.5 85	108 -5.6 83	98 13.5 86	108 6 84	111 24 84	114 2.27 83	99 0.06 83	108 0.74 83	
BP 240077 98240518 BP240077		BA 150135 BC 150053	112 83	106 84	68 81	113 79	108 79	104 74	88 78	97 75	88 77	109 -0.43 84	103 -0.18 81	91 -4 79	106 15.8 84	68 -10.5 81	81 -2 81	104 22.5 81	91 39 78	87 -25 77	91 6.2 79	124 -26.0 79	98 -3.7 77	101 15.1 81	87 -6 78	87 1 78	90 -0.13 77	104 0.31 77	109 0.81 77	
BP 240079 98240526 BP240079		BC 190531 BP 130344	111 66	100 69	98 54	110 21	116 35	120 46				113 -0.73 69	89 0.37 57	92 -2 21	100 12.1 69	98 -2.0 54	100 43 48	102 20.7 52	89 33 30		101 11.8 38	116 -19.7 39	113 -6.7 20	110 20.7 45	92 -3 38	90 4 36				
BP 240083 98240559 BP240083		BA 150135 BC 180001	85 85	124 86	112 83	85 81	101 82	110 76	122 80	110 77	124 80	94 0.87 86	78 0.83 83	114 23 81	124 26.1 86	112 1.9 83	126 104 83	128 40.8 83	122 153 80	108 -48 79	124 24.9 81	112 -16.5 82	98 -3.7 80	96 12.5 83	130 19 80	129 41 80	123 3.11 80	118 1.18 80	131 2.06 80	
BP 240089 98750318 BP240089		BC 190210	111 45	80 13	98 19							113 -0.73 51	91 0.31 25		80 0.5 13	98 -2.1 19							76 -0.2 16							
BP 240092 98240609 BP240092		BA 150135 BP 130346	103 88	115 89	99 87	90 84	105 85	110 79	118 84	109 80	113 83	104 -0.04 89	94 0.17 86	109 17 84	115 21.1 89	99 -1.8 87	109 64 87	121 35.0 87	130 180 84	127 -68 83	107 15.2 85	111 -16.1 86	109 -5.8 83	96 12.1 86	107 5 84	110 22 84	113 2.15 83	100 0.12 83	107 0.70 83	
BP 240094 98750326 BP240094		BC 190531 BP 210104	101 85	123 85	113 82	77 80	108 81	118 76	106 80	114 77	114 80	102 0.18 85	96 0.10 83	125 36 80	123 25.4 85	113 2.2 82	120 89 82	124 37.5 83	113 120 81	114 -54 80	125 25.6 81	106 -12.1 81	111 -6.3 80	104 17.1 82	111 8 81	111 24 81	110 1.81 80	115 1.00 80	110 0.84 80	
BP 240097 98253271 BP240097		BA 150135 BP 130343	104 65	104 68	120 57	109 35	104 43	123 50	100 34	117 47	96 30	109 -0.42 68	82 0.66 56	91 -3 35	104 14.3 68	120 4.3 57	124 99 53	108 25.5 49	105 91 37	97 -36 27	97 9.3 47	116 -19.7 50	101 -4.2 28	97 12.7 52	121 13 38	105 18 37	95 0.35 31	95 -0.19 29	106 0.61 28	
BP 240101 98240641 BP240101		BA 150135 BC 140042	91 66	118 59	139 57	85 37	106 40	128 48	115 24	125 43	122 24	97 0.58 69	85 0.55 56	112 21 37	118 22.6 59	139 9.7 57	143 142 51	123 36.6 54	122 153 32	117 -58 14	126 25.7 41	111 -15.8 46	112 -6.4 25	95 11.5 50	140 24 31	130 41 30	120 2.81 24	108 0.55 23	124 1.65 22	
BP 240302 98240658 BP240302		BC 200303 BP 210327	112 81	101 82	100 79	120 77	100 78	117 73	93 77	110 74	92 77	114 -0.82 82	90 0.32 79	82 -14 77	101 12.9 82	100 -1.5 79	109 63 79	101 20.1 80	92 44 77	83 -21 77	93 6.9 77	110 -15.1 78	102 -4.5 77	92 10.1 79	92 -3 77	94 8 77	99 0.72 77	102 0.21 77	107 0.70 77	
BP 240303 98240666 BP240303		BP 210307	96 80	127 81	98 79	80 77	100 78	106 72	131 77	108 73	129 77	102 0.16 81	82 0.65 78	122 32 77	127 27.8 81	98 -2.1 79	114 75 79	131 43.0 79	134 194 77	123 -64 77	123 24.4 77	104 -10.7 78	111 -6.3 77	86 6.4 78	133 20 77	131 43 77	127 3.53 77	101 0.16 77	130 1.98 77	

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ID Number Name																														
BP 240306		BA 150135		84	116	112	99	113	121	96	114	101	94	74	98	116	112	127	120	99	91	101	129	116	91	115	107	104	108	126
98240682		BP 210325		85	85	83	81	82	76	80	77	80	0.85	0.98	5	21.4	2.1	106	34.2	70	-29	11.8	-30.3	-7.3	8.9	10	20	1.26	0.56	1.77
BP240306													85	83	81	85	83	83	84	81	80	82	82	80	83	81	81	80	80	80
BP 240307		BP 210304		115	82	99		105				73	116	92		82	99	81	82	78	86	92	109		110	98	82	77	81	42
6020409071				26	18	17		9				14	-0.97	0.27		1.8	-1.6	-3	5.4	-8	-24	6.6	-14.2		21.3	1	-4	-1.41	-1.01	-3.00
BP 240307													28	17		18	17	13	14	14	16	17	6		20	17	16	15	13	12
BP 240311		BA 150135		89	113	87	98	96	92	102	89	103	88	104	101	113	87	101	111	110	109	104	102	97	95	100	100	106	98	103
98240724		BC 190220		82	83	80	78	79	74	77	75	77	1.30	-0.20	8	19.5	-5.1	43	27.8	107	-49	13.6	-9.4	-3.4	11.7	1	14	1.47	0.02	0.46
BP240311													83	80	78	83	80	80	80	78	76	78	79	77	80	78	77	77	77	77
BP 240316		BC 190531		86	103	116	96	98	100				90	93	101	103	116	114	103	91		104	95	106	96	95	96			
98240757		BP 210303		60	49	38	11	24	35				1.16	0.24	9	13.8	3.2	76	21.1	39		13.3	-3.7	-5.2	12.4	-1	10			
BP240316													64	48	11	49	38	33	44	27		34	27	10	36	34	32			
BP 240322		BC 190531		89	118	98	88	116	112	104	107	106	96	83	112	118	98	110	119	107	100	114	108	124	105	96	103	106	105	109
98240799		BC 160519		86	86	83	81	82	77	81	78	80	0.69	0.61	21	22.5	-1.9	66	33.8	97	-39	19.3	-14.0	-8.9	18.0	-1	16	1.48	0.41	0.79
BP240322													86	84	81	86	83	83	84	81	80	82	82	81	83	82	81	80	80	80
BP 240325		BC 190531		109	114	94	88	113	114	96	108	100	110	92	112	114	94	103	115	100	95	117	110	117	106	100	102	105	109	
98240823		BC 180203		86	86	84	81	82	77	82	78	81	-0.53	0.27	21	20.3	-3.0	50	30.9	71	-33	21.0	-15.0	-7.5	18.3	1	15	1.04	0.37	0.78
BP240325													86	84	81	86	84	84	84	82	81	82	82	81	83	82	82	81	81	81
BP 240326		BC 190531		91	107	100	96	107	102				93	96	102	107	100	105	108	85		98	104	110	103	92	89			
98240831		BC 180246		62	64	47	11	25	40				0.91	0.12	9	16.3	-1.5	54	25.4	16		10.0	-10.8	-6.1	16.4	-3	3			
BP240326													65	51	11	64	47	41	46	27		34	28	10	38	34	32			
BP 240501		BC 200303		109	107	89	97	105	105	96	99	100	107	101	101	107	89	96	108	100	92	98	116	110	89	101	103	105	108	103
98240872		BP 210634		82	82	79	77	78	73	77	74	77	-0.27	-0.10	8	16.4	-4.6	33	25.4	72	-31	9.7	-20.3	-6.1	8.2	2	17	1.34	0.58	0.48
BP240501													83	79	77	82	79	79	80	77	77	77	78	77	79	77	77	77	77	77
BP 240502		BC 200303		131	96	102	108	98	114	91	107	92	127	100	93	96	102	99	96	93	86	95	114	93	92	88	93	96	100	100
98240880		BP 210624		82	83	80	78	79	74	78	75	78	-1.92	-0.05	-1	10.0	-0.8	40	16.3	47	-24	8.1	-18.3	-2.6	9.9	-6	6	0.50	0.09	0.28
BP240502													83	80	78	83	80	80	81	78	78	78	79	78	80	78	78	78	78	78
BP 240503		BC 200303		118	95	102	99	100	104				122	83	99	95	102	96	96	100		102	111	96	96	93	97			
98865058		BP 210640		56	47	34	15	26	34				-1.48	0.63	5	9.5	-0.9	32	16.2	70		12.2	-16.0	-3.2	12.4	-3	11			
BP 240503													61	38	15	47	34	32	37	17		19	29	16	34	19	19			
BP 240505		BC 200303		110	96	119	94	108	113	100	108	96	115	81	103	96	119	108	100	102	94	100	123	108	93	101	100	99	97	105
98240906		BP 210613		81	82	79	77	78	73	76	74	76	-0.89	0.70	11	9.6	3.9	61	18.8	80	-33	11.0	-25.8	-5.6	10.5	2	13	0.78	-0.08	0.57
BP240505													82	79	77	82	79	79	80	77	76	77	78	77	79	77	77	76	76	76
BP 240507		BC 200303		96	109	109	90	94	99			103	96	100	108	109	109	112	110	108	114	113	96	97	95	102	104	100	121	97
98240922		BP 200501		57	60	39	8	22	36				0.67	-0.06	16	17.5	1.1	69	26.8	102	-54	18.4	-4.0	-3.4	11.4	3	17	0.81	1.33	0.13
BP240507													63	38	8	60	39	36	46	13	16	16	22	8	35	17	15	14	12	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																														
BP 240509				104	117	91	110	111	124	104	119	105	100	110	92	117	91	113	117	104	95	118	121	119	90	121	109	109	99	119
98240948			BP 210626	80	81	78	77	78	72	76	73	76	0.32	-0.46	-2	22.1	-4.0	74	32.5	85	-34	21.1	-24.2	-7.9	8.7	13	22	1.69	0.08	1.39
BP240509													81	78	77	81	78	79	79	77	76	77	78	78	77	77	76	76	76	
BP 240510				104	112	70	96	110	98	92	92	92	100	112	104	112	70	86	113	91	84	98	102	118	103	87	89	95	99	104
98240955			BC 190531 BC 180556	84	84	81	79	79	75	79	76	78	0.37	-0.51	11	19.3	-9.7	8	29.1	39	-21	9.9	-9.3	-7.7	16.6	-6	3	0.39	0.08	0.54
BP240510													84	82	79	84	81	81	82	79	78	80	79	78	81	80	80	78	78	78
BP 240512				106	117	95	87	118	118	103	113	107	106	97	113	117	95	106	117	103	97	114	111	127	106	99	108	103	103	115
98240971			BC 190531 BC 200538	85	85	82	80	81	76	80	77	79	-0.14	0.06	22	21.9	-2.9	56	32.3	85	-36	19.2	-15.8	-9.4	18.3	1	21	1.10	0.31	1.13
BP240512													85	83	80	85	82	82	84	80	79	81	81	80	82	81	81	79	79	79
BP 240516				83	118	103	97	119	120	106	116	108	88	89	100	118	103	121	116	111	102	106	120	130	97	106	109	110	112	117
98240997			CM 180242 BC 200541	83	84	81	78	79	74	78	75	78	1.31	0.37	8	22.8	-0.5	91	31.6	110	-41	14.7	-23.1	-10.0	13.1	5	22	1.85	0.79	1.26
BP240516													84	80	78	84	81	81	82	78	78	78	80	78	80	78	78	78	78	78
BP 240517		BA 150135		97	102	122	94	111		97		96	107	72	102	102	122	118	107	98	97	107	121	101	107	127	107	101	85	75
6020408974				47	48	42	35	36		24		23	-0.21	1.06	10	13.5	4.6	83	24.4	65	-35	15.3	-23.8	-4.2	19.3	17	20	0.92	-0.74	-1.13
BP 240517													48	43	35	48	42	42	46	32	14	40	42	25	42	30	29	24	22	22
BP 240518		BA 150135		97	102	122	94	111		97		96	107	72	102	102	122	118	107	98	97	107	121	101	107	127	107	101	85	75
6020409097				47	48	42	35	36		24		23	-0.21	1.06	10	13.5	4.6	83	24.4	65	-35	15.3	-23.8	-4.2	19.3	17	20	0.92	-0.74	-1.13
BP 240518													48	43	35	48	42	42	46	32	14	40	42	25	42	30	29	24	22	22
BP 240519		BC 190531		103	97	106	92	111					106	88	106	97	106	97	98	86		102	105	104	116	97	90			
6020408917				47	47	35	11	23					-0.18	0.42	14	10.3	0.3	36	17.7	20		12.1	-11.4	-4.8	24.8	-1	4			
BP 240519													48	42	11	47	35	31	44	27		34	26	10	32	34	32			
BP 240526				84	108	89	103	99	92	93	86	90	84	105	96	108	89	100	105	95	95	91	105	104	91	85	84	91	95	100
98241045			BP 210631	79	80	77	75	76	71	75	72	75	1.69	-0.27	2	16.6	-4.4	41	23.0	56	-34	6.1	-11.3	-4.8	9.4	-7	-2	-0.01	-0.17	0.32
BP240526													80	77	75	80	77	77	78	75	75	75	76	75	77	75	75	75	75	75
BP 240530				95	111	128	89	109	121	108	117	110	102	80	108	111	128	128	112	109	104	110	113	117	93	121	112	112	110	119
98241078			BA 150135 BC 180547	85	85	83	81	81	76	80	77	79	0.16	0.74	16	18.2	6.4	108	28.2	107	-43	16.5	-17.6	-7.4	10.6	14	25	2.03	0.68	1.37
BP240530													85	83	81	85	83	83	83	80	79	81	82	80	82	80	80	79	79	79
BP 240532				79	128	108	96	121	130	116	127	117	83	94	101	128	108	135	133	126	118	115	145	113	97	138	126	118	87	123
98241094			BA 150135 BC 200524	84	85	82	80	81	76	80	77	79	1.72	0.20	8	28.6	0.8	124	44.9	165	-58	19.6	-42.7	-6.7	12.9	23	38	2.60	-0.66	1.60
BP240532													85	82	80	85	82	82	82	80	79	81	81	79	82	80	80	79	79	79
BP 240535				84	127	104	97	115	125	114	122	118	85	100	100	127	104	130	130	119	111	120	129	111	100	129	123	121	121	133
98241110			BA 150135 BC 200502	84	85	82	80	81	76	80	77	79	1.55	-0.06	7	27.5	-0.4	112	42.3	141	-51	22.5	-30.1	-6.2	15.0	18	35	2.92	1.34	2.14
BP240535													85	82	80	85	82	82	83	80	79	81	81	79	82	80	80	79	79	79
BP 240537				117	106	97	101	114	120	108	116	105	121	82	97	106	97	103	105	108	98	104	137	109	92	116	110	106	103	111
98241128			BC 200577	81	82	79	77	78	73	77	74	77	-1.37	0.67	4	15.5	-2.3	50	22.8	100	-37	13.2	-36.8	-5.9	9.6	11	23	1.40	0.28	0.95
BP240537													82	79	77	82	79	79	80	77	77	77	78	78	77	77	77	77	77	77

Breeding Values and Accuracies: Cows

Green: >120 High
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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																															
BP 240538		BC 190531		100	107	111	85	100	101				99	101	115	107	111	108		106	100		111	91	107	101	104	106			
98241136		BC 210536		62	65	45	21	28	42				0.40	-0.11	24	16.2	1.6	60		23.7	72		17.2	-0.4	-5.5	15.6	4	19			
BP240538													66	50	21	65	45	44		54	27		34	33	14	38	34	32			
BP 240542		BC 190531		99	114	108	85	109	113	105	108	108	100	97	114	114	108	113		114	109	102	119	105	112	105	108	113	109	101	107
98239882		BC 190560		84	84	81	79	80	75	80	76	79	0.36	0.06	23	20.3	0.7	72		30.1	105	-42	22.2	-11.6	-6.5	18.1	6	26	1.73	0.17	0.72
BP240542													84	82	79	84	81	81		82	80	79	80	80	79	81	80	80	79	79	79
BP 240549		BC 190531		109	101	96	95	104	101				110	93	103	101	96	95		101	96		104	96	115	100	91	93			
98239924		BP 210637		62	56	44	21	29	40				-0.48	0.22	11	12.8	-2.6	29		20.0	56		13.6	-4.2	-7.0	14.9	-4	7			
BP240549													66	50	21	56	44	40		48	28		35	35	15	37	35	33			
BP 240550		BC 190531		101	117	102	96	118	125	96	118	100	97	111	101	117	102	117		119	97	87	104	117	118	107	99	104	105	98	106
98239932		BP 210656		83	84	81	79	80	75	79	76	78	0.61	-0.51	9	22.0	-0.9	83		33.9	61	-25	13.6	-20.8	-7.8	19.3	1	17	1.36	-0.01	0.62
BP240550													84	81	79	84	81	81		82	79	78	80	79	79	81	80	80	78	78	78
BP 240552		BC 190531		86	121	93	85	119	111	96	105	102	86	105	115	121	93	108		121	100	90	110	117	124	106	109	108	102	114	113
98239957		BC 170573		85	85	82	80	81	76	80	77	79	1.50	-0.24	25	24.4	-3.5	60		35.3	71	-28	16.8	-20.5	-8.9	18.7	7	21	1.01	0.92	1.03
BP240552													85	83	80	85	82	82		83	80	79	81	81	80	82	81	81	79	79	79
BP 240554		BC 190531		111	105	110	96	108	117	93	110	93	107	107	102	105	110	111		109	94	89	106	109	108	104	88	94	97	93	101
98239973		BC 180555		85	86	83	81	81	76	80	77	80	-0.28	-0.32	9	14.9	1.4	68		26.3	51	-27	14.5	-14.2	-5.7	17.4	-5	8	0.54	-0.33	0.36
BP240554													86	83	81	86	83	83		84	81	80	81	81	81	82	81	81	80	80	80
BP 240555		BC 190531		98	111	113	94	106	115				102	86	103	111	113	119		111	98		109	98	112	104	102	104			
98239981		BC 190547		62	65	48	13	27	41				0.15	0.49	10	18.5	2.2	88		27.6	66		16.4	-6.0	-6.4	17.1	2	17			
BP240555													65	51	13	65	48	42		52	27		34	30	10	40	34	32			
BP 240556		BC 190531		73	115	123	80	117	113	111	110	111	75	102	120	115	123	122		118	119	116	112	109	124	108	114	115	112	104	109
98239999		BC 150666		85	85	83	80	81	76	80	77	79	2.38	-0.14	30	20.9	5.0	95		33.0	141	-57	18.0	-14.2	-8.9	19.7	10	28	1.98	0.31	0.80
BP240556													85	83	80	85	83	83		83	80	79	81	80	80	82	81	80	79	79	79
BP 240562		BC 190531		100	121	107	88	112	122	95	115	105	94	116	110	121	107	121		120	100	95	118	108	114	108	100	104	106	109	109
98240047		BP 200582		84	84	81	79	79	75	79	76	78	0.80	-0.67	19	24.5	0.5	92		34.5	71	-33	21.2	-13.4	-6.8	19.9	2	17	1.46	0.63	0.81
BP240562													85	82	79	84	81	81		82	79	78	80	79	78	81	80	80	78	78	78
BP 240565		BC 190531		74	124	116	79	113	114	118	112	121	75	105	122	124	116	125		126	118	108	123	108	117	107	115	121	119	114	117
98241151		BC 180548		85	86	83	80	81	76	80	77	80	2.43	-0.25	32	26.2	3.1	102		38.8	137	-48	24.1	-13.6	-7.5	19.1	10	34	2.70	0.92	1.25
BP240565													86	83	80	86	83	83		84	81	80	81	81	80	82	81	81	80	80	80
BP 240566		BC 190531		106	107	90	103	111	111	83	102	90	105	100	96	107	90	99		106	87	82	98	119	110	99	81	89	93	103	101
98241169		BC 180513		84	85	82	80	81	76	80	77	79	-0.12	-0.04	3	16.2	-4.2	41		23.9	25	-20	9.8	-22.7	-6.1	14.2	-9	3	0.21	0.26	0.38
BP240566													85	82	80	85	82	82		83	80	79	80	81	79	82	80	80	79	79	79
BP 240572		BC 190531		92	116	115	86	113	118	107	114	105	94	95	112	116	115	121		117	105	96	101	111	114	107	93	105	105	101	103
98241193		BC 150560		85	86	83	80	81	76	80	77	80	0.81	0.16	21	21.1	2.7	90		32.3	89	-34	11.8	-16.3	-6.8	19.2	-3	18	1.39	0.19	0.46
BP240572													86	83	80	86	83	83		84	81	80	81	81	80	82	81	81	80	80	80

Breeding Values and Accuracies: Cows

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
BP 240574	98966831	BC 190531	BP 220617	117	106	97	90	111	113	100	108	104	117	92	108	106	97	99	109	104	98	111	108	114	105	99	104	105	106	110
BP240574				83	82	80	79	80	74	79	75	78	-1.11	0.26	17	15.8	-2.1	40	26.1	85	-37	17.5	-13.4	-6.8	17.9	1	17	1.31	0.48	0.84
													84	81	79	82	80	80	81	79	78	80	79	79	81	80	80	78	78	78
BP 240575	98241219	BC 190531	BC 200561	92	121	102	84	103	106	103	102	113	98	85	116	121	102	114	122	107	104	113	90	110	107	101	109	110	116	119
BP240575				84	85	82	80	80	75	80	76	79	0.53	0.53	26	24.2	-0.9	74	36.2	97	-44	18.3	0.6	-6.0	18.9	2	22	1.87	1.02	1.40
													85	82	80	85	82	82	83	80	79	81	81	79	81	81	80	79	79	79
BP 240576	98241227	BA 150135	BC 150529	117	123	101	98	107	131	112	127	113	122	76	100	123	101	124	130	113	107	109	118	106	97	127	116	118	96	128
BP240576				85	86	84	81	82	77	80	78	80	-1.52	0.89	7	25.4	-1.0	99	42.3	120	-46	16.0	-21.6	-5.2	12.9	17	28	2.63	-0.14	1.89
													86	83	81	86	84	84	84	81	79	81	82	80	83	81	80	80	80	80
BP 240581	98241250	BC 190531	BP 210644	102	110	99	99	116	118	100	113	96	105	88	99	110	99	109	110	97	87	109	117	117	107	95	96	99	106	110
BP240581				84	84	81	79	80	75	80	76	79	-0.09	0.43	6	17.8	-1.7	62	26.8	60	-25	16.2	-20.5	-7.5	18.9	-2	10	0.74	0.43	0.85
													84	82	79	84	81	81	82	80	79	81	80	79	81	81	80	79	79	79
BP 240592	98241326	BA 150135	BC 180585	116	108	113	91	114	126	115	123	111	117	90	107	108	113	115	114	117	107	109	131	108	99	125	117	114	102	115
BP240592				82	82	80	78	78	73	76	74	76	-1.07	0.34	15	16.8	2.4	76	29.7	134	-47	16.4	-31.6	-5.7	14.2	16	30	2.22	0.25	1.16
													83	80	78	82	80	80	80	77	76	78	78	76	80	77	77	76	76	76
BP 240596	98241359	BA 150135	BC 170531	111	117	100	87	110	117	114	115	115	111	95	113	117	100	109	115	115	105	123	115	117	94	119	118	113	112	115
BP240596				83	84	81	79	80	75	78	76	77	-0.59	0.14	22	21.7	-1.5	64	30.7	128	-45	24.5	-19.0	-7.6	11.3	12	30	2.11	0.82	1.13
													84	81	79	84	81	81	82	78	77	79	80	78	81	78	78	77	77	77
BP 240597	98241367	BA 150135	BC 150635	113	109	82	105	109	111	101	107	96	111	102	95	109	82	95	112	100	85	110	124	105	96	98	99	99	100	112
BP240597				83	84	82	79	80	75	78	76	77	-0.59	-0.13	1	17.2	-6.5	30	28.1	72	-23	16.8	-26.4	-5.2	12.4	0	12	0.78	0.13	0.95
													84	81	79	84	82	82	82	78	77	79	80	78	81	78	78	77	77	77
JB 244318	98358278	BOS 200463	JB 220006	96	120	95	90	121	120	106	115	117	96	100	109	120	95	111	124	113	105	108	120	124	107	113	121	118	118	120
JB 244318				86	85	83	81	82	76	81	77	81	0.66	-0.06	17	23.6	-2.9	67	37.5	121	-44	15.9	-22.8	-8.9	19.0	9	33	2.63	1.13	1.41
													86	84	81	85	83	83	84	81	81	82	82	83	81	81	81	81	81	81
OBS 240162	97622732	BOS 200505	BC 170552	98	122	106	90	104	117	119	115	119	96	105	108	122	106	122	119	119	109	104	114	99	100	111	120	119	100	108
OBS 24 162				83	84	81	79	80	75	78	76	78	0.65	-0.23	16	24.6	0.4	95	34.1	141	-49	13.6	-18.6	-4.0	14.5	8	33	2.76	0.13	0.78
													84	81	79	84	81	81	82	79	78	79	80	79	81	79	79	78	78	78
OBS 240178	97622781	BOS 200505	BC 170525	114	115	91	98	104	114	118	112	112	107	117	101	115	91	106	114	117	107	108	113	100	100	96	108	110	106	107
OBS 24 178				84	84	82	79	80	75	80	76	79	-0.27	-0.72	8	20.6	-3.9	57	29.5	136	-47	15.4	-17.6	-4.0	14.7	-1	21	1.88	0.43	0.68
													85	81	79	84	82	82	82	79	79	80	80	79	82	80	80	79	79	79
BP 250002	98834856	BOS 200463	BP 220156	106	112	89	109	123	127	93	119	103	101	112	93	112	89	105	112	101	100	108	124	123	108	97	103	106	124	106
BP250002				85	86	83	81	82	76	80	77	80	0.23	-0.53	-1	19.0	-4.5	55	28.6	77	-39	15.7	-26.0	-8.8	19.5	0	16	1.40	1.51	0.66
													86	83	81	86	83	83	84	81	80	81	82	82	81	81	80	80	80	80
BP 250011	98834880	BOS 200463	BP 130363	105	122	89	89	116	118	116	116	123	100	123	111	122	89	107	123	120	111	118	101	121	113	105	122	120	126	108
BP250011				85	85	83	80	81	76	80	77	80	0.36	-0.98	20	25.0	-4.6	59	36.8	144	-51	21.2	-8.6	-8.2	23.1	4	34	2.81	1.62	0.77
													86	83	80	85	83	83	83	80	80	80	81	80	82	80	80	80	80	80

Breeding Values and Accuracies: Cows

Green: >120 High
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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																															
BP 250014 98855000 BP250014	 	BOS 200463	BC 190033	124 85	111 85	71 83	100 80	102 81	104 76	82 80	95 77	91 80	120 -1.37 86	103 -0.18 83	99 6 80	111 18.2 85	71 -9.5 83	86 9 83	109 26.2 83	85 19 80	80 -17 80	108 15.7 81	90 0.7 81	105 -5.1 80	109 20.3 82	81 -10 81	91 4 81	98 0.67 80	105 0.42 80	99 0.26 80	
BP 250025 98855018 BP250025	 	BP 220164	BC 190039	105 81	111 82	102 79	113 76	103 77	121 73	106 76	117 74	102 76	109 -0.44 82	85 0.53 78	89 -5 76	111 18.6 82	102 -0.7 79	118 85 79	112 28.6 79	114 124 76	115 -56 76	103 12.7 77	108 -13.4 77	108 -5.7 76	94 11.1 78	98 0 77	97 11 77	99 0.71 76	108 0.57 76	104 0.54 76	
BP 250027 98834955 BP250027	 	BP 210146	BC 200071	104 84	112 85	94 81	96 79	114 80	115 75	98 79	109 76	107 79	104 0.01 85	98 0.03 81	102 10 79	112 19.3 85	94 -3.1 81	105 55 82	108 25.2 82	107 99 79	112 -53 79	100 11.4 79	120 -23.4 80	116 -7.2 79	99 13.9 81	101 2 79	100 13 79	105 1.38 79	115 0.98 79	114 1.12 79	
BP 250028 98834963 BP250028	 	BC 190531	BP 210135	85 85	122 85	101 82	90 80	119 81	118 76	105 80	114 77	109 80	85 1.61 86	105 -0.24 83	109 17 80	122 25.1 85	101 -1.1 82	118 86 82	121 35.3 84	109 106 80	102 -41 80	113 18.7 81	111 -16.0 81	127 -9.5 80	106 18.6 82	105 4 81	111 24 81	108 1.63 80	105 0.40 80	109 0.84 80	
BP 250030 98834989 BP250030	 	BC 190531	BP 220159	75 85	127 85	112 82	79 81	123 81	120 76	103 80	115 77	111 80	79 2.11 86	96 0.12 83	123 33 81	127 27.7 85	112 1.9 82	124 99 83	130 42.3 84	103 82 81	94 -32 80	113 18.5 82	117 -20.6 82	131 -10.4 80	106 18.7 82	111 8 81	111 24 81	111 1.93 80	113 0.89 80	118 1.32 80	
BP 250031 98834997 BP250031	3  	BP 210146	BC 190035	67 84	133 84	116 81	86 79	95 79	108 75	119 78	107 76	128 78	74 2.49 85	86 0.50 81	113 22 79	133 31.3 84	116 3.1 81	139 134 81	131 42.9 81	127 171 78	125 -66 78	123 24.1 79	89 1.0 79	104 -4.8 78	97 13.0 80	124 15 78	126 38 78	125 3.30 78	117 1.12 78	116 1.23 78	
BP 250032 98835002 BP250032	 	BP 220664	BP 220193	79 82	118 83	121 80	94 78	127 79	132 74	109 78	128 75	108 78	84 1.69 83	92 0.27 80	103 10 78	118 22.7 83	121 4.5 80	134 121 80	123 37.0 81	109 105 78	100 -40 78	100 11.1 79	135 -35.1 79	127 -9.4 78	105 17.9 80	118 12 78	112 24 78	114 2.26 78	95 -0.21 78	113 1.03 78	
BP 250035 98835028 BP250035		BC 190531	BP 220163	93 64	108 66	104 47	100 25	113 33	113 44	88 22	105 40	90 12	98 0.51 67	87 0.47 52	98 5 25	108 16.7 66	104 -0.2 47	111 69 46	109 25.8 54	88 29 31	81 -19 7	102 12.3 40	114 -18.2 39	112 -6.4 17	106 18.4 43	91 -4 37	91 5 35	91 0.01 12	102 0.23 12	104 0.55 11	
BP 250040 98865017 BP250040		BA 150135	BC 200017	79 64	126 66	137 53	83 35	120 41	136 48	113 30	132 44	124 27	86 1.46 67	83 0.64 53	116 25 35	126 27.0 66	137 8.9 53	146 151 51	128 40.5 49	122 151 34	122 -63 22	125 25.2 44	126 -28.0 49	121 -8.4 26	102 16.0 49	150 30 35	137 49 34	118 2.61 28	102 0.24 26	115 1.18 25	
BP 250044 99184756 BP250044	 	BOS 200463	BP 220188	103 85	121 86	91 83	91 81	119 82	122 76	100 80	116 77	114 80	98 0.51 86	113 -0.59 83	108 16 81	121 24.5 86	91 -3.9 83	110 66 83	119 34.0 84	108 102 81	102 -42 80	123 24.3 81	101 -8.6 82	130 -10.2 81	112 22.4 83	106 5 81	115 28 81	113 2.16 80	118 1.16 80	109 0.83 80	
BP 250046 99184772 BP250046		BOS 200463	BP 210125	94 58	114 61	104 44	89 19	110 29	110 40			107 14	93 0.93 61	104 -0.22 47	110 19 19	114 20.3 61	104 -0.2 44	112 70 41	113 29.1 44	106 93 20	108 -48 10	110 16.8 22	95 -3.8 29	118 -7.7 21	109 20.4 38	113 9 22	116 28 21	107 1.51 15	97 -0.09 14	83 -0.69 13	
BP 250053 99184814 BP250053		BOS 200463	BC 170063	107 65	108 56	83 46	105 21	116 33	113 42			89 14	105 -0.06 68	105 -0.23 56	95 1 21	108 16.7 56	83 -6.3 46	94 29 41	106 24.0 47	88 30 20	84 -22 10	96 9.0 22	114 -18.6 32	125 -9.1 24	100 14.8 42	89 -5 22	94 8 21	91 -0.05 15	108 0.55 14	100 0.30 13	

Breeding Values and Accuracies: Cows

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Value <80 Value >120

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Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																															
BP 250055		BOS 200463		113	100	95	108	114	116	92	109	92	110	105	93	100	95	97		103	102	103	92	110	118	105	77	88	94	108	92
99184822		BP 130346		68	70	57	27	40	49	30	45	24	-0.51	-0.24	-1	12.2	-2.9	35		21.5	79	-43	6.5	-15.3	-7.7	17.8	-12	2	0.23	0.55	-0.16
BP250055													70	59	27	70	57	51		55	30	25	35	43	28	48	36	34	26	23	22
BP 250056		BOS 200463		111	102	99	91	116	111			104	110	100	108	102	99	96		102	104	103	110	104	119	114	107	111	105	97	89
6020734726		BP 200037		61	51	46	19	30	39			14	-0.48	-0.07	16	13.0	-1.8	32		20.8	86	-42	16.9	-10.5	-7.8	23.2	6	24	1.35	-0.06	-0.34
BP250056													64	51	19	51	46	39		46	20	10	22	31	21	38	22	21	15	14	13
BP 250058		BOS 200463		126	115	76	114	101	118	112	115	112	121	107	90	115	76	99		117	114	108	112	94	99	108	109	111	116	101	115
99184830		BP 220190		84	84	81	79	80	75	78	76	79	-1.37	-0.32	-5	20.7	-8.2	39		32.3	121	-48	17.7	-3.1	-3.8	19.9	6	24	2.39	0.16	1.16
BP250058													85	82	79	84	81	81		82	79	78	79	80	79	81	79	79	79	79	79
BP 250067		PR 210150		107	124	82	95	112	118	122	117	126	102	124	104	124	82	107		120	126	118	111	119	111	102	117	126	123	117	114
99184921		BP 210102		83	84	81	79	79	74	78	75	78	0.20	-1.02	11	26.1	-6.5	59		34.1	168	-59	17.2	-22.5	-6.2	16.0	11	38	3.15	1.11	1.08
BP250067													84	80	79	84	81	81		80	79	78	78	80	78	80	78	78	78	78	78
BP 250072		PR 210150		106	124	85	100	106	116	115	114	115	100	116	99	124	85	112		120	117	112	112	96	116	101	115	115	115	100	113
99808768		BP 230031		86	86	84	83	83	77	82	78	82	0.35	-0.71	6	25.8	-5.6	70		34.5	135	-52	17.7	-4.7	-7.2	15.4	10	28	2.32	0.10	1.02
BP250072													87	84	83	86	84	84		83	82	82	82	83	82	84	82	82	82	82	82
BP 250075		BP 210146		111	120	98	81	118	121	116	119	121	104	117	121	120	98	108		116	122	119	109	122	121	101	130	124	127	98	117
99808784		BC 150026		84	84	81	79	79	75	78	76	78	-0.03	-0.73	31	23.7	-2.0	61		31.6	153	-60	16.3	-24.3	-8.2	15.7	19	36	3.52	0.01	1.26
BP250075													85	81	79	84	81	81		81	78	78	79	79	78	80	79	79	78	78	78
BP 250076		BP 210146		87	115	82	104	118	109	97	103	96	87	104	96	115	82	101		113	102	100	105	126	121	98	93	91	96	106	104
99808792		BP 130037		84	85	82	79	80	75	79	76	79	1.44	-0.22	2	20.6	-6.5	44		28.8	81	-39	14.1	-28.1	-8.2	13.7	-3	5	0.47	0.48	0.55
BP250076													85	82	79	85	82	82		81	79	79	79	80	79	82	79	79	79	79	79
BP 250080		PR 210150		106	104	91	124	103	116	111	113	104	100	122	77	104	91	107		104	115	116	101	105	103	101	99	100	106	102	111
99808818		BP 210133		83	84	81	79	80	75	78	76	78	0.35	-0.94	-19	14.6	-3.8	59		22.5	127	-56	11.7	-11.6	-4.6	15.4	1	13	1.49	0.24	0.94
BP250080													84	81	79	84	81	81		80	79	78	79	80	79	80	79	79	78	78	78
BP 250083		PR 210150		92	130	102	88	114	124	122	123	131	87	119	111	130	102	126		126	128	124	124	113	119	102	134	133	128	110	125
99808842		BP 230008		83	84	81	79	80	75	78	76	79	1.41	-0.79	19	29.2	-0.8	102		39.5	174	-65	24.9	-17.7	-7.9	16.2	21	44	3.60	0.72	1.69
BP250083													84	81	79	84	81	81		80	79	78	79	80	79	81	79	79	79	79	79
BP 250089		BP 210146		112	117	85	87	119	115	103	111	111	109	132	114	117	85	97		115	110	108	97	110	132	102	111	110	112	104	113
99802027		BP 220133		82	82	80	78	79	74	78	75	78	-0.38	-1.33	23	21.8	-5.7	36		30.6	110	-48	9.4	-14.9	-10.6	16.0	8	23	2.06	0.35	1.05
BP250089													83	80	78	82	80	80		79	78	78	78	79	80	80	78	78	78	78	78
BP 250090		BP 210146		115	122	81	103	103	116	114	114	114	108	117	96	122	81	107		118	116	111	112	95	114	98	114	114	114	98	112
99802035		BC 180559		86	85	84	82	83	77	82	78	82	-0.30	-0.73	3	24.6	-6.9	59		33.2	130	-51	17.8	-3.8	-6.9	13.4	9	26	2.21	-0.02	0.98
BP250090													87	84	82	85	84	84		83	82	82	82	83	82	84	82	82	82	82	82
BP 250096		PR 210150		110	114	96	94	98	107			113	104	113	104	114	96	107		111	115	117	111	93	106	96	116	117	110	99	100
99802092		BP 230309		58	61	40	24	27	40			10	0.00	-0.58	12	20.0	-2.7	59		27.3	127	-58	17.1	-2.0	-5.3	12.2	11	29	1.84	0.06	0.29
BP250096													63	40	24	61	40	42		35	15	6	17	25	18	37	17	16	11	10	10

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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	
BP 250302	98835036 BP250302	BOS 200463 BP 210314	81 86	122 86	102 83	89 82	119 82	116 77	93 82	109 78	106 81	82 1.80	102 -0.13	110 18	122 24.7	102 -0.9	118 84	124 37.4	99 70	92 -30	111 17.6	113 -17.5	124 -8.9	109 20.3	106 5	113 25	106 1.49	122 1.40	112 0.96
BP 250306	98835069 BP250306	OBS 200098	117 52	78 55	89 35	130 14	86 25	89 35				116 -0.97	99 -0.02	70 -27	78 -0.6	89 -4.4	76 -15	76 0.3	64 -60		67 -7.8	96 -4.5	83 -0.6	91 9.3	67 -18	62 -23			
BP 250312	98835085 BP250312	BC 190531 BP 210325	78 85	123 85	102 82	83 80	111 81	107 76	102 80	102 77	108 80	81 1.88	96 0.11	118 28	123 25.5	102 -0.8	116 79	125 38.4	105 90	98 -37	113 18.3	112 -16.5	116 -7.3	100 14.7	100 2	107 20	105 1.31	115 1.00	111 0.91
BP 250314	99184970 BP250314	BOS 200463 BP 230301	123 86	115 86	92 84	109 82	128 83	144 77	106 82	138 78	112 81	117 -1.07	110 -0.47	93 -1	115 20.9	92 -3.7	112 69	120 34.2	112 115	102 -41	108 15.4	131 -31.4	131 -10.3	107 19.3	116 11	119 31	117 2.54	96 -0.11	112 0.99
BP 250315	99184988 BP250315	BOS 200463 BP 210326	76 86	136 86	90 84	78 82	121 83	114 77	119 82	113 78	131 81	74 2.53	128 -1.14	126 37	136 33.1	90 -4.2	115 78	138 48.7	129 176	123 -64	119 22.0	106 -12.2	134 -10.9	109 20.1	121 14	132 43	133 4.06	115 1.00	115 1.16
BP 250316	99184996 BP250316	BOS 200463 BP 210307	81 85	116 86	97 83	84 81	118 82	105 76	102 80	101 77	108 81	83 1.72	99 -0.02	117 26	116 21.5	97 -2.1	106 55	117 32.0	109 106	104 -43	88 4.4	110 -15.6	126 -9.2	106 18.2	98 0	109 22	110 1.86	113 0.88	106 0.64
BP 250324	99808875 BP250324	BP 210146 BP 210320	85 83	130 84	101 80	79 79	113 79	114 74	115 78	112 75	119 78	82 1.86	116 -0.67	124 34	130 29.3	101 -1.0	119 86	129 41.3	118 136	108 -48	115 19.5	111 -16.2	124 -8.9	96 12.4	132 20	125 37	121 2.87	99 0.07	126 1.74
BP 250325	99808883 BP250325	BC 190531 BP 140346	98 85	115 85	94 83	91 80	111 81	110 76	105 80	106 77	106 79	99 0.46	98 0.03	107 16	115 20.8	94 -3.0	106 56	116 31.4	109 104	105 -45	121 23.3	99 -7.0	120 -8.0	106 18.7	99 1	103 16	103 1.19	111 0.75	106 0.66
BP 250326	99808891 BP250326	PR 210150 BP 210327	124 83	109 83	72 80	122 79	109 79	120 74	107 78	116 75	105 78	118 -1.15	109 -0.42	82 -14	109 17.5	72 -9.3	92 24	106 23.8	107 97	102 -42	108 15.4	110 -15.1	111 -6.4	101 15.5	106 5	105 18	108 1.65	99 0.07	101 0.35
BP 250327	6020567522 25 0327	BP 220303	107 23	91 25	108 14	108 7	79 14				107 -0.25	96 0.08	93 -1	91 6.8	108 0.9	99 39	90 10.9			90 0.5	92 -2.4	73 -1.8							
BP 250502	98835093 BP250502	BOS 200463 BP 220658	100 86	123 86	90 83	92 81	123 82	124 77	101 81	118 78	109 81	94 0.85	120 -0.84	107 15	123 25.2	90 -4.2	111 68	120 34.4	107 96	98 -37	114 18.9	119 -22.1	127 -9.6	108 19.9	114 10	118 31	112 2.00	106 0.47	109 0.83
BP 250509	98835119 BP250509	BOS 200463 BC 200538	109 85	115 86	87 83	94 81	130 82	127 76	96 80	120 77	106 80	104 -0.02	110 -0.44	104 12	115 20.8	87 -4.9	102 47	114 29.8	104 88	102 -41	98 9.7	116 -20.1	142 -12.5	112 22.2	92 -3	109 22	103 1.17	106 0.46	105 0.60

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																															
BP 250510		BOS 200463		96	126	96	96	118	127			115	93	110	102	126	96	122		127	113	109	112	108	126	108	114	121	116	108	103
98855109		BP 220656		63	65	49	27	35	45			14	0.90	-0.45	9	27.1	-2.4	94		40.2	121	-49	18.0	-13.3	-9.2	20.0	10	34	2.41	0.59	0.45
BP250510													66	52	27	65	49	47		56	20	10	22	39	23	42	22	22	15	14	13
BP 250512		BOS 200463		105	116	106	103	123	136	108	131	113	102	106	95	116	106	123		117	116	108	116	111	131	111	110	119	116	108	109
98855083		BP 210626		86	86	83	81	82	77	80	78	80	0.14	-0.29	2	21.3	0.2	95		32.5	129	-48	20.3	-16.1	-10.3	21.7	7	32	2.48	0.56	0.80
BP250512													86	84	81	86	83	83		84	81	80	81	82	81	83	81	81	80	80	80
BP 250515		BOS 200463		97	129	103	80	127	131	116	128	124	92	122	123	129	103	120		129	123	116	117	115	142	106	121	129	121	112	111
98855091		BC 190539		85	85	83	80	81	76	80	77	80	0.97	-0.93	33	29.0	-0.7	88		41.3	155	-57	20.5	-19.2	-12.6	18.6	14	41	2.89	0.83	0.91
BP250515													85	83	80	85	83	83		83	80	79	80	81	80	82	80	80	80	80	80
BP 250516		BOS 200463		101	126	95	82	114	117	100	112	112	98	107	120	126	95	112		123	108	100	112	103	119	110	108	115	120	110	117
98835135		BP 200507		86	86	83	81	82	77	80	78	80	0.51	-0.34	30	26.9	-2.8	69		36.7	102	-40	17.7	-10.0	-8.0	21.3	6	28	2.81	0.70	1.26
BP250516													86	84	81	86	83	83		84	81	80	81	81	81	83	81	81	81	80	80
BP 250520		BOS 200463		96	128	97	96	130	138	106	132	118	94	106	102	128	97	124		131	114	107	123	122	141	108	121	123	118	115	117
98835168		BP 210602		86	86	84	82	83	77	82	78	81	0.83	-0.31	9	28.1	-2.3	99		42.7	121	-46	24.1	-25.1	-12.4	19.9	14	36	2.65	1.01	1.24
BP250520													87	84	82	86	84	84		84	82	81	82	83	82	84	82	82	81	81	81
BP 250521		BP 220700		111	115	112	84	117	126	119	124	118	114	84	116	115	112	116		119	118	104	110	127	120	97	136	127	114	101	125
99185035		BP 220637		81	82	79	78	78	73	78	74	77	-0.86	0.56	25	20.6	1.9	79		33.6	139	-43	16.9	-28.3	-8.2	12.8	22	39	2.28	0.18	1.70
BP250521													82	79	78	82	79	80		80	78	77	78	78	77	79	78	78	77	77	77
BP 250526		BA 150135		101	126	97	86	107	116	131	117	129	103	91	114	126	97	117		125	137	135	136	109	111	98	129	126	125	129	120
98835200		BP 200501		82	83	80	78	78	74	77	75	76	0.08	0.29	23	27.2	-2.2	81		38.5	206	-77	31.8	-14.8	-6.2	13.5	18	38	3.35	1.81	1.45
BP250526													83	80	78	83	80	80		81	77	76	78	79	76	80	77	77	77	76	76
BP 250529		BP 210146		67	133	98	81	105	101	117	100	122	64	85	121	133	98	120		132	124	122	102	87	122	102	110	116	123	106	113
98835234		BC 160687		84	84	81	78	79	75	78	76	78	3.35	0.54	31	31.0	-2.0	89		43.7	160	-63	12.4	2.4	-8.5	15.9	7	28	3.13	0.44	1.05
BP250529													85	81	78	84	81	81		80	78	78	78	79	78	80	78	78	78	78	78
BP 250530		BP 210146		101	108	100	110	106	115	100	110	102	106	85	91	108	100	110		104	102	100	95	99	112	104	88	94	104	96	101
98835242		BC 177407		83	83	80	78	79	74	78	75	77	-0.12	0.55	-3	16.5	-1.5	67		22.1	80	-39	8.1	-6.5	-6.5	17.1	-5	8	1.28	-0.13	0.36
BP250530													84	80	78	83	80	80		80	78	77	78	78	78	80	78	78	77	77	77
BP 250531		BC 190531		72	126	100	75	111	101	109	98	115	76	96	130	126	100	112		126	114	113	122	106	119	103	113	113	113	112	113
98835259		BP 220683		84	85	82	80	81	76	80	77	79	2.31	0.10	42	27.3	-1.3	70		39.1	122	-54	23.4	-12.4	-7.8	16.4	9	25	2.17	0.81	1.05
BP250531													85	82	80	85	82	82		83	80	79	81	81	79	82	81	80	79	79	79
BP 250535		BC 190531		98	121	95	89	118	119	106	115	106	104	81	111	121	95	112		122	104	98	111	107	126	108	96	102	105	106	113
98835267		BP 220690		85	85	82	80	81	76	80	77	79	-0.03	0.68	20	24.3	-2.7	69		36.2	88	-37	17.5	-13.1	-9.2	19.8	-1	16	1.31	0.45	1.04
BP250535													85	83	80	85	82	82		84	80	79	81	81	80	82	81	81	79	79	79
BP 250536		BC 190531		107	117	87	105	115	122	99	116	103	107	98	95	117	87	108		118	103	101	112	108	122	106	90	97	102	96	107
98835275		BP 220652		84	84	82	80	80	75	80	76	79	-0.21	0.04	1	22.1	-5.2	61		32.7	82	-40	18.0	-14.0	-8.5	18.5	-5	11	1.07	-0.13	0.72
BP250536													85	82	80	84	82	82		82	80	79	81	80	79	82	81	80	79	79	79

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	
BP 250537		BA 150135		104	105	110	110	111	124	94	117	97	108	86	91	105	110	117		110	98	91	102	128	111	92	119	106	98	108	121
98835283		BP 210634		63	64	52	38	41	48	24	43	23	-0.32	0.51	-3	15.2	1.4	83		26.5	64	-30	12.3	-29.1	-6.2	9.8	12	19	0.62	0.59	1.51
BP250537													66	51	38	64	52	51		50	32	14	40	49	27	47	30	29	24	22	22
BP 250541		BA 150135		94	112	115	103	117	129	103	123	103	100	84	95	112	115	127		117	109	103	106	138	107	101	128	115	103	83	111
98835317		BC 200524		64	66	54	36	42	49	31	45	28	0.34	0.59	2	18.9	2.9	105		31.9	105	-42	14.4	-37.0	-5.5	15.3	18	28	1.16	-0.91	0.94
BP250541													67	53	36	66	54	52		50	36	24	44	49	28	50	36	35	29	27	26
BP 250542		BP 210146		75	130	94	88	104	104	117	103	125	78	98	112	130	94	119		127	127	124	126	99	111	101	120	123	127	105	118
98835325		BC 190560		83	83	80	78	79	74	78	75	78	2.15	0.01	21	29.6	-3.1	87		39.5	170	-65	25.9	-6.4	-6.3	15.2	13	35	3.46	0.39	1.31
BP250542													84	80	78	83	80	80		80	78	78	78	79	78	80	78	78	78	78	78
BP 250543		BOS 200463		89	129	94	91	118	122	108	118	118	95	84	108	129	94	120		132	113	100	111	117	117	110	122	130	123	105	114
99185050		BP 230508		85	86	83	81	82	76	81	77	81	0.76	0.58	16	29.0	-3.1	89		43.6	120	-39	17.6	-20.7	-7.5	20.8	14	42	3.10	0.39	1.08
BP250543													86	83	81	86	83	83		84	81	81	82	82	81	83	81	81	81	81	81
BP 250544		BOS 200463		103	114	88	98	122	120			103	100	107	100	114	88	103		114	102	95	101	122	121	110	100	106	105	108	100
99185068		BP 230501		64	66	49	27	35	45			14	0.33	-0.34	8	20.3	-4.8	49		30.1	79	-34	11.9	-24.9	-8.4	21.0	2	19	1.32	0.56	0.31
BP250544													67	52	27	66	49	47		54	22	10	23	40	24	42	23	23	15	14	14
BP 250547		BOS 200463		103	113	98	94	117	118	106	114	110	96	118	104	113	98	108		114	107	95	110	108	124	107	115	118	112	114	109
99185084		BP 230516		86	86	83	81	82	77	81	78	81	0.65	-0.79	12	19.4	-1.9	62		29.6	97	-33	16.6	-13.8	-9.0	19.4	10	31	2.00	0.92	0.80
BP250547													86	84	81	86	83	83		84	81	81	81	82	81	83	81	81	81	81	81
BP 250550		BOS 200463		106	115	88	89	117	113	99	107	108	102	109	111	115	88	99		114	107	99	105	114	119	108	105	115	117	98	101
99185100		BC 190557		85	86	83	80	81	76	80	77	80	0.18	-0.41	20	20.8	-4.8	41		29.5	97	-38	14.1	-18.6	-7.8	19.7	4	28	2.50	-0.01	0.38
BP250550													86	83	80	86	83	83		83	80	80	81	82	80	82	81	80	80	80	80
BP 250552		BOS 200463		116	103	94	113	128	134	95	126	98	109	122	89	103	94	102		102	101	97	92	127	133	107	90	99	102	98	103
99185118		BC 150529		86	86	84	81	82	77	80	78	80	-0.42	-0.93	-5	14.0	-3.2	46		20.6	77	-36	6.5	-28.5	-10.7	18.9	-5	13	1.08	-0.02	0.46
BP250552													86	84	81	86	84	84		84	81	80	81	82	81	83	81	81	80	80	80
BP 250555		BOS 200463		117	108	78	99	120	114	99	109	101	114	104	101	108	78	88		106	104	101	104	108	133	107	95	99	102	110	112
99185134		BP 210637		85	85	83	80	81	76	80	77	80	-0.79	-0.20	8	16.6	-7.7	13		23.5	87	-40	13.6	-14.0	-10.6	19.0	-2	12	1.08	0.69	0.96
BP250555													85	83	80	85	83	83		83	80	80	81	81	80	82	81	80	80	80	80
BP 250556		BOS 200463		118	115	79	98	116	118	106	114	112	119	90	101	115	79	96		110	113	113	107	115	118	107	117	111	110	129	115
99185142		BC 200502		82	83	80	76	78	73	76	74	76	-1.23	0.34	8	20.6	-7.4	32		27.1	119	-53	15.4	-18.9	-7.8	19.1	11	24	1.80	1.80	1.16
BP250556													83	80	76	83	80	80		80	77	76	77	78	76	79	77	77	76	76	76
BP 250558		BOS 200463		111	115	79	107	106	112	104	108	105	104	119	94	115	79	99		113	106	102	100	111	97	109	102	104	107	100	107
99185159		BP 210624		84	85	82	80	81	76	79	77	79	0.02	-0.82	0	20.8	-7.4	40		28.8	93	-42	10.9	-15.9	-3.4	20.1	3	17	1.58	0.13	0.69
BP250558													85	82	80	85	82	82		82	79	79	79	81	79	82	79	79	79	79	79
BP 250566		BP 210146		87	110	104	103	105	108				89	97	95	110	104	115		109	103		94	105	110	99	98	97			
99185217		BC 178019		59	46	35	11	20	32				1.25	0.06	2	17.8	-0.2	77		26.0	84		7.9	-11.5	-6.0	14.3	0	10			
BP250566													64	42	11	46	35	31		30	14		17	21	5	35	17	16			

Breeding Values and Accuracies: Cows

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

Inbreeding in red is high										Value <80				Value >120		Breeding values with an accuracy < 5% are not printed														
Animal				Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass			
Index EBV Acc	% Inbreeding	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																														
BP 250567 99185225 BP250567		BP 210146	BC 150560	89 84	126 85	113 81	87 79	114 79	125 75	120 78	123 76	119 78	91 1.09 85	96 0.11 81	112 21 79	126 27.2 85	113 2.2 81	130 113 82	125 38.5 81	124 161 79	116 -57 78	107 14.9 79	109 -14.5 80	124 -8.8 78	101 15.3 80	125 16 79	125 37 79	118 2.61 78	105 0.37 78	115 1.13 78
BP 250570 99808917 BP250570		BP 220696	BC 200568	132 82	94 83	67 80	118 77	113 78	109 73	89 78	102 74	83 77	128 -2.01 83	100 -0.06 79	86 -8 77	94 8.4 83	67 -10.7 80	68 -34 80	92 12.9 80	90 36 78	83 -20 77	90 5.6 78	120 -22.8 78	117 -7.4 77	98 13.4 79	88 -5 78	84 -2 78	88 -0.34 77	112 0.83 77	104 0.53 77
BP 250571 99808925 BP250571		BP 210146	BC 140544	81 84	116 84	79 81	101 78	112 79	100 75	94 78	94 76	95 78	84 1.62 85	94 0.19 81	98 5 78	116 21.6 84	79 -7.4 81	99 39 81	115 30.6 80	95 55 78	87 -25 78	92 6.6 79	125 -27.0 79	109 -5.9 78	99 13.9 80	90 -4 79	90 4 79	105 1.36 78	92 -0.36 78	102 0.39 78
BP 250573 99808933 BP250573		BC 190531	BP 200582	104 84	111 85	100 82	81 79	107 80	103 75	98 80	98 76	101 79	104 -0.02 85	97 0.07 82	120 30 79	111 18.3 85	100 -1.5 82	101 43 82	114 29.7 82	100 74 80	94 -33 79	105 13.7 80	100 -7.5 80	108 -5.7 79	108 19.9 81	88 -6 80	101 14 80	102 1.09 79	104 0.34 79	106 0.62 79
BP 250582 99808990 BP250582		BP 220711	BC 210516	100 82	97 83	92 79	109 78	99 78	96 73	94 78	90 74	92 77	103 0.10 83	92 0.26 79	92 -1 78	97 10.6 83	92 -3.7 79	92 23 80	96 16.1 79	96 57 77	89 -27 77	103 13.0 78	120 -22.8 78	89 -1.9 77	93 10.6 79	91 -4 78	91 5 78	95 0.35 77	104 0.34 77	96 0.06 77
BP 250583 99809006 BP250583		BP 220680	BC 150666	107 82	111 82	111 80	87 77	117 78	123 73	115 77	120 74	115 77	108 -0.30 83	96 0.11 80	112 21 77	111 18.5 82	111 1.8 80	113 74 80	113 29.0 79	121 148 77	117 -57 77	100 10.9 77	125 -27.1 78	118 -7.6 77	101 15.5 79	114 10 77	118 30 77	114 2.23 77	108 0.57 77	112 1.00 77
BP 250584 99809014 BP250584		BP 210146	BC 170588	92 83	110 84	89 81	101 78	120 79	111 74	100 78	106 75	102 78	95 0.78 84	94 0.17 80	97 4 78	110 17.7 84	89 -4.5 81	101 44 81	108 25.4 80	104 87 78	100 -39 78	106 14.8 78	120 -23.4 79	127 -9.4 78	101 15.4 80	103 3 78	101 15 78	98 0.67 78	115 1.00 78	111 0.92 78
BP 250585 99809022 BP250585		BP 220700	BC 190547	89 81	120 82	127 80	95 78	108 78	128 73	110 78	124 74	115 77	99 0.39 82	70 1.13 79	101 9 78	120 23.4 82	127 6.1 80	141 138 80	121 35.6 79	115 126 77	108 -47 77	106 14.6 78	114 -18.5 78	114 -6.8 77	94 11.0 79	122 14 77	120 32 77	116 2.45 77	111 0.74 77	123 1.58 77
BP 250587 99809030 BP250587		BC 190531	BP 230514	98 85	113 85	96 83	84 81	109 81	103 76	99 80	98 77	105 80	103 0.11 85	85 0.55 83	117 26 81	113 19.7 85	96 -2.7 83	101 45 83	113 29.2 83	101 77 81	95 -34 80	102 12.1 81	99 -6.5 82	117 -7.5 80	105 17.8 82	105 4 81	105 18 81	104 1.25 80	108 0.58 80	106 0.63 80
BP 250591 99809063 BP250591		BP 210146	BC 170552	93 82	130 83	105 79	74 76	103 77	110 73	126 76	111 74	131 76	95 0.78 83	97 0.06 79	132 43 76	130 29.8 83	105 -0.1 79	118 85 79	131 43.3 78	133 190 76	123 -64 76	115 19.9 76	109 -14.6 77	106 -5.2 76	96 12.1 78	131 20 76	133 45 76	127 3.51 76	108 0.57 76	122 1.53 76
BP 250593 99809089 BP250593		BP 220688	BC 180559	121 82	96 80	85 80	130 78	103 78	116 73	90 78	108 74	80 77	116 -1.01 82	107 -0.35 80	70 -27 78	96 9.9 80	85 -5.6 80	95 29 79	96 16.0 80	90 35 78	85 -23 77	83 1.3 78	112 -17.2 78	97 -3.4 78	100 15.0 79	75 -13 78	77 -9 78	86 -0.54 77	89 -0.53 77	100 0.27 77
BP 250594 99809097 BP250594		BP 210146	BC 190565	86 84	124 84	90 81	100 79	109 80	113 75	106 79	109 76	113 79	94 0.86 85	79 0.76 81	98 5 79	124 25.9 84	90 -4.1 81	117 82 81	121 35.3 80	115 128 79	118 -58 79	94 7.5 79	105 -11.6 80	120 -8.2 79	97 13.0 81	100 1 79	106 19 79	116 2.46 79	109 0.61 79	116 1.18 79

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
BP 250598 99833287 BP250598		BC 190531	BC 170525	130 85	104 83	96 82	92 80	103 81	112 75	109 80	109 76	108 79	126 -1.84 85	100 -0.06 83	107 15 80	104 14.6 83	96 -2.5 82	97 35 82	108 25.1 82	112 117 80	108 -48 79	117 20.9 81	95 -3.7 80	110 -6.1 80	103 16.4 82	108 6 81	109 22 81	111 1.92 79	105 0.38 79	113 1.01 79
BP 250602 99802126 BP250602		BP 210146	BC 180555	110 83	109 83	116 79	92 77	105 78	119 73	105 77	114 74	108 77	107 -0.27 84	106 -0.28 80	106 13 77	109 17.1 83	116 3.0 79	118 84 80	112 28.1 79	117 133 77	117 -57 77	106 14.3 77	109 -14.2 78	105 -5.2 77	100 14.8 79	117 11 77	111 24 77	110 1.81 77	101 0.17 77	115 1.13 77
BP 250606 99802159 BP250606		BP 220680	BP 210656	96 82	118 82	98 79	91 78	121 78	120 73	111 78	117 74	115 77	99 0.44 83	91 0.30 79	108 17 78	118 22.6 82	98 -2.0 79	112 70 80	119 33.7 79	115 128 78	109 -49 77	114 19.0 77	129 -30.3 78	125 -9.0 77	99 13.9 79	123 15 77	119 32 77	117 2.50 77	111 0.77 77	122 1.52 77
BP 260002 6020753205 BP260002		BOS 200463	BP 230123	102 64	115 58	98 46	94 20	118 33	121 42			106 14	100 0.32 67	104 -0.21 52	105 12 20	115 21.1 58	98 -2.0 46	111 67 41	116 31.5 54	103 85 24	95 -34 10	114 19.2 28	109 -14.2 38	123 -8.7 22	111 21.7 40	99 1 28	110 23 27	108 1.64 15	106 0.48 14	103 0.44 13
BP 260006 6020753247 BP260006		BC 190531	BP 210114	98 63	106 56	99 45	95 17	113 30	109 40	92 21	102 36	94 8	101 0.27 66	92 0.26 51	104 11 17	106 15.7 56	99 -1.6 45	103 49 39	108 25.5 48	94 51 28	92 -31 9	101 11.5 35	112 -16.5 35	120 -8.2 16	100 14.6 38	96 -1 35	96 10 33	91 -0.03 8	101 0.14 7	110 0.86 6
BP 260008 6020753254 BP260008		BOS 200463	BP 230132	91 64	121 59	90 48	96 20	120 34	118 42			106 14	88 1.33 67	110 -0.46 53	103 10 20	121 24.0 59	90 -4.2 48	111 67 42	120 34.3 54	101 77 24	93 -32 10	108 15.9 28	109 -14.3 38	128 -9.7 22	110 21.2 41	96 -1 28	108 21 27	110 1.79 15	106 0.48 14	107 0.69 14
BP 260009 6020753262 BP260009		BOS 200463	BP 220120	103 64	116 57	97 46	106 27	115 34	126 43	97 20	119 38	108 16	96 0.63 67	121 -0.87 52	94 0 27	116 21.4 57	97 -2.2 46	116 81 43	114 29.7 50	105 90 25	100 -39 13	105 14.0 28	107 -12.9 38	121 -8.2 23	108 19.9 40	103 3 28	112 25 27	112 2.01 17	111 0.73 15	108 0.74 15
BP 260011 6020753270 BP260011		BC 190531	BP 220156	93 64	115 58	101 44	94 24	114 32	115 42				94 0.84 67	98 0.02 52	104 12 24	115 20.7 58	101 -1.2 44	113 72 42	115 30.6 54	105 89 27		115 19.4 34	114 -18.5 39	119 -7.9 17	102 16.1 39	106 5 35	108 21 32			
BP 260013 6020753296 BP260013		BOS 200463	BP 230631	95 64	118 55	104 46	91 26	121 34	123 42	105 20	118 38	110 18	96 0.64 67	97 0.06 53	107 15 26	118 22.3 55	104 -0.4 46	116 80 42	121 35.1 51	107 99 26	97 -36 12	109 16.2 31	118 -21.8 36	125 -9.1 24	107 19.2 42	109 7 28	115 28 27	114 2.19 19	112 0.80 18	114 1.09 17
BP 260014 6020753304 BP260014		BC 190531	BP 220168	117 59	92 49	105 39	94 11	103 23	102 34				116 -1.01 62	97 0.07 48	103 11 11	92 7.5 49	105 0.0 39	93 25 33	93 13.6 44	87 26 27		102 12.2 34	98 -6.1 26	104 -5.0 10	104 17.4 34	95 -1 34	93 6 32			
BP 260015 6020753312 BP260015		BP 210121		94 50	102 30	108 33	110 23	96 24	105 29			92 14	95 0.72 54	97 0.07 35	92 -2 23	102 13.5 30	108 0.8 33	112 70 29	104 21.9 26	98 64 18	100 -39 11	100 10.9 23	109 -14.2 28	106 -5.2 16	81 3.2 28	111 8 18	102 15 17	89 -0.27 14	89 -0.55 13	105 0.59 13
BP 260026 6020753387 BP260026		BC 190531	BP 210108	96 63	109 56	104 45	89 17	109 30	107 40				97 0.59 66	97 0.06 51	109 18 17	109 17.5 56	104 -0.2 45	107 60 39	109 26.4 48	96 58 27		109 16.2 34	113 -17.7 36	113 -6.6 17	98 13.9 37	94 -2 34	97 11 32			

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Green: >120 High
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Animal			Selection Values								Birth		Wean				Growth			Fertility				Frame		Carcass				
Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling	
ID Number Name																														
BP 260037 6020753460 BP260037		BP 210146 BP 220193	79 60	115 53	114 37	99 16	114 25	118 36				85 1.54 65	85 0.52 41	98 5 16	115 20.8 53	114 2.4 37	127 105 35	114 29.8 41	106 94 14		104 13.3 17	109 -14.2 31	119 -8.0 9	105 17.6 34	102 3 17	104 17 16				
BP 260038 6020753478 BP260038		BP 210146 BP 210136	88 60	118 55	106 41	108 24	108 31	122 40			110 14	95 0.72 65	82 0.67 44	93 -1 24	118 22.7 55	106 0.2 41	127 105 40	119 33.9 40	113 119 18	109 -49 11	109 16.4 22	111 -16.5 36	113 -6.6 18	98 13.6 38	116 11 18	112 25 17	111 1.93 14	113 0.89 13	120 1.42 13	
BP 260501 6020753486 BP260501		BOS 200463 BP 210610	79 64	120 58	108 48	94 30	108 36	111 44			112 14	76 2.29 67	114 -0.60 53	104 12 30	120 23.5 58	108 0.8 48	124 98 45	118 33.2 53	110 108 20	107 -46 10	110 16.7 22	94 -2.9 41	117 -7.5 25	107 19.2 42	112 8 22	119 31 22	112 2.08 15	109 0.61 14	104 0.55 13	
BP 260502 6020753494 BP260502		BOS 200463 BP 230614	112 64	111 58	87 47	95 24	120 35	118 43			105 14	111 -0.60 67	98 0.03 53	103 11 24	111 18.7 58	87 -5.1 47	98 38 43	111 27.2 54	102 81 20	96 -35 10	102 12.4 22	113 -17.4 40	128 -9.7 23	107 18.9 42	99 1 22	108 21 22	109 1.69 15	112 0.79 14	107 0.67 13	
BP 260503 6020753502 BP260503		PR 210150 BP 230606	99 61	116 54	93 42	91 25	105 33	106 40			112 10	95 0.75 65	111 -0.49 45	108 16 25	116 21.4 54	93 -3.4 42	106 56 40	114 30.1 40	113 120 16	110 -50 7	109 16.1 17	101 -7.9 38	115 -7.1 21	97 13.1 41	108 6 17	112 24 17	110 1.87 11	105 0.40 10	108 0.76 10	
BP 260510 6020753536 BP260510		BOS 200463 BP 230605	99 64	118 59	98 48	92 24	123 36	124 43			115 16	96 0.64 67	108 -0.37 54	106 14 24	118 22.6 59	98 -2.1 48	113 72 44	117 32.2 55	114 124 23	110 -50 13	112 17.8 24	113 -17.6 40	134 -10.9 25	107 19.2 43	109 7 24	118 30 24	116 2.44 17	110 0.68 15	109 0.83 15	
BP 260511 6020753544 BP260511		BP 210146 BC 177407	76 59	113 49	106 41	102 8	103 22	105 34				82 1.79 64	87 0.47 43	96 3 8	113 19.8 49	106 0.3 41	120 89 33	110 27.1 32				100 -7.4 24	106 -5.2 8	104 17.0 34						
BP 260517 6020753577 BP260517		BC 190531 BP 230627	89 65	120 58	111 46	89 23	114 33	119 42	100 22	114 38	107 12	96 0.71 68	82 0.66 53	109 18 23	120 23.5 58	111 1.7 46	123 97 42	122 35.8 54	103 82 32	95 -34 7	117 21.0 40	114 -18.6 40	116 -7.4 18	103 16.5 42	112 8 37	110 23 35	107 1.58 12	111 0.75 12	118 1.34 11	
BP 260519 6020753585 BP260519		BC 190531 BP 210314	87 62	110 54	119 44	90 21	113 30	115 40	93 22	108 36	97 12	94 0.80 65	82 0.68 51	108 16 21	110 17.7 54	119 3.9 44	120 90 40	113 28.9 50	94 51 31	89 -27 7	111 17.5 40	112 -16.7 34	112 -6.4 17	109 20.1 40	106 5 37	102 15 35	98 0.68 12	103 0.28 12	97 0.11 11	
BP 260521 6020859663 BP260521		BC 190531 BP 230644	92 61	117 54	108 37	88 15	108 26	113 37			109 5	97 0.62 65	89 0.39 48	111 19 15	117 22.1 54	108 0.9 37	118 84 35	119 33.9 46	108 102 28	100 -39 5	114 19.0 35	104 -10.6 34	118 -7.7 10	99 14.0 35	110 7 35	111 24 32	111 1.90 5	103 0.28 5		
BP 260526 6020753635 BP260526		BC 190531 BC 190536	98 65	103 57	95 49	98 20	99 31	95 42	89 20	89 38	90 8	98 0.48 68	98 0.00 54	100 7 20	103 14.0 57	95 -2.9 49	97 35 42	104 21.9 50	90 37 28	88 -26 8	97 9.5 35	91 -0.1 36	107 -5.5 18	101 15.4 40	89 -5 35	91 5 33	89 -0.25 8	107 0.50 7	101 0.37 6	
BP 260528 6020753643 BP260528		BC 190531 BC 180547	107 65	99 57	109 48	89 19	106 30	104 41				106 -0.15 68	100 -0.06 54	109 18 19	99 11.4 57	109 1.0 48	100 42 41	98 17.8 51	90 36 27		102 12.1 34	98 -5.9 35	116 -7.2 15	100 15.0 40	90 -4 34	92 6 32				

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Index EBV Acc	% Inbreeding	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk V	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass Value	Birth wt dir	Birth mat	Mature wt	Wean wt	Wean mat	Cow-Calf Ratio (Wean)	Postwean wt	ADG	FCR	Scrotal Circ.	Heifer Fertility	Cow Fertility	Longevity	Height	Length	EMA	Fat	Marbling
ID Number Name																													
BP 260530 6020753668 BP260530		BC 190531 BP 200547	98 60	105 49	107 40	93 11	107 24	107 35				101 0.26 63	91 0.30 49	105 12 11	105 15.0 49	107 0.6 40	108 60 33	105 23.2 44	95 53 27		104 13.5 34	102 -9.0 26	109 -5.9 10	106 18.3 36	99 1 34	98 11 32			
BP 260531 6020753676 BP260531		PR 210150 BP 230357	121 58	106 49	87 37	94 20	110 28	110 36			106 10	116 -0.96 63	110 -0.43 41	105 13 20	106 15.5 49	87 -5.2 37	91 22 35	105 23.0 34	107 98 21	104 -44 7	109 16.2 24	105 -11.2 28	110 -6.0 19	110 21.3 37	104 4 24	106 19 23	109 1.71 11	96 -0.14 10	85 -0.53 10
BP 260533 6020753692 BP260533		BC 190531 BP 210613	92 65	113 59	103 49	92 27	116 34	114 44	96 22	108 40	98 12	95 0.77 68	92 0.26 54	107 15 27	113 19.7 59	103 -0.5 49	112 69 45	115 30.8 54	97 61 32	90 -28 7	107 14.9 40	117 -20.6 40	119 -7.9 21	104 17.2 42	97 0 38	99 12 36	98 0.67 12	105 0.40 12	107 0.72 11
BP 260534 6020753700 BP260534		BC 190531 BP 220671	106 62	100 56	105 40	96 17	105 31	105 39	92 27	99 37	96 15	108 -0.30 66	92 0.24 49	102 9 17	100 12.1 56	105 -0.1 40	101 45 38	101 19.7 52	96 56 31	99 -38 17	107 15.2 38	108 -13.4 38	109 -5.9 15	97 13.1 39	98 0 39	98 12 36	96 0.46 16	101 0.19 14	103 0.47 13
BP 260540 6020753742 BP260540		PR 210150 BP 230149	106 61	114 55	91 43	95 20	106 32	109 40			112 12	99 0.39 66	118 -0.76 45	103 11 20	114 20.2 55	91 -3.9 43	104 52 39	112 28.3 40	113 119 23	106 -46 10	114 19.2 26	102 -8.8 36	109 -5.9 19	104 17.4 40	105 5 26	110 23 25	110 1.86 13	120 1.27 12	109 0.81 12
BP 260541 6020753759 BP260541		BC 190531 BC 190539	100 65	107 57	115 48	88 23	106 31	110 42				99 0.45 68	103 -0.17 53	110 18 23	107 16.0 57	115 2.7 48	113 72 43	108 24.9 49	94 51 27		104 13.6 34	103 -9.9 37	115 -7.1 18	97 12.8 39	98 0 34	99 12 32			
BP 260543 6020753775 BP260543		PR 210150 BP 220692	109 60	110 52	87 38	103 22	101 32	106 38	109 21	103 35	108 18	103 0.11 65	115 -0.66 42	96 2 22	110 18.1 52	87 -5.1 38	100 43 37	108 25.5 38	112 116 21	114 -54 18	106 14.8 24	106 -12.4 36	103 -4.7 20	95 11.4 39	105 4 24	107 20 23	111 1.95 19	103 0.25 17	107 0.72 17
BP 260549 6020753791 BP260549		BP 210146 BP 220637	101 55	107 43	101 29	98 8	107 18	109 29				102 0.13 60	95 0.16 36	100 7 8	107 15.9 43	101 -1.2 29	106 56 27	106 23.7 29				106 -12.2 19	112 -6.5 5	100 14.7 29					
BP 260550 6020753809 BP260550		BP 210146 OBS 200098	93 53	112 54	84 40	114 16	105 29	108 36				95 0.77 57	96 0.12 41	89 -5 16	112 19.3 54	84 -5.8 40	103 50 37	108 25.4 39	101 75 22		91 6.2 23	101 -8.5 35	103 -4.7 15	108 19.6 37	93 -3 21	95 8 21			
BP 268003 6020753858 BP268003		BC 190531 BP 220179	101 49	103 49	111 39	91 11	108 23	108 33				104 -0.01 50	89 0.39 44	106 14 11	103 13.6 49	111 1.8 39	107 59 33	104 21.8 44	92 43 27		106 14.4 34	105 -11.5 26	110 -6.1 10	105 17.7 34	98 0 34	97 11 32			

Selection List on Cow Value

Bulls 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Myostatin Horned / Polled nt821 Q204X F94L Genomic tested	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
										★★★★★★				
1	BP 240023	BP 240023	BA 150135	BC 200017	0.0									
2	BP 240100	BP240100	BC 190531	BP 200068	0.0	HH	0	0	0	6.4				
3	BP 240308	BP240308	BA 150135	BC 180291	0.0	HH	0	0	0	6.4				
											★★★★★			
1	BP 210105	BP210105	BA 150135	BP 130047	0.0									
2	BP 220628	BP220628	BA 150135	X 111049	0.0									
3	BP 230116	BP230116	BC 190531	BP 130047	0.0	HH	0	0	0	6.4				
4	BP 230121	BP230121	BA 150135	BP 130332	0.0	HH	0	0	0	6.4				
5	BP 230141	BP230141	BC 200088	BC 190039	0.0	HH	0	0	0	6.4				
6	BP 230613	BP230613	X 120105	BC 150666	0.0									
7	BP 240052	BP240052	BC 190531	BC 200086	0.0	HH	0	0	0	6.4				
8	BP 240059	BP240059	BC 190531	BP 130396	0.0	HH	0	0	0	6.4				
9	BP 240095	BP240095	BA 150135	BC 140134	0.0	HH	0	0	0	6.4				
10	BP 240521	BP240521	BC 190531	BC 200556	0.0	HH	0	0	0	6.4				
11	BP 240563	BP240563	BC 190531	BC 180580	0.0	HH	0	0	0	6.4				
											★★★★★			
1	BC 190531	BC190531	TG 160084	BC 177464	0.0	HH	0	0	0	6.4				
2	BP 210146	BP210146	CM 180242	BC 180030	0.0	HH	1	0	0	6.4				
3	BP 230122	BP230122	BC 190531	BP 130387	0.0	HH	0	0	0	6.4				
4	BP 230609	BP230609	BC 190531	BC 180585	0.0	HH	0	0	0	6.4				
5	BP 230626	BP230626	BC 190531	BC 150635	0.0	HH	0	0	0	6.4				
6	BP 240062	BP240062	BC 190531	BC 180077	0.0	HH	0	0	0	6.4				
7	BP 240084	BP240084	BC 190531	BC 180018	0.0	HH	0	0	0	6.4				
8	BP 240324	BP240324	BC 190531	BP 220301	0.0	HH	0	0	0	6.4				
9	BP 240523	BP240523	BC 190531	BC 160687	0.0	HH	0	0	0	6.4				
10	BP 240531	BP240531	BA 150135	BC 190511	0.0	PcH	0	0	0	6.4				
11	BP 240533	BP240533	BA 150135	BC 177407	0.0	HH	0	0	0	6.4				
12	BP 240551	BP240551	BC 190531	BC 200505	0.0	HH	0	0	0	6.4				

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										
											★★★★★																	
13	BP	240553	BP240553	BC 190531	BC 190565	0.0	HH	0	0	0		80	85	119	85	105	82	101	80	115	81	119	76	102	80	114	77	
14	BP	240557	BP240557	BC 190531	BP 220605	0.0	HH	0	0	0		103	85	117	86	97	83	90	81	111	82	114	76	116	80	112	77	
15	CM	190201	CM19201	X 120105	CM 150244	0.0	HH	1	0	0		107	87	121	86	92	84	89	82	111	83	116	77	109	81	112	78	
16	PR	210150	PR 210150	BOS 088471	PR 120027	0.0					103	84	125	85	75	64	96	37	109	50	111	60	127	23	112	53		
											★★★★☆																	
1	BP	220696	BP220696		BC 150553	0.0	HH	0	0	0		115	83	104	84	75	81	101	79	106	80	100	75	101	79	96	76	
2	BP	230127	BP230127	BC 190531	BP 140346	0.0	HH	1	0	0		96	85	120	85	84	83	89	80	113	81	108	76	111	80	106	77	
3	BP	230355	BP230355	BC 190531	BC 180203	0.0	HH	0	0	0		110	85	105	86	93	83	97	81	112	82	109	76	92	81	103	77	
4	BP	230615	BP230615	X 120105	BC 180555	0.0	HH	1	0	0		101	85	119	85	100	83	81	80	106	82	108	76	108	80	105	77	
5	BP	230639	BP230639	BC 180540	BC 180512	0.0	HH	0	0	0		110	82	109	82	87	79	109	77	94	78	104	73	99	78	99	74	
6	BP	230640	BP230640	BC 190531	BC 170529	0.0	PcH	0	0	0		109	84	112	85	99	82	87	79	105	80	109	75	97	80	103	76	
7	BP	230646	BP230646	BC 190531	BC 178022	0.0					117	62	96	61	102	46	96	11	106	26	106	39						
8	BP	240002	BP240002	BC 200303	BP 210126	0.0	HH	0	0	0		83	82	113	82	101	79	84	77	111	78	101	73	100	78	97	74	
9	BP	240055	BP240055	BC 190531	BP 200037	0.0	HH	0	0	0		88	84	111	84	108	81	80	79	114	80	106	75	111	80	103	76	
10	BP	240056	BP240056	BC 190531	BP 220123	0.0	HH	0	0	0		72	85	133	85	103	83	74	81	112	82	108	76	118	80	107	77	
11	BP	240086	BP240086	BA 150135	BC 180079	0.0	HH	0	0	0		99	83	115	84	99	81	89	79	107	80	108	75	108	78	105	76	
12	BP	240330	BP240330	BA 150135	BP 210305	0.0	HH	0	0	0		83	81	115	81	103	79	81	77	109	78	100	73	108	76	98	74	
13	BP	240332	BP240332	BC 190531	BP 220314	0.0	HH	0	0	0		91	85	121	85	90	82	88	81	114	81	109	76	106	80	105	77	
14	BP	240508	BP240508	CM 180242	BP 200507	0.0	HH	0	0	0		81	83	128	84	93	81	86	79	108	80	107	75	112	78	105	76	
15	BP	240546	BP240546	BC 190531	BP 220609	0.0	HH	0	0	0		76	85	113	85	102	82	89	81	114	81	103	76	100	80	98	77	
16	BP	240548	BP240548	BC 190531	BC 210502	0.0	HH	0	0	0		72	84	123	84	104	82	89	80	111	81	108	75	107	80	105	76	
17	BP	240570	BP240570	BC 190531	BC 190557	0.0	HH	0	0	0		96	85	114	85	97	82	94	80	109	81	109	76	102	80	104	77	
18	BP	240595	BP240595	BC 190531	BP 210610	0.0	HH	0	0	0		78	84	121	85	110	82	89	80	104	81	107	76	102	80	103	77	
											★★★★																	
1	BC	201049	BC201049	BC 171594	BC 141007	0.0					104	59	100	59	87	44	104	8	99	30	94	38						
2	BC	210510	BC210510	BC 170039	BC 177464	0.0					103	54	90	54	110	33	103	6	88	23	90	33	79	35	82	33		
3	BC	222059	22 2059	BC 191561	X 130063	0.0					109	59	96	62	77	48	108	8	99	31	90	40						
4	BP	218020	BP 218020		BC 180077	0.0					112	31	90	32	99	34	117	18	88	20	95	25						

Selection List on Cow Value

Bulls 2 years and older

ID Name Sorted on ID		Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
5	BP 230104	BP230104	X 120105	BC 180001	0.0	HH	0	0	0		96 85	117 85	88 83	84 80	96 81	91 76	118 79	91 77
6	BP 230109	BP230109	X 120105	BC 200066	0.0	HH	1	0	0		95 84	100 85	104 82	88 80	105 81	95 76	96 80	90 77
7	BP 230502	BP230502		BP 200507	0.0						107 50	93 32	108 29	101 9	85 17	90 26		
1	BP 210107	BP 210107		BC 170063	0.0						120 52	83 29	89 26	119 8	86 17	88 25		
2	BP 220140	BP220140		BC 170020	0.0						91 52	87 33	117 32	124 14	76 21	89 28		
3	BP 230521	BP230521		BC 177405	0.0						87 48	111 52	107 32	88 16	82 15	85 31		
4	PB 220047	PB220047	AL 130633	PB 150201	0.0	PcH	1	0	0		95 85	112 87	68 84	89 81	111 83	89 77	85 80	82 78

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Growth Value	Prod Value	
Sorted on ID						nt821	Q204X	F94L	Genomic tested	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	
										★★★★★★								
1	BP 210121	BP210121	BA 150135	BP 100247	0.0					101 64	115 60	105 66	99 45	124 48	131 52	112 31	127 48	
2	BP 210626	BP210626	CM 160217	BC 150666	0.0					93 68	121 67	110 65	99 39	124 44	136 53			
3	BP 230008	BP230008	BA 150135	BC 200017	0.0					83 66	127 68	136 59	83 35	120 45	139 51	114 30	134 47	
4	BP 230128	BP230128		BC 190031	0.0	HH	0	0	0	74 81	141 81	122 79	79 78	114 79	131 73	132 77	131 74	
5	BP 230301	BP230301	BA 150135	BP 200320	0.0					109 63	109 64	112 59	117 44	117 43	140 51	105 24	134 46	
6	BP 230302	BP230302	BA 150135	BC 200302	0.0					101 65	111 68	129 59	110 49	114 46	141 53	107 24	135 47	
7	BP 240532	BP240532	BA 150135	BC 200524	0.0	HH	0	0	0	79 84	128 85	108 82	96 80	121 81	130 76	116 80	127 77	
8	BP 240576	BP240576	BA 150135	BC 150529	0.0	HH	0	0	0	117 85	123 86	101 84	98 81	107 82	131 77	112 80	127 78	
										★★★★★								
1	BC 150560	BC150560		BP 088297	0.0					98 72	115 71	121 80	88 31	109 43	121 56			
2	BC 150589	BC150589		BP 100226	0.0					108 70	96 68	121 75	96 14	115 47	120 52	101 40	114 50	
3	BP 200068	BP200068	BA 150135		0.0					97 56	112 55	130 61	90 35	115 39	129 46	106 24	124 42	
4	BP 210135	BP210135	CM 160217	BP 130018	0.0					102 68	104 68	103 65	113 25	116 45	124 51			
5	BP 210136	BP210136	BA 150135	BP 130387	0.0					102 70	112 71	106 68	114 44	107 51	126 57	103 30	121 52	
6	BP 220120	BP220120	BC 190079	BC 190064	0.0					103 62	109 63	106 51	121 33	102 36	125 46	93 26	117 42	
7	BP 220142	BP220142	BA 150135	BC 160091	0.0					114 68	104 69	113 59	90 44	114 49	120 54	96 26	114 48	
8	BP 220175	BP220175	BA 150135	BC 170072	0.0	HH	0	0	0	115 84	111 85	102 82	104 80	110 82	126 76	101 79	120 77	
9	BP 230103	BP230103	X 120105	BC 140134	0.0	HH	1	0	0	117 85	101 85	103 83	102 80	118 81	123 76	91 79	115 77	
10	BP 230106	BP230106	X 120105	BC 180077	0.0	HH	1	0	0	129 84	102 85	92 82	114 80	116 81	128 76	89 79	120 77	
11	BP 230110	BP230110	X 120105	BP 100040	0.0	HH	0	0	0	96 85	123 85	111 83	88 79	114 80	125 76	114 78	122 76	
12	BP 230508	BP230508	BA 150135	BC 200524	0.0					88 66	121 69	109 61	98 44	117 46	127 53	110 31	122 49	
13	BP 230516	BP230516	CM 160217	BC 200541	0.0					93 64	104 66	116 57	109 36	112 42	121 50	103 20	116 44	
14	BP 230605	BP230605	X 120105	BC 150589	0.0	HH	1	0	0	102 85	111 85	106 83	93 80	117 82	121 76	110 80	117 77	
15	BP 230627	BP230627	BA 150135	BC 150529	0.0	HH	0	0	0	90 86	125 86	113 84	90 81	113 82	126 77	108 80	121 78	
16	BP 240010	BP 240010	BA 150135	BC 190050	0.0	HH	0	0	0	75 84	119 84	132 82	102 80	109 81	128 75	110 80	124 76	
17	BP 240029	BP240029	BC 190531	BP 210135	0.0	HH	0	0	0	107 84	100 85	103 82	114 80	116 81	124 76	89 80	115 77	
18	BP 240032	BP240032	BA 150135	BC 200057	0.0	HH	0	0	0	97 84	116 84	107 82	103 80	115 81	128 75	106 80	123 76	
19	BP 240037	BP240037	BA 150135	BC 170025	0.0	HH	1	0	0	70 84	135 85	124 82	81 81	108 81	122 76	117 80	120 77	
20	BP 240044	BP240044	BC 190531	BP 210133	0.0	HH	0	0	0	100 83	113 83	104 80	100 77	113 78	121 74	108 78	117 75	
21	BP 240048	BP 240048	BC 190531	BP 200031	0.0	HH	0	0	0	91 84	120 84	108 81	98 80	115 80	125 75	105 80	120 76	

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									
											★★★★★																
22	BP 240054	BP240054	BC 190531	BP 130037	0.0	HH	0	0	0		113	86	109	86	86	84	96	81	125	82	120	77	85	80	111	78	
23	BP 240079	BP240079	BC 190531	BP 130344	0.0						111	66	100	69	98	54	110	21	116	35	120	46					
24	BP 240097	BP240097	BA 150135	BP 130343	0.0						104	65	104	68	120	57	109	35	104	43	123	50	100	34	117	47	
25	BP 240101	BP240101	BA 150135	BC 140042	0.0						91	66	118	59	139	57	85	37	106	40	128	48	115	24	125	43	
26	BP 240306	BP240306	BA 150135	BP 210325	0.0	HH	1	0	0		84	85	116	85	112	83	99	81	113	82	121	76	96	80	114	77	
27	BP 240509	BP240509		BP 210626	0.0	HH	0	0	0		104	80	117	81	91	78	110	77	111	78	124	72	104	76	119	73	
28	BP 240516	BP240516	CM 180242	BC 200541	0.0	HH	0	0	0		83	83	118	84	103	81	97	78	119	79	120	74	106	78	116	75	
29	BP 240530	BP240530	BA 150135	BC 180547	0.0	HH	0	0	0		95	85	111	85	128	83	89	81	109	81	121	76	108	80	117	77	
30	BP 240535	BP240535	BA 150135	BC 200502	0.0	HH	0	0	0		84	84	127	85	104	82	97	80	115	81	125	76	114	80	122	77	
31	BP 240537	BP240537		BC 200577	0.0	HH	0	0	0		117	81	106	82	97	79	101	77	114	78	120	73	108	77	116	74	
32	BP 240550	BP240550	BC 190531	BP 210656	0.0	HH	0	0	0		101	83	117	84	102	81	96	79	118	80	125	75	96	79	118	76	
33	BP 240562	BP240562	BC 190531	BP 200582	0.0	HH	0	0	0		100	84	121	84	107	81	88	79	112	79	122	75	95	79	115	76	
34	BP 240592	BP240592	BA 150135	BC 180585	0.0	HH	0	0	0		116	82	108	82	113	80	91	78	114	78	126	73	115	76	123	74	
35	JB 244318	JB 244318	BOS 200463	JB 220006	0.0	HH	0	0	0		96	86	120	85	95	83	90	81	121	82	120	76	106	81	115	77	
											★★★★★																
1	BC 140042	BC140042		BP 070026	0.0						91	71	118	69	143	77	78	13	97	34	118	50					
2	BC 180077	BC180077		BC 150008	0.0						120	63	96	63	91	68	118	26	107	39	115	49					
3	BC 190039	BC190039		BC 150014	0.0						97	64	104	62	120	64	123	21	88	39	116	47					
4	BC 190054	BC190054	BC 160105	BP 130074	0.0						121	69	110	69	90	70	100	28	104	42	114	52	91	38	106	49	
5	BC 190575	BC190575		BP 100247	0.0						99	62	107	55	109	49	105	24	103	27	113	41	102	20	109	37	
6	BC 200524	BC200524	BC 170522	BC 150623	0.0						92	65	115	65	90	65	99	15	118	40	114	47	103	38	109	45	
7	BC 200538	BC200538	BC 170528	BC 150589	0.0						112	67	106	66	90	66	95	19	123	42	118	49	96	39	111	47	
8	BC 200541	BC200541	BC 170044	BP 130412	0.0						106	66	96	66	105	63	107	21	114	43	115	49	91	38	108	47	
9	BP 210126	BP210126	SPB 170134	BC 170030	0.0						93	63	105	64	104	61	101	39	119	41	116	50	97	21	110	44	
10	BP 210128	21 0128	BA 150135		0.0						91	55	105	55	131	60	88	35	114	39	119	45	103	24	114	41	
11	BP 210133	BP210133		BP 130344	0.0						96	60	94	62	111	60	128	28	97	37	112	46					
12	BP 210314	21 0314	BA 150135		0.0						84	56	107	52	129	54	92	35	112	39	117	44	94	24	110	40	
13	BP 210327	BP210327	BC 180045	BC 170217	0.0						118	58	94	46	83	55	135	30	102	33	114	41	81	24	104	38	
14	BP 210602	BP210602	BC 171088	BC 180553	0.0						93	67	119	67	85	62	92	41	120	44	112	52					
15	BP 210613	BP210613	BA 150135	BC 150635	0.0						99	70	111	71	96	68	95	49	118	50	115	57	100	26	110	51	

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	
											★★★★★								
16	BP 210628	BP210628	BA 150135	BC 150553	0.0						8966	12167	10258	9935	9847	11051	10524	10646	
17	BP 210640	BP210640	SPB 170134	BC 177407	0.0						11266	9563	9857	11326	10843	11248	10121	10743	
18	BP 220156	BP220156	CM 160217	BC 180034	0.0						9166	11966	9456	10041	11443	11751			
19	BP 220180	BP220180	BC 190037	BP 130047	0.0						11761	8664	11347	11316	10329	11141	8731	10339	
20	BP 220190	BP220190	BC 200031	BC 150008	0.0						13660	9662	8956	12131	9036	11146	9920	10541	
21	BP 220193	BP220193	BC 190531	BC 170030	0.0						8666	10466	12055	9927	11736	11947			
22	BP 220606	BP220606	BA 150135	BC 180556	0.0						10262	10362	10652	11035	10640	11647	9024	10842	
23	BP 220666	BP220666	BA 150135	BC 170569	0.0						8367	11669	12762	8348	10947	11554	10024	11048	
24	BP 220668	BP220668	BA 150135	BC 160519	0.0						7467	11568	12561	9342	10646	11353	10124	10847	
25	BP 220669	BP220669	CM 180242	BC 180580	0.0						8861	11064	11147	10728	10032	11144			
26	BP 220674	BP220674	TG 170098	BC 150666	0.0						8263	11164	12755	8038	11536	11448			
27	BP 220675	BP220675	BA 150135	BC 150635	0.0						9466	10668	10458	11341	11144	11852	9026	11047	
28	BP 220690	BP220690	TG 170098	BC 170573	0.0						10064	11665	9255	9729	11437	11647			
29	BP 220694	BP220694	BA 150135	BC 170531	0.0						9367	12167	11256	9740	10147	11852	11424	11646	
30	BP 220709	BP220709	BA 150135	BC 150649	0.0						8663	11565	11655	9537	10645	11549	9824	10944	
31	BP 230013	BP230013	CM 160217	BC 200053	0.0						10363	9966	10455	11736	10836	11648	9920	11042	
32	BP 230101	BP230101	X 120105	BC 180038	0.0						11167	10568	7161	9343	13044	11053			
33	BP 230108	BP230108	X 120105	BC 180079	0.0	HH	1	0	0		10585	11685	10482	8780	11281	11876	10478	11376	
34	BP 230111	BP230111	X 120105	BC 210002	0.0	PcH	0	0	0		10984	10484	10781	9379	10581	11075	9578	10476	
35	BP 230112	BP230112	X 120105	BP 130396	0.0						11468	9969	11963	7838	11444	11353			
36	BP 230120	BP230120	BC 190531	BC 150014	0.0	HH	0	0	0		9785	11785	10383	9880	10881	11776	10180	11277	
37	BP 230123	BP230123	BC 190531	BC 180018	0.0	HH	0	0	0		10884	10684	10681	9679	10880	11475	9779	10876	
38	BP 230140	BP230140	BC 190531	BC 160109	0.0	HH	0	0	0		8685	11785	10883	8480	11881	11476	10680	11077	
39	BP 230147	BP230147	BA 150135	BC 150053	0.0	HH	0	0	0		12183	11784	8381	9279	11179	11674	9878	11075	
40	BP 230501	BP230501	CM 160217	BC 200577	0.0						10364	10966	8558	9936	11642	11050			
41	BP 230524	BP230524	BC 200548	BC 190560	0.0						9342	11759	9749	8936	11228	11040			
42	BP 230607	BP230607	X 120105	BC 190547	0.0	HH	1	0	0		10784	11984	9482	9980	9881	11275	10478	10776	
43	BP 230608	BP230608	X 120105	BC 180580	0.0	HH	1	0	0		9784	11385	10682	9680	10381	11076	10479	10677	
44	BP 230625	BP230625	BC 190531	BC 170531	0.0	HH	0	0	0		9785	10985	10182	10680	11381	11976	9480	11277	
45	BP 230631	BP230631	BA 150135	BC 178019	0.0	HH	0	0	0		9885	10982	11682	9180	11481	11975	11080	11576	
46	BP 230644	BP230644		BC 190575	0.0	HH	0	0	0		9780	12180	10777	8876	10277	11372	11876	11273	
47	BP 240005	BP240005	BC 190531	BC 190034	0.0	HH	0	0	0		9885	11785	10382	8280	11281	11276	10280	10777	

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	
											★★★★★								
48	BP 240007	BP240007		BP 210140	0.0	HH	0	0	0		128 79	110 80	73 77	100 76	112 76	114 71	98 76	108 72	
49	BP 240024	BP240024	BC 190531	BC 200071	0.0	HH	0	0	0		109 85	99 86	100 83	102 80	109 81	110 76	84 80	101 77	
50	BP 240035	BP240035	CM 180242	BC 190054	0.0	HH	0	0	0		111 83	112 84	86 81	111 79	106 80	116 75	93 78	109 76	
51	BP 240046	BP 240046	BA 150135	BP 200035	0.0						102 59	101 49	119 46	99 35	104 38	113 42	94 24	107 38	
52	BP 240058	BP240058	BC 190531	BC 180038	0.0	HH	0	0	0		94 85	122 85	80 83	84 80	130 81	116 76	100 80	110 77	
53	BP 240067	BP240067	BC 190531	BC 150014	0.0	HH	0	0	0		100 85	112 85	95 83	96 80	109 81	110 76	93 80	104 77	
54	BP 240068	BP240068	BC 190531	BC 160109	0.0	HH	0	0	0		88 85	124 85	100 83	86 80	119 81	119 76	105 80	114 77	
55	BP 240073	BP240073	BC 190531	BP 220132	0.0	HH	0	0	0		84 82	131 83	104 79	84 77	109 78	116 73	128 77	117 74	
56	BP 240074	BP240074	BA 150135	BP 130332	0.0	HH	0	0	0		103 88	116 88	99 86	89 84	106 85	110 79	120 83	109 80	
57	BP 240083	BP240083	BA 150135	BC 180001	0.0	HH	0	0	0		85 85	124 86	112 83	85 81	101 82	110 76	122 80	110 77	
58	BP 240092	BP240092	BA 150135	BP 130346	0.0	HH	0	0	0		103 88	115 89	99 87	90 84	105 85	110 79	118 84	109 80	
59	BP 240094	BP240094	BC 190531	BP 210104	0.0	HH	0	0	0		101 85	123 85	113 82	77 80	108 81	118 76	106 80	114 77	
60	BP 240302	BP240302	BC 200303	BP 210327	0.0	HH	0	0	0		112 81	101 82	100 79	120 77	100 78	117 73	93 77	110 74	
61	BP 240322	BP240322	BC 190531	BC 160519	0.0	HH	0	0	0		89 86	118 86	98 83	88 81	116 82	112 77	104 81	107 78	
62	BP 240325	BP240325	BC 190531	BC 180203	0.0	HH	0	0	0		109 86	114 86	94 84	88 81	113 82	114 77	96 82	108 78	
63	BP 240502	BP240502	BC 200303	BP 210624	0.4	HH	0	0	0		131 82	96 83	102 80	108 78	98 79	114 74	91 78	107 75	
64	BP 240505	BP240505	BC 200303	BP 210613	0.0	HH	0	0	0		110 81	96 82	119 79	94 77	108 78	113 73	100 76	108 74	
65	BP 240512	BP240512	BC 190531	BC 200538	0.0	HH	0	0	0		106 85	117 85	95 82	87 80	118 81	118 76	103 80	113 77	
66	BP 240542	BP240542	BC 190531	BC 190560	0.0	PcH	0	0	0		99 84	114 84	108 81	85 79	109 80	113 75	105 80	108 76	
67	BP 240552	BP240552	BC 190531	BC 170573	0.0	HH	0	0	0		86 85	121 85	93 82	85 80	119 81	111 76	96 80	105 77	
68	BP 240554	BP240554	BC 190531	BC 180555	0.0	HH	0	0	0		111 85	105 86	110 83	96 81	108 81	117 76	93 80	110 77	
69	BP 240555	BP240555	BC 190531	BC 190547	0.0						98 62	111 65	113 48	94 13	106 27	115 41			
70	BP 240556	BP240556	BC 190531	BC 150666	0.0	HH	0	0	0		73 85	115 85	123 83	80 80	117 81	113 76	111 80	110 77	
71	BP 240565	BP240565	BC 190531	BC 180548	0.0	HH	0	0	0		74 85	124 86	116 83	79 80	113 81	114 76	118 80	112 77	
72	BP 240566	BP240566	BC 190531	BC 180513	0.0	HH	0	0	0		106 84	107 85	90 82	103 80	111 81	111 76	83 80	102 77	
73	BP 240572	BP240572	BC 190531	BC 150560	0.0	HH	0	0	0		92 85	116 86	115 83	86 80	113 81	118 76	107 80	114 77	
74	BP 240574	BP240574	BC 190531	BP 220617	0.0	HH	0	0	0		117 83	106 82	97 80	90 79	111 80	113 74	100 79	108 75	
75	BP 240581	BP240581	BC 190531	BP 210644	0.0	HH	0	0	0		102 84	110 84	99 81	99 79	116 80	118 75	100 80	113 76	
76	BP 240596	BP240596	BA 150135	BC 170531	0.0	HH	0	0	0		111 83	117 84	100 81	87 79	110 80	117 75	114 78	115 76	
77	BP 240597	BP240597	BA 150135	BC 150635	0.0	HH	0	0	0		113 83	109 84	82 82	105 79	109 80	111 75	101 78	107 76	
78	OBS 240162	OBS 24 162	BOS 200505	BC 170552	0.0	HH	1	0	0		98 83	122 84	106 81	90 79	104 80	117 75	119 78	115 76	
79	OBS 240178	OBS 24 178	BOS 200505	BC 170525	0.0	HH	0	0	0		114 84	115 84	91 82	98 79	104 80	114 75	118 80	112 76	

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						
									★★★★☆																
1	BC	170063	BC170063		BP	130037				119	69	91	58	76	52	121	15	104	33	100	43				
2	BC	170525	BC170525		BC	150527				137	67	94	56	87	69	109	6	90	28	101	43				
3	BC	180038	BC180038		BP	130037				101	67	103	66	70	70	92	37	132	39	103	52				
4	BC	180548	BC180548		BP	130363				77	68	121	65	113	69	86	27	101	42	105	51				
5	BC	190006	BC190006		BC	170023				113	62	106	63	77	67	97	22	108	39	100	48				
6	BC	190539	BC190539		BC	160624				113	66	99	64	120	68	88	39	97	41	106	52				
7	BC	200040	BC200040	BC	170084	BP	130037			111	66	114	67	56	67	96	15	125	39	106	48				
8	BC	200071	BC200071	GH	150202	BC	160060			116	70	95	69	95	66	107	26	108	48	109	52	85	32	101	48
9	BC	200568	BC200568	GH	150202	BC	150512			110	68	97	68	82	65	108	12	114	43	105	48	88	31	98	45
10	BC	200577	BC200577	GH	150202	BC	178021			112	67	108	66	74	66	95	24	117	42	106	50	100	26	101	45
11	BP	130037	BP 130037		BP	070030				118	75	103	73	56	82	104	30	129	39	108	56				
12	BP	200507	BP200507	BC	170070	BC	160634			102	67	106	64	112	59	90	18	102	32	106	45	89	34	99	43
13	BP	210108	BP210108		BC	180079				102	61	105	60	100	57	90	32	104	37	101	46				
14	BP	210114	BP210114		BP	130035				97	62	103	61	93	59	102	21	111	37	104	45				
15	BP	210140	BP210140		BP	130374				104	59	100	61	90	58	108	64	104	36	102	51				
16	BP	210306	BP210306	SPB	170134	BC	180203			122	63	110	62	82	56	98	26	104	40	108	46	111	21	106	41
17	BP	210610	BP210610	CM	160217	BC	170589			75	66	114	66	126	58	96	44	88	45	102	52				
18	BP	210625	BP210625	CM	160217	X	111038			100	56	103	64	82	54	115	26	101	35	101	44				
19	BP	210634	BP210634		BC	170573				97	59	104	60	83	57	113	26	105	34	102	44				
20	BP	220123	BP220123	BC	171088	BC	190031			83	65	130	64	108	55	70	45	105	39	106	50				
21	BP	220188	BP220188	BC	190531	BP	110174			94	67	113	68	101	60	90	22	105	35	105	48	95	20	99	42
22	BP	220198	BP220198	BC	190037	BC	170062			114	61	99	64	93	52	115	29	92	34	102	45	90	26	96	41
23	BP	220301	BP220301		CM	170252				118	58	95	58	92	57	115	39	95	26	104	44				
24	BP	220314	BP220314	BC	171088	CM	190217			92	64	108	65	100	54	99	32	104	41	104	48				
25	BP	220366	BP220366	BC	171088	BC	180203			104	59	116	63	90	48	87	20	102	31	102	42				
26	BP	220605	BP220605	BC	171088	BC	190511			90	65	119	67	94	60	94	43	101	40	103	51				
27	BP	220621	BP220621	BC	190079	BC	190565			111	59	115	61	94	41	95	22	97	32	108	41	99	26	103	38
28	BP	220653	BP220653	CM	160217	BC	180513			102	61	103	65	88	50	109	35	103	37	102	46				
29	BP	220654	BP220654	BC	180540	BC	180559			118	59	102	62	76	41	130	18	87	28	103	40	87	21	96	36
30	BP	220658	BP220658	CM	160217	BC	180535			84	65	114	54	96	52	102	36	104	37	104	45				
31	BP	220707	BP220707	BC	200031	BC	170589			92	61	102	62	123	45	106	27	87	38	103	44				
32	BP	230001	BP230001	BA	150135	BP	200007			91	62	106	60	122	47	97	35	92	43	104	46	97	24	99	42

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	
											★★★★☆				
33	BP 230018	BP230018	TG 170098	BC 190006	0.0			92 61	113 62	90 42	90 20	109 34	100 41		
34	BP 230020	BP230020	CM 160217	BP 200037	0.0			92 60	106 59	104 45	94 25	107 38	103 43		
35	BP 230027	BP230027	TG 170098	BC 190034	0.0			113 61	104 64	108 52	87 23	103 35	107 44		
36	BP 230130	BP230130	CM 180242	BP 130357	0.0	HH 0 0 0	6.4	83 83	119 84	88 81	95 78	107 80	101 75	108 78	98 76
37	BP 230132	BP230132	BC 190531	X 111047	0.0	HH 0 0 0	6.4	87 85	115 85	90 83	101 79	112 81	108 76	94 80	102 77
38	BP 230149	BP230149	BC 190531	X 110171	0.0	HH 0 0 0	6.4	96 86	104 85	108 83	95 80	103 81	103 76	95 80	98 77
39	BP 230304	BP230304	CM 180242	BP 130363	0.0			83 62	122 65	98 50	91 20	103 40	105 45		
40	BP 230511	BP230511	BA 150135	BP 200509	0.0			87 61	111 62	122 56	86 44	104 42	109 49	100 24	104 44
41	BP 230520	BP230520	CM 160217	BC 200556	0.0			90 61	113 64	105 47	95 25	107 41	109 45		
42	BP 230602	BP230602	X 120105	BC 210502	0.0			96 65	112 62	97 48	97 30	99 41	103 46		
43	BP 230614	BP230614	X 120105	BC 190557	0.0	HH 1 0 0	6.4	115 85	103 85	87 82	100 80	111 81	109 76	91 79	103 77
44	BP 230636	BP230636	BC 190531	BC 180581	0.0	HH 0 0 0	6.4	117 84	99 84	109 81	92 79	99 80	106 75	96 79	100 76
45	BP 230638	BP230638	BC 190531	BC 150553	0.0	HH 0 0 0	6.4	101 85	122 85	81 83	92 80	106 81	106 76	100 80	102 77
46	BP 230648	BP230648		BC 200567	0.0	HH 0 0 0	6.4	89 80	124 81	112 77	84 76	92 77	105 72	116 76	104 73
47	BP 240003	BP240003	BC 200303	BP 210114	0.0	HH 0 0 0	6.4	97 81	122 82	91 79	88 77	106 78	107 73	114 77	106 74
48	BP 240021	BP 240021	BC 190531	BC 190001	0.0			113 63	93 56	101 45	108 17	107 29	109 40		
49	BP 240053	BP 240053	BC 190531	BP 210029	0.0			67 58	112 47	119 35	95 11	101 24	101 33		
50	BP 240061	BP240061	BC 190531	BP 130387	0.0			96 66	112 59	102 52	95 13	105 33	108 42	98 28	102 39
51	BP 240069	BP240069	BC 190531	BC 200066	0.0	HH 0 0 0	6.4	82 85	122 86	86 83	88 81	113 82	103 76	103 81	99 77
52	BP 240071	BP240071	BC 190531	BP 130400	0.0			114 66	93 69	88 54	112 16	106 34	103 45		
53	BP 240077	BP240077	BA 150135	BC 150053	0.0	HH 0 0 0	6.4	112 83	106 84	68 81	113 79	108 79	104 74	88 78	97 75
54	BP 240303	BP240303		BP 210307	0.0	HH 0 0 0	6.4	96 80	127 81	98 79	80 77	100 78	106 72	131 77	108 73
55	BP 240316	BP240316	BC 190531	BP 210303	0.0			86 60	103 49	116 38	96 11	98 24	100 35		
56	BP 240326	BP240326	BC 190531	BC 180246	0.0			91 62	107 64	100 47	96 11	107 25	102 40		
57	BP 240501	BP240501	BC 200303	BP 210634	0.0	HH 1 0 0	6.4	109 82	107 82	89 79	97 77	105 78	105 73	96 77	99 74
58	BP 240503	BP 240503	BC 200303	BP 210640	0.0			118 56	95 47	102 34	99 15	100 26	104 34		
59	BP 240538	BP240538	BC 190531	BC 210536	0.0			100 62	107 65	111 45	85 21	100 28	101 42		
60	BP 240549	BP240549	BC 190531	BP 210637	0.0			109 62	101 56	96 44	95 21	104 29	101 40		
61	BP 240575	BP240575	BC 190531	BC 200561	0.0	HH 0 0 0	6.4	92 84	121 85	102 82	84 80	103 80	106 75	103 80	102 76
												★★★★			

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	
										★★★★								
1	BC	150026	BC150026		BP 050118	0.0					11971	9970	9078	8030	10228	9052		
2	BC	160624	BC160624		BP 100230	0.0					12068	9065	10872	9148	9942	9955		
3	BC	180547	BC180547		BP 130353	0.0					11467	8963	11167	9027	9737	9449		
4	BC	190034	BC190034		BC 170009	0.0					10866	9763	11467	9023	9341	9749		
5	BC	190035	BC190035		BC 170010	0.0					8967	11061	12463	9424	8341	9948		
6	BC	190068	BC190068		BP 130014	0.0					12162	8161	9459	1118	9737	9343		
7	BC	190557	BC190557		BP 100251	0.0					11564	9464	9768	9736	9736	9450		
8	BC	190565	BC190565		X 111038	0.0					10361	10362	8864	11532	9424	9946		
9	BC	200038	BC200038		BC 180038	0.0					10234	9333	8835	10218	10420	9126		
10	BC	200057	BC200057	BC 170044	BC 150063	0.0					12965	9261	8053	11515	9436	9843	89349141	
11	BC	200502	BC200502	BC 170568	BC 160609	0.0					11062	10761	7763	1006	9938	9544	101359242	
12	BC	200561	BC200561	BC 170592	BP 130332	0.0					9465	10466	10663	9143	9140	9052	94368549	
13	BC	210002	BC210002	BC 160640	BC 180024	0.0					12560	8949	10550	9924	9035	9641	87368940	
14	BC	210028	BC210028		X 110033	0.0					11859	9255	10553	9521	8736	9042		
15	BC	210502	BC210502		BC 180520	0.0					9858	10036	9851	11833	8921	9837		
16	BC	210516	BC210516		BC 180513	0.0					11661	8860	7863	12652	9732	9650		
17	BP	130363	BP130363		X 088019	0.0					9275	11570	9477	8921	9649	9555	112339351	
18	BP	200501	BP200501	BC 170508	BC 150542	0.0					9465	10562	10964	9527	9631	9947	104319544	
19	BP	200582	BP200582	BC 180020	X 088078	0.0					11664	10265	9167	8426	9821	9146		
20	BP	210151	BP210151		BP 130107	0.0					10253	9554	11540	9610	9225	9535		
21	BP	210325	BP210325		CM 150290	0.0					8461	10359	10057	11025	9630	9544		
22	BP	210631	BP210631	BC 171088	BP 140360	0.0					10266	10666	8157	9520	10041	9047		
23	BP	210637	BP210637		BP 130332	0.0					11960	9359	8553	10327	9435	9044		
24	BP	210658	BP210658	SPB 170134	BC 170524	0.0					9559	10160	9845	10627	9935	9742	99219338	
25	BP	220132	BP220132		BC 190043	0.0					8854	11457	10547	9532	9329	9941		
26	BP	220165	BP220165	TG 170098	BP 200035	0.0					9153	10254	10332	9627	10122	9536		
27	BP	220184	BP220184	BC 171088	BC 180049	0.0					10364	10665	10049	9432	9540	9847		
28	BP	220192	BP220192	TG 170098	X 110171	0.0					9961	9065	10848	11213	9730	9941	86219137	
29	BP	220303	BP220303		BC 190241	0.0					11047	9851	11028	9714	8928	9832		
30	BP	220352	BP220352	BC 180540	BC 180292	0.0					8854	10539	11932	9511	9022	9830	98219328	
31	BP	220363	BP220363	BC 171088	CM 150219	0.0					10165	11867	9256	8332	9641	9749		
32	BP	220630	BP220630	BC 190586	BC 178027	0.0					10957	9960	9452	9414	9432	9141	93348540	

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									
											★★★★																
33	BP	220670	BP220670	CM 160217	BC 190558	0.0					73	63	113	63	116	45	109	32	81	40	96	46					
34	BP	220671	BP220671	BC 190559	BC 180531	0.0					100	59	96	60	106	40	107	20	96	39	99	41	92	34	93	40	
35	BP	220692	BP220692	BC 190559	BC 180512	0.0					109	61	95	61	98	42	114	20	92	39	99	42	91	34	92	40	
36	BP	220698	BP220698		BC 170571	0.0					112	55	91	58	95	48	114	32	90	33	94	42					
37	BP	230015	BP230015		BC 190001	0.0					106	49	87	54	100	30	118	12	86	21	91	32					
38	BP	230146	BP230146	BC 190531	BP 130375	0.0	HH	0	0	0	6	115	84	107	85	86	82	90	79	102	80	98	75	100	80	94	76
39	BP	230309	BP230309		BC 190241	0.0					113	51	93	54	119	45	98	55	85	13	98	40					
40	BP	230504	BP230504		BP 200501	0.0					101	54	95	57	110	48	102	55	88	27	93	45					
41	BP	230514	BP230514	CM 180242	BC 160687	0.0					85	55	116	66	92	56	85	28	99	38	90	46					
42	BP	230523	BP 230523	CM 180242	BC 180556	0.0					91	60	107	60	88	43	104	15	103	34	97	40					
43	BP	230529	BP230529	TG 170098	BC 190552	0.0					101	57	102	62	95	39	94	40	100	28	95	42					
44	BP	230606	BP230606	X 120105	BC 170569	0.0					99	67	101	66	107	54	87	32	101	44	96	49					
45	BP	230635	BP230635		BC 160624	0.0					103	56	89	56	110	38	104	24	90	30	91	38					
46	BP	240311	BP240311	BA 150135	BC 190220	0.0	HH	0	0	0	6	89	82	113	83	87	80	98	78	96	79	92	74	102	77	89	75
47	BP	240507	BP240507	BC 200303	BP 200501	0.0					96	57	109	60	109	39	90	8	94	22	99	36					
48	BP	240510	BP240510	BC 190531	BC 180556	0.0	HH	0	0	0	6	104	84	112	84	70	81	96	79	110	79	98	75	92	79	92	76
49	BP	240526	BP240526		BP 210631	0.0	HH	0	0	0	6	84	79	108	80	89	77	103	75	99	76	92	71	93	75	86	72
50	CM	190288	CM19288		CM 120032	0.0					120	54	78	57	106	42	126	12	79	32	93	37					
51	OBS	200098	OBS2098	OBS 180168	OBS 180116	3.1					115	69	98	70	62	67	123	27	100	47	95	53	82	26	87	48	
											★★★★☆																
1	BC	160687	BC160687		BP 130412	0.0					87	69	105	66	99	70	88	23	97	44	86	51	94	20	82	45	
2	BC	190058	BC190058		BP 130072	0.0					85	53	109	57	111	41	86	16	85	20	86	36					
3	BC	190077	BC190077		X 110171	0.0					106	54	79	58	109	42	121	6	77	23	83	35	69	21	73	32	
4	BC	190536	BC190536		BP 130363	0.0					116	67	89	65	78	69	113	27	84	41	80	50					
5	BC	210536	BC210536		BC 180585	0.0					98	56	95	55	124	56	87	22	84	31	88	41					
6	BP	200542	BP200542	BC 170037	BP 140346	0.0					101	64	111	63	60	62	99	17	98	34	83	45	94	22	79	40	
7	BP	210307	BP210307		BC 180257	0.0					95	52	105	56	96	53	86	64	98	30	87	47					
8	BP	210320	BP210320		CM 120134	0.0					110	60	101	58	94	52	82	25	92	30	84	42					
9	BP	210617	BP210617		BC 180573	0.0					95	58	89	57	112	47	113	31	82	35	87	43					
10	BP	220102	BP220102		BC 190071	0.0					111	47	79	54	108	30	121	30	79	21	87	34					

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								
										★★★★★															
11	BP 220308	BP220308	CM 160013	0.0						92	51	88	52	101	36	115	11	90	25	86	33				
12	BP 220609	BP220609	BC 160687	0.0						94	59	99	58	93	58	88	38	100	27	84	45				
13	BP 220622	BP220622	BC 177405	0.0						78	53	99	52	120	33	98	9	79	31	82	34				
										★★★★															
1	BC 180001	BC180001	BC 150031	0.0						92	67	105	66	95	71	91	44	80	32	75	52				
2	BC 190515	BC190515	BC 150649	0.0						107	59	94	60	83	62	108	22	82	32	78	44				
3	BP 210116	BP210116	X 110171	0.0						85	57	91	58	110	43	114	6	74	33	78	38	76	21	70	35
4	BP 210120	BP210120	BC 150063	0.0						129	54	75	58	81	49	128	36	76	31	78	43				
										★★★★															
1	BC 190033	BC190033	BC 160051	0.0						118	59	94	59	62	61	122	58	66	34	66	50				
2	BP 200038	BP200038	X 110015	0.0						103	51	78	44	90	56	108	22	85	22	69	36				

Selection List on Cow Value

Bull Calves younger than 2 years

ID Name Sorted on ID		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	BP 250019	BP250019	BOS 200463	BP 210121	0.0	HH	0	0	0		9786	12286	9484	9982	12483	13077	10882	12578
2	BP 250313	BP250313	BOS 200463	BP 230302	0.1	HH	0	0	0		11186	12486	10384	9082	12983	14277	11682	13878
										★★★★★								
1	BP 250005	BP250005	BOS 200463	BP 210114	0.0	HH	0	0	0		9785	11685	9383	9080	13181	12376	10380	11877
2	BP 250012	BP250012	BOS 200463	BC 190054	0.0	HH	0	0	0		10285	13586	8883	8380	12081	12676	11180	12277
3	BP 250013	BP250013	BC 190531	BP 220179	0.0	HH	0	0	0		10283	11484	11981	8479	11980	12775	10080	12176
4	BP 250016	BP250016	BOS 200463	BP 210126	0.0	HH	0	0	0		10285	11186	9183	9981	12681	12276	9280	11577
5	BP 250045	BP250045	BOS 200463	BP 230013	0.1	HH	0	0	0		10385	11085	9883	10481	11981	12376	10580	11877
6	BP 250052	BP250052	BOS 200463	BC 180038	0.0	HH	0	0	0		10086	10786	8884	9681	13782	12277	8280	11278
7	BP 250061	BP250061	BOS 200463	BC 140134	0.0	HH	0	0	0		12386	11086	9384	8681	12382	12377	9680	11678
8	BP 250062	BP250062	BOS 200463	BC 180077	0.0	HH	0	0	0		10885	11986	8383	9681	12482	12476	10480	11977
9	BP 250527	BP250527	BOS 200463	BP 200547	0.0	HH	0	0	0		9784	12584	10382	9080	12181	12975	11380	12676
10	BP 250545	BP250545	BOS 200463	BP 230524	0.0	HH	0	0	0		7985	13985	8483	9181	12381	12476	11080	12077
11	BP 250553	BP250553	BOS 200463	BP 220694	0.0	HH	0	0	1		10084	12583	9281	9979	10880	12075	12180	11976
12	BP 250559	BP250559	BOS 200463	BC 180548	0.0	HH	0	0	0		7986	13685	10184	8681	11982	12577	11481	12178
13	BP 260003	BP260003	BOS 200463	BP 230140	0.0						9764	11858	9747	8821	12333	12142		
14	BP 260005	BP260005	BOS 200463	BP 230128	0.0						9661	12855	10441	8523	12131	12940		
15	BP 260012	BP260012	BOS 200463	BP 230108	0.0						9765	12258	9747	8923	12035	12343		
16	BP 260016	BP260016	BOS 200463	BP 230110	0.0						9765	12459	10048	8923	12134	12643		
										★★★★								
1	BP 250001	BP250001	BOS 200463	BC 210028	0.0	HH	0	0	0		12185	11785	7982	8580	11481	11276	10380	10777
2	BP 250049	BP250049	BOS 200463	BC 150053	0.0	HH	0	0	0		11186	11486	7584	10081	12282	11777	9181	11078
3	BP 250066	BP250066	PR 210150	BP 230112	0.0	PcH	0	0	1		10883	11884	9381	8879	10980	11375	11878	11276
4	BP 250068	BP250068	PR 210150	BP 230027	0.0	HH	0	0	0		12183	11784	9081	8279	10980	11375	12579	11376
5	BP 250086	BP250086	BP 210146	BP 220142	0.0	HH	0	0	0		10283	10983	10480	9579	11479	11774	9978	11175
6	BP 250318	BP250318	BOS 200463	BP 220365	0.0	HH	0	0	0		8585	11485	10583	8581	12582	11576	9782	10977
7	BP 250320	BP250320	BOS 200463	BP 200320	0.0	HH	0	0	0		9582	11683	8080	11077	11678	11673	10777	11274
8	BP 250511	BP250511	BOS 200463	BC 180547	0.0	HH	0	0	0		9785	12086	9583	8380	11881	11476	10980	11177

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		
											★★★★★									
9	BP 250528	BP250528	BA 150135	BP 210613	28.1	HH	0	0	0		9583	12684	9581	8879	11280	11775	11478	11476		
10	BP 250557	BP250557	BOS 200463	BP 210625	0.1						9662	11558	8747	10123	11533	11342				
11	BP 250564	BP250564	PR 210150	BP 220668	0.0	PcH	0	0	1		9184	12484	9781	9679	11180	11875	12079	11676		
12	BP 250569	BP250569	BP 230609	BC 200577	0.0	HH	0	0	0		8682	13183	7980	7778	12579	11174	11078	10875		
13	BP 250580	BP250580	BP 210146	BP 210530	0.0	PcH	0	0	0		9382	12583	10680	8979	10679	11874	12978	11875		
14	BP 250600	BP250600	BP 210146	BP 220621	0.0	HH	0	0	0		9483	12182	11180	8279	10879	11574	11278	11275		
15	BP 258008	BP258008	PR 210150	BP 230520	0.0						10152	11953	9039	9522	10832	11237				
16	BP 260001	BP260001	BOS 200463	BP 220123	0.0						10164	12358	9647	8030	11635	11744				
17	BP 260019	BP260019	BC 190531	BP 210135	0.0						10165	10658	10547	9817	11532	11741				
18	BP 260024	BP260024	BC 190531	BC 190039	0.0						9464	10857	11447	10617	10230	11541				
19	BP 260025	BP260025	PR 210150	BP 230001	0.0						10260	11652	9840	9626	10133	11039				
20	BP 260027	BP260027	BC 190531	BP 220175	0.0						10964	10958	10444	9523	11233	11942	9722	11338		
21	BP 260034	BP260034	BC 190531	BC 190054	0.0						10565	11259	9949	9419	10931	11342	9228	10639		
22	BP 260508	BP260508	BOS 200463	BP 220314	0.0						9964	11458	9447	9527	11635	11543				
23	BP 260514	BP260514	BP 210146	BC 200538	0.0						9161	11653	9840	9715	11727	11737	10420	11334		
24	BP 260522	BP260522	BC 190531	BP 220690	0.0						9863	11357	10044	9319	11430	11540				
25	BP 260523	BP260523	BC 190531	BP 210602	0.0						9164	11658	9746	9024	11732	11342				
26	BP 260525	BP260525	PR 210150	BP 230607	0.0						11360	12153	8441	9723	10432	11439				
27	BP 260529	BP260529	BC 190531	BP 210640	0.0						10264	10457	10345	9818	11132	11141	9720	10537		
28	BP 260536	BP260536	BC 190531	BC 200541	0.0						10265	10358	10647	9616	11432	11341	9228	10638		
29	BP 260547	BP260547	BC 190531	BC 200071	0.0						10465	10459	10148	9619	11133	11042	8924	10338		
30	BP 260554	BP260554	BP 210146	BP 220674	0.0						7459	11952	11736	8916	11325	11536				
31	BP 260555	BP260555	PR 210150	BP 230636	0.0						10859	11553	9441	9420	10431	11038				
											★★★★☆									
1	BP 250063	BP250063	BP 220685	BC 200040	0.0	HH	1	0	0		9281	12082	8178	9176	11677	10772	11676	10573		
2	BP 250074	BP250074	BOS 200463	BC 180001	0.0	HH	0	0	0		8786	11986	9284	8981	11182	10577	10980	10278		
3	BP 250323	BP250323	PR 210150	BP 220363	0.0	PcH	0	0	0		10884	12084	8282	9180	10281	10575	11980	10476		
4	BP 250588	BP250588	BC 190531	BP 200542	0.0	HH	0	0	0		8984	11985	8682	8979	11380	10475	10280	9976		
5	BP 250592	BP250592	BP 220191	BP 220609	0.0	HH	0	0	0		9382	10782	11180	7878	11478	10473	11378	10374		
6	BP 260004	BP260004	BOS 200463	BP 220105	0.0						9758	10648	10039	9719	11029	10736				

Selection List on Cow Value
Bull Calves younger than 2 years

ID Name Sorted on ID		Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin				Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Growth Value Acc	Prod Value Acc	
						nt821	Q204X	F94L	Genomic tested									
										★★★★☆								
7	BP 260018	BP260018	PR 210150	BP 230635	0.0					109 59	106 51	92 37	99 22	100 29	102 37			
8	BP 260028	BP260028	BC 190531	BC 210028	0.0					107 63	101 55	106 44	92 19	101 29	102 40			
9	BP 260030	BP260030	PR 210150	BP 230130	0.0					98 60	122 54	81 41	96 21	108 32	108 39			
10	BP 260031	BP260031	BC 190531	BC 200057	0.0					116 64	100 56	93 43	99 14	104 30	104 39	91 27	98 37	
11	BP 260032	BP260032	BC 190531	BC 190034	0.0					109 65	101 57	109 48	89 18	104 31	105 41			
12	BP 260036	BP260036	BC 190531	BC 190035	0.0					93 65	110 56	115 47	91 16	99 31	106 41			
13	BP 260509	BP260509	PR 210150	BP 230602	0.0					101 60	120 53	87 40	97 24	104 32	109 39			
14	BP 260515	BP260515		BP 210626	0.0					96 50	103 34	109 32	109 19	97 23	107 29			
15	BP 260520	BP260520	BC 190531	BP 130363	0.0					108 66	109 59	98 52	89 18	105 34	106 43	102 26	101 40	
16	BP 260532	BP260532	BC 190531	BP 220658	0.0					88 63	113 55	102 43	95 22	109 30	108 40			
17	BP 260539	BP260539	BC 190531	BC 160687	0.0					89 65	109 58	104 49	88 16	106 32	100 42	93 22	94 38	
18	BP 260542	BP260542	BC 190531	BC 190560	0.0					87 61	113 52	105 45	89 13	107 25	105 37			
19	BP 260551	BP260551	BP 210146	BP 200501	0.0					82 59	115 52	108 39	97 10	103 22	108 35			
20	BP 260553	BP260553	BP 210146	BP 210325	0.0					83 58	112 51	102 36	104 16	103 22	106 35			
										★★★★								
1	BP 250078	BP250078	BP 210146	BP 200038	0.0					89 57	101 47	98 36	103 17	98 20	92 33			
2	BP 250599	BP250599		BP 210628	0.0					90 50	105 33	106 29	109 17	83 23	94 28			
3	BP 250604	BP250604	BP 210146	BP 220622	0.0					72 57	114 49	114 28	98 9	95 23	99 32			
4	BP 260537	BP260537		BP 200507	0.0					100 51	96 32	110 29	101 9	85 16	90 26			

Selection List on Cow Value

Heifers younger than 2 years

ID Name Sorted on ID		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	BP 250032	BP250032	BP 220664	BP 220193	0.0	HH	0	0	0		7982	11883	12180	9478	12779	13274	10978	12875
2	BP 250040	BP250040	BA 150135	BC 200017	0.0						7964	12666	13753	8335	12041	13648	11330	13244
3	BP 250314	BP250314	BOS 200463	BP 230301	0.0	HH	0	0	0		12386	11586	9284	10982	12883	14477	10682	13878
4	BP 250512	BP250512	BOS 200463	BP 210626	0.1	HH	1	0	0		10586	11686	10683	10381	12382	13677	10880	13178
5	BP 250515	BP250515	BOS 200463	BC 190539	0.0	HH	0	0	0		9785	12985	10383	8080	12781	13176	11680	12877
6	BP 250520	BP250520	BOS 200463	BP 210602	0.0	HH	0	0	0		9686	12886	9784	9682	13083	13877	10682	13278
7	BP 250552	BP250552	BOS 200463	BC 150529	0.0	HH	0	0	0		11686	10386	9484	11381	12882	13477	9580	12678
										★★★★★								
1	BP 250002	BP250002	BOS 200463	BP 220156	0.1	HH	0	0	0		10685	11286	8983	10981	12382	12776	9380	11977
2	BP 250025	BP250025	BP 220164	BC 190039	0.0	HH	0	0	0		10581	11182	10279	11376	10377	12173	10676	11774
3	BP 250030	BP250030	BC 190531	BP 220159	0.0	HH	0	0	0		7585	12785	11282	7981	12381	12076	10380	11577
4	BP 250044	BP250044	BOS 200463	BP 220188	0.0	HH	0	0	0		10385	12186	9183	9181	11982	12276	10080	11677
5	BP 250075	BP250075	BP 210146	BC 150026	0.0	HH	0	0	0		11184	12084	9881	8179	11879	12175	11678	11976
6	BP 250083	BP250083	PR 210150	BP 230008	0.0	PcH	0	0	0		9283	13084	10281	8879	11480	12475	12278	12376
7	BP 250326	BP250326	PR 210150	BP 210327	0.0	HH	0	0	1		12483	10983	7280	12279	10979	12074	10778	11675
8	BP 250502	BP250502	BOS 200463	BP 220658	0.1	HH	0	0	0		10086	12386	9083	9281	12382	12477	10181	11878
9	BP 250509	BP250509	BOS 200463	BC 200538	0.0	HH	0	0	0		10985	11586	8783	9481	13082	12776	9680	12077
10	BP 250510	BP250510	BOS 200463	BP 220656	0.1						9663	12665	9649	9627	11835	12745		
11	BP 250521	BP250521	BP 220700	BP 220637	0.0	HH	0	0	0		11181	11582	11279	8478	11778	12673	11978	12474
12	BP 250536	BP250536	BC 190531	BP 220652	0.0	PcH	0	0	0		10784	11784	8782	10580	11580	12275	9980	11676
13	BP 250537	BP250537	BA 150135	BP 210634	0.0						10463	10564	11052	11038	11141	12448	9424	11743
14	BP 250541	BP250541	BA 150135	BC 200524	0.0						9464	11266	11554	10336	11742	12949	10331	12345
15	BP 250543	BP250543	BOS 200463	BP 230508	0.0	HH	0	0	0		8985	12986	9483	9181	11882	12276	10881	11877
16	BP 250544	BP250544	BOS 200463	BP 230501	0.1						10364	11466	8849	9827	12235	12045		
17	BP 250567	BP250567	BP 210146	BC 150560	0.0	HH	0	0	0		8984	12685	11381	8779	11479	12575	12078	12376
18	BP 250583	BP250583	BP 220680	BC 150666	0.0	HH	0	0	0		10782	11182	11180	8777	11778	12373	11577	12074
19	BP 250585	BP250585	BP 220700	BC 190547	0.0	HH	0	0	0		8981	12082	12780	9578	10878	12873	11078	12474
20	BP 250606	BP250606	BP 220680	BP 210656	0.0	HH	0	0	0		9682	11882	9879	9178	12178	12073	11178	11774
21	BP 260002	BP260002	BOS 200463	BP 230123	0.0						10264	11558	9846	9420	11833	12142		
22	BP 260009	BP260009	BOS 200463	BP 220120	0.0						10364	11657	9746	10627	11534	12643	9720	11938

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	
											★★★★★								
23	BP	260013	BP260013	BOS 200463	BP 230631	0.0					9564	11855	10446	9126	12134	12342	10520	11838	
24	BP	260038	BP260038	BP 210146	BP 210136	0.0					8860	11855	10641	10824	10831	12240			
25	BP	260510	BP260510	BOS 200463	BP 230605	0.0					9964	11859	9848	9224	12336	12443			
											★★★★★								
1	BP	250011	BP250011	BOS 200463	BP 130363	0.0	HH	0	0	0	10585	12285	8983	8980	11681	11876	11680	11677	
2	BP	250027	BP250027	BP 210146	BC 200071	0.0	HH	1	0	0	10484	11285	9481	9679	11480	11575	9879	10976	
3	BP	250028	BP250028	BC 190531	BP 210135	0.0	HH	0	0	0	8585	12285	10182	9080	11981	11876	10580	11477	
4	BP	250035	BP250035	BC 190531	BP 220163	0.0					9364	10866	10447	10025	11333	11344	8822	10540	
5	BP	250046	BP250046	BOS 200463	BP 210125	0.0					9458	11461	10444	8919	11029	11040			
6	BP	250053	BP250053	BOS 200463	BC 170063	0.0					10765	10856	8346	10521	11633	11342			
7	BP	250055	BP250055	BOS 200463	BP 130346	0.0					11368	10070	9557	10827	11440	11649	9230	10945	
8	BP	250056	BP250056	BOS 200463	BP 200037	0.0					11161	10251	9946	9119	11630	11139			
9	BP	250058	BP250058	BOS 200463	BP 220190	0.0	PcH	0	0	0	12684	11584	7681	11479	10180	11875	11278	11576	
10	BP	250067	BP250067	PR 210150	BP 210102	0.0	PcH	0	0	0	10783	12484	8281	9579	11279	11874	12278	11775	
11	BP	250072	BP250072	PR 210150	BP 230031	0.0	HH	0	0	0	10686	12486	8584	10083	10683	11677	11582	11478	
12	BP	250080	BP250080	PR 210150	BP 210133	0.0	PcH	0	0	1	10683	10484	9181	12479	10380	11675	11178	11376	
13	BP	250089	BP250089	BP 210146	BP 220133	0.0	HH	0	0	0	11282	11782	8580	8778	11979	11574	10378	11175	
14	BP	250090	BP250090	BP 210146	BC 180559	0.0	HH	0	0	0	11586	12285	8184	10382	10383	11677	11482	11478	
15	BP	250302	BP250302	BOS 200463	BP 210314	0.0	HH	0	0	0	8186	12286	10283	8982	11982	11677	9382	10978	
16	BP	250315	BP250315	BOS 200463	BP 210326	0.1	HH	0	0	0	7686	13686	9084	7882	12183	11477	11982	11378	
17	BP	250324	BP250324	BP 210146	BP 210320	0.0	HH	0	0	0	8583	13084	10180	7979	11379	11474	11578	11275	
18	BP	250325	BP250325	BC 190531	BP 140346	0.0	HH	0	0	0	9885	11585	9483	9180	11181	11076	10580	10677	
19	BP	250516	BP250516	BOS 200463	BP 200507	0.1	HH	0	0	0	10186	12686	9583	8281	11482	11777	10080	11278	
20	BP	250526	BP250526	BA 150135	BP 200501	0.0	HH	1	0	0	10182	12683	9780	8678	10778	11674	13177	11775	
21	BP	250530	BP250530	BP 210146	BC 177407	0.0	HH	1	0	0	10183	10883	10080	11078	10679	11574	10078	11075	
22	BP	250535	BP250535	BC 190531	BP 220690	0.0	HH	0	0	0	9885	12185	9582	8980	11881	11976	10680	11577	
23	BP	250547	BP250547	BOS 200463	BP 230516	0.1	HH	0	0	0	10386	11386	9883	9481	11782	11877	10681	11478	
24	BP	250550	BP250550	BOS 200463	BC 190557	0.0	HH	0	0	0	10685	11586	8883	8980	11781	11376	9980	10777	
25	BP	250555	BP250555	BOS 200463	BP 210637	0.0	HH	0	0	0	11785	10885	7883	9980	12081	11476	9980	10977	
26	BP	250556	BP250556	BOS 200463	BC 200502	0.0	HH	0	0	0	11882	11583	7980	9876	11678	11873	10676	11474	

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									
												★★★★★																
27	BP	250558	BP250558	BOS 200463	BP 210624	0.1	PcH	0	0	1		111	84	115	85	79	82	107	80	106	81	112	76	104	79	108	77	
28	BP	250584	BP250584	BP 210146	BC 170588	0.0	HH	0	0	0		92	83	110	84	89	81	101	78	120	79	111	74	100	78	106	75	
29	BP	250591	BP250591	BP 210146	BC 170552	0.0	HH	0	0	0		93	82	130	83	105	79	74	76	103	77	110	73	126	76	111	74	
30	BP	250593	BP250593	BP 220688	BC 180559	0.0	HH	0	0	0		121	82	96	80	85	80	130	78	103	78	116	73	90	78	108	74	
31	BP	250594	BP250594	BP 210146	BC 190565	0.0	HH	1	0	0		86	84	124	84	90	81	100	79	109	80	113	75	106	79	109	76	
32	BP	250598	BP250598	BC 190531	BC 170525	0.0	HH	0	0	0		130	85	104	83	96	82	92	80	103	81	112	75	109	80	109	76	
33	BP	250602	BP250602	BP 210146	BC 180555	0.0	HH	0	0	0		110	83	109	83	116	79	92	77	105	78	119	73	105	77	114	74	
34	BP	260008	BP260008	BOS 200463	BP 230132	0.0						91	64	121	59	90	48	96	20	120	34	118	42					
35	BP	260011	BP260011	BC 190531	BP 220156	0.0						93	64	115	58	101	44	94	24	114	32	115	42					
36	BP	260037	BP260037	BP 210146	BP 220193	0.0						79	60	115	53	114	37	99	16	114	25	118	36					
37	BP	260501	BP260501	BOS 200463	BP 210610	0.1						79	64	120	58	108	48	94	30	108	36	111	44					
38	BP	260502	BP260502	BOS 200463	BP 230614	0.0						112	64	111	58	87	47	95	24	120	35	118	43					
39	BP	260517	BP260517	BC 190531	BP 230627	0.0						89	65	120	58	111	46	89	23	114	33	119	42	100	22	114	38	
40	BP	260519	BP260519	BC 190531	BP 210314	0.0						87	62	110	54	119	44	90	21	113	30	115	40	93	22	108	36	
41	BP	260521	BP260521	BC 190531	BP 230644	0.0						92	61	117	54	108	37	88	15	108	26	113	37					
42	BP	260531	BP260531	PR 210150	BP 230357	0.0						121	58	106	49	87	37	94	20	110	28	110	36					
43	BP	260533	BP260533	BC 190531	BP 210613	0.0						92	65	113	59	103	49	92	27	116	34	114	44	96	22	108	40	
44	BP	260541	BP260541	BC 190531	BC 190539	0.0						100	65	107	57	115	48	88	23	106	31	110	42					
												★★★★☆																
1	BP	250014	BP250014	BOS 200463	BC 190033	0.0	HH	0	0	0		124	85	111	85	71	83	100	80	102	81	104	76	82	80	95	77	
2	BP	250031	BP250031	BP 210146	BC 190035	3.1	HH	1	0	0		67	84	133	84	116	81	86	79	95	79	108	75	119	78	107	76	
3	BP	250076	BP250076	BP 210146	BP 130037	0.0	HH	1	0	0		87	84	115	85	82	82	104	79	118	80	109	75	97	79	103	76	
4	BP	250096	BP250096	PR 210150	BP 230309	0.0						110	58	114	61	96	40	94	24	98	27	107	40					
5	BP	250312	BP250312	BC 190531	BP 210325	0.0	HH	0	0	0		78	85	123	85	102	82	83	80	111	81	107	76	102	80	102	77	
6	BP	250316	BP250316	BOS 200463	BP 210307	0.0	HH	0	0	0		81	85	116	86	97	83	84	81	118	82	105	76	102	80	101	77	
7	BP	250529	BP250529	BP 210146	BC 160687	0.0	HH	1	0	0		67	84	133	84	98	81	81	78	105	79	101	75	117	78	100	76	
8	BP	250531	BP250531	BC 190531	BP 220683	0.0	HH	0	0	0		72	84	126	85	100	82	75	80	111	81	101	76	109	80	98	77	
9	BP	250542	BP250542	BP 210146	BC 190560	0.0	HH	0	0	0		75	83	130	83	94	80	88	78	104	79	104	74	117	78	103	75	
10	BP	250566	BP250566	BP 210146	BC 178019	0.0						87	59	110	46	104	35	103	11	105	20	108	32					
11	BP	250570	BP250570	BP 220696	BC 200568	0.0	HH	0	0	0		132	82	94	83	67	80	118	77	113	78	109	73	89	78	102	74	

Selection List on Cow Value
Heifers younger than 2 years

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	
12	BP 250571	BP250571	BP 210146	BC 140544	0.0	HH	1	0	0		8184	11684	7981	10178	11279	10075	9478	9476
13	BP 250573	BP250573	BC 190531	BP 200582	0.0	HH	0	0	0		10484	11185	10082	8179	10780	10375	9880	9876
14	BP 250587	BP250587	BC 190531	BP 230514	0.0	HH	0	0	0		9885	11385	9683	8481	10981	10376	9980	9877
15	BP 260006	BP260006	BC 190531	BP 210114	0.0						9863	10656	9945	9517	11330	10940	9221	10236
16	BP 260014	BP260014	BC 190531	BP 220168	0.0						11759	9249	10539	9411	10323	10234		
17	BP 260015	BP260015		BP 210121	0.0						9450	10230	10833	11023	9624	10529		
18	BP 260026	BP260026	BC 190531	BP 210108	0.0						9663	10956	10445	8917	10930	10740		
19	BP 260503	BP260503	PR 210150	BP 230606	0.0						9961	11654	9342	9125	10533	10640		
20	BP 260511	BP260511	BP 210146	BC 177407	0.0						7659	11349	10641	1028	10322	10534		
21	BP 260528	BP260528	BC 190531	BC 180547	0.0						10765	9957	10948	8919	10630	10441		
22	BP 260530	BP260530	BC 190531	BP 200547	0.0						9860	10549	10740	9311	10724	10735		
23	BP 260534	BP260534	BC 190531	BP 220671	0.0						10662	10056	10540	9617	10531	10539	9227	9937
24	BP 260540	BP260540	PR 210150	BP 230149	0.0						10661	11455	9143	9520	10632	10940		
25	BP 260543	BP260543	PR 210150	BP 220692	0.0						10960	11052	8738	10322	10132	10638	10921	10335
26	BP 260549	BP260549	BP 210146	BP 220637	0.0						10155	10743	10129	988	10718	10929		
27	BP 260550	BP260550	BP 210146	OBS 200098	0.0						9353	11254	8440	11416	10529	10836		
28	BP 268003	BP268003	BC 190531	BP 220179	0.0						10149	10349	11139	9111	10823	10833		
1	BP 250582	BP250582	BP 220711	BC 210516	0.0	HH	1	0	0		10082	9783	9279	10978	9978	9673	9478	9074
2	BP 260526	BP260526	BC 190531	BC 190536	0.0						9865	10357	9549	9820	9931	9542	8920	8938
1	BP 250306	BP250306		OBS 200098	0.0						11752	7855	8935	13014	8625	8935		

	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.

