

BONSMARA

GENOMIC BREEDING VALUE REPORT

August 2025



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SA Stud Book's breeding value analyses are at a very high standard and are internationally accredited. Resulting from the application of the latest scientific knowledge the models were adjusted to enable a more precise determination of current breeding values.

Genomic Breeding Values (GEBVs)



Genomically analyzed animals are marked with the accompanying logo. Older animals with accurate breeding values (Reference Population) are used to determine the relationship between the SNP markers and the breeding values, which are unique to each breed. Production measurements, pedigrees and genomic information are used to estimate Genomic Breeding Values (GEBVs). Genomically tested young animals therefore have extra information with which breeding values can be estimated, especially for complex traits such as fertility and milk.

 Parentages can be determined very accurately using the 50 000 SNP markers, instead of the 15-30 markers with previous DNA tests, provided that the parent has also been genomically tested. Parentages are indicated as follows in this report:

- ☐ The parent has not been tested, and the parentage cannot therefore be confirmed genomically.
- ☒ Parentage is genomically correct
- ☒ Parentage conflict. If the correct parent has been genomically tested, SA Studbook will contact you. If the breeder of the animal confirms that the genomically designated parent was also on the farm at the time of mating, the parentage can be corrected. Please work extremely carefully when collecting and marking hair samples, otherwise the test must be repeated. If there are any queries, please contact Jason Reding at jason@studbook.co.za

Update to the Evaluation

Best scientific practice and technological improvements have made it possible to update the Genomic Evaluation to now take the following into account:

1. **Previous Calf:** A cow whose previous calf died or has not weaned her calf will have its cow fertility and current calf's weaning weight penalized.
2. **The age adjustment** for weaning weight and weight traits is within the contemporary group instead of across the breed as before. This adjustment may affect some herds more than others.
3. **Mature Weight EBV/Maintenance Value** uses the cow's weights at weaning of all her calves, as a repeated measurement, not the first 3 measurements as before. The EBV appears as *Cow Weight Weaning* on the report.

New breeding values

- **Cow weight at birth of the calf**
- **Cow weight at weaning of the calf**
- **Cow-Calf Ratio at birth of the calf.** The Cow-Calf ratio is calculated using the breeding values of the cow and calf.
- **Cow-Calf Ratio at weaning of the calf.** The Cow-Calf ratio is calculated using the breeding values of the cow and calf.
- **Veld growth breeding value:** The growth rate and adaptability from weaning to year or 18 months for animals (in Phase B) on the veld (natural management conditions).
- **Skin thickness:** Skin thickness is an indication of adaptation, where thicker skins protect the animal more against ticks as well as heat (due to an increase in blood vessels in the skin)



EBVs, EBVi's and GEBVs

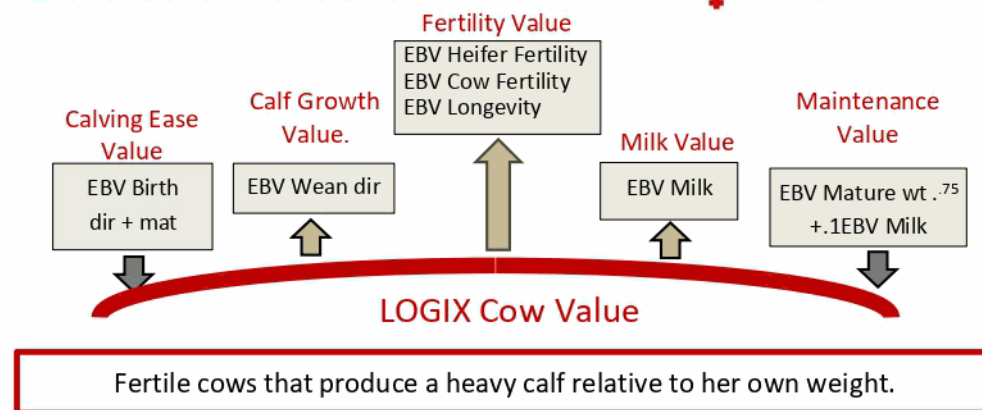
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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.

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.

LOGIX Weaner Calf Value



Select for:

- heavy weaners
- more milk and
- lower birth and
- cow weights

LOGIX Carcass Value



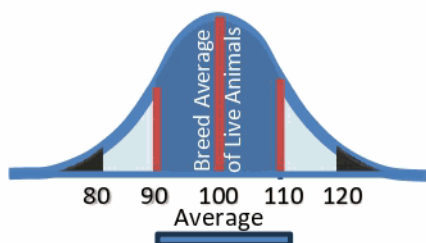
Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

Interpretation of EBVi and Selection Values

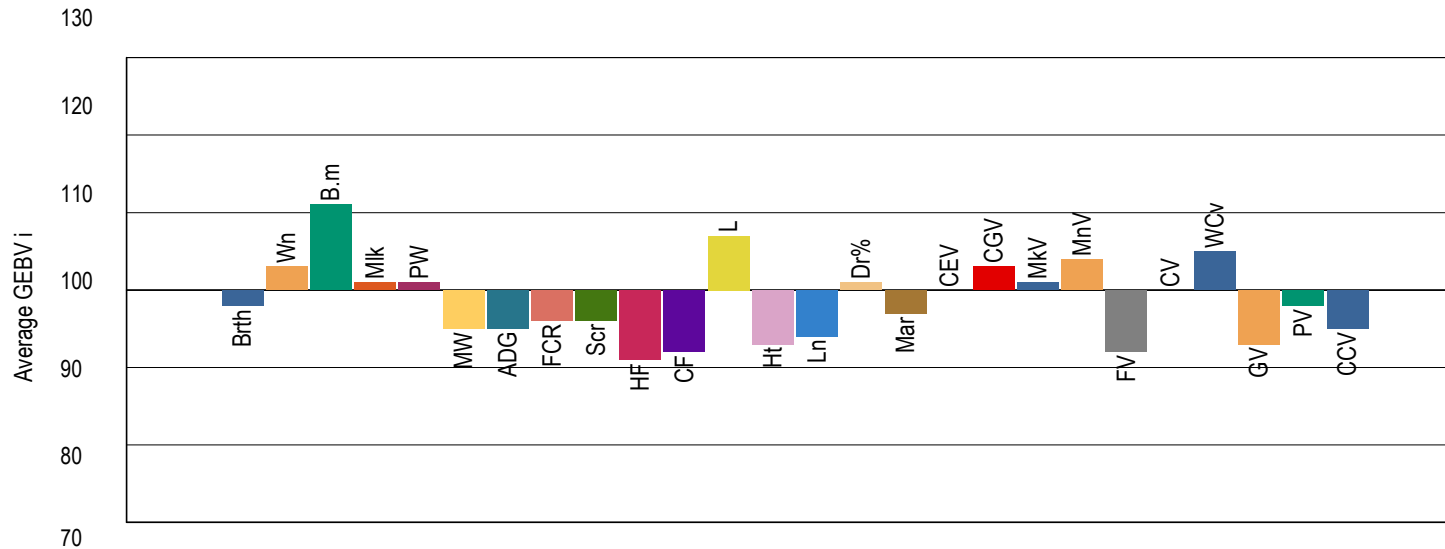


Examples

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

	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 18mnth 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

Herd and Breed Averages



Genomic Breeding Values (GEBVs):

Brth:	Birth weight	Scr:	Scrotal circumf.
Wn:	Weaning weight	HF:	Heifer Fertility
B.m:	Birth maternal	CF:	Cow Fertility
Milk:	Milk	LL:	Longevity
PW:	Post-wean weight	Ht:	Height
MW:	Mature weight	Ln:	Length
ADG:	Average Daily Gain	Dr%:	Dressing%
FCR:	Feed Conversion Ratio	Mar:	Marbling

Selection Values:

CEV:	Calving Ease Value
CGV:	Calf Growth Value
MkV:	Milk Value
MnV:	Maintenance Value
FV:	Fertility Value
CV:	Cow Value
WCV:	Weaner Calf Value
GV:	Growth Value
PV:	Production Value
CCV:	Carcass Value

	Trait	EBV Herd	EBVi Herd	EBV Breed
Prewean Growth	Birth Weight	1.23	98	0.98
	Wean Weight	16.2	103	14.5
	Birth Mat.	-0.82	111	-0.29
	Milk (Wn.Mat.)	4.1	101	3.7
Postwean Growth	Postwean Wt	25.6	101	24.4
	Mature Weight	15	95	22
	ADG	59	95	78
	FCR	-29	96	-36
Fertility	Scrotal Circumf.	10.1	96	12.5
	Heifer Fertility	-2.9	91	-7.9
	Cow Fertility	1.1	92	-0.3
	Longevity	35.0	107	31.2
Frame	Height	-8	93	-3
	Length	8	94	13
Carcass	Dressing%	0.14	101	0.12
	Marbling	-0.29	97	-0.04

Selection Value	Ave. Herd
Calving Ease	100
Calf Growth	103
Milk	101
Maintenance	104
Fertility	92
Cow Value	100
Weaner Calf Value	105
Growth Value	93
Production Value	98
Carcass Value	95

- 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?:

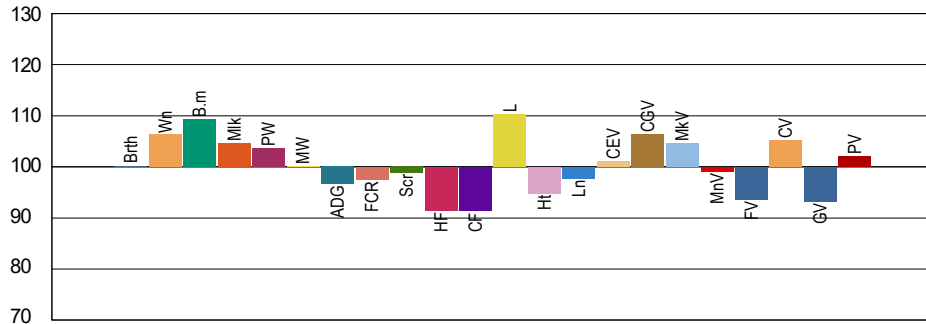
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2022 and earlier

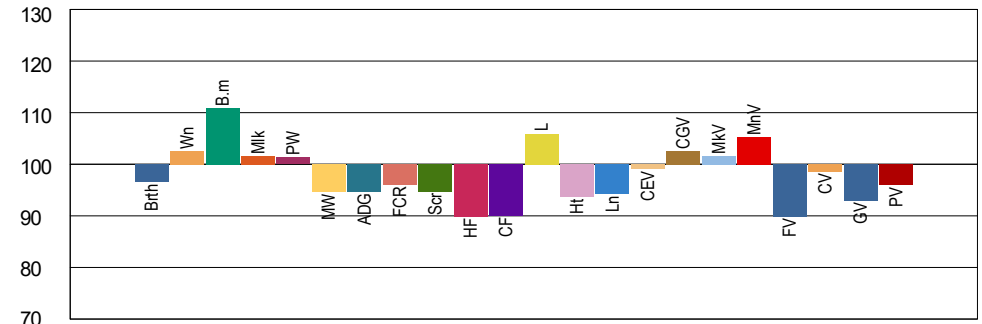
Total: 14



Cow Herd

Cows born in 2023 and earlier

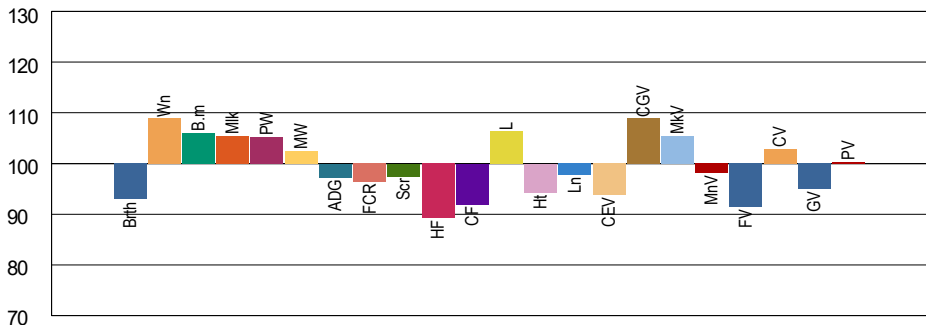
Total: 136



Sires of young animals

Sires of animals 3 years and younger

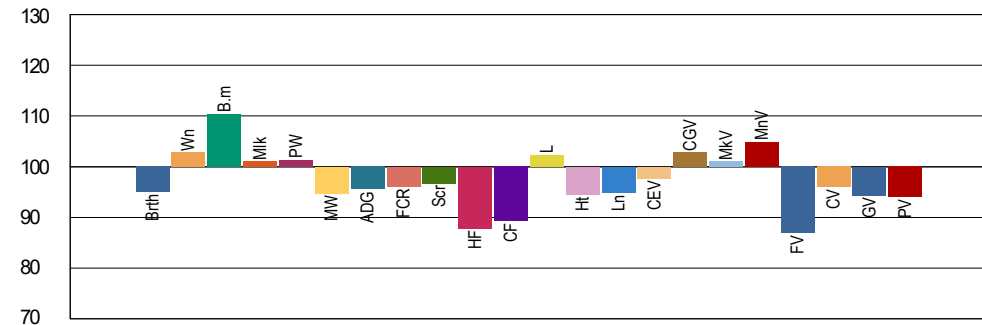
Total: 14



Cows older than 6 years

Cows born in 2019 and earlier

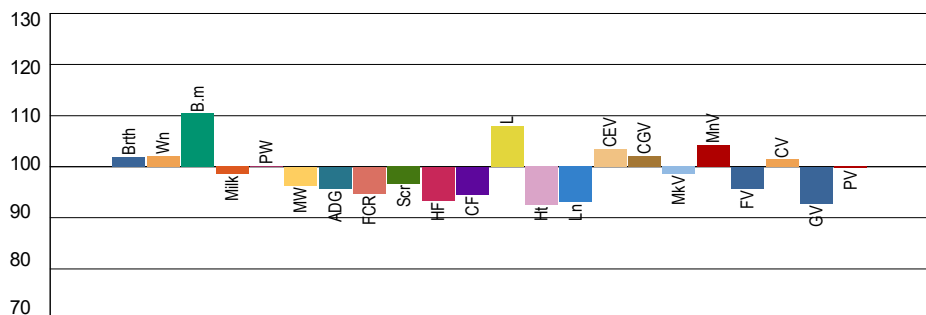
Total: 68



Bull calves

Bulls born in 2024

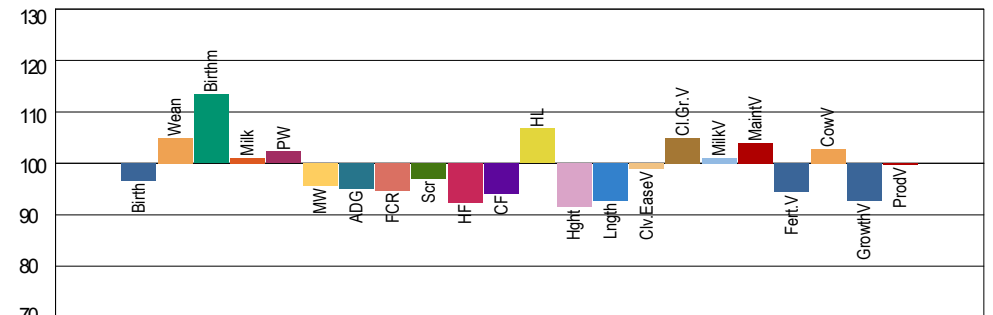
Total: 28



Heifer calves

Heifers born in 2024

Total: 41

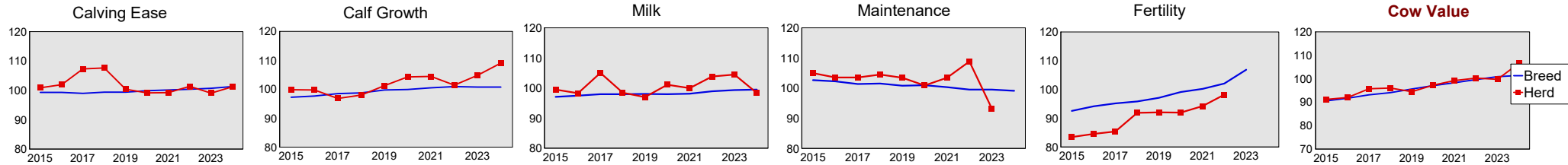


Summary of Cow Herd

			Selection Values (SV)								Calf Weight		Dam		Growth & Efficiency				Fertility				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	FCR	Scrotal Circumf.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
Cows in Breed Average:			100	99	100	100	100	100	99	100	100	99	100	100	99	100	100	100	100	100	100	100	101	100
2008	1	★★★★☆	105	91	83	116	84	81	97	81	103	91	107	83	93	85	97	97	93	82	97	90	87	88
2009	3	★★★★	98	105	101	101	75	92	92	90	95	105	117	101	103	97	93	99	92	85	77	97	97	96
2010	2	★★★★	94	101	112	112	69	90	95	89	94	101	100	112	101	88	90	77	95	66	86	90	77	87
2011	6	★★★★	100	98	97	111	87	92	96	91	97	98	102	97	98	92	96	92	93	88	94	95	98	92
2012	4	★★★★	99	100	101	107	83	92	90	90	97	100	111	101	99	92	88	82	95	85	90	97	84	85
2013	1	★★★★	99	98	94	107	94	92	77	87	97	98	108	94	94	91	83	88	87	88	103	99	80	83
2014	4	★★★★	91	98	98	109	98	93	88	90	95	98	86	98	99	91	91	96	96	103	96	98	94	91
2015	6	★★★★	92	105	105	103	85	96	91	93	90	105	109	105	103	97	92	89	102	89	87	101	94	94
2016	14	★★★★	99	105	100	104	87	98	95	96	97	105	119	100	102	95	97	99	99	89	88	104	99	99
2017	6	★★★★☆	106	103	112	103	90	107	96	105	103	103	116	112	103	95	98	97	96	90	90	108	96	98
2018	9	★★★★	101	103	98	103	85	96	95	94	95	103	112	98	100	96	98	101	99	84	86	107	92	97
2019	12	★★★★	93	105	101	103	91	97	98	95	90	105	110	101	103	97	99	102	96	88	92	107	97	98
2020	12	★★★★☆	104	102	100	108	98	103	89	100	102	102	116	100	101	93	92	97	92	95	93	114	94	94
2021	14	★★★★☆	102	105	104	103	95	106	93	102	98	105	114	104	105	99	95	98	93	92	91	115	93	95
2022	17	★★★★☆	101	102	103	108	90	101	91	98	99	102	110	103	101	92	94	94	94	91	89	107	91	92
2023	25	★★★★	98	101	102	105	92	97	92	95	96	101	109	102	100	95	94	96	92	91	91	106	93	94
2024	41	★★★★☆	99	105	101	104	94	103	93	100	97	105	113	101	102	96	95	95	97	92	94	107	91	93
Cows in Herd Average:			99	102	101	106	88	96	92	94	97	102	109	101	100	94	94	94	95	88	91	102	92	93

Genetic Trends for On-Farm Traits

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



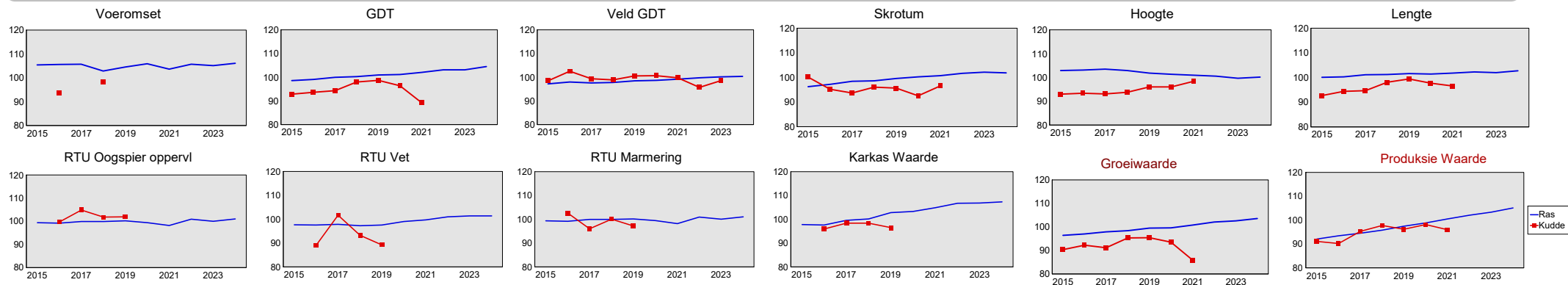
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility								Cow Value
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Mainte-nance	Heifer Fert.		Cow Fert.		Longevity		Ferti-lity			
	Number	Dir EBV			Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	
2015	196	1.23	-0.92	101	162	14.4	100	162	3.51	100	110	24.0	28	13	105	32	0.3	27	1.2	191	24.2	83	91	
2016	217	1.08	-0.89	102	167	14.4	100	167	3.15	98	91	25.9	18	16	104	8	-1.7	19	1.6	208	25.3	85	92	
2017	193	0.51	-0.84	107	148	12.7	97	148	5.20	105	79	24.6	23	15	104	19	-3.2	22	2.6	181	27.1	85	96	
2018	216	0.48	-0.79	108	151	13.4	98	151	3.19	98	85	23.8	27	12	104	30	-4.6	25	1.5	206	28.9	92	96	
2019	183	1.21	-0.94	100	157	15.2	101	157	2.73	97	65	26.5	13	9	103	17	-3.2	15	0.8	171	29.0	92	95	
2020	221	1.34	-0.90	99	184	16.8	104	184	4.00	101	102	27.8	18	15	101	23	-2.9	14	1.2	193	30.9	92	97	
2021	136	1.34	-0.98	99	105	17.0	104	105	3.64	100	56	26.9	8	33	103	15	-2.9	2	1.8	35	31.9	94	99	
2022	122	1.03	-0.70	101	99	15.3	101	99	4.85	104	57	23.8	5	7	109	6	-7.1					98	100	
2023	83	1.25	-0.76	99	61	17.2	105	61	5.03	104	9	34.0			93								100	
2024	88	1.10	-0.83	101	27	19.5	109	27	3.16	98													107	

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance				Fertility								Cow Value
	Birth Weight		Calv. Ease	Mat EBV	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Milk	Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility	
	Number	Dir EBV			Number	EBV		Number	EBV		Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		
2015	46271	1.00	-0.20	99	37666	13.0	97	37666	2.77	97	26417	22.2	6918	21	103	9284	-5.8	6665	0.1	48475	22.1	93	91
2016	43601	1.03	-0.23	99	35930	13.2	98	35930	2.88	97	25538	22.8	6536	21	102	8134	-6.1	6283	-0.1	45333	22.9	94	92
2017	45305	1.05	-0.23	99	37527	13.7	99	37527	3.05	98	26102	23.7	6680	22	101	8515	-6.3	6585	-0.1	46333	23.9	95	93
2018	42996	1.03	-0.27	99	35697	13.8	99	35697	3.04	98	24862	23.8	6622	21	102	7915	-6.4	6295	0.0	43471	24.7	96	94
2019	42957	1.05	-0.29	99	35054	14.4	100	35054	3.05	98	24655	24.7	6801	23	101	8144	-6.9	6565	0.0	42538	25.7	97	96
2020	43029	1.01	-0.31	100	35794	14.4	100	35794	3.04	98	26174	24.8	7170	22	101	8545	-7.7	6178	-0.3	39586	26.3	99	97
2021	43073	0.98	-0.33	100	35910	14.8	100	35910	3.08	98	26557	25.6	5793	23	100	8077	-7.7	2706	-0.5	12422	26.6	100	98
2022	43097	0.97	-0.32	100	36441	15.0	101	36441	3.33	99	26741	26.0	1717	22	100	4313	-8.3	54	-1.4			102	100
2023	44068	0.94	-0.32	101	36519	14.9	101	36519	3.45	99	25170	26.1	6	13	100	170	-9.9					107	101
2024	42001	0.86	-0.31	101	30654	15.0	101	30654	3.50	99	6215	26.4			99								101
2025	12934	0.91	-0.32	101	348	15.3	101	348	3.10	98													98

Genetic Trends for Growth Test and Carcass Traits



Herd

Birth Year	Growth												Frame						Carcass								Selection Values		
	FCR			ADG			Veld Growth			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	Number	EBV	EBVi	RTU Number	EBV	EBVi	EBV	EBVi	EBV	EBVi				
2016	12	-26	94	54	54	94	35	41	103	54	9.8	95	54	-8	93	54	8	94	37	0.65	100	-1.74	89	0.17	103	96	92	90	
2017				39	56	94	14	33	99	39	8.8	94	39	-8	93	39	9	95	28	1.17	105	0.25	102	-0.38	96	98	91	95	
2018	5	-34	98	37	70	98	48	32	99	37	10.2	96	37	-8	94	37	12	98	32	0.86	102	-1.08	93	-0.04	100	98	95	98	
2019				39	73	99	26	36	101	39	10.0	96	39	-6	96	39	13	99	21	0.87	102	-1.73	89	-0.29	97	96	95	96	
2020				53	64	96	47	37	101	53	8.2	93	52	-6	96	53	11	98									94	98	
2021				9	38	89	41	34	100	9	10.5	97	9	-4	98	9	10	97									86	96	
2022							53	25	96																				
2023							7	31	99																				
2024																													

Breed

Birth Year	Growth												Frame						Carcass						Selection Values			
	FCR			ADG			Veld Growth			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	Number	EBV	EBVi		EBV	EBVi	EBV	EBVi					
2016	245	-46	106	7605	74	99	16303	30	98	9082	10.9	97	8941	0	103	7635	14	100	1897	0.55	99	-0.40	98	-0.12	99	98	97	93
2017	659	-46	106	8459	77	100	16290	29	98	9041	11.6	98	8541	0	103	8457	14	101	3129	0.62	99	-0.35	98	-0.05	100	100	98	95
2018	628	-41	103	8227	79	100	15371	30	98	8717	11.7	99	7978	0	103	7980	14	101	2986	0.82	101	-0.44	97	-0.05	100	100	98	96
2019	628	-44	105	8521	81	101	14826	31	99	8900	12.3	100	8361	-1	102	8364	15	102	3151	1.21	105	-0.41	98	-0.03	100	103	100	97
2020	636	-46	106	8817	82	101	15883	32	99	9374	12.7	100	8824	-2	101	8827	15	101	4040	1.01	103	-0.16	99	-0.09	99	103	100	99
2021	664	-42	104	8962	85	102	16240	33	99	9619	13.0	101	9225	-2	101	9224	15	102	3802	1.11	104	-0.06	100	-0.20	98	105	101	100
2022	728	-46	106	8922	89	103	16140	34	100	9815	13.5	102	9649	-2	101	9652	15	102	4279	1.22	105	0.15	101	0.03	101	107	102	102
2023	763	-45	105	8751	89	103	14921	35	100	9447	13.8	102	9540	-3	100	9531	15	102	4118	1.28	106	0.20	101	-0.04	100	107	103	103
2024	328	-46	106	2120	95	105	3926	36	100	2067	13.6	102	2257	-3	100	2220	16	103	1495	1.19	105	0.21	101	0.04	101	107	104	105
2025																												

Sires

Bull			Selection Values										Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass				Progeny	
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt birth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	Nr measured	
ID																																			Comp.nr	Birth
AVK 170227 86342078		KVB 140118 JRP 140002	94	110	99	87	77	90	104	103	90	108	111	92	122	114	110	99	101	115	105	121	95	69	89	85	75	104	86	104	101	94	108	100	45	38
			87	90	69	72	52	71	83	47	66	25	38	1.82	-4.5	42	19.9	3.4	74	38.3	95	85	-29	-1.34	6.0	0.6	4.0	33.4	-14	16.6	0.80	-0.99	0.60	0.13	6	7
BP 120024 75521286		LAR 990404 BP 030034	99	104	80	101	103	94	93	78	89	90	96	99	125	98	104	80	87	100	81	116	91	97	98	108	104	95	91	98	97	99	98	97	53	40
			90	91	78	76	63	75	87	66	73	64	17	1.09	-4.9	18	16.6	-2.5	41	24.8	7	74	-22	0.17	11.3	-12.2	-1.1	28.0	-10	11.7	0.38	-0.18	-0.24	0.06	11	6
CEF 990287 42505842		CEF 950270 CEF 930129	104	108	98	95	93	104	108	93	101	100	99	105	101	104	108	98	104	105	96	105	84	93	107	92	103	85	106	87	90	100	99	90	461	437
			99	99	98	98	95	90	99	94	91	94	21	0.47	-1.7	27	19.0	3.1	82	29.1	63	46	-11	-0.05	16.5	-3.3	-0.9	22.4	2	2.1	-0.33	-0.09	-0.15	-0.06	175	141
DAJ 050055 61589792		CEF 020327 DAJ 030002	116	99	94	107	91	100	102	88	96	88	89	113	112	92	99	94	98	100	88	101	91	72	96	88	105	89	80	91	120	66	102	113	170	158
			97	97	94	93	80	85	96	73	83	70	8	-0.40	-3.1	9	13.8	1.7	66	24.0	31	36	-22	-1.18	10.4	-1.2	-1.1	24.7	-18	5.3	2.66	-5.41	0.08	0.38	52	39
DAJ 150244 82832841		MMJ 060226 JRP 110002	77	104	112	111	74	87	106	81	83	88	94	75	71	87	104	112	123	95	81	77	82	105	74	84	81	87	91	94	108	83	93	104	63	54
			90	92	78	78	60	75	87	53	71	40	15	3.56	2.3	3	16.7	7.3	127	20.1	5	-19	-7	0.60	-2.4	0.9	2.9	23.8	-10	8.1	1.45	-2.74	-0.64	0.21	9	9
DAJ 170032 85078277		KHB 100093 DAJ 140087	125	89	96	135	103	111	103	80	104	84	71	123	129	70	89	96	103	88	84	95	89	93	87	104	96	110	81	76	90	101	95	90	142	100
			92	95	74	74	56	75	88	56	71	34	-16	-1.48	-5.4	-23	8.6	2.3	80	13.6	19	22	-18	-0.06	4.9	-10.3	0.4	37.1	-18	-7.9	-0.32	0.15	-0.51	-0.07	13	8
DAJ 180044 86929197		LAR 120230 DAJ 100103	104	89	90	119	95	88	86	106	89	100	80	108	83	84	89	90	89	89	104	82	91	103	106	92	100	100	87	84	98	97	89	98	60	57
			89	92	73	74	55	73	86	58	70	34	-4	0.10	0.7	-2	8.6	0.6	44	14.1	92	-8	-21	0.47	15.8	-3.3	-0.4	31.0	-13	-1.0	0.48	-0.54	-0.95	0.08	25	8
EI 940339 33375593		EI 920079 EI 920048	114	98	115	107	48	88	111	103	88	96	101	112	123	90	98	115	117	104	103	111	104	119	98	74	52	84	82	88	104	78	75	100	742	731
			99	99	99	99	97	91	99	96	92	95	25	-0.23	-4.6	7	13.5	8.3	113	27.7	88	62	-43	1.34	11.4	6.4	8.0	21.9	-16	2.5	1.04	-3.48	-2.14	0.12	197	202
GCD 050148 62208160		EI 940339 GCD 960035	102	100	106	115	82	98	107	115	101	106	88	103	90	86	100	106	114	105	112	102	100	101	105	86	92	89	77	91	106	90	107	104	345	305
			98	98	97	96	87	88	98	76	86	78	6	0.65	-0.3	0	14.4	5.4	105	29.0	124	40	-36	0.36	15.3	0.0	1.1	25.0	-21	5.7	1.24	-1.60	0.56	0.20	90	78
GCD 090112 68444975		DAJ 050055 GCD 040007	101	102	105	103	85	98	106	83	93	94	92	99	119	95	102	105	109	103	82	102	70	52	117	81	103	87	77	81	147	92	86	147	361	318
			98	98	95	94	80	86	97	71	83	78	13	1.09	-4.1	14	15.9	5.1	94	27.5	11	40	12	-2.27	22.6	2.4	-0.9	23.8	-21	-3.2	5.39	-1.29	-1.20	1.01	94	61
GCD 100100 70696273		DAJ 050055 GCD 070022	96	105	91	99	103	98	99	82	94	92	100	94	120	100	105	91	97	99	89	67	95	76	100	87	120	96	86	93	108	86	112	105	31	28
			88	87	78	74	59	72	84	66	71	59	23	1.58	-4.2	22	17.2	1.0	64	23.3	36	-45	-28	-0.98	12.4	-0.8	-3.8	28.8	-13	7.4	1.49	-2.27	0.95	0.22	12	5
GCD 120128 75436584		GCD 050148 GCD 100007	104	86	102	126	84	87	92	88	84	87	80	99	103	79	86	102	100	91	86	104	87	94	80	92	95	85	83	86	93	76	107	90	56	40
			89	90	76	74	63	74	85	66	72	68	-4	1.11	-2.0	-10	6.6	4.4	71	15.8	23	45	-15	-0.01	1.1	-3.3	0.5	22.2	-16	1.3	0.02	-3.80	0.51	-0.08	17	5
GCD 150113 81378648		LAR 070090 GCD 110040	88	125	108	82	56	95	127	118	99	123	130	86	105	120	125	108	118	121	117	111	107	129	82	66	54	108	109	113	107	91	113	106	204	196
			96	98	92	91	88	86	96	88	86	85	64	2.47	-2.3	51	28.2	6.0	114	43.6	142	60	-48	1.86	2.3	10.7	7.6	35.6	4	25.3	1.42	-1.49	1.02	0.24	32	16
GCD 160122 83624346		GCD 110130 GCD 100023	119	88	78	122	76	79	86	87	77	75	86	116	123	83	88	78	76	85	94	92	107	132	124	89	79	89	91	88	108	85	83	105	20	12
			83	82	64	61	50	65	76	46	61	41	8	-0.74	-4.6	-4	8.0	-3.3	13	10.7	56	15	-48	2.02	26.3	-1.8	3.3	24.8	-10	3.1	1.49	-2.43	-1.45	0.21	1	2
													37	88	70	61	82	64	69	66	62	21	23	77	74	45	32	72	71	63	39	43	39	41		

Sires

Bull			Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass				Progeny		
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	Nr measured	
ID																																			Comp.nr	Birth
GCD 160123 83625186	GCD 110130 GCD 120025	87	108	105	102	66	87	109	95	86	89	101	83	99	96	108	105	114	107	101	89	105	109	114	61	81	97	94	98	106	71	81	101	28	11	
		84	81	64	63	49	65	76	46	61	45	25	2.76	-1.5	16	19.1	5.1	106	30.6	81	10	-44	0.81	20.9	13.4	2.8	29.7	-8	11.7	1.24	-4.55	-1.60	0.14	2	3	
GCD 170165 85837250	TOR 070049 GCD 100010	93	113	132	82	83	111	123	103	109	110	125	94	102	118	113	132	127	116	110	104	105	97	117	82	82	108	88	103	122	96	98	121	30	26	
		85	87	64	61	55	68	79	54	65	64	56	1.62	-1.8	48	21.5	13.7	138	39.1	114	44	-44	0.14	22.6	2.1	2.7	36.0	-12	15.7	2.88	-0.64	-0.19	0.52			
GCD 200142 90581133	TOR 070049 GCD 120025	104	104	116	98	78	101	113	92	98	99	110	100	110	100	104	116	118	104	96	85	92	108	107	73	79	115	81	92	105	95	99	104	8	8	
		78	80	63	62	52	64	74	53	62	48	36	1.01	-2.9	21	16.6	8.7	114	28.0	62	-2	-23	0.75	16.3	7.1	3.2	39.9	-17	6.7	1.18	-0.86	-0.17	0.20			
GCD 200146 90595919	DAJ 170032 GCD 180004	127	84	110	128	104	112	101	79	105	82	81	124	124	76	84	110	107	85	81	100	81	94	85	108	87	123	65	67	87	105	93	88	27	21	
		82	85	56	53	42	62	75	48	59	30	-3	-1.54	-4.8	-14	5.4	6.8	89	10.7	5	34	-6	0.01	4.0	-12.3	1.9	44.8	-30	-15.5	-0.58	0.70	-0.60	-0.10	3		
GCD 210101 91579151	MOR 160068 GCD 120031	84	118	97	96	92	103	115	78	97	90	106	79	103	103	118	97	113	106	81	94	81	116	100	90	83	119	92	90	95	94	87	94	13		
		79	71	57	56	40	57	68	42	54	24	31	3.15	-1.9	26	24.3	2.9	103	29.4	5	22	-6	1.19	12.4	-2.2	2.6	42.3	-9	5.0	0.14	-1.00	-1.12	0.00			
GFM 190262 89496798	GCD 140124 OLI 140252	76	113	109	79	88	92	107	112	95	121	120	73	91	124	113	109	107	109	110	96	105	103	102	84	93	101	119	116	119	120	99	122	15	14	
		80	83	62	59	44	63	76	43	59	42	50	3.76	-0.4	58	21.8	6.6	88	32.1	116	26	-45	0.47	13.9	0.8	0.8	31.7	12	27.5	2.61	3.14	-0.10	0.55	2		
HBT 130088 78157740	HBT 100017 HBT 110006	86	95	91	126	79	79	92	87	77	91	80	86	111	79	95	91	98	88	90	105	105	99	86	79	87	96	80	87	92	112	86	94	120	103	
		93	95	83	83	64	78	91	64	75	70	-4	2.43	-3.1	-9	11.8	0.8	67	13.1	40	46	-45	0.24	4.3	3.6	1.9	29.0	-18	2.0	-0.14	1.90	-1.25	0.00	25	13	
JOY 130002 77173482	GCD 090175 JOY 100107	118	102	122	86	112	124	112	86	117	100	109	123	106	114	102	122	112	103	89	97	94	94	125	105	108	110	89	91	107	79	98	103	152	141	
		96	97	91	91	71	83	95	32	73	30	34	-1.46	-2.4	42	15.9	10.4	101	27.5	35	28	-27	-0.02	26.8	-10.9	-1.7	36.9	-12	5.2	1.35	-3.34	-0.17	0.18	37	108	
JOY 150027 81648412	NPT 090081 JOY 100107	100	101	118	89	78	94	102	103	94	105	110	108	89	111	101	118	110	101	101	87	98	84	102	74	86	98	92	96	98	90	103	96	103	81	
		90	94	72	65	54	72	86	40	66	37	36	0.11	-0.1	37	15.0	9.2	96	25.5	82	3	-33	-0.57	13.9	6.5	2.0	30.1	-9	10.0	0.44	-1.64	0.21	0.05	10	3	
JOY 190052 88740923	JOY 130002 JOY 150034	99	108	124	89	95	113	116	101	111	108	109	104	95	110	108	124	121	109	107	102	108	94	126	87	91	117	105	114	108	88	102	106	35	28	
		84	87	62	59	46	66	78	24	58	17	35	0.58	-1.0	37	19.1	11.0	124	32.3	104	39	-50	0.01	27.5	-0.7	1.1	41.0	1	25.7	1.52	-1.98	0.12	0.25	1		
JRB 980158 40418063	JRB 930173 JRB 920176	99	102	90	127	85	97	105	73	90	84	72	101	81	78	102	90	106	100	81	87	87	86	78	122	75	78	117	101	112	88	81	109	156	135	
		97	97	96	95	81	86	97	68	82	54	-15	0.91	0.9	-11	15.7	0.5	86	24.1	8	5	-15	-0.46	-0.2	-19.9	4.0	18.2	11	13.9	1.90	-1.86	-1.68	0.30	29	59	
JRP 130013 76921063	LAR 070055 JRP 090022	90	109	105	95	82	95	107	86	91	91	107	91	94	104	109	105	111	103	85	77	103	101	77	85	87	96	98	96	123	84	104	119	32	19	
		87	85	72	70	59	70	81	55	67	65	33	1.93	-0.9	28	19.4	5.3	97	27.4	21	-20	-42	0.36	-0.9	0.1	2.0	28.6	-4	10.0	2.99	-2.50	0.25	0.49	6	3	
KHB 100093 71476741	TOR 020012 KHB 080074	92	106	131	110	81	111	123	96	108	101	88	93	87	87	106	131	142	101	97	100	107	82	79	96	82	83	103	105	96	102	98	97	97	89	
		96	96	92	92	89	86	95	90	87	86	6	1.76	0.1	3	17.7	13.2	174	25.1	68	34	-48	-0.63	0.3	-5.9	2.8	21.3	0	17.5	0.28	0.26	-0.24	0.06	32	12	
LAR 070090 64983695	BG 040088 LAR 040288	84	112	111	98	72	94	115	84	90	94	110	77	101	100	112	111	121	105	86	93	75	119	97	84	65	102	91	89	104	86	82	101	183	155	
		98	98	96	96	93	89	97	92	90	92	36	3.41	-1.7	21	21.1	7.2	123	28.5	24	18	4	1.31	11.1	0.7	5.7	32.5	-10	4.0	1.05	-2.15	-1.52	0.15	54	58	

Sires

Bull			Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass				Progeny			
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	Nr measured		
ID																																			Comp.nr	Birth	Wean
																																				Grwth Test	Dght&clv (Weaned)
LAR 070181	LAR 030071	81	136	90	74	84	107	132	118	110	127	130	66	113	73	136	90	90	107	131	112	104	103	124	101	93	80	99	102	115	127	96	102	126	60	55	
65096067	LAR 040252	91	93	84	81	66	78	90	51	73	34	64	4.55	-3.4	64	94	84	86	89	52.1	124	46	-41	1.57	13.2	-4.0	3.0	30.7	-1	26.2	3.36	-0.64	0.11	0.62	12	61	
LAR 090281	LAR 070090	77	114	106	83	81	90	107	103	91	114	116	70	90	73	119	114	106	108	112	103	92	93	109	105	75	86	107	93	95	105	113	97	108	188	183	
69427102	LAR 050151	97	97	94	93	79	85	96	73	83	82	45	4.10	-0.3	83	98	95	91	93	34.8	91	16	-25	0.81	15.3	5.8	2.0	35.5	-8	8.6	1.23	2.07	-0.27	0.27	64	49	176
LAR 100031	LAR 060224	79	139	126	81	61	118	152	144	125	132	121	77	97	119	139	126	144	136	137	112	137	114	115	80	53	103	105	137	147	77	84	147	258	216		
71208813	LAR 070208	97	98	93	93	78	85	96	76	83	78	51	3.36	-1.1	87	98	94	178	93	56.8	218	62	-96	1.07	21.3	3.0	7.7	32.8	1	46.4	5.39	-3.70	-1.39	1.01	66	55	143
MMJ 060226	MMJ 030164	80	99	111	108	65	78	97	86	76	92	94	91	56	90	99	111	116	96	91	91	89	114	113	92	61	85	98	93	98	84	81	96	128	120		
63716187	MMJ 020249	96	96	92	90	77	84	94	63	80	66	15	1.96	4.2	82	97	92	109	6	14.0	7.2	109	95	90	59	34	95	-4	6.9	0.50	-2.51	-1.62	0.04	40	29	117	
MOR 160068	TOR 120234	83	124	79	91	102	104	111	82	98	94	111	80	113	110	124	79	99	112	86	97	92	108	95	98	98	112	102	102	97	90	91	95	143	126		
85620185	MOR 130004	92	96	78	82	56	76	90	49	71	14	38	3.03	-3.3	72	97	84	85	70	34.8	24	28	-23	0.75	9.7	-6.7	0.0	38.0	-1	14.8	0.38	-1.58	-0.83	0.04	30	15	15
NFS 140024	DKN 090345	84	113	113	91	81	99	114	107	99	116	107	80	101	108	113	113	119	113	108	109	122	75	79	71	96	99	109	111	124	121	97	126	160	133		
80091028	NFS 110146	93	96	81	83	59	78	91	78	78	74	33	3.07	-1.8	65	97	86	117	83	35.8	108	55	-72	-1.02	0.1	8.1	0.4	30.7	4	23.2	3.04	3.30	-0.26	0.62	29	17	29
NPT 060038	NPT 010066	84	132	78	92	76	100	123	98	98	112	111	69	101	109	132	78	107	115	96	85	96	112	113	81	83	86	106	109	119	90	111	117	117	110		
62749916	NPT 990174	96	96	92	90	73	83	94	64	79	47	38	4.25	-1.7	85	97	92	87	35	32.1	-3.0	87	37.9	63	-2	-31	0.96	19.9	2.4	2.6	2.61	-1.67	0.87	0.45	27	32	161
NPT 070170	NPT 040187	112	96	78	100	130	105	86	90	101	90	94	112	104	99	96	78	78	99	96	78	93	102	93	121	102	94	92	119	131	97	71	93	115	71	277	244
65233017	NPT 050053	98	98	95	95	82	87	97	78	85	90	14	-0.33	-2.2	94	99	96	18	21	26.6	53	84	-40	0.01	7.7	-18.7	-5.6	29.6	-15	6.0	-2.27	-1.13	1.20	-0.44	80	69	300
NPT 090180	 NPT 060011	106	99	76	134	91	95	99	79	90	78	69	105	88	72	99	76	92	87	80	72	73	100	63	110	88	89	75	75	94	82	85	91	97	82		
69439966	 NPT 000093	96	96	92	92	88	86	95	88	86	83	-19	0.42	0.0	91	97	93	53	12.5	1	-31	7	0.32	-8.8	-13.5	1.7	24.8	-22	-8.3	0.09	-2.88	-1.31	-0.05	33	23	52	
NPT 130248	NPT 060011	101	112	69	98	110	101	99	119	104	113	102	97	115	102	112	69	84	116	121	132	111	79	98	107	117	94	103	110	93	83	121	91	107	79		
78724077	NPT 070143	92	94	80	77	62	77	89	68	75	76	25	1.32	-3.6	59	96	83	32	39.1	155	112	-54	-0.84	11.4	-11.6	-3.2	27.6	0	21.9	-0.01	-2.73	1.74	-0.04	25	9	30	
NPT 210146	DAJ 180044	85	102	107	95	106	99	97	109	100	109	100	91	80	103	102	107	107	102	109	100	98	107	103	100	105	110	88	96	104	100	104	104	17			
92626696	NPT 160135	79	70	54	53	38	56	66	42	53	19	22	1.89	1.0	52	86	63	88	26	15.8	5.9	88	26.1	113	35	-33	0.66	-4	10.0	1.03	-0.02	0.31	0.19				
TOR 070049	FCT 000065	139	87	119	110	84	110	109	97	107	98	103	135	131	88	87	119	111	93	100	96	100	115	90	103	69	109	78	88	103	114	97	105	573	494		
65994774	RAI 000032	99	99	97	97	87	88	98	84	87	88	27	-2.65	-5.7	95	99	98	99	3	7.6	9.4	99	18.1	79	26	-37	1.09	-20	2.4	0.98	2.15	-0.29	0.22	101	136	496	
TOR 110079	TOR 080199	115	93	126	107	54	91	110	101	91	93	103	113	106	90	93	126	122	97	102	100	99	135	102	81	49	90	95	92	109	80	85	105	115	115		
73832149	TOR 080248	94	96	87	86	68	81	93	82	81	72	27	-0.42	-2.4	82	97	89	126	7	10.6	11.7	126	21.9	83	35	-35	2.19	-6	6.1	1.59	-3.10	-1.30	0.23	34	18	66	
TOR 120234	TOR 080086	108	110	94	90	78	96	108	82	92	93	109	104	116	110	110	94	99	104	82	103	78	73	93	69	93	94	75	82	87	92	92	86	99	88		
76236876	TOR 070061	93	95	86	87	67	80	92	53	75	26	35	0.51	-3.7	84	96	88	69	36	19.9	1.8	69	28.0	8	42	-1	-1.12	-23	-2.4	-0.65	-1.35	-0.75	-0.15	13	19	58	

Sires

Bull			Selection Values											Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass				Progeny		
Index EBV Acc	ID Comp.nr	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	Nr measured		
																																				Birth	Wean	
																																					Grwth Test	Dght&clv (Weaned)
TOR 180202 88581889		TOR 140009 TOR 130093	98	132	90	80	85	113	131	121	115	130	130	99	107	125	132	90	107	127	119	100	105	87	86	90	87	95	99	114	113	88	102	112	71	60		
			95	95	89	89	88	85	93	88	86	86	64	1.09	-2.5	58	32.0	0.5	89	49.1	149	34	-44	-0.40	4.5	-2.5	1.8	28.0	-3	26.2	1.99	-1.90	0.16	0.34	12	3	3	
TOR 200066 90997867		VPT 130082 TOR 120077	85	114	96	91	102	103	107	95	100	110	112	85	122	109	114	96	105	108	99	79	100	134	129	85	118	100	88	99	103	114	110	105	10			
			78	72	62	60	45	60	70	42	56	20	40	2.56	-4.4	35	22.4	2.3	83	31.5	75	-15	-37	2.14	29.6	0.4	-3.4	31.4	-12	12.8	0.94	2.17	0.77	0.22				
VPT 130082 78435211		TOR 070088 MCU 040033	75	130	93	82	102	110	121	110	110	125	122	62	121	121	130	93	110	121	105	98	101	127	114	62	132	104	94	115	113	131	125	118	170	164		
			97	97	94	95	90	87	96	90	88	85	53	4.96	-4.4	53	30.8	1.4	95	43.1	97	30	-39	1.74	20.8	13.0	-5.8	33.6	-7	26.8	1.98	4.81	2.08	0.46	51	48	107	
WDS 190158 90267634		NPT 090180 WDS 160014	93	106	94	107	86	93	103	90	91	93	91	94	88	92	106	94	105	98	91	80	89	91	74	93	91	92	102	95	101	92	92	100	61	56		
			86	91	60	57	45	67	80	47	63	21	11	1.60	-0.1	9	17.6	1.9	84	22.9	44	-13	-18	-0.16	-2.5	-4.1	1.2	26.6	-1	8.6	0.78	-1.32	-0.71	0.11	6			

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency				Carcass				
Test Code	Sex	Test number	Sire ID	Cow	Wean	End-	Length	Height	Length/	Scrotum	Intake	ADG	FCR	Growth	EMA	Fat	Marbling	Dress %	Carcass
Test Station		ID	Dam ID	Value	dir	wt			Height					Value	Eye muscle Area				Value
201801 D11 M		0552084BON																	
STIRK		DAJ 170032 85078277	KHB 100093 DAJ 140087	111	89	78	76	81	96	87	116	84	89	80	90	101	95	90	84
				75	95	5	-8	-18	1.14	4.9	0.12	19	-18	56	-0.32	0.15	-0.51	-0.07	34
						81	78	83	80	85	32	76	32		32	36	33	34	
202002 D11 M		0695403BON		93	106	95	95	102	89	74	104	91	89	90	101	92	92	100	93
SWAERSHOEK BONSMARAS		WDS 190158 90267634	NPT 090180 WDS 160014	67	91	21	9	-1	1.12	-2.5	0.33	44	-18	47	0.78	-1.32	-0.71	0.11	21
						75	70	78	74	80	19	69	19		20	22	20	21	
202101 D11 M		0549997BON		103	114	102	99	88	120	129	103	99	100	95	103	114	110	105	110
TEMPEVALE BONSMARAS		TOR 200066 90997867	VPT 130082 TOR 120077	60	72	28	13	-12	1.21	29.6	0.35	75	-37	42	0.94	2.17	0.77	0.22	20
						67	63	70	66	72	18	62	18		19	20	19	20	
202202 D11 M		0115673BON		99	102	107	96	98	97	103	82	109	98	109	104	100	104	104	109
THOMPSON		NPT 210146 92626696	DAJ 180044 NPT 160135	56	70	32	10	-4	1.14	14.3	0.72	113	-33	42	1.03	-0.02	0.31	0.19	19
						67	63	70	66	73	16	62	16		18	20	18	19	

Breeding Values and Accuracies: Bulls

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
			Sire ID Dam ID																																
MOR 160068 85620185	1	TOR 120234 MOR 130004		83 92	124 96	79 78	91 82	102 56	104 76	111 90	82 49	98 71	94 14	111 38 72	80 3.03 97	113 -3.3 84	110 36 82	124 27.6 96	79 -3.0 78	99 70 85	112 34.8 93	86 24 81	97 28 45	92 -23 13	108 0.7 90	95 9.7 89	98 -6.7 64	98 0.0 27	112 38.0 78	102 -1 87	102 15 82	97 0.38 14	90 -1.58 15	91 -0.83 14	95 0.04 14
DAJ 170032 85078277	1	KHB 100093 DAJ 140087		125 92	89 95	96 74	135 74	103 56	111 75	103 88	80 56	104 71	84 34	71 -16 53	123 -1.48 97	129 -5.4 81	70 -23 74	89 8.6 95	96 2.3 74	103 80 81	88 13.6 88	84 19 76	95 22 21	89 -18 32	93 -0.1 87	87 4.9 85	104 -10.3 62	96 0.4 28	110 37.1 78	81 -18 83	76 -8 78	90 -0.32 32	101 0.15 36	95 -0.51 33	90 -0.07 34
JOY 190052 88740923	1	JOY 130002 JOY 150034		99 84	108 87	124 62	89 59	95 46	113 66	116 78	101 24	111 58	108 17	109 35 26	104 0.58 91	95 -1.0 69	110 37 59	108 19.1 87	124 11.0 62	121 124 69	109 32.3 82	107 104 35	102 39 35	108 -50 9	94 0.0 0	126 27.5 47	87 -0.7 47	91 1.1 27	117 41.0 65	105 1 46	114 26 40	108 1.52 16	88 -1.98 18	102 0.12 16	106 0.25 17
WDS 190158 90267634	1	NPT 090180 WDS 160014		93 86	106 91	94 60	107 57	86 45	93 67	103 80	90 47	91 63	93 21	91 11 48	94 1.60 94	88 -0.1 69	92 9 57	106 17.6 91	94 1.9 60	105 84 69	98 22.9 68	91 44 69	80 -13 16	89 -18 19	91 -0.2 83	74 -2.5 80	93 -4.1 43	91 1.2 27	92 26.6 66	102 -1 78	95 9 70	101 0.78 20	92 -1.32 22	92 -0.71 20	100 0.11 21
TOR 200066 90997867	2	VPT 130082 TOR 120077		85 78	114 72	96 62	91 60	102 45	103 60	107 70	95 42	100 56	110 20	112 40 58	85 2.56 83	122 -4.4 67	109 35 60	114 22.4 72	96 2.3 62	105 83 65	108 31.5 65	99 75 62	79 -15 16	100 -37 18	134 2.1 76	129 29.6 72	85 0.4 48	118 -3.4 28	100 31.4 60	88 -12 70	99 13 63	103 0.94 19	114 2.17 20	110 0.77 19	105 0.22 20
GCD 210123 92338821	2	GCD 150113 GCD 140074		98 71	112 72	104 58	84 57	79 43	97 57	111 67	103 38	97 53	105 34	121 51 49	96 1.36 75	109 -2.8 63	117 47 57	112 21.3 72	104 4.9 58	105 84 62	114 36.8 70	106 101 52	141 133 20	107 -48 23	115 1.1 56	89 6.2 56	80 3.0 44	74 4.1 29	114 39.2 57	106 2 55	109 21 52	96 0.26 33	87 -2.13 35	106 0.44 33	94 0.01 34
GCD 210156 93002061	2	GCD 170165 GCD 160081		88 67	124 68	121 50	83 47	86 37	117 52	133 62	98 34	114 48	107 38	123 54 33	85 2.55 72	108 -2.6 56	118 48 47	124 27.8 68	121 10.1 50	128 141 55	118 40.9 50	103 88 41	86 1 19	104 -44 23	104 0.5 42	105 15.2 47	81 2.5 34	82 2.7 26	115 40.2 50	99 -4 46	107 19 42	121 2.78 36	93 -1.11 40	102 0.14 36	119 0.49 38
NPT 210146 92626696	1	DAJ 180044 NPT 160135		85 79	102 70	107 54	95 53	106 38	99 56	97 66	109 42	100 53	109 19	100 22 52	91 1.89 86	80 1.0 63	103 26 53	102 15.8 70	107 5.9 54	107 88 59	102 26.1 64	109 113 62	100 35 16	98 -33 16	107 0.7 77	103 14.3 73	100 -8.0 41	105 -1.1 22	110 36.9 52	98 -4 70	96 10 63	104 1.03 18	100 -0.02 20	104 0.31 18	104 0.19 19
GCD 220104 93342517	1	DAJ 170032 GCD 170068		126 68	94 69	105 52	108 53	87 41	104 54	104 64	86 38	99 51	89 30	95 16 38	122 -1.31 73	125 -5.0 59	90 7 53	94 10.9 69	105 5.1 52	103 79 58	96 21.0 69	90 40 48	105 47 21	94 -27 26	102 0.4 53	92 8.1 52	89 -1.7 43	83 2.6 26	112 38.0 54	85 -14 51	84 -1 49	93 0.01 29	103 0.43 31	94 -0.58 29	94 0.00 30
GCD 220111 93973105	2	DAJ 170032 GCD 170038		106 68	108 69	109 52	104 52	92 37	113 53	118 64	93 34	109 49	100 26	94 15 32	101 0.83 73	114 -3.4 58	93 12 52	108 18.9 69	109 6.6 52	120 120 58	102 26.4 69	96 64 45	105 47 15	97 -32 21	99 0.2 51	98 11.1 50	91 -2.9 39	87 2.0 21	113 39.0 52	97 -5 49	98 12 46	103 1.02 24	94 -0.99 27	98 -0.23 25	102 0.17 26
GCD 220116 93973154	1	DAJ 170032 GCD 170055		126 69	97 71	91 54	106 53	96 40	104 55	101 65	88 37	100 51	91 29	98 20 37	123 -1.38 74	128 -5.4 60	93 11 53	97 12.6 71	91 1.0 54	93 54 59	98 23.0 60	92 49 47	90 10 20	93 -26 25	102 0.4 52	89 6.1 51	100 -7.9 42	86 2.1 25	115 40.0 54	83 -16 50	84 -1 47	99 0.55 28	100 -0.01 30	92 -0.74 29	98 0.09 29
GCD 220117 93342541	1	DAJ 150244 GCD 130172		93 70 42	100 60 74	102 56 56	105 54 74	83 39 39	88 52 52	99 60 60	74 35 35	82 49 49	82 28 28	96 17 42	90 2.02 74	97 -1.3 60	93 11 54	100 14.4 60	102 4.2 56	105 84 57	92 17.2 53	77 -10 46	71 -35 19	81 -6 21	99 0.3 54	82 2.0 52	83 1.3 39	88 1.7 25	100 31.0 52	82 -16 51	86 1 47	100 0.73 27	83 -2.65 30	94 -0.53 28	97 0.07 28

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Animal				Selection Value											Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	
			Sire ID Dam ID																																	
GCD 220151 94385416	1	JOY 190052 JRP 150091		109 67	104 70	114 50	100 48	93 37	112 53	114 63	106 26	111 48	106 23	97 19 29	108 0.12 73	106 -2.3 56	97 18 48	104 16.8 70	114 8.0 50	118 114 56	105 28.8 67	108 107 32	82 -7 22	109 -51 18	93 -0.1 37	107 16.4 37	93 -3.8 37	84 2.5 24	120 43.0 50	100 -3 36	111 23 33	117 2.41 22	87 -2.10 24	99 -0.10 22	115 0.40 23	
GCD 220153 94385432	1	JOY 190052 GCD 170061		99 68	106 68	123 49	90 48	101 37	114 52	114 62	101 28	112 47	110 26	110 36 30	101 0.84 73	98 -1.4 56	108 34 48	106 17.8 68	123 10.8 49	120 120 55	108 31.3 54	105 96 35	111 62 24	105 -44 20	96 0.1 41	108 17.4 40	97 -6.3 38	97 0.2 25	114 39.1 48	100 -2 39	108 21 36	117 2.41 26	99 -0.21 27	100 -0.01 26	117 0.44 26	
GCD 230115 95408795	26	DAJ 170032 GCD 200043		129 67	84 58	92 45	127 45	105 34	104 47	92 55	84 33	99 44	87 22	80 -4 31	140 -3.25 72	148 -8.0 54	78 -11 45	84 5.7 58	92 1.3 45	89 44 49	83 8.7 54	89 35 44	83 -6 13	96 -30 19	95 0.0 51	88 5.4 50	104 -10.1 38	96 0.3 18	114 39.6 47	88 -12 48	84 0 45	99 0.59 21	94 -0.98 24	96 -0.41 21	98 0.08 22	
GCD 230142 96047592	3	GFM 190262 GCD 170007		84 67	109 56	107 49	87 48	94 34	97 48	104 55	100 31	96 45	108 31	110 37 38	86 2.49 72	94 -0.8 56	113 41 48	109 19.6 56	107 5.8 49	107 89 51	109 32.1 47	100 76 42	103 43 14	94 -26 17	90 -0.2 49	107 16.4 47	86 -0.2 34	100 -0.4 24	104 33.3 45	105 1 46	102 15 43	121 2.81 30	105 0.84 32	94 -0.51 30	121 0.53 31	
GCD 230147 96522099	1	JOY 190052 GCD 160003		101 66	99 67	114 46	97 47	84 35	96 51	102 60	98 26	95 46	96 23	102 26 28	104 0.59 71	95 -1.0 55	100 22 47	99 13.8 67	114 7.9 46	110 96 53	101 25.4 52	101 82 31	106 50 21	104 -43 20	103 0.5 37	111 18.6 36	87 -0.6 35	83 2.6 22	106 34.9 48	96 -6 35	98 12 33	102 0.91 22	88 -1.91 24	97 -0.28 22	100 0.13 23	
GCD 240107 96902580	1	TOR 180202 GCD 170350		93 68	130 69	107 51	84 49	82 34	118 52	136 63	113 35	118 49	124 28	121 51 36	91 1.97 73	108 -2.6 56	118 48 49	130 31.3 69	107 6.0 51	123 128 56	123 45.5 54	112 121 45	88 6 11	103 -41 22	85 -0.5 49	90 7.0 50	76 5.1 34	90 1.4 21	102 32.4 48	104 1 49	118 29 46	119 2.63 27	92 -1.26 29	102 0.09 27	118 0.47 28	
GCD 240108 96902598	2	TOR 180202 GCD 190075		93 66	127 69	98 49	85 48	87 35	112 52	126 62	114 36	113 49	125 30	120 50 37	92 1.84 72	105 -2.3 55	116 46 48	127 29.3 69	98 3.0 49	113 104 55	122 44.0 56	115 133 46	97 28 13	109 -50 22	89 -0.3 50	96 10.3 51	84 1.0 37	91 1.1 22	103 32.8 47	109 4 50	116 27 46	117 2.39 28	99 -0.14 31	100 -0.01 28	117 0.45 30	
GCD 240110 97071385	2	TOR 180202 GCD 190068		104 67	123 68	101 50	87 49	89 38	117 52	128 62	109 35	117 49	118 30	121 51 40	101 0.86 72	113 -3.3 56	114 43 49	123 27.4 68	101 4.0 50	114 107 56	119 41.8 56	109 112 47	95 23 19	101 -38 21	91 -0.2 50	99 12.2 51	93 -3.8 40	85 2.2 26	109 36.5 48	96 -6 50	108 20 47	119 2.60 29	97 -0.56 31	99 -0.11 29	118 0.47 30	
GCD 240114 97399620	1	GCD 210101 GCD 180061		101 66	103 52	94 47	100 47	97 34	98 46	100 53	83 32	93 43	87 28	98 20 35	97 1.25 71	106 -2.4 55	98 19 47	103 16.3 52	94 1.7 47	98 67 49	99 23.7 47	86 25 41	102 39 18	89 -19 19	105 0.6 48	99 12.0 47	91 -2.8 35	95 0.6 23	112 37.9 44	89 -11 46	90 4 42	89 -0.46 27	91 -1.43 28	97 -0.34 27	87 -0.12 28	
GCD 240115 97557888	2	GCD 210101 JRP 110047		86 68	116 54	96 51	81 46	92 33	97 47	110 55	100 28	97 43	108 16	120 50 31	82 2.89 73	110 -2.9 56	122 54 46	116 23.5 54	96 2.5 51	101 74 50	110 33.2 50	95 59 39	90 12 17	87 -15 13	115 1.1 48	85 3.8 46	93 -4.2 33	87 1.9 20	110 36.9 45	106 2 45	103 16 40	106 1.33 15	101 0.11 16	100 -0.05 15	107 0.25 16	
GCD 240117 97399646	15	GCD 200146 GCD 210035		114 64	95 55	106 38	124 37	95 29	109 43	109 51	84 30	103 40	86 20	83 -1 25	110 -0.12 71	117 -3.9 49	80 -9 37	95 11.8 55	106 5.4 38	113 103 43	92 16.9 47	87 27 40	99 32 13	91 -21 16	96 0.1 47	88 5.8 46	93 -4.0 32	84 2.4 16	121 43.5 40	78 -20 44	80 -5 40	92 -0.08 19	104 0.65 21	93 -0.60 19	93 -0.01 20	
GCD 240119 97399612	2	GCD 210101 GCD 160035		103 67	100 52	85 48	107 46	87 31	89 45	96 53	80 29	84 42	88 24	94 14 29	99 1.07 72	113 -3.3 55	92 9 46	100 14.7 52	85 -0.9 48	92 51 49	95 20.2 43	82 9 39	96 25 17	82 -8 16	100 0.3 47	98 11.2 45	88 -1.2 29	84 2.4 20	111 37.6 43	85 -14 44	85 0 40	100 0.72 23	88 -1.98 25	92 -0.76 23	98 0.09 24	

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Breeding values with an accuracy < 5% are not printed

Animal				Selection Value											Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	
			Sire ID Dam ID																																	
GCD 240120 97557896	1	NPT 210146 GCD 150017		90 67	100 53	102 49	98 46	100 33	94 46	94 53	99 30	93 43	100 26	99 22	93 1.72	88 0.0	101 23	100 14.6	102 4.2	101 74	101 25.2	99 72	92 16	92 -24	91 -0.1	103 14.5	92 -3.4	107 -1.6	103 32.8	98 -5	93 7	116 2.25	103 0.39	102 0.14	115 0.42	
GCD 240121 97557904	1	NPT 210146 GCD 120020		93 68	103 54	99 51	103 47	105 35	102 47	101 55	107 33	102 44	103 26	95 17	95 1.45	89 -0.1	95 14	103 16.4	99 3.3	105 84	103 26.8	106 102	96 25	99 -35	117 1.2	101 13.2	100 -7.8	109 -1.8	104 33.7	93 -8	94 8	103 0.96	95 -0.87	100 -0.08	102 0.16	
GCD 240122 97557912	26	DAJ 170032 GCD 220012		117 67	94 59	98 46	125 46	99 35	107 48	104 56	84 34	102 45	87 23	82 -1	114 -0.51	121 -4.4	80 46	94 11.0	98 3.2	104 81	94 18.9	89 35	96 26	92 -23	95 0.1	89 6.4	99 -7.5	90 1.3	115 39.9	81 -17	80 -5	93 -0.06	101 0.15	95 -0.48	93 -0.02	
GCD 240123 98039464	2	NPT 210146 GCD 180096		98 65	100 51	107 44	97 44	95 29	98 44	99 51	103 26	98 40	103 18	99 22	101 0.83	93 -0.7	101 23	100 14.5	107 5.9	106 85	101 24.8	103 88	105 47	96 -30	94 0.0	103 14.2	85 0.5	99 -0.2	109 36.3	94 -7	94 8	107 1.38	95 -0.81	100 -0.07	106 0.24	
GCD 240140 97557920	26	DAJ 170032 GCD 200048		131 68	85 60	97 48	130 51	100 36	106 50	98 58	80 34	100 47	83 22	78 -8	129 -2.07	132 -5.9	75 -15	85 6.1	97 2.7	96 61	84 10.4	85 20	94 20	89 -19	96 0.1	87 5.2	101 -8.8	89 1.5	116 40.4	80 -19	76 -8	88 -0.48	101 0.10	94 -0.55	88 -0.10	
GCD 240141 97557938	1	NPT 210146 GCD 190048		87 65	101 51	93 44	101 45	98 30	88 44	91 51	101 30	89 41	101 24	97 19	88 2.22	88 0.0	98 18	101 15.1	93 1.4	96 61	97 21.7	101 83	97 27	101 -38	99 0.3	89 6.4	94 -4.5	98 0.1	108 35.8	92 -9	93 7	104 1.06	103 0.38	100 -0.02	104 0.20	
GCD 240143 98039472	1	NPT 210146 GCD 140052		98 67	99 53	113 49	95 47	108 34	106 47	100 54	100 33	104 44	101 26	99 21	101 0.91	94 -0.8	103 25	99 13.8	113 7.8	109 92	101 25.1	102 85	101 37	98 -33	106 0.6	99 12.1	104 -10.0	103 -0.9	110 36.8	99 -3	98 12	91 -0.19	95 -0.84	108 0.64	91 -0.05	
GCD 240144 98039480	26	DAJ 170032 GCD 210056		131 67	86 59	97 46	130 46	101 35	108 48	99 56	82 34	102 45	84 22	78 -7	128 -1.92	127 -5.2	75 -16	86 6.6	97 2.8	97 64	87 12.5	86 26	105 46	92 -23	97 0.1	89 6.2	101 -8.7	90 1.4	115 40.2	82 -17	78 -6	89 -0.37	101 0.09	94 -0.54	90 -0.08	
GCD 240145 98039498	1	NPT 210146 GCD 180084		103 65	97 51	91 45	101 44	108 30	97 44	91 51	101 27	96 41	98 18	96 17	104 0.60	99 -1.4	98 18	97 13.1	91 0.9	91 49	97 21.3	103 89	99 32	102 -39	107 0.7	100 12.8	109 -12.7	103 -0.9	107 35.1	97 -5	97 11	100 0.69	97 -0.46	103 0.20	100 0.11	
GCD 240146 98039506	1	NPT 210146 GCD 170083		97 66	98 51	104 45	97 45	94 29	94 44	95 51	106 32	95 42	107 22	99 22	98 1.15	96 -1.1	101 23	98 13.5	104 5.0	101 75	100 24.1	106 101	100 35	103 -41	97 0.1	89 6.3	91 -2.8	97 0.2	105 34.4	104 1	100 13	106 1.29	107 1.12	105 0.36	107 0.26	
GCD 240147 98039514	1	NPT 210146 GCD 180097		96 65	96 50	98 42	101 44	88 29	85 43	90 50	97 26	85 40	93 16	96 18	96 1.38	96 -1.1	97 17	96 12.1	98 3.1	96 61	96 20.7	100 77	99 33	98 -33	108 0.8	105 15.4	86 -0.2	90 1.4	104 33.6	93 -8	92 7	101 0.83	90 -1.56	97 -0.31	100 0.12	
GCD 240148 98039522	2	DAJ 170032 GCD 200042		121 68	94 59	85 48	122 51	93 35	99 49	98 57	81 34	93 46	85 20	84 1	118 -0.88	123 -4.7	82 -5	94 10.9	85 -1.1	89 45	92 17.2	84 17	100 35	88 -17	98 0.2	93 8.7	95 -5.1	88 1.8	110 37.2	85 -14	82 -3	89 -0.44	96 -0.66	91 -0.77	88 -0.10	

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80

Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value											Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass					
ID	Inbreeding	Genomic	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	
																																						Animal no
GCD 240149	98039530	1	TOR 200066	GCD 160013	106 66	101 53	107 49	101 48	86 34	100 46	107 54	93 34	98 44	100 24	101 24	102 0.79	114 -3.5	96 16	101 15.0	107 6.0	109 94	100 24.4	96 62	100 34	98 -33	125 1.7	113 20.2	84 0.7	88 1.7	106 34.7	95 -6	97 11	104 1.11	100 -0.01	99 -0.10	104 0.20		
GCD 240150	98039548	1	TOR 200066	GCD 190030	107 65	107 51	108 46	93 46	94 30	108 44	112 52	101 27	107 41	105 18	109 35	104 0.57	123 -4.6	106 30	107 18.3	108 6.0	109 94	106 29.9	103 90	91 15	104 -43	117 1.2	117 22.5	83 1.2	105 -1.2	101 31.9	97 -5	105 18	104 1.08	97 -0.43	100 -0.02	104 0.19		
GCD 240151	98039555	26	DAJ 170032	GCD 220030	121 67	93 59	95 45	126 45	101 33	108 47	103 56	84 34	103 44	86 22	80 -4	120 -1.09	129 -5.4	78 -11	93 10.4	95 2.0	100 72	92 17.2	88 34	96 25	94 -27	93 -0.1	93 8.6	98 -6.8	93 0.9	116 40.5	84 -16	83 -2	91 -0.18	93 -1.08	96 -0.38	90 -0.06		
GCD 240152	98181233	2	NPT 210146	GCD 090045	94 68	107 53	100 50	100 47	92 34	99 47	106 54	98 31	98 44	99 20	99 21	93 1.73	99 -1.4	98 19	107 18.2	100 3.7	108 90	102 26.2	100 77	93 19	98 -34	111 0.9	103 14.3	93 -4.2	92 1.0	104 33.5	96 -6	95 9	101 0.82	94 -1.03	101 0.01	100 0.13		
GCD 240155	98181241	4	TOR 200066	GCD 170059	109 65	101 52	101 48	100 49	94 36	102 46	103 53	95 32	99 43	103 26	105 29	107 0.26	125 -4.9	98 19	101 15.1	101 3.8	102 77	100 24.1	99 73	82 -9	99 -35	126 1.7	107 16.7	94 -4.4	93 0.9	108 36.1	88 -12	95 9	102 0.92	110 1.57	102 0.10	104 0.20		
GCD 240156	98531163		GCD 190080		98 57	93 36	96 30	95 34	90 23	80 33	84 38			88 18	103 27	95 1.47	105 -2.2	105 28	93 10.4	96 2.6	88 41	90 15.4	85 21	97 28	82 -8	99 0.3	81 1.3	87 -0.8	106 -1.3	83 21.3	93 -8	89 4	87 -0.66	97 -0.54	100 -0.03	86 -0.14		
GCD 241161	97568984	1	DAJ 170032	GCD 200038	107 68	102 60	99 49	124 51	105 35	115 50	113 58	83 33	109 47	88 20	81 -2	103 0.61	111 -3.0	81 -7	102 15.8	99 3.2	113 104	101 24.9	88 31	103 42	93 -25	96 0.1	93 8.3	105 -10.6	97 0.2	112 38.0	94 -8	90 5	96 0.28	96 -0.60	93 -0.66	95 0.03		
GCD 241171	97568992	1	GCD 210101	GCD 150035	100 67	104 53	96 49	105 47	93 34	100 47	105 54	81 31	94 44	88 28	93 14	96 1.42	109 -2.8	93 11	104 16.6	96 2.6	105 82	99 23.3	82 11	99 32	79 -2	99 0.3	103 14.2	89 -1.7	93 0.9	110 37.0	88 -12	85 0	104 1.04	96 -0.69	89 -0.93	102 0.17		
GCD 241181	97569008	1	GCD 210101	GCD 140059	97 67	105 53	88 49	104 47	108 35	102 47	100 54	86 32	98 44	86 28	97 18	96 1.45	98 -1.3	95 14	105 17.4	88 0.1	98 66	102 26.1	88 34	109 57	94 -26	113 1.0	94 9.3	107 -12.0	102 -0.7	107 35.5	91 -10	90 5	86 -0.70	91 -1.40	94 -0.51	85 -0.16		

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass					
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	
GCD 080050 67390617	1	GCD 050148 GCD 990086			105 84	91 79	83 82	116 78	84 59	81 70	86 80	97 48	81 66	91 45	83 0	103 0.66	100 -1.6	85 0	91 9.8	83 -1.5	84 32	93 17.6	97 67	107 52	97 -31	105 0.6	93 8.7	82 2.0	97 0.1	90 25.2	87 -13	88 3	94 0.07	108 1.29	106 0.43	95 0.03	
GCD 090005 68170877	26	EI 940339 GCD 040036			100 85	101 81	98 84	98 79	67 62	81 72	99 82	100 54	82 68	94 49	106 30	97 1.25	107 -2.5	100 22	101 15.2	98 2.9	99 68	103 26.7	98 71	108 54	100 -37	114 1.1	82 1.9	83 1.5	66 5.5	100 31.1	95 -7	92 6	100 0.68	82 -2.91	83 -1.51	97 0.07	
GCD 090019 68444959	1	DAJ 050055 GCD 050038			100 85	104 79	113 81	99 75	79 57	99 70	110 80	90 56	96 67	94 52	99 21	96 1.35	105 -2.3	98 19	104 16.5	113 7.8	116 110	103 27.3	90 40	118 78	97 -31	105 0.6	90 6.5	86 0.0	85 2.2	94 27.4	101 -2	102 15	111 1.81	74 -4.17	103 0.23	107 0.25	
GCD 090045 69758183	2	NPT 060038 GCD 040005			94 84	111 81	93 85	105 77	79 55	96 70	111 82	86 45	92 65	88 34	97 19	93 1.67	118 -4.0	93 11	111 20.8	93 1.6	109 94	103 26.7	90 41	87 4	99 -35	115 1.1	103 14.3	87 -0.5	79 3.2	98 30.0	94 -7	93 8	99 0.61	87 -2.04	97 -0.30	97 0.07	
GCD 100014 70696224		DAJ 050055 GCD 990046			96 84	102 82	109 86	105 77	79 56	94 71	105 82	83 48	89 66	82 42	91 10	96 1.41	92 -0.6	93 11	102 15.4	109 6.4	114 105	99 23.2	77 -9	91 15	69 14	84 -0.5	90 6.8	74 6.3	97 0.1	87 23.7	78 -20	87 2	98 0.43	72 -4.42	101 0.07	93 -0.01	
GCD 100053 71683866	15	GCD 050148 GCD 080015			91 82	100 78	114 81	119 77	58 59	86 69	110 79	106 49	88 65	107 46	87 5	91 1.97	86 0.3	83 -3	100 14.3	114 8.1	124 129	102 25.8	102 87	57 -68	85 -13	110 0.9	100 12.3	57 15.7	75 4.0	93 27.0	76 -21	87 2	104 1.07	91 -1.39	99 -0.11	103 0.17	
GCD 110018 72976731	1	CEF 990287 GCD 030041			128 85	80 82	94 86	125 79	100 60	96 72	87 83	84 52	92 68	67 56	80 -4	125 -1.60	114 -3.5	80 -8	80 3.2	94 1.9	84 33	82 79	88 8.1	110 32	94 58	93 -27	92 -0.1	94 9.2	101 -8.6	105 -1.2	95 28.4	96 -6	78 -6	76 -1.73	86 -2.24	80 -1.70	74 -0.38
GCD 110029 74147885		JRB 980158 GCD 090020			90 84	105 80	110 84	110 79	91 58	103 71	110 81	82 44	97 66	90 42	85 3	90 2.01	86 0.3	89 4	105 17.3	110 6.6	121 122	103 27.4	87 28	95 22	90 -20	96 0.1	95 9.6	104 -10.4	91 1.1	89 24.5	108 4	101 14	114 2.07	86 -2.22	87 -1.14	111 0.33	
GCD 110051 74148057	1	CEF 990287 GCD 050046			106 84	100 81	77 86	114 79	90 59	89 72	94 82	83 50	85 68	83 50	85 3	103 0.61	102 -1.9	87 2	100 14.4	77 -3.6	86 36	95 19.8	89 35	104 45	89 -19	115 1.1	102 13.4	85 0.3	98 0.0	99 30.4	97 -5	82 -3	80 -1.30	96 -0.57	99 -0.12	80 -0.26	
GCD 110054 74148073	8	GCD 050148 GCD 070006			95 83	86 81	98 84	138 77	89 58	86 71	89 81	97 52	85 67	87 50	69 -19	100 0.96	56 4.3	66 -29	86 6.7	98 2.9	104 82	90 15.1	94 54	96 25	85 -12	97 0.2	86 4.2	82 2.2	103 -0.9	93 26.9	84 -15	84 -1	87 -0.62	106 0.86	98 -0.19	88 -0.10	
GCD 110056 74148099	15	GCD 050148 GCD 080015			97 82	96 79	107 82	107 77	60 59	78 70	98 80	108 48	81 66	101 46	93 14	96 1.43	95 -1.0	91 8	96 12.1	107 5.8	107 89	99 23.6	107 106	97 28	99 -35	106 0.6	109 17.8	61 13.4	77 3.7	91 26.0	84 -15	91 5	99 0.62	91 -1.41	98 -0.18	98 0.09	
JRP 110047 74008723	1	LAR 070181 JRP 020022			83 82	123 80	97 83	69 74	91 51	99 68	119 80	123 38	103 62	125 20	134 69	66 4.57	108 -2.7	140 81	123 27.4	97 2.7	99 69	121 43.0	109 113	86 2	92 -23	113 1.0	70 -4.8	97 -6.3	91 1.2	101 31.5	119 12	115 27	118 2.52	108 1.21	113 1.01	120 0.50	

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass				
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
GCD 120020 75762625	2	GCD 050148 GCD 100005			96 84	107 82	91 86	113 78	104 58	106 72	107 82	105 50	106 68	97 48	91 11	94 1.60	95 -1.0	87 3	107 18.5	91 0.9	107 88	105 29.3	103 90	92 15	100 -36	127 1.7	99 12.1	100 -7.7	113 -2.6	99 30.5	87 -13	91 6	102 0.88	89 -1.72	95 -0.47	100 0.13
GCD 120031 75763847	1	LAR 070090 GCD 080052			91 83	101 76	119 83	99 76	73 54	91 68	106 78	80 44	86 63	89 46	102 26	91 1.92	93 -0.7	98 19	101 14.9	119 9.6	118 116	97 21.2	81 8	93 18	75 4	110 0.9	98 11.3	83 1.7	68 5.1	103 32.8	85 -14	84 -1	92 -0.17	100 0.05	88 -1.06	92 -0.04
GCD 120037 75762500	7	GCD 090112 GCD 040006			107 83	90 80	102 84	104 77	74 57	81 70	90 81	87 46	79 65	80 46	93 13	104 0.59	117 -3.9	94 12	90 9.0	102 4.4	95 60	94 18.8	86 26	100 36	84 -10	68 -1.4	81 1.5	79 3.5	84 2.4	91 26.0	88 -12	82 -3	117 2.39	86 -2.22	84 -1.37	114 0.38
GCD 120048 75762567	4	GCD 090112 GCD 080049			101 82	101 76	93 83	112 78	81 54	91 68	101 78	87 44	88 63	95 46	86 4	97 1.34	104 -2.1	88 4	101 14.9	93 1.5	101 75	100 24.7	83 15	93 18	70 12	83 -0.6	103 14.5	78 4.2	94 0.7	96 28.9	76 -22	81 -3	123 2.94	93 -1.08	97 -0.26	120 0.51
GCD 130031 78134244	2	GCD 100100 GCD 040050			99 82	98 77	94 79	107 74	94 51	92 67	95 78	77 46	87 63	80 44	93 13	97 1.32	100 -1.6	91 9	98 13.4	94 1.7	97 64	94 19.3	83 12	76 -23	88 -16	93 -0.1	87 5.1	88 -1.4	103 -0.8	99 30.8	80 -18	83 -2	92 -0.09	80 -3.23	96 -0.36	89 -0.09
GCD 140052 80435480	1	NPT 070170 GCD 100049			98 81	101 79	121 82	95 78	111 55	113 69	108 80	92 50	109 65	94 50	98 20	97 1.29	101 -1.7	102 25	101 15.1	121 10.1	117 113	104 28.3	95 57	102 40	98 -33	105 0.6	95 9.9	107 -12.0	102 -0.6	109 36.7	100 -3	100 14	79 -1.41	90 -1.65	112 0.96	78 -0.29
GCD 140059 80435431	1	NPT 070170 GCD 050010			104 81	95 78	80 79	115 76	123 57	102 68	88 78	93 48	99 64	82 52	87 6	107 0.29	89 -0.2	86 1	95 11.9	80 -2.6	84 32	100 24.6	96 64	124 92	106 -45	109 0.8	89 6.2	125 -21.9	121 -3.9	96 28.8	90 -10	90 4	78 -1.53	89 -1.81	102 0.10	77 -0.32
JRP 140042 80300783	1	MMJ 060226 JRP 090007			71 81	100 79	105 82	103 77	81 54	78 69	90 80	81 40	75 63	84 38	96 18	82 2.86	56 4.2	95 14	100 14.6	105 5.4	108 90	96 21.2	85 23	81 -10	89 -19	101 0.4	102 13.8	95 -5.3	77 3.7	93 27.0	96 -6	90 4	87 -0.66	85 -2.36	90 -0.92	84 -0.17
JRP 140049 80643984		LAR 090281 JRP 040034			92 81	95 77	84 79	123 73	78 54	78 67	89 77	85 45	75 63	85 52	80 -5	95 1.52	77 1.5	81 -6	95 12.0	84 -1.4	90 48	94 18.6	89 35	76 -22	91 -22	118 1.3	98 11.2	86 0.0	84 2.3	93 27.0	90 -10	83 -2	98 0.44	109 1.35	100 -0.03	99 0.10
GCD 150013 81279614		LAR 070090 GCD 110029			73 80	109 77	108 77	107 76	80 55	91 67	107 77	82 42	86 62	86 44	95 15	73 3.79	63 3.3	91 8	109 19.4	108 6.1	121 123	105 29.1	85 21	95 24	82 -7	107 0.7	95 9.6	98 -6.9	73 4.3	97 29.5	98 -4	92 7	104 1.09	86 -2.17	84 -1.37	101 0.15
GCD 150017 81358848	1	GCD 090112 GCD 050047			89 82	101 79	97 82	100 76	95 54	90 69	94 80	88 44	87 64	91 50	99 21	88 2.19	94 -0.7	99 19	101 15.0	97 2.7	99 68	102 26.4	88 32	84 -3	86 -14	76 -1.0	104 14.8	83 1.2	110 -2.1	96 28.6	97 -5	89 4	128 3.46	105 0.80	100 -0.03	127 0.64
GCD 150035 81422396	1	GCD 090112 GCD 110051			108 81	94 78	96 79	121 76	94 55	98 68	99 78	83 44	93 63	85 50	81 -3	104 0.58	112 -3.2	83 -4	94 11.0	96 2.5	100 71	95 19.9	84 16	103 42	76 2	82 -0.6	106 15.9	88 -1.3	102 -0.7	101 31.7	84 -15	79 -5	113 1.95	98 -0.38	92 -0.73	111 0.34

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass				
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
GCD 150053 82160235		GCD 090112 GCD 030009			87 81	109 76	127 77	82 76	74 52	96 67	114 77	88 44	93 62	103 42	112 39	85 2.53	103 -2.0	118 48	109 19.3	127 12.1	120 120	106 29.7	91 45	102 40	88 -18	82 -0.6	129 29.3	73 7.2	90 1.3	90 25.1	94 -7	99 13	135 4.21	103 0.49	98 -0.25	134 0.78
GCD 150098 84949700	6	GCD 120128 GCD 130032			104 77	97 73	95 73	110 73	83 48	90 63	97 74	89 40	87 58	89 41	94 14	101 0.87	115 -3.6	89 5	97 12.6	95 2.2	98 68	93 17.8	88 34	92 15	86 -14	106 0.6	85 3.6	94 -4.5	73 4.2	111 37.4	86 -13	87 2	96 0.33	80 -3.09	96 -0.35	93 0.00
JRP 150091 82429739	4	LAR 100031 JRP 100040			91 79	120 76	104 76	96 75	84 54	109 66	124 76	118 44	111 62	109 44	103 27	86 2.41	109 -2.8	102 24	120 25.6	104 5.0	121 124	118 40.8	116 136	89 9	117 -64	94 0.0	94 9.2	95 -5.0	75 3.9	108 36.0	103 0	119 30	130 3.73	86 -2.23	97 -0.28	127 0.64
GCD 160003 83169417	4	TOR 110079 GCD 110034			99 73	99 73	100 66	100 73	71 51	83 62	97 72	100 46	83 59	89 42	103 27	99 1.05	98 -1.4	98 19	99 14.1	100 3.8	100 72	100 24.6	100 79	105 48	102 -39	113 1.0	100 12.4	83 1.5	74 4.2	93 27.0	94 -7	91 6	101 0.73	88 -1.85	93 -0.63	98 0.09
GCD 160013 83624643		TOR 110079 GCD 080034			115 80	90 77	120 76	118 75	69 51	96 66	106 77	92 50	93 63	91 46	89 8	114 -0.53	103 -1.9	84 -3	90 8.8	120 9.8	118 115	94 18.7	92 49	121 84	96 -30	116 1.2	97 10.8	84 1.0	59 6.8	112 37.9	103 0	96 10	106 1.28	86 -2.19	89 -0.97	103 0.19
GCD 160016 83624452	4	TOR 110079 GCD 110040			94 78	123 76	129 75	90 75	63 51	113 66	138 76	115 49	114 63	117 45	117 46	92 1.78	104 -2.1	108 33	123 26.9	140 12.7	140 169	114 36.8	116 139	97 29	106 -46	123 1.6	108 17.1	69 9.4	63 6.0	104 33.8	113 7	114 26	115 2.16	86 -2.19	97 -0.30	112 0.36
GCD 160024 83624288	3	GCD 090112 GCD 100027			94 78	106 77	98 77	98 75	76 51	89 66	104 77	83 43	85 61	90 42	99 22	89 2.12	109 -2.8	100 22	106 18.1	98 3.1	104 82	101 25.5	85 20	80 -12	80 -4	68 -1.4	115 21.4	75 6.1	85 2.3	100 31.3	85 -15	83 -2	125 3.22	91 -1.45	92 -0.70	122 0.55
GCD 160031 84051747	4	TOR 110079 GCD 080055			92 79	103 75	143 75	95 74	75 49	105 65	119 75	108 50	106 62	109 42	108 34	93 1.73	93 -0.7	101 24	103 16.1	143 16.8	138 164	104 27.6	111 120	101 37	104 -44	112 0.9	105 15.2	84 0.9	77 3.5	96 28.7	109 4	109 22	110 1.68	91 -1.50	100 -0.09	108 0.28
GCD 160035 84051804	11	GCD 120128 GCD 120022			107 79	89 76	74 77	126 73	82 47	77 65	83 76	83 40	74 60	85 41	81 -2	105 0.43	118 -3.9	80 73	89 8.6	74 -4.3	75 11	90 15.4	83 14	98 29	84 -10	84 -0.6	96 10.0	86 -0.2	85 2.2	103 32.8	78 -20	80 -4	106 1.30	81 -2.97	96 -0.39	103 0.17
GCD 160036 85221547	3	GCD 120128 GCD 140023			99 76	100 70	115 67	105 71	97 45	106 61	108 71	92 40	103 57	99 40	93 13	97 1.25	119 -4.1	92 10	100 14.5	115 8.4	118 116	99 23.8	91 44	101 38	92 -24	97 0.1	87 4.9	97 -6.3	98 0.0	102 32.2	97 -5	99 13	105 1.22	90 -1.60	102 0.09	104 0.19
GCD 160049 84087469	3	BP 120024 GCD 090024			90 79	118 70	103 76	95 74	98 44	112 63	120 73	88 42	107 59	101 38	105 30	87 2.38	113 -3.4	104 28	118 24.6	103 4.5	117 113	111 34.4	91 43	91 14	96 -29	114 1.1	108 17.2	98 -6.6	95 0.6	108 35.8	105 1	109 22	107 1.36	88 -1.92	98 -0.20	105 0.21
GCD 160054 84119866	1	BP 120024 GCD 080069			109 78	94 70	72 76	112 73	90 44	82 62	83 73	73 40	76 58	76 35	88 6	109 -0.01	130 -5.5	89 5	94 11.2	72 -4.9	75 10	89 14.2	80 2	119 81	94 -27	92 -0.1	96 10.2	90 -2.5	91 1.1	105 34.2	88 -12	85 0	86 -0.73	91 -1.43	90 -0.85	84 -0.17

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass				
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	
Animal no	%	Parentage	EBV Acc																																	
GCD 160059		JRP 130013		82	121	98	92	99	108	117	99	106	97	111	80	113	107	121	98	113	112	104	74	122	100	93	92	95	117	113	113	130	72	99	124	
84148501	14	JRP 120041		77	67	73	72	44	61	70	40	57	48	38	3.07	-3.3	32	26.0	3.0	104	34.8	93	-28	-72	0.3	8.5	-3.5	0.4	41.1	7	25	3.68	-4.40	-0.12	0.59	
														39	79	73	72	67	73	71	61	49	21	28	56	55	42	30	61	54	49	45	50	45	48	
GCD 160075	1	NPT 130248		107	99	65	112	102	88	86	108	90	103	88	103	116	89	99	65	73	101	109	111	105	90	93	93	111	97	97	100	96	94	111	96	
84299569		GCD 080050		78	74	72	73	47	64	74	42	60	44	6	0.64	-3.7	5	13.9	-7.2	5	25.0	113	61	-44	-0.2	8.3	-4.3	-2.3	29.4	-5	14	0.31	-1.00	0.90	0.04	
														42	80	75	73	74	72	73	58	54	19	28	62	60	42	33	65	59	55	43	46	43	44	
GCD 160077	1	NPT 130248		109	101	81	113	116	108	99	102	106	96	86	104	110	87	101	81	91	101	107	108	105	97	102	114	115	102	101	100	88	91	108	87	
84207216		GCD 100022		79	77	77	74	48	66	77	42	61	42	5	0.52	-3.0	3	15.2	-2.3	48	24.9	103	53	-44	0.1	13.7	-15.4	-2.8	32.4	-2	13	-0.50	-1.37	0.62	-0.12	
														41	81	76	74	77	76	62	53	19	29	61	59	48	32	64	58	53	41	44	41	42		
GCD 160081	1	JRP 130013		92	111	117	102	87	110	121	85	104	89	99	88	108	95	111	117	129	104	87	78	99	109	84	87	83	111	97	95	107	90	105	105	
84802289		GCD 090045		77	75	76	73	44	64	75	40	59	42	22	2.20	-2.6	14	20.4	9.0	141	27.9	29	-18	-35	0.8	3.2	-0.5	2.6	37.4	-5	9	1.35	-1.54	0.37	0.21	
														39	79	74	73	75	76	75	62	51	18	24	62	59	39	32	62	57	52	40	45	40	42	
GCD 160094	1	NPT 130248		94	113	78	98	99	97	102	106	98	104	102	94	123	101	113	78	93	109	107	117	103	93	96	98	98	100	101	105	97	87	110	95	
84790492		GCD 100037		78	76	76	73	48	65	76	39	60	42	26	1.66	-4.6	23	21.4	-3.0	54	32.5	104	76	-41	-0.1	10.1	-7.0	0.0	31.1	-2	18	0.39	-2.13	0.80	0.03	
														40	80	75	73	76	76	75	60	49	14	27	54	53	48	32	64	52	50	40	43	40	42	
GCD 170007	4	GCD 090112		94	107	105	97	100	104	106	89	100	94	100	95	96	102	107	105	109	110	89	110	82	78	111	88	107	106	91	88	123	91	90	121	
84956028		GCD 110049		80	76	77	76	53	67	77	43	62	46	23	1.56	-1.0	24	18.2	5.1	94	33.1	37	59	-7	-0.9	18.8	-1.2	-1.6	34.9	-10	2	3.00	-1.45	-0.91	0.52	
														52	81	78	76	76	77	76	68	55	23	30	57	56	52	40	66	56	55	45	48	45	46	
GCD 170043	1	TOR 070049		104	109	133	105	91	125	131	100	122	107	101	100	114	92	109	133	144	106	103	86	97	100	104	94	88	112	94	103	123	102	96	123	
86589405		GCD 130008		78	75	75	75	55	66	75	47	62	49	24	0.96	-3.4	9	19.4	13.9	178	29.8	89	2	-31	0.3	14.7	-4.7	1.7	38.2	-8	16	3.00	0.33	-0.35	0.56	
														54	79	76	75	75	75	70	55	33	38	57	57	58	42	66	57	55	48	50	48	49		
GCD 170059	2	TOR 070049		125	92	106	111	85	102	103	95	99	96	97	121	125	88	92	106	104	94	98	84	98	118	85	102	68	116	89	90	102	106	94	103	
85655207		GCD 140004		77	74	74	76	55	65	75	47	61	48	19	-1.22	-4.9	3	9.9	5.6	82	19.2	71	-3	-33	1.3	3.8	-9.2	5.1	40.7	-11	5	0.90	0.98	-0.57	0.18	
														52	78	75	76	74	74	75	68	54	35	39	57	56	59	41	65	56	54	47	50	48	48	
GCD 170064	1	TOR 070049		125	93	97	113	101	107	100	89	103	93	93	122	128	87	93	97	97	94	94	95	101	106	109	108	92	107	89	91	99	108	99	100	
85834497		GCD 020052		80	78	78	76	57	68	78	49	64	46	13	-1.30	-5.3	2	10.5	2.7	65	19.0	54	23	-38	0.6	18.0	-12.3	0.9	35.2	-11	6	0.58	1.21	-0.17	0.12	
														55	81	77	76	78	78	77	68	58	34	38	62	61	60	43	68	61	58	45	47	45	46	
GCD 170083	1	NFS 140024		103	97	102	99	83	89	96	103	89	105	99	99	109	99	97	102	99	100	103	100	108	87	75	81	89	101	110	104	109	114	105	111	
86087657		JRP 060008		78	76	73	72	43	63	75	46	60	40	22	1.06	-2.8	21	12.8	4.3	69	24.2	89	35	-49	-0.4	-1.7	2.3	1.6	31.8	5	17	1.54	2.26	0.41	0.32	
														44	80	75	72	76	73	74	62	52	13	36	59	58	42	25	63	57	52	38	41	38	40	
GCD 170350	1	NFS 140024		87	120	129	93	79	117	135	100	114	108	104	83	104	104	120	129	141	114	98	83	98	81	89	66	93	105	101	110	118	96	100	117	
86453834		GCD 100014		77	76	72	73	44	63	75	46	60	43	29	2.79	-2.2	28	25.6	12.7	171	36.7	71	-7	-33	-0.7	6.3	10.7	0.9	34.2	-2	22	2.49	-0.58	-0.04	0.45	
														42	79	74	73	76	72	74	65	50	13	39	55	54	41	28	63	53	50	41	45	41	43	
GCD 180041	1	TOR 070049		111	100	102	109	84	101	107	96	99	94	98	108	108	89	100	102	108	98	96	98	97	105	82	94	73	114	89	92	102	95	96	101	
87026399		GCD 090034		78	76	76	75	56	67	76	48	63	48	20	0.19	-2.7	6	14.6	4.4	92	23.0	63	30	-32	0.6	2.3	-4.9	4.4	39.4	-11	7	0.84	-0.75	-0.42	0.14	
														54	79	76	75	76	76	76	67	56	34	38	59	59	60	41	66	58	56	47	49	47	48	

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass				
ID	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID																																
Animal no				Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
GCD 180046	1	TOR 070049		GCD 110064	106	96	112	110	83	98	104	100	97	97	97	106	96	89	96	112	113	99	103	99	101	109	98	88	80	108	83	92	101	104	103	102
87026431					77	66	70	75	53	62	70	48	59	49	18	0.33	-1.1	5	12.4	7.3	104	23.4	88	33	-37	0.8	11.5	-1.2	3.0	35.8	-16	7	0.80	0.54	0.18	0.15
															54	79	75	75	66	70	70	62	55	37	39	58	57	53	41	65	57	56	48	50	48	49
GCD 180061	2	NPT 070170		GCD 090020	109	92	90	105	101	92	88	88	89	84	89	107	106	93	92	90	87	96	91	109	97	94	98	92	106	104	87	89	83	88	106	81
87372660					78	76	74	75	54	66	76	46	62	50	9	0.19	-2.4	12	10.2	0.7	41	20.6	44	56	-32	0.0	11.6	-3.5	-1.4	33.6	-13	4	-1.06	-1.86	0.45	-0.24
															55	79	75	75	76	74	75	68	56	25	35	59	59	57	40	66	58	56	49	51	49	50
GCD 180084	1	GCD 160122		JRP 070069	114	95	75	107	109	96	88	92	93	86	92	110	115	92	95	75	77	93	96	98	105	108	98	117	102	103	96	98	97	94	102	95
87741500					77	75	73	71	45	63	74	34	57	30	12	-0.04	-3.6	10	11.9	-4.0	16	18.5	64	29	-45	0.7	11.3	-17.3	-0.7	33.2	-6	12	0.34	-0.91	0.09	0.04
															34	79	73	71	75	73	73	60	43	18	21	51	49	45	30	60	48	43	28	31	29	30
GCD 180085	1	NPT 130248		GCD 130012	83	129	96	91	88	110	127	114	112	118	109	74	106	109	129	96	118	119	118	124	111	98	116	89	87	106	109	118	108	90	108	107
87741518					76	74	71	72	46	63	73	41	59	42	34	3.71	-2.3	34	30.3	2.4	115	41.8	146	93	-55	0.2	21.9	-1.7	1.8	34.6	5	29	1.50	-1.56	0.61	0.25
															36	78	73	72	71	72	72	64	52	15	27	60	58	47	29	61	57	52	40	44	40	42
GCD 180096	2	JOY 150027		GCD 150015	112	98	107	99	83	97	102	97	96	98	99	111	106	99	98	107	104	99	96	110	94	82	103	69	94	108	90	91	110	90	95	108
87741583					77	75	70	71	45	63	74	31	57	30	21	-0.22	-2.4	20	13.3	5.8	82	23.6	62	60	-27	-0.7	14.1	9.0	0.6	35.6	-10	6	1.72	-1.61	-0.46	0.28
															32	79	72	71	75	70	72	64	43	35	16	52	50	47	29	59	50	46	28	31	28	30
GCD 180097	1	GCD 160122		JRP 140081	96	93	90	108	70	71	86	86	69	77	93	92	109	91	93	90	89	93	90	98	98	110	107	72	75	99	88	89	99	80	89	96
87741609					75	72	64	70	43	60	71	30	54	26	13	1.79	-2.8	8	10.7	0.5	44	18.2	40	31	-33	0.8	16.5	7.5	3.9	30.3	-12	3	0.62	-3.11	-0.93	0.04
															32	77	71	70	72	64	69	60	41	17	17	48	46	45	28	56	45	41	25	28	25	26
GCD 180099	3	HBT 130088		GCD 140007	97	104	108	109	72	94	110	93	92	96	91	92	105	89	104	108	117	95	96	84	105	103	91	70	71	113	97	100	104	107	92	104
87741690					76	75	72	73	46	63	74	40	58	40	11	1.81	-2.3	6	16.6	6.0	113	19.5	62	-2	-44	0.5	7.6	8.5	4.6	38.6	-5	14	1.04	1.03	-0.73	0.21
															41	78	73	73	75	72	73	66	50	20	27	55	54	51	28	60	54	50	38	42	38	40
GCD 180212	3	HBT 130088		GCD 130048	84	122	105	89	75	101	122	92	98	99	112	52	93	111	122	105	118	111	95	86	100	96	95	65	82	111	91	100	102	99	94	102
87934592					75	73	68	70	45	61	72	38	56	39	39	6.00	-0.7	37	26.5	5.3	116	34.4	60	1	-37	0.1	9.8	11.2	2.8	37.7	-9	13	0.87	-0.17	-0.57	0.15
															40	77	71	70	68	70	70	60	47	20	28	52	51	47	28	59	51	48	37	41	38	39
GCD 190003	1	JOY 150027		GCD 110053	84	110	126	86	85	102	113	105	102	107	113	90	87	114	110	126	122	111	102	109	95	93	106	79	87	109	102	101	95	96	106	95
88461579					75	72	56	51	45	57	67	33	52	29	40	2.04	0.1	42	19.8	11.8	126	34.1	87	56	-28	-0.1	15.9	3.8	1.9	36.2	-1	14	0.20	-0.70	0.45	0.03
															33	78	65	51	72	56	60	70	44	37	19	53	52	47	29	60	51	47	28	30	28	29
GCD 190015	5	GCD 160123		GCD 110042	80	103	96	108	86	85	96	94	84	85	92	75	83	91	103	96	105	103	98	112	104	104	112	75	98	104	90	93	97	83	91	94
89091144					75	72	65	68	44	60	71	32	54	30	12	3.60	0.7	8	16.1	2.5	83	27.3	70	63	-43	0.5	19.7	5.9	0.1	33.5	-10	7	0.35	-2.70	-0.80	0.01
															33	77	70	68	72	65	68	67	43	21	19	51	49	47	28	57	48	44	29	32	29	30
GCD 190022	2	GCD 160123		GCD 080034	97	100	110	124	76	98	112	83	93	82	81	95	91	79	100	110	123	97	89	89	95	104	99	80	75	110	99	94	101	83	83	98
88635842					75	72	66	71	44	61	71	33	55	29	-3	1.51	-0.4	-9	14.2	6.9	127	21.9	36	9	-28	0.5	12.2	3.2	3.9	37.3	-3	8	0.75	-2.63	-1.44	0.08
															33	77	71	71	72	66	70	68	45	25	18	53	52	45	28	58	50	45	27	31	27	29
GCD 190023	1	NPT 130248		GCD 080050	104	106	82	102	105	101	99	107	101	103	96	102	122	97	106	82	91	105	108	102	101	91	95	99	110	100	94	98	94	96	114	94
88635859					77	75	72	73	48	64	74	41	59	44	18	0.79	-4.5	17	17.6	-1.9	50	29.3	107	41	-39	-0.2	9.4	-7.6	-2.1	31.4	-7	11	0.07	-0.72	1.09	0.00
															42	79	74	73	75	72	73	68	52	19	28	57	56	48	32	63	55	52	43	46	43	44

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass				
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
GCD 190030 88635917	2	GCD 160123 GCD 100029			104 76	110 72	122 69	95 70	85 39	114 60	124 72	106 32	113 54	101 32	106 31	99 1.03	112 -3.2	103 26	110 20.2	122 10.4	126 136	113 35.8	107 105	104 44	108 -49	99 0.3	105 15.4	82 2.1	93 0.9	102 32.3	106 2	110 22	105 1.23	81 -3.03	91 -0.81	102 0.17
GCD 190041 89073654	1	NPT 130248 GCD 110023			98 76	112 74	67 69	99 72	114 48	101 63	97 73	101 42	100 59	98 46	100 24	93 1.67	111 -3.0	101 24	112 20.9	67 -6.4	82 29	112 34.9	105 97	117 75	101 -38	97 0.2	97 10.6	114 -15.8	112 -2.4	103 32.6	100 -3	96 10	88 -0.53	83 -2.74	107 0.53	86 -0.15
GCD 190048 89322226	2	HBT 130088 JRP 130010			86 76	101 74	78 69	106 73	90 47	78 63	87 73	93 41	77 59	92 44	94 15	82 2.82	94 -0.8	93 11	101 15.1	78 -3.0	86 36	93 18.2	93 52	94 20	104 -43	92 -0.1	76 -1.5	88 -1.1	91 1.2	106 34.7	86 -14	90 4	104 1.08	105 0.79	96 -0.35	104 0.21
GCD 190067 89625974	1	HBT 130088 JRP 090022			94 76	97 74	96 69	101 72	94 45	87 62	90 73	90 38	85 57	88 40	97 18	90 2.05	103 -2.0	97 18	97 12.7	96 2.3	94 58	94 18.7	91 44	129 104	106 -47	105 0.6	92 8.2	94 -4.5	93 0.8	105 34.2	91 -10	92 6	88 -0.51	108 1.30	90 -0.87	90 -0.08
GCD 190068 89625982	1	TOR 070049 GCD 150064			109 74	103 73	118 71	109 75	94 54	116 64	118 73	92 47	111 61	98 48	96 18	104 0.60	111 -3.1	89 5	103 15.9	118 9.4	126 135	103 27.2	95 61	94 22	95 -28	95 0.1	109 17.8	98 -6.6	83 2.6	120 42.7	87 -13	93 7	118 2.46	105 0.81	95 -0.43	118 0.46
GCD 190075 89626899	1	NFS 140024 GCD 110020			81 74	113 74	112 69	101 73	90 47	105 62	117 73	100 47	103 59	106 46	97 19	78 3.24	92 -0.5	96 16	113 21.6	112 7.4	125 133	111 34.2	104 92	101 38	110 -52	90 -0.2	101 12.8	82 1.8	96 0.4	107 35.1	110 5	105 18	110 1.64	111 1.66	97 -0.27	111 0.33
GCD 190080 89626956	1	HBT 130088 JRP 110047			83 74	106 72	96 59	84 67	82 45	80 59	95 69	104 37	82 55	103 36	114 42	76 3.51	109 -2.7	118 48	106 17.9	96 2.4	94 56	102 26.3	98 71	101 36	98 -33	106 0.6	77 -1.0	80 2.9	82 2.8	112 38.2	97 -5	98 12	100 0.73	110 1.57	99 -0.15	102 0.16
GCD 190084 89752125	1	NFS 140024 JRP 130031			94 74	96 74	103 68	121 72	85 44	92 62	100 72	100 44	92 58	99 42	83 -1	93 1.76	90 -0.2	83 -4	96 12.3	103 4.6	109 94	97 21.7	100 79	104 45	110 -53	80 -0.8	85 3.9	89 -1.8	83 2.6	104 33.4	105 1	101 15	103 1.01	97 -0.44	103 0.21	103 0.17
GCD 200001 89914709	1	NFS 140024 GCD 110053			105 74	102 65	122 64	90 72	85 44	103 58	110 67	105 46	103 56	111 44	108 34	104 0.59	109 -2.7	109 35	102 15.5	122 10.4	115 108	104 28.0	104 92	113 67	104 -44	88 -0.3	92 7.8	75 5.6	92 1.1	108 35.8	108 4	105 18	107 1.39	111 1.78	103 0.20	109 0.29
GCD 200032 90581190	1	DAJ 170032 GCD 180013			138 72	91 71	112 60	112 69	115 43	127 59	111 69	88 38	121 55	89 31	90 10	134 -2.56	130 -5.6	87 2	91 9.8	112 7.5	110 96	93 18.3	92 49	95 22	95 -28	102 0.4	91 7.3	120 -18.9	95 0.5	120 43.1	87 -13	88 2	90 -0.34	101 0.20	99 -0.09	90 -0.06
GCD 200038 90879107	1	MOR 160068 GCD 110032			93 74	113 73	101 63	107 70	106 44	115 60	117 71	86 34	109 55	92 22	92 12	89 2.12	99 -1.4	91 9	113 21.5	101 4.0	119 117	111 34.5	91 43	112 63	98 -33	99 0.2	99 11.7	105 -10.9	98 0.0	113 38.8	106 2	105 18	102 0.87	92 -1.36	91 -0.81	100 0.13
GCD 200042 90879156	1	MOR 160068 GCD 140002			93 73	109 71	76 61	105 69	83 42	85 59	98 69	82 35	81 54	87 22	97 19	88 2.21	106 -2.4	95 13	109 19.2	76 -3.7	90 48	105 28.4	84 16	105 48	88 -17	103 0.5	100 12.5	86 0.1	79 3.2	110 37.3	90 -10	88 3	88 -0.57	91 -1.47	88 -1.04	86 -0.14

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
GCD 200043 92031723	1	DAJ 170032 GCD 160059		114 71	98 69	93 53	114 52	107 39	108 54	101 64	88 34	103 50	89 30	89 8	116 -0.72 33	140 -6.8 61	86 1	98 13.2 69	93 1.6 53	99 69	92 17.1 62	93 51 45	71 -35 15	103 -41 21	96 0.1 52	89 5.9 51	104 -9.9 46	97 0.1 20	118 42.0 52	95 -6 49	93 7 46	108 1.51 28	87 -2.12 31	97 -0.32 28	105 0.23 30
GCD 200046 91001255	2	DAJ 170032 GCD 160046		128 74	84 72	74 61	135 69	118 41	103 59	86 70	80 36	97 54	74 28	71 -17 34	127 -1.83 77	132 -5.8 69	71 -22 69	84 5.6 72	74 -4.3 61	74 7	87 13.1 62	84 17 45	141 133 16	96 -29 24	94 0.0 51	91 7.5 50	120 -19.2 47	105 -1.3 22	114 39.4 55	86 -14 49	79 -5 46	82 -1.12 26	97 -0.51 29	91 -0.78 26	82 -0.23 28
GCD 200048 91002089	1	DAJ 170032 GCD 180038		130 74	77 72	98 60	124 69	97 44	94 60	85 70	81 37	89 55	81 29	84 1	141 -3.37 77	140 -6.9 69	80 -7 69	77 1.8 72	98 3.0 60	85 34 67	79 5.0 64	85 20 47	93 18 21	89 -19 25	100 0.3 52	88 5.5 51	99 -7.3 50	83 2.6 26	121 43.7 55	79 -19 50	75 -8 47	87 -0.64 28	100 0.04 30	93 -0.60 29	87 -0.13 29
GCD 200053 91002147	1	AVK 170227 GCD 110054		88 74	103 72	99 62	95 68	83 44	85 60	96 70	101 36	86 55	99 28	103 27 36	87 2.35 77	96 -1.1 69	104 28 68	103 16.3 72	99 3.5 62	100 72 67	107 30.6 62	101 81 47	112 63 20	92 -23 22	84 -0.6 53	89 6.0 53	77 4.8 47	88 1.7 28	107 35.2 56	87 -13 51	96 10 47	95 0.20 27	100 -0.07 30	103 0.22 27	95 0.03 28
GCD 200066 91142000	1	DAJ 170032 GCD 180045		112 72	99 72	105 61	127 69	95 43	113 59	115 70	84 37	107 55	90 30	82 -1 38	107 0.23 76	106 -2.4 67	78 -12 69	99 14.2 72	105 5.2 61	119 117 67	98 22.5 62	88 34 47	83 -6 20	89 -19 25	94 0.0 52	96 10.4 51	92 -3.6 49	87 1.9 24	120 42.9 55	82 -17 50	82 -2 48	102 0.91 29	103 0.48 31	95 -0.48 29	102 0.17 30
GCD 200073 91142067	1	NFS 140024 GCD 150059		83 73	120 71	109 62	84 70	88 42	105 59	119 69	105 43	105 56	110 42	118 47 37	73 3.77 76	104 -2.1 69	117 120 71	109 6.4 62	116 110 68	118 40.4 62	105 97 48	115 72 13	111 -54 36	88 -0.3 53	91 7.4 52	76 5.2 46	99 -0.2 24	104 33.8 57	108 4 52	113 25 49	116 2.28 40	97 -0.49 44	100 -0.05 40	115 0.41 42	
GCD 200087 91405811	1	MOR 160068 GCD 080034		81 74	112 74	93 65	110 71	95 44	99 61	108 72	77 35	93 56	85 20	89 8	78 3.33 77	87 0.2 69	89 6	112 21.0 74	93 1.5 65	112 100 70	104 28.2 66	82 9 52	92 16 31	88 -17 15	103 0.5 58	90 6.7 57	93 -4.1 50	89 1.6 25	117 41.0 57	104 0 56	97 11 52	97 0.34 19	93 -1.15 21	88 -1.06 19	95 0.03 20
GCD 200090 91405845	1	NFS 140024 GCD 140044		79 73	112 72	113 63	91 70	99 45	104 60	110 70	92 46	101 57	96 44	105 30 42	74 3.69 76	90 -0.2 70	107 32 70	112 21.0 72	113 7.6 63	117 113 68	112 35.0 64	98 70 51	115 71 15	110 -53 38	88 -0.3 56	88 5.6 55	87 -0.6 48	104 -1.0 27	110 37.2 59	97 -5 54	103 16 51	100 0.63 43	102 0.37 46	95 -0.44 43	100 0.12 44
GCD 210005 91579680	2	AVK 170227 GCD 170038		92 72	118 69	118 58	82 68	84 39	109 57	124 67	101 30	107 52	109 23	119 48 30	88 2.25 75	112 -3.1 67	120 51 68	118 24.4 9.1	118 9.1 58	119 118 65	118 40.3 58	104 93 42	98 31 15	96 -30 16	86 -0.4 49	96 10.2 48	85 0.2 41	78 3.5 24	115 39.7 53	97 -5 47	108 21 43	107 1.40 22	90 -1.55 24	104 0.32 22	106 0.23 23
GCD 210009 91579722	2	MOR 160068 GCD 150085		88 72	121 71	81 60	93 69	100 42	103 59	110 69	87 34	99 54	95 22	109 36 41	84 2.61 75	112 -3.2 68	108 33 69	121 25.9 71	81 -2.3 60	99 69 67	115 37.7 61	90 41 47	92 16 25	95 -28 18	107 0.7 52	94 9.1 51	96 -5.5 46	97 0.2 24	114 39.3 55	99 -3 50	101 15 47	100 0.72 21	90 -1.54 23	90 -0.86 21	99 0.10 22
GCD 210016 92070242	1	NFS 140024 GCD 170059		102 71	103 71	121 62	95 70	90 44	108 59	113 69	103 46	107 56	107 44	107 33 42	98 1.14 74	110 -3.0 67	102 25 70	103 16.3 71	121 10.2 62	120 119 68	108 32.0 68	105 96 50	112 63 19	113 -58 39	97 0.1 54	84 3.1 53	93 -3.9 48	84 2.5 26	115 40.1 57	101 -2 53	103 16 50	114 2.08 43	114 2.14 46	96 -0.41 43	116 0.42 44
GCD 210017 92070259	2	MOR 160068 GCD 110056		90 72	111 72	96 63	94 70	84 44	94 60	107 70	94 36	92 55	95 24	107 32 45	85 2.52 76	107 -2.5 68	106 30 70	111 20.6 72	96 2.5 63	104 82 68	106 29.7 70	95 61 50	96 24 30	95 -28 19	107 0.7 55	101 13.2 54	79 3.8 49	87 1.9 27	110 36.8 55	92 -9 53	94 8 51	97 0.33 24	91 -1.49 25	94 -0.52 24	95 0.03 24

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
Animal no	%	Parentage	EBV Acc																																
GCD 210020	1	NFS 140024		89	116	109	89	87	105	117	99	103	109	110	85	106	111	116	109	115	113	101	87	102	74	92	72	99	108	103	103	128	106	94	128
92070291		GCD 150062		70	71	61	70	44	59	69	44	56	44	36	2.54	-2.4	38	23.2	6.3	109	36.3	81	4	-39	-1.1	8.0	7.5	-0.2	35.8	0	17	3.49	0.99	-0.59	0.66
														42	74	67	70	71	61	67	68	50	14	37	54	48	26	57	53	51	42	45	42	44	
GCD 210025	1	DAJ 170032		116	94	94	122	102	106	101	85	101	85	88	112	113	82	94	94	98	94	89	95	91	102	88	101	91	120	81	80	92	101	93	92
92338961		GCD 170072		72	71	54	53	43	56	66	38	52	30	6	-0.23	-3.3	-5	11.1	1.8	67	18.9	35	24	-21	0.4	5.7	-8.6	1.2	43.0	-17	-4	-0.09	0.15	-0.63	-0.02
														38	76	62	53	71	54	59	55	48	21	25	54	52	49	26	51	48	29	31	29	30	
GCD 210026	1	DAJ 170032		124	96	92	112	113	113	101	84	107	89	87	119	121	88	96	92	95	95	88	95	89	96	94	108	106	116	82	85	93	102	95	94
92338979		GCD 160047		72	71	54	52	40	55	66	36	51	28	6	-0.99	-4.3	4	12.1	1.2	59	19.9	32	23	-19	0.1	8.8	-12.6	-1.3	40.7	-17	0	0.02	0.23	-0.44	0.00
														34	76	62	52	71	54	59	67	46	15	23	53	51	45	22	50	46	26	29	26	28	
GCD 210035	7	DAJ 170032		110	102	100	121	85	106	113	89	101	91	84	107	117	83	102	100	112	95	93	98	100	99	91	78	81	119	92	92	97	104	93	98
92456227		GCD 180099		70	70	52	52	40	55	65	34	51	26	2	0.21	-3.8	-4	15.6	3.7	102	19.7	49	31	-36	0.2	7.5	4.2	2.9	42.2	-9	6	0.42	0.59	-0.61	0.08
														33	74	60	52	70	52	58	68	46	15	21	52	51	47	20	49	46	25	28	25	26	
GCD 210037	1	HBT 130088		97	93	100	124	102	99	97	88	95	88	80	93	96	81	93	100	104	94	90	103	100	102	89	99	96	112	87	90	82	101	98	82
92456243		GCD 140052		72	72	64	70	45	60	70	40	56	43	-5	1.66	-1.1	-7	10.6	3.6	82	19.2	41	41	-37	0.4	6.1	-7.6	0.4	38.2	-12	5	-1.16	0.14	-0.18	-0.22
														44	75	68	70	72	64	69	68	51	20	28	56	55	50	28	54	51	41	45	41	43	
GCD 210053	1	NFS 140024		84	137	112	78	98	130	146	110	128	121	127	75	109	125	137	112	128	129	111	92	112	80	106	88	105	108	115	120	139	105	94	139
92995307		GCD 150034		73	72	63	70	44	60	70	44	57	44	59	3.56	-2.8	59	35.1	7.5	141	50.9	119	16	-55	-0.8	16.2	-1.1	-1.2	36.0	9	31	4.61	0.81	-0.54	0.87
														42	76	69	70	72	63	68	63	50	14	37	55	54	48	26	58	53	51	42	45	42	44
GCD 210056	1	DAJ 170032		132	84	99	124	98	104	97	84	99	84	85	127	123	80	84	99	94	87	88	114	95	100	91	99	85	121	83	81	89	100	94	89
92995331		GCD 180038		72	71	53	53	42	56	66	37	52	29	2	-1.88	-4.6	-8	5.7	3.3	56	12.8	33	69	-28	0.3	7.5	-7.2	2.3	43.3	-16	-4	-0.42	0.04	-0.58	-0.09
														37	76	62	53	71	53	59	68	47	21	25	52	51	49	24	50	47	28	30	29	29	
GCD 210067	4	GCD 170165		93	104	122	91	90	103	109	94	100	97	110	94	98	108	104	122	118	111	96	131	95	88	109	84	88	119	90	94	126	98	89	124
93002079		GCD 140038		70	69	53	50	42	54	64	38	51	41	36	1.65	-1.3	33	16.9	10.5	115	34.5	62	109	-28	-0.3	17.6	1.0	1.8	42.1	-10	8	3.28	-0.29	-0.93	0.59
														37	74	60	50	69	53	57	67	45	21	27	47	51	46	28	52	50	46	39	43	39	41
GCD 210070	4	AVK 170227		91	107	98	91	95	95	101	98	94	102	106	86	108	109	107	98	100	112	100	114	92	85	86	98	88	115	89	103	97	94	107	97
92999143		GCD 180035		71	71	58	52	39	56	66	30	51	19	31	2.46	-2.7	35	18.2	3.1	71	35.3	76	69	-23	-0.5	4.4	-6.7	1.8	39.8	-11	16	0.40	-0.95	0.56	0.06
														35	75	60	52	71	58	60	65	43	14	14	50	49	44	22	52	48	44	18	20	18	19
GCD 210075	1	DAJ 170032		115	88	109	127	97	105	101	81	99	84	81	114	97	77	88	109	110	92	86	98	91	100	86	101	85	121	85	81	93	103	93	93
92999168		GCD 180043		72	71	54	53	43	56	66	38	52	29	-3	-0.52	-1.2	-13	7.9	6.3	95	17.1	24	29	-21	0.3	4.6	-8.3	2.3	43.4	-15	-3	0.00	0.44	-0.66	0.00
														38	76	62	53	71	54	59	68	48	22	25	53	52	49	26	51	48	28	30	28	29	
GCD 220003	1	DAJ 170032		105	105	115	119	97	120	123	91	115	96	89	102	113	83	105	115	130	102	95	89	93	97	97	94	91	118	89	92	107	102	95	107
93342582		GCD 170043		71	70	53	53	42	55	65	37	51	30	7	0.80	-3.3	-3	17.4	8.4	145	26.1	60	9	-26	0.1	10.6	-4.7	1.3	41.9	-11	6	1.39	0.24	-0.43	0.25
														38	75	62	53	70	53	59	56	47	20	25	52	51	48	25	54	50	48	29	31	29	30
GCD 220012	1	DAJ 170032		111	97	101	109	94	102	102	89	98	90	94	107	116	90	97	101	104	99	93	98	95	98	92	94	85	120	81	83	95	101	95	95
93435725		GCD 170037		72	71	54	53	41	56	66	38	52	30	14	0.27	-3.7	6	12.8	4.0	81	23.6	51	30	-28	0.2	7.9	-4.6	2.2	42.7	-17	-1	0.21	0.16	-0.46	0.04
														38	76	62	53	71	54	59	62	47	21	26	53	51	43	26	51	48	29	31	29	30	

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass				
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
GCD 220021 93973287	1	GCD 170165 JRP 140062			101 68	111 69	116 52	93 48	84 37	109 53	120 63	97 32	107 49	100 34	109 35	97 1.25	110 -2.9	105 29	111 20.7	116 8.5	121 122 56	112 35.3	102 86	102 40	103 -42	89 -0.3	109 17.9	90 -2.4	80 3.2	104 33.7	95 -6	104 17	108 1.48	89 -1.70	100 -0.02	106 0.24
GCD 220022 93973295	5	GCD 170165 GCD 120022			93 69	105 70	119 53	95 49	79 40	98 54	111 64	92 36	96 50	96 39	107 32	91 1.95	101 -1.8	103 26	105 17.3	119 9.6	119 119	108 31.5	97 68	95 23	95 -28	86 -0.4	116 22.0	81 2.6	81 2.9	106 34.9	84 -15	93 7	121 2.74 37	91 -1.38	92 -0.74	118 0.47
GCD 220026 94715000	1	DAJ 170032 GCD 180046			109 68	97 58	105 51	125 53	93 39	108 50	110 58	90 37	104 47	91 30	84 1	105 0.49	105 -2.2	79 -9 53	97 13.1	105 5.1	115 108	97 21.8	94 54	97 28	95 -28	101 0.4	92 8.2	96 -5.7	88 1.7	110 36.9	82 -17	84 -1	96 0.24	102 0.35	99 -0.16	96 0.04
GCD 220030 94390226	2	DAJ 170032 GCD 180211			108 71	100 70	95 52	113 51	98 36	104 54	104 65	89 36	100 50	88 26	89 8	106 0.33	123 -4.6 60	87 2	100 14.6	95 2.0	103 79	99 23.9	92 49	97 29	99 -35	92 -0.1	100 12.4	92 -3.4	90 1.4	122 43.9 50	86 -13	89 4	93 -0.03	85 -2.32	97 -0.26	91 -0.05
GCD 220044 94390341	2	WDS 190158 JRP 140001			88 69	105 71	87 52	107 47	94 33	91 53	97 64	92 29	89 48	94 20	89 8	88 2.26	90 -0.3	92 10	105 17.2	98 -0.4	98 66	101 25.6	92 48	87 4	90 -20	90 -0.2	83 2.5	100 -7.8	93 0.8	98 30.0	95 -6	94 8	103 1.02	96 -0.67	100 -0.01	102 0.17
GCD 220046 94390366	1	WDS 190158 GCD 140074			114 69	95 70	96 50	100 47	91 36	94 53	94 63	87 34	90 49	87 27	97 18	114 -0.50	107 -2.6	99 20	95 11.8	96 2.3	92 52	94 19.0	91 42	103 42	93 -25	96 0.1	82 2.3	94 -4.7	93 0.9	99 30.6	99 -3	96 10	90 -0.30	87 -2.03	95 -0.45	88 -0.10
GCD 220047 94390374	1	WDS 190158 GCD 150058			90 67	101 69	90 49	114 47	80 35	84 52	97 62	91 30	83 48	90 18	88 7	89 2.10	89 -0.1	87 2	101 15.2	90 0.5	100 70	95 19.8	93 51	89 9	96 -30	103 0.5	83 2.7	84 0.8	87 1.9	94 27.4	100 -3	93 7	99 0.59	93 -1.17	90 -0.85	98 0.08
GCD 220049 94390390	1	WDS 190158 GCD 150098			96 67	112 68	91 48	101 46	83 34	97 51	110 61	92 31	95 47	97 23	100 23	92 1.84	105 -2.3	98 18	112 21.2	91 0.8	105 84	101 25.3	93 52	82 -7	89 -19	99 0.3	82 2.3	91 -2.8	82 2.8	101 31.9	99 -4	97 11	104 1.07	86 -2.22	95 -0.49	102 0.15
GCD 220053 94390424	1	WDS 190158 GCD 120048			97 69	95 70	98 52	119 48	85 36	89 53	97 64	85 32	86 49	88 25	83 -1	96 1.41	90 -0.3	84 -2	95 11.8	98 3.0	102 77	95 20.3	84 16	90 11	78 0 17	86 -0.4	86 4.2	88 -1.3	93 0.9	95 27.9	84 -15	82 -3	106 1.31	93 -1.18	94 -0.53	105 0.21
GCD 220054 94390432	1	WDS 190158 GCD 170094			84 68	110 70	97 50	99 47	91 33	95 52	104 63	92 34	93 48	98 25	99 21	84 2.69	92 -0.5	99 20	110 19.8	97 2.8	107 89	107 30.9	92 48	89 10	93 -25	83 -0.6	79 0.0 50	88 -1.4	96 0.4	104 33.7	101 -2	95 9	114 2.11	101 0.21	91 -0.81	114 0.39
GCD 220055 94390440	1	WDS 190158 GCD 120020			92 70	103 71	95 53	113 48	96 38	98 54	102 65	96 34	96 50	91 26	89 7	92 1.85	87 0.1	87 2	103 16.3	95 2.1	107 87	101 24.9	96 61	87 5	94 -26	109 0.8	85 4.0	97 -6.5	102 -0.7	96 28.6	92 -9	90 5	98 0.50	91 -1.51	93 -0.61	97 0.06
GCD 220056 94390457	2	JOY 190052 GCD 170015			102 69	107 70	108 51	96 49	102 36	112 53	112 64	95 26	109 48	98 24	101 25	101 0.89	104 -2.2	102 24	107 18.6	113 6.2	113 103	107 30.5	98 71	96 26	94 -27	83 -0.6	115 21.0	93 -4.1	102 -0.6	113 38.8	91 -9	97 11	115 2.21	90 -1.67	97 -0.32	113 0.37

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values											Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
GCD 220058 94715448	1	GCD 200142 GCD 160081			98 66	104 66	119 50	102 48	83 35	104 51	114 61	87 33	100 47	90 32	102 26	94 1.66	106 -2.3	95 15	104 16.7	119 9.5	123 128	104 27.5	90 41	82 -7	95 -28	108 0.8	94 9.2	81 2.7	81 2.9	113 38.6	87 -12	92 6	102 0.90	93 -1.18	101 0.07	101 0.14
GCD 220059 94715455	2	JOY 190052 GCD 190022			102 66	105 67	116 46	101 46	86 32	106 50	113 60	92 20	103 44	95 17	97 18	102 0.73	97 -1.2	96 16	105 17.1	116 8.5	120 121	103 26.9	98 71	95 24	102 -39	99 0.3	113 19.9	83 1.4	83 2.5	116 40.5	102 -1	104 17	105 1.15	85 -2.31	93 -0.66	102 0.16
GCD 220427 95408829	1	DAJ 170032 GCD 170059			125 60	90 60	101 52	126 53	94 40	107 50	104 58	87 37	103 47	90 30	84 1	122 -1.35	127 -5.2	79 -10	90 9.3	101 4.0	104 81	91 16.4	91 45	89 10	93 -26	105 0.6	86 4.3	103 -9.7	82 2.8	113 38.9	85 -14	83 -2	96 0.29	104 0.56	94 -0.54	97 0.06
GCD 230003 95355400	2	DAJ 170032 GCD 190003			105 68	101 60	111 46	106 45	94 36	107 49	109 57	92 33	104 46	95 22	92 12	103 0.61	102 -1.9	92 9	101 15.0	111 7.2	116 110	101 24.9	93 53	102 39	92 -23	93 -0.1	96 10.4	91 -3.2	91 1.1	109 36.7	92 -9	88 3	93 -0.06	98 -0.27	100 -0.03	93 -0.02
GCD 230008 95355442	2	DAJ 170032 GCD 180212			87 68	107 60	101 50	108 51	89 36	98 50	108 58	86 34	94 47	92 26	92 11	84 2.66	105 -2.3	90 7	107 18.5	101 3.9	114 105	101 25.2	90 39	90 12	95 -28	95 0.0	73 7.3	85 0.5	89 1.6	111 37.4	86 -14	88 3	96 0.27	100 -0.01	94 -0.54	96 0.04
GCD 230010 95355467	6	MOR 160068 GCD 150081			111 68	105 61	82 52	94 54	93 37	96 51	99 60	87 32	92 47	89 16	108 34	107 0.27	121 -4.4	106 31	105 17.5	82 -1.9	87 39	101 25.1	91 44	101 37	97 -32	110 0.9	97 10.5	95 -5.3	91 1.1	103 32.7	101 -2	97 11	91 -0.26	90 -1.65	90 -0.91	89 -0.09
GCD 230011 95355475	2	MOR 160068 GCD 180041			88 69	114 68	93 55	101 56	95 40	102 55	111 64	89 36	99 51	91 26	103 27	83 2.74	104 -2.1	98 18	114 22.4	93 1.4	109 92	107 30.9	91 42	98 30	94 -27	107 0.7	88 5.8	96 -6.0	85 2.2	117 41.4	95 -6	96 10	97 0.40	93 -1.16	93 -0.64	96 0.05
GCD 230015 95748919	1	GCD 200146 GCD 180061			125 66	80 67	102 47	125 46	104 35	102 51	91 61	81 34	96 48	78 30	79 -5	122 -1.29	115 -3.5	79 -10	80 3.6	102 4.3	93 55	85 10.9	84 17	107 50	88 -17	94 0.0	90 6.7	102 -8.8	97 0.2	115 39.7	73 -24	74 -9	81 -1.23	97 -0.56	99 -0.11	81 -0.25
GCD 230016 95748596	1	JOY 190052 GCD 160054			118 67	89 67	101 50	108 47	94 33	96 51	93 61	84 24	92 46	84 20	89 8	116 -0.66	111 -3.0	91 8	89 8.6	101 3.9	95 60	91 15.9	90 39	115 70	100 -36	92 -0.1	107 16.9	91 -3.1	92 1.1	112 38.1	91 -9	92 7	91 -0.27	89 -1.68	96 -0.41	89 -0.09
GCD 230018 95748604	5	WDS 190158 GCD 160094			108 67	103 69	86 49	105 46	93 33	97 51	101 62	96 31	95 47	94 23	94 15	104 0.60	110 -3.0	94 12	103 16.3	86 -0.7	94 57	99 23.8	97 67	101 36	95 -28	92 -0.1	83 2.9	97 -6.3	95 0.6	95 28.1	99 -3	97 10	95 0.22	89 -1.71	101 0.02	94 0.01
GCD 230019 95748612	1	WDS 190158 GCD 160035			108 67	77 69	92 49	137 46	86 33	79 51	80 62	80 32	75 47	76 23	68 -21	106 0.37	91 -0.4	67 -27	77 2.0	92 1.1	86 38	81 7.3	80 3	96 25	82 -8	86 -0.4	79 0.2	94 -4.8	89 1.6	97 29.3	81 -18	75 -9	93 -0.02	87 -2.10	93 -0.63	91 -0.06
GCD 230021 96051610	5	GFM 190262 GCD 120020			79 68	106 70	104 53	99 49	96 37	94 53	100 64	107 33	95 49	106 32	99 22	80 3.08	86 0.2	99 20	106 17.7	104 4.8	109 93	104 28.4	105 98	95 24	102 -40	115 1.1	100 12.3	93 -4.0	103 -0.9	100 31.4	101 -2	101 14	108 1.46	105 0.72	97 -0.31	108 0.28

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values									Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass				
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
GCD 230022 96051909	1	GCD 200146 GCD 200073		99 65	97 66	113 43	107 44	97 31	103 49	104 59	90 32	99 46	92 26	94 14	94 1.61	106 -2.4	91 8	97 13.0	113 7.7	114 106	99 23.3	91 44	109 44	96 57	91 -29	87 4.8	93 -4.3	93 0.8	115 39.7	84 -15	87 2	99 0.53	101 0.12	96 -0.35	98 0.09
GCD 230023 96051628	1	GFM 190262 GCD 170083		88 67	103 67	106 48	90 47	86 31	89 50	98 61	107 32	90 46	110 28	107 33	88 2.24	99 -1.4	109 35	103 16.2	106 5.6	103 79	103 26.9	106 100	99 32	106 -46	95 0.0	88 5.8	83 1.3	91 1.2	102 32.1	114 8	109 21	112 1.85	117 2.71	102 0.14	114 0.39
GCD 230024 96051636	1	NFS 140024 GCD 180084		106 69	98 70	95 55	102 55	96 38	96 55	96 65	97 42	95 52	97 40	96 18	102 0.73	110 -2.9	96 16	98 13.4	95 2.0	95 60	99 23.2	100 77	106 49	113 -57	91 -0.2	86 4.5	96 -5.5	99 -0.2	102 32.3	99 -3	100 14	107 1.34	108 1.21	99 -0.11	107 0.26
GCD 230025 96051917	2	GCD 200146 GCD 210009		96 65	105 66	98 42	108 44	103 30	105 48	106 59	83 30	100 44	87 18	94 15	92 1.80	110 -2.9	91 8	105 17.4	98 3.0	109 93	103 26.8	85 22	96 25	88 -17	101 0.3	90 6.4	102 -9.0	92 1.0	119 42.3	82 -17	84 -1	93 -0.04	97 -0.41	92 -0.73	92 -0.02
GCD 230026 96051925	2	GCD 200146 GCD 200053		101 65	98 66	106 42	108 43	94 31	99 48	102 59	91 30	96 44	91 21	92 12	97 1.30	104 -2.1	90 6	98 13.2	106 5.4	108 92	99 23.5	92 47	105 46	87 -15	89 -0.3	88 5.5	92 -3.4	87 1.8	116 40.5	77 -21	84 -1	92 -0.14	102 0.32	98 -0.19	92 -0.03
GCD 230027 96051933	1	GCD 200146 GCD 190067		120 66	85 67	103 45	118 45	100 32	100 50	94 60	83 30	95 46	81 25	86 4	115 -0.56	116 -3.7	84 -2	85 6.4	103 4.5	97 63	86 11.5	85 20	115 72	93 -25	99 0.3	88 5.5	102 -8.9	90 1.3	115 40.0	76 -21	77 -7	85 -0.81	107 1.01	92 -0.75	86 -0.14
GCD 230028 96051644	4	JOY 190052 GCD 100014		85 69	110 71	118 54	95 49	87 37	103 54	113 65	93 27	100 49	95 23	101 24	88 2.27	88 0.0	103 25	110 19.9	118 9.2	123 127	108 31.3	93 50	96 25	90 -20	90 -0.3	109 17.5	80 3.1	94 0.6	104 33.3	93 -8	102 15	103 0.95	80 -3.20	102 0.09	99 0.11
GCD 230031 96051859	1	WDS 190158 GCD 140052		97 69	99 70	109 51	105 48	99 36	101 53	102 64	89 34	98 49	89 27	90 9	98 1.21	93 -0.6	92 10	99 13.7	109 6.5	111 98	98 22.7	91 44	93 18	93 -24	98 0.2	83 2.8	102 -8.9	96 0.3	100 30.9	99 -4	94 8	86 -0.72	91 -1.47	102 0.10	85 -0.16
GCD 230032 96051966	2	GCD 200146 GCD 180097		109 66	87 67	101 44	122 44	88 31	91 49	93 60	81 28	87 45	77 20	85 2	106 0.37	113 -3.4	82 -6	87 7.3	101 4.1	99 68	88 13.8	84 19	100 35	89 -19	102 0.4	95 9.7	91 -2.8	81 2.9	112 38.0	75 -22	76 -8	91 -0.19	93 -1.20	91 -0.78	90 -0.07
GCD 230034 96051875	1	JOY 190052 GCD 090045		107 69	110 71	106 53	94 49	87 37	109 54	116 65	94 26	105 48	97 19	106 31	105 0.48	111 -3.0	105 28	110 20.2	106 5.6	112 102	106 29.4	99 72	95 22	104 -42	105 0.6	114 20.8	87 -0.5	85 2.2	108 36.1	99 -3	104 17	103 0.97	87 -2.01	99 -0.10	101 0.14
GCD 230035 96051883	1	NFS 140024 GCD 160049		88 69	112 69	110 56	97 56	90 38	104 55	115 65	97 44	102 53	106 42	102 25	82 2.82	104 -2.1	101 24	112 20.9	110 6.8	119 117	109 32.8	99 73	101 36	109 -51	94 0.0	93 8.3	85 0.4	95 0.5	104 33.4	106 2	109 21	113 1.97	105 0.70	98 -0.25	113 0.37
GCD 230037 96522115	3	GFM 190262 GCD 120048		86 68	109 68	100 52	91 49	85 35	91 52	103 63	100 31	91 48	109 31	106 31	85 2.58	98 -1.4	98 35	109 19.6	100 3.8	104 81	106 29.6	97 67	94 21	89 -18	93 -0.1	103 14.4	81 2.7	94 0.7	99 30.7	98 -4	99 13	122 2.84	107 1.03	98 -0.18	122 0.54

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
GCD 230038 96522123	5	GFM 190262 GCD 120037		86 68	102 69	107 53	91 49	81 36	85 53	97 63	99 32	85 49	100 31	106 31	84 2.66	100 -1.6	108 34	102 15.7	107 5.9	103 80	102 26.0	98 70	99 32	95 -28	86 -0.5	92 7.6	82 2.1	89 1.6	97 29.4	103 0	98 12	117 2.43	103 0.46	92 -0.74	117 0.45
GCD 230039 96522644	1	WDS 190158 GCD 110054		86 69	98 71	97 52	124 48	87 38	90 54	98 64	93 36	88 50	90 28	82 -2	90 2.07	71 2.3 57	81 -7	98 13.7	97 2.8	108 90	96 21.0	92 49	88 6	87 -15	94 0.0	80 0.9	87 -0.9	97 0.2	92 26.5	93 -8	89 4	94 0.06	99 -0.23	95 -0.45	94 0.00
GCD 230041 96522669	1	GFM 190262 GCD 150013		80 66	110 67	106 50	90 48	84 35	91 51	103 61	97 30	90 47	103 30	109 35	84 2.70	86 0.3	109 35	110 19.8	106 5.6	109 93	105 29.1	97 66	96 27	94 -26	105 0.6	98 11.4	92 -3.2	83 2.5	100 31.2	108 3	103 16	111 1.75	103 0.49	92 -0.74	111 0.33
GCD 230042 98528136	1	NFS 140024 JRP 150091		91 70	115 61	108 56	94 56	82 40	104 53	119 61	113 45	106 51	113 43	105 30	87 2.37	107 -2.5	105 29	115 22.7	108 6.3	118 116	114 37.2	112 122	99 32	120 -68	84 -0.5	86 4.7	83 1.5	86 2.1	104 33.4	106 2	115 27	127 3.38	104 0.54	97 -0.27	127 0.63
GCD 240001 96570924	1	NFS 140024 GCD 190041		90 68	113 61	90 53	95 55	98 38	100 51	106 60	104 44	100 50	107 44	104 28	86 2.47	105 -2.3	105 28	113 21.5	90 0.7	101 75	113 35.7	107 103	113 65	111 -55	86 -0.4	88 5.4	93 -3.8	104 -1.0	101 31.7	104 1	104 17	106 1.25	102 0.28	102 0.13	106 0.24
GCD 240002 96902721	26	DAJ 170032 GCD 200032		124 67	99 68	103 48	120 51	109 36	122 52	114 62	85 34	115 48	87 23	86 4	121 -1.24	127 -5.2	83 -3	99 13.7	103 4.4	111 98	96 21.0	89 38	94 20	92 -24	98 0.2	90 6.6	111 -14.2	95 0.4	115 39.8	85 -14	84 -1	90 -0.30	101 0.18	97 -0.30	90 -0.06
GCD 240006 96902762	1	DAJ 170032 GCD 210053		98 67	118 68	103 49	97 51	100 36	119 52	124 62	96 36	115 49	104 28	102 26	95 1.54	116 -3.7	101 23	118 24.6	103 4.7	119 119	112 35.3	100 76	91 15	101 -39	87 -0.4	98 11.5	95 -5.0	100 -0.4	109 36.2	100 -2	101 15	116 2.29	103 0.48	94 -0.51	116 0.43
GCD 240008 96902788	1	DAJ 170032 GCD 200087		105 67	96 69	97 50	129 51	99 36	105 53	105 63	77 34	98 49	81 20	76 -10	100 0.96	102 -1.9	75 -15	96 12.3	97 2.6	108 91	93 18.3	81 8	95 23	87 -16	98 0.2	87 5.0	100 -7.9	92 1.0	113 38.5	90 -10	83 -1	90 -0.30	97 -0.49	91 -0.80	90 -0.08
GCD 240009 97074710	1	TOR 180202 GCD 190084		95 66	121 68	94 49	90 48	84 34	104 51	118 62	113 34	106 48	119 28	113 41	94 1.62	103 -2.0	110 37	121 26.0	94 1.7	108 92	117 39.4	113 126	99 31	109 -51	84 -0.5	88 5.8	87 -0.9	85 2.3	100 30.9	106 2	114 25	112 1.90	93 -1.19	103 0.21	111 0.33
GCD 240011 97071625	3	TOR 180202 GCD 150098		109 68	94 69	99 51	110 48	87 36	94 53	98 63	98 32	93 49	96 28	93 14	107 0.25	103 -2.0	89 5	94 11.4	99 3.5	100 72	97 21.8	97 65	103 42	92 -24	95 0.0	79 0.4	97 -6.4	81 2.9	103 32.9	83 -16	88 3	94 0.09	85 -2.46	98 -0.17	92 -0.03
GCD 240013 97081111	1	DAJ 170032 GCD 210017		107 67	103 69	95 49	108 51	94 36	103 52	106 63	87 34	98 48	89 21	92 12	103 0.62	117 -3.8	90 7	103 16.3	95 2.1	104 81	99 23.5	90 39	95 24	92 -23	100 0.3	94 8.9	92 -3.3	91 1.1	109 36.7	86 -14	85 0	93 -0.07	96 -0.67	94 -0.52	92 -0.03
GCD 240015 97071641	3	TOR 180202 GCD 180212		81 67	125 68	97 49	84 47	80 34	100 51	120 62	107 32	100 47	114 26	121 52	78 3.33	101 -1.8	118 48	125 28.5	97 2.9	111 99	118 40.9	108 107	92 16	103 -41	92 -0.1	91 7.5	77 4.6	85 2.3	103 33.1	96 -6	108 21	108 1.44	94 -1.04	98 -0.20	107 0.25

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass				
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
GCD 240016	3	TOR 180202			97	120	98	91	78	104	120	108	104	114	112	95	107	108	120	98	112	112	109	91	105	95	90	79	79	104	100	110	110	97	97	109
97071658		GCD 180099			67	69	50	48	35	52	62	32	48	28	39	1.53	-2.5	34	25.3	3.1	100	35.4	111	12	-45	0.0	6.7	3.5	3.3	33.6	-3	22	1.64	-0.44	-0.27	0.30
															36	72	55	48	69	50	56	55	45	13	17	49	50	37	21	46	49	46	26	29	26	28
GCD 240018	2	DAJ 170032			121	95	108	109	94	109	107	93	105	98	89	116	119	89	95	108	109	96	95	103	97	91	90	89	94	108	96	92	99	106	99	100
97071674		GCD 200001			67	67	49	52	36	52	62	37	49	28	9	-0.74	-4.1	6	11.9	6.2	93	20.4	59	42	-32	-0.2	6.8	-1.9	0.8	36.1	-6	6	0.60	0.96	-0.15	0.13
															34	72	58	52	67	49	56	53	46	14	25	52	51	38	20	51	50	47	27	29	27	28
GCD 240019	26	DAJ 170032			118	95	94	126	108	113	105	82	106	87	79	115	121	79	95	94	102	94	86	95	89	95	90	106	101	113	81	80	92	101	95	92
97071682		GCD 210026			67	59	46	45	34	48	56	34	45	22	-5	-0.63	-4.3	-10	11.8	1.9	77	18.6	25	23	-19	0.0	6.8	-11.4	-0.5	38.9	-17	-4	-0.15	0.19	-0.47	-0.03
															31	72	54	45	59	46	50	56	44	13	20	51	50	38	18	47	48	45	21	23	21	22
GCD 240020	17	GCD 200146			116	92	103	125	103	109	104	82	103	83	84	111	114	79	92	103	106	92	85	97	86	98	87	104	89	122	73	74	90	103	93	90
97399133		GCD 210025			64	55	39	38	30	44	51	30	41	21	2	-0.23	-3.5	-9	9.8	4.5	87	16.8	20	29	-14	0.2	4.9	-10.4	1.5	43.9	-24	-10	-0.33	0.43	-0.61	-0.06
															27	71	49	38	55	39	44	42	40	15	18	48	46	32	18	40	45	41	20	22	21	21
GCD 240021	2	GCD 210101			96	112	115	100	92	114	123	89	109	98	103	92	109	97	112	115	127	105	92	90	89	108	102	92	85	115	93	97	109	98	92	108
97399596		GCD 170043			66	52	47	47	34	46	53	32	43	27	28	1.85	-2.8	18	21.3	8.4	136	28.9	47	12	-19	0.7	13.6	-3.4	2.2	40.2	-8	10	1.57	-0.33	-0.74	0.28
															35	71	55	47	52	47	49	47	41	21	21	48	46	36	24	43	45	42	26	28	27	27
GCD 240022	2	GCD 210101			89	115	88	97	95	100	109	92	98	97	104	86	112	102	115	88	103	107	94	106	92	105	98	94	91	109	97	98	96	90	99	94
97399604		GCD 160094			66	52	48	46	31	45	53	29	42	24	28	2.46	-3.2	25	23.0	-0.1	79	31.1	54	49	-24	0.6	11.3	-4.6	1.3	36.7	-5	11	0.26	-1.56	-0.16	0.02
															30	72	54	46	52	48	49	44	39	15	16	47	45	32	20	42	44	40	23	25	23	24
GCD 240024	3	GCD 210101			97	106	85	103	91	93	99	76	87	83	97	95	115	96	106	85	95	97	80	107	88	104	98	90	87	112	90	88	90	92	89	89
97555916		GCD 160054			67	50	48	46	30	45	52	30	42	21	19	1.55	-3.6	15	17.7	-1.0	58	21.7	4	51	-16	0.5	11.3	-2.3	1.9	38.2	-10	3	-0.30	-1.21	-0.98	-0.09
															30	72	55	46	50	48	48	42	38	17	18	47	45	29	18	43	43	39	20	22	20	21
GCD 240025	17	GCD 200146			115	89	110	127	101	110	105	80	103	83	81	111	105	77	89	110	114	91	83	99	86	97	86	104	86	122	75	74	90	104	93	91
97399141		GCD 210075			64	55	39	38	30	44	51	30	41	21	-3	-0.17	-2.3	-13	8.7	6.8	105	16.5	15	31	-14	0.1	4.3	-10.3	2.1	44.1	-22	-9	-0.29	0.57	-0.63	-0.05
															27	71	49	38	55	39	44	47	40	15	18	48	46	32	18	40	45	41	20	22	20	21
GCD 240026	1	TOR 200066			94	105	90	103	90	92	99	90	89	97	96	90	102	95	105	90	98	101	94	78	96	126	114	85	101	97	89	91	100	111	105	102
97399158		JRP 140049			67	53	50	47	36	47	54	32	44	28	18	2.05	-1.8	14	17.2	0.4	67	25.1	55	-18	-30	1.7	20.4	0.2	-0.5	29.2	-11	6	0.69	1.76	0.37	0.16
															38	72	56	47	53	50	50	48	42	15	18	50	48	37	24	46	46	43	26	29	27	28
GCD 240027	26	DAJ 170032			110	99	106	128	100	116	115	85	110	90	80	108	117	77	99	106	120	97	90	92	91	95	92	99	93	114	85	84	99	101	95	98
97555908		GCD 220003			67	59	46	46	35	48	56	34	45	23	-5	0.14	-3.9	-13	14.2	5.5	121	21.3	39	16	-22	0.0	7.7	-7.5	0.8	39.5	-14	-1	0.53	0.20	-0.47	0.09
															32	72	55	46	59	46	50	53	45	15	20	51	50	39	19	47	48	45	22	24	22	23
GCD 240028	2	GCD 210101			88	112	98	97	79	93	108	89	90	92	106	84	102	102	112	98	108	106	89	101	91	115	91	86	75	109	93	91	97	88	85	95
97555932		GCD 090005			68	54	51	48	37	48	55	34	45	28	31	2.66	-1.9	24	20.8	3.0	91	29.4	38	38	-22	1.1	7.2	-0.3	4.0	36.7	-8	6	0.41	-1.95	-1.31	0.03
															36	73	57	48	54	51	51	50	44	24	21	52	50	37	28	46	49	45	27	28	27	28
GCD 240029	1	DAJ 170032			103	104	102	105	96	106	109	92	102	97	94	99	114	93	104	102	110	103	95	105	100	91	89	90	97	107	94	94	103	99	97	103
97555940		GCD 200073			68	59	48	51	35	49	57	36	46	27	15	1.08	-3.4	12	16.9	4.3	95	26.8	58	47	-37	-0.2	6.1	-2.5	0.1	35.5	-7	8	0.98	-0.17	-0.28	0.17
															32	73	57	51	59	48	53	54	45	13	24	51	50	38	18	48	49	46	26	28	26	27

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
			Sire ID Dam ID																																
GCD 240030 97556203	1	GCD 210101 GCD 080050		89 68	107 53	91 50	104 48	88 35	92 47	102 54	88 32	89 44	90 26	95 16	85 2.51	98 -1.4	94 13	107 18.5	91 0.9	102 77	101 25.4	89 36	101 37	89 -19	111 0.9	97 10.5	86 -0.1	90 1.4	104 33.7	89 -11	89 4	94 0.10	101 0.15	96 -0.34	94 0.02
GCD 240031 97555957	2	NPT 210146 GCD 190023		93 65	106 51	95 45	99 45	106 31	102 44	101 51	108 30	102 41	106 24	98 20	92 1.78	98 -1.4	100 21	106 17.8	95 2.1	101 75	105 29.0	109 110	101 38	100 -36	99 0.3	99 11.8	100 -7.8	107 -1.6	105 34.2	96 -6	97 11	99 0.55	98 -0.37	109 0.70	99 0.10
GCD 240032 98039860	3	NPT 210146 GCD 170007		86 66	106 51	106 47	96 46	103 33	102 45	103 52	99 30	100 42	102 25	100 23	90 2.06	86 0.2	102 25	106 17.8	106 5.6	110 95	107 30.6	99 75	105 47	90 -20	92 -0.1	107 16.5	94 -4.6	106 -1.4	108 35.9	95 -7	92 6	113 2.02	95 -0.74	97 -0.30	112 0.35
GCD 240033 98039878	2	DAJ 170032 GCD 210005		107 68	105 59	107 47	103 50	94 34	109 49	112 57	90 32	105 46	97 21	95 16	103 0.67	117 -3.8	95 14	105 17.2	107 5.8	114 105	104 27.8	94 56	96 27	93 -24	90 -0.2	91 7.5	95 -5.0	87 1.9	112 38.4	89 -12	92 6	99 0.54	96 -0.70	99 -0.10	98 0.08
GCD 240034 98039886	2	DAJ 170032 GCD 210067		110 67	98 59	109 45	109 45	97 35	108 48	108 56	87 34	103 45	91 26	90 10	106 0.34	109 -2.8	89 5	98 13.4	109 6.5	113 102	100 24.8	90 41	113 66	92 -23	91 -0.2	98 11.2	94 -4.6	92 1.1	114 39.6	85 -14	85 0	108 1.48	100 -0.07	92 -0.72	107 0.26
GCD 240035 98039894	2	NPT 210146 GCD 100053		85 68	103 52	111 48	104 47	82 35	92 46	103 53	108 32	93 43	108 24	93 14	87 2.30	81 0.9	93 11	103 15.9	111 7.1	116 112	103 27.1	106 100	78 -17	92 -23	109 0.8	101 13.3	79 3.9	90 1.4	101 32.0	87 -13	92 6	104 1.05	96 -0.70	102 0.10	103 0.18
GCD 240036 98039902	4	TOR 200066 GCD 180041		99 66	108 52	99 49	99 48	93 36	102 46	108 53	95 32	100 43	102 26	105 30	95 1.46	115 -3.6	99 20	108 18.7	99 3.3	107 88	103 27.5	98 69	88 7	99 -35	120 1.4	106 16.0	90 -2.2	95 0.5	107 35.4	88 -12	96 10	102 0.89	105 0.71	103 0.18	103 0.18
GCD 240037 98039910	1	TOR 200066 GCD 150053		86 67	113 53	112 49	87 48	88 35	102 47	113 54	91 31	98 44	107 23	112 39	82 2.89	111 -3.0	114 42	113 21.7	112 7.3	114 106	108 31.7	95 60	91 12	94 -27	108 0.8	129 29.5	79 3.8	104 -1.0	95 28.3	91 -10	99 13	119 2.57	109 1.33	104 0.26	120 0.50
GCD 240038 98039928	4	NPT 210146 GCD 110018		103 68	93 54	101 51	107 47	103 36	96 48	92 55	96 34	95 45	88 30	90 9	104 0.52	94 -0.7	91 9	93 10.4	101 4.0	98 67	93 18.2	99 73	105 46	96 -30	100 0.3	99 11.7	101 -8.3	105 -1.1	103 32.7	97 -5	87 2	90 -0.35	93 -1.13	92 -0.69	89 -0.09
GCD 240040 98039936	1	DAJ 170032 GCD 200053		113 68	95 60	97 48	113 50	93 36	99 49	100 58	90 34	96 46	92 22	87 6	108 0.09	112 -3.2	87 2	95 11.7	97 2.8	100 71	96 21.0	93 50	103 43	90 -20	88 -0.3	88 5.4	91 -2.7	92 1.0	109 36.2	84 -15	86 1	93 -0.06	100 0.04	99 -0.14	93 -0.02
GCD 240041 98040256	2	DAJ 170032 GCD 210009		111 68	103 59	88 48	111 51	102 35	106 49	104 57	83 33	101 46	90 20	90 10	109 0.03	122 -4.5	89 5	103 16.0	88 -0.1	98 66	100 24.0	87 30	93 19	92 -23	100 0.3	90 7.0	100 -7.9	96 0.3	112 38.2	90 -11	89 3	95 0.20	96 -0.69	92 -0.68	94 0.02
GCD 240042 98041080	1	GCD 210101 GCD 160036		91 66	109 50	107 44	100 45	94 30	105 44	112 51	85 29	100 41	95 24	99 22	87 2.33	110 -2.9	98 18	109 19.7	107 5.7	116 110	103 27.0	86 24	98 30	87 -15	107 0.7	93 8.7	93 -4.2	90 1.3	110 37.2	94 -7	95 9	100 0.68	92 -1.30	94 -0.51	99 0.10

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values											Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
GCD 240043 98040264	1	TOR 200066 GCD 160049			88 66	116 50	99 49	93 48	100 32	107 45	113 52	91 30	104 42	105 21	109 35	87 2.38 71	118 -4.0 55	107 31 48	116 23.3 50	99 3.3 49	110 96 49	109 32.7 44	95 59 40	85 -1 12	98 -33 18	124 1.6 48	119 23.4 46	91 -3.1 31	106 -1.4 20	104 33.6 44	97 -5 45	104 17 40	105 1.15 20	101 0.12 22	104 0.28 20	105 0.21 21
GCD 240044 98040272	1	DAJ 170032 GCD 200090			106 68	99 60	104 49	110 51	101 36	107 50	106 58	86 37	102 47	90 28	88 7 34	101 0.82 73	108 -2.6 57	89 5 51	99 14.1 60	104 4.9 49	109 94 53	99 23.4 54	91 44 46	105 47 13	100 -36 25	91 -0.2 52	87 5.2 51	95 -5.4 39	100 -0.3 20	110 37.2 49	89 -11 50	89 4 46	95 0.15 27	102 0.26 29	95 -0.47 27	95 0.03 28
GCD 240045 98040280	2	TOR 200066 GCD 160003			97 64	107 51	98 45	95 47	87 34	95 45	105 51	98 32	94 42	99 23	108 33 38	92 1.86 69	110 -2.9 54	104 27 47	107 18.3 51	98 3.0 45	103 78 48	104 28.2 46	100 77 40	92 16 14	101 -38 22	124 1.6 47	115 21.0 45	84 0.9 35	96 0.4 22	97 29.2 45	91 -10 44	95 9 41	102 0.84 22	101 0.16 24	101 0.07 22	102 0.15 23
GCD 240046 98040298	1	TOR 200066 GCD 120037			90 67	105 54	99 52	97 49	88 36	92 48	100 55	91 32	89 45	95 24	103 26 39	88 2.21 72	116 -3.8 57	101 24 49	105 17.2 54	99 3.5 52	103 80 52	103 27.1 50	93 50 43	90 11 14	92 -24 18	101 0.4 51	105 15.6 49	82 1.9 38	101 -0.5 25	96 28.7 46	88 -12 48	90 5 44	110 1.67 24	100 -0.03 25	97 -0.30 24	109 0.30 24
GCD 240048 98040306	1	NPT 210146 GCD 160031			90 66	102 51	125 46	95 46	91 31	102 45	107 52	109 33	103 43	109 23	104 28 36	94 1.63 71	88 0.1 54	102 25 46	102 15.5 51	125 11.3 46	121 124 48	102 26.3 45	110 116 41	100 36 14	101 -38 22	109 0.8 49	104 14.7 47	92 -3.5 31	91 1.2 21	103 32.8 42	104 0 46	103 16 42	107 1.36 22	95 -0.76 24	102 0.11 22	106 0.24 23
GCD 240049 98040314	1	NPT 210146 GCD 190067			92 64	98 51	101 44	98 45	100 30	93 44	93 51	99 28	92 41	98 22	98 20 35	93 1.66 70	93 -0.7 52	100 22 45	98 13.5 51	101 4.0 44	99 69 47	97 21.4 48	100 78 39	114 69 12	102 -40 15	106 0.6 47	98 11.2 45	97 -6.2 32	99 -0.2 18	107 35.6 40	95 -7 44	94 8 40	96 0.26 21	104 0.64 23	97 -0.28 21	97 0.06 22
GCD 240050 98040322	1	TOR 200066 GCD 090019			88 68	112 53	105 51	95 48	91 37	102 48	111 54	93 36	99 46	102 28	106 30 39	85 2.56 72	111 -3.0 57	104 27 48	112 20.9 53	105 5.2 51	113 103 51	108 31.3 50	95 58 44	98 31 16	99 -34 25	120 1.4 52	110 18.1 50	85 0.2 38	101 -0.6 25	97 29.4 47	94 -7 48	101 14 44	107 1.38 26	94 -1.00 29	107 0.50 26	106 0.23 28
GCD 240052 98181258	1	NPT 210146 GCD 110029			88 68	104 53	108 50	102 47	98 34	100 47	103 54	96 30	98 44	99 23	92 12 37	91 1.92 73	83 0.7 56	96 15 47	104 16.5 53	108 6.3 50	113 104 50	103 26.6 49	98 70 42	97 29 24	94 -27 16	101 0.4 50	99 11.9 48	102 -9.2 36	98 0.0 23	99 30.7 44	103 0 47	99 12 43	109 1.55 22	93 -1.12 24	96 -0.41 22	107 0.26 23
GCD 240053 98183700	1	NPT 210146 GCD 100014			90 68	102 54	108 51	100 47	92 34	96 47	101 55	96 32	95 44	96 23	95 16 37	94 1.64 73	86 0.3 56	98 18 47	102 15.6 54	108 6.2 51	110 96 51	100 24.6 49	93 52 41	96 25 14	84 -11 21	95 0.1 49	97 10.5 47	87 -0.8 35	101 -0.5 22	99 30.3 45	88 -12 46	91 6 42	101 0.73 22	86 -2.22 24	103 0.19 22	98 0.09 23

Selection List on Cow Value

Bulls 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin			Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID					% Inbreeding		Q204X	nt821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
											Italics: DNA Test																			
										★★★★★																				
1	DAJ 170032	DAJ 170032	KHB 100093	DAJ 140087	7	0.9					125	92	89	95	96	74	135	74	103	56	111	75	103	88	80	56	104	71	84	34
2	GCD 210156	GCD 210156	GCD 170165	GCD 160081	6	1.5		0	0	0	88	67	124	68	121	50	83	47	86	37	117	52	133	62	98	34	114	48	107	38
3	GCD 220111	GCD 220111	DAJ 170032	GCD 170038	7	1.9		0	0	0	106	68	108	69	109	52	104	52	92	37	113	53	118	64	93	34	109	49	100	26
4	GCD 220151	GCD 220151	JOY 190052	JRP 150091	6	0.8		0	0	0	109	67	104	70	114	50	100	48	93	37	112	53	114	63	106	26	111	48	106	23
5	GCD 220153	GCD 220153	JOY 190052	GCD 170061		1.5					99	68	106	68	123	49	90	48	101	37	114	52	114	62	101	28	112	47	110	26
6	JOY 190052	JOY190052	JOY 130002	JOY 150034	8	0.8					99	84	108	87	124	62	89	59	95	46	113	66	116	78	101	24	111	58	108	17
										★★★★★☆☆																				
1	GCD 220104	GCD 220104	DAJ 170032	GCD 170068	7	1.3		0	0	0	126	68	94	69	105	52	108	53	87	41	104	54	104	64	86	38	99	51	89	30
2	GCD 220116	GCD 220116	DAJ 170032	GCD 170055	7	1.3		0	0	0	126	69	97	71	91	54	106	53	96	40	104	55	101	65	88	37	100	51	91	29
3	GCD 230115	GCD 230115	DAJ 170032	GCD 200043		25.9					129	67	84	58	92	45	127	45	105	34	104	47	92	55	84	33	99	44	87	22
4	MOR 160068	MOR 160068	TOR 120234	MOR 130004	7	1.4					83	92	124	96	79	78	91	82	102	56	104	76	111	90	82	49	98	71	94	14
5	TOR 200066	TOR200066	VPT 130082	TOR 120077	8	2.3		0	0	0	85	78	114	72	96	62	91	60	102	45	103	60	107	70	95	42	100	56	110	20
										★★★★★																				
1	GCD 210123	GCD 210123	GCD 150113	GCD 140074	6	1.8		0	0	0	98	71	112	72	104	58	84	57	79	43	97	57	111	67	103	38	97	53	105	34
2	GCD 230142	GCD 230142	GFM 190262	GCD 170007		3.1					84	67	109	56	107	49	87	48	94	34	97	48	104	55	100	31	96	45	108	31
3	GCD 230147	GCD 230147	JOY 190052	GCD 160003		1.4					101	66	99	67	114	46	97	47	84	35	96	51	102	60	98	26	95	46	96	23
4	NPT 210146	NPT 210146	DAJ 180044	NPT 160135	6	1.0		0	1	0	85	79	102	70	107	54	95	53	106	38	99	56	97	66	109	42	100	53	109	19
5	WDS 190158	WDS 190158	NPT 090180	WDS 160014	7	0.9					93	86	106	91	94	60	107	57	86	45	93	67	103	80	90	47	91	63	93	21
										★★★★★☆☆																				
1	GCD 220117	GCD 220117	DAJ 150244	GCD 130172		1.5					93	70	100	60	102	56	105	54	83	39	88	52	99	60	74	35	82	49	82	28

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	Inbreeding	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID								Q204X nt821 F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
										★★★★★★																			
1	GCD 210053	GCD 210053	NFS 140024	GCD 150034	7	1.1				84	73	137	72	112	63	78	70	98	44	130	60	146	70	110	44	128	57	121	44
										★★★★★☆																			
1	GCD 170043	GCD 170043	TOR 070049	GCD 130008	7	1.3				104	78	109	75	133	75	105	75	91	55	125	66	131	75	100	47	122	62	107	49
2	GCD 200032	GCD 200032	DAJ 170032	GCD 180013	7	0.9				138	72	91	71	112	60	112	69	115	43	127	59	111	69	88	38	121	55	89	31
3	GCD 220003	GCD 220003	DAJ 170032	GCD 170043	6	1.5				105	71	105	70	115	53	119	53	97	42	120	55	123	65	91	37	115	51	96	30
										★★★★★★																			
1	GCD 140052	GCD 140052	NPT 070170	GCD 100049	7	1.2				98	81	101	79	121	82	95	78	111	55	113	69	108	80	92	50	109	65	94	50
2	GCD 160016	GCD 160016	TOR 110079	GCD 110040	7	4.0				94	78	123	76	129	75	90	75	63	51	113	66	138	76	115	49	114	63	117	45
3	GCD 160049	GCD 160049	BP 120024	GCD 090024	7	2.8				90	79	118	70	103	76	95	74	98	44	112	63	120	73	88	42	107	59	101	38
4	GCD 160081	GCD 160081	JRP 130013	GCD 090045	6	1.3				92	77	111	75	117	76	102	73	87	44	110	64	121	75	85	40	104	59	89	42
5	GCD 170350	GCD 170350	NFS 140024	GCD 100014	7	0.9				87	77	120	76	129	72	93	73	79	44	117	63	135	75	100	46	114	60	108	43
6	GCD 180085	GCD 180085	NPT 130248	GCD 130012	7	1.2				83	76	129	74	96	71	91	72	88	46	110	63	127	73	114	41	112	59	118	42
7	GCD 190030	GCD 190030	GCD 160123	GCD 100029	7	2.1				104	76	110	72	122	69	95	70	85	39	114	60	124	72	106	32	113	54	101	32
8	GCD 190068	GCD 190068	TOR 070049	GCD 150064	6	0.9				109	74	103	73	118	71	109	75	94	54	116	64	118	73	92	47	111	61	98	48
9	GCD 200038	GCD 200038	MOR 160068	GCD 110032	7	0.8				93	74	113	73	101	63	107	70	106	44	115	60	117	71	86	34	109	55	92	22
10	GCD 200066	GCD 200066	DAJ 170032	GCD 180045	7	1.4				112	72	99	72	105	61	127	69	95	43	113	59	115	70	84	37	107	55	90	30
11	GCD 210026	GCD 210026	DAJ 170032	GCD 160047	6	1.5				124	72	96	71	92	54	112	52	113	40	113	55	101	66	84	36	107	51	89	28
12	GCD 220056	GCD 220056	JOY 190052	GCD 170015		2.3				102	69	107	70	108	51	96	49	102	36	112	53	112	64	95	26	109	48	98	24
										★★★★★☆																			
1	GCD 110029	GCD110029	JRB 980158	GCD 090020	7	0.2				90	84	105	80	110	84	110	79	91	58	103	71	110	81	82	44	97	66	90	42
2	GCD 120020	GCD120020	GCD 050148	GCD 100005	8	2.2				96	84	107	82	91	86	113	78	104	58	106	72	107	82	105	50	106	68	97	48
3	GCD 140059	GCD 140059	NPT 070170	GCD 050010	7	0.8				104	81	95	78	80	79	115	76	123	57	102	68	88	78	93	48	99	64	82	52
4	GCD 160031	GCD 160031	TOR 110079	GCD 080055	7	4.2				92	79	103	75	143	75	95	74	75	49	105	65	119	75	108	50	106	62	109	42
5	GCD 160036	GCD 160036	GCD 120128	GCD 140023	7	2.8				99	76	100	70	115	67	105	71	97	45	106	61	108	71	92	40	103	57	99	40
6	GCD 160059	GCD 160059	JRP 130013	JRP 120041	7	13.8				82	77	121	67	98	73	92	72	99	44	108	61	117	70	99	40	106	57	97	48

Selection List on Cow Value

Cows 2 years and older

ID			Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID						% Inbreeding		Q204X nt821 F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
										★★★★★																			
7	GCD 160077	GCD 160077	NPT 130248	GCD 100022	6	0.8				109	79	101	77	81	77	113	74	116	48	108	66	99	77	102	42	106	61	96	42
8	GCD 170007	GCD 170007	GCD 090112	GCD 110049	7	3.7				94	80	107	76	105	77	97	76	100	53	104	67	106	77	89	43	100	62	94	46
9	GCD 170059	GCD 170059	TOR 070049	GCD 140004	8	1.6				125	77	92	74	106	74	111	76	85	55	102	65	103	75	95	47	99	61	96	48
10	GCD 170064	GCD 170064	TOR 070049	GCD 020052	6	0.7				125	80	93	78	97	78	113	76	101	57	107	68	100	78	89	49	103	64	93	46
11	GCD 180041	GCD 180041	TOR 070049	GCD 090034	6	1.3				111	78	100	76	102	76	109	75	84	56	101	67	107	76	96	48	99	63	94	48
12	GCD 180212	GCD 180212	HBT 130088	GCD 130048	7	3.5				84	75	122	73	105	68	89	70	75	45	101	61	122	72	92	38	98	56	99	39
13	GCD 190003	GCD 190003	JOY 150027	GCD 110053	7	0.6				84	75	110	72	126	56	86	51	85	45	102	57	113	67	105	33	102	52	107	29
14	GCD 190023	GCD 190023	NPT 130248	GCD 080050	7	1.2				104	77	106	75	82	72	102	73	105	48	101	64	99	74	107	41	101	59	103	44
15	GCD 190041	GCD 190041	NPT 130248	GCD 110023	7	1.0				98	76	112	74	67	69	99	72	114	48	101	63	97	73	101	42	100	59	98	46
16	GCD 190075	GCD 190075	NFS 140024	GCD 110020	7	0.9				81	74	113	74	112	69	101	73	90	47	105	62	117	73	100	47	103	59	106	46
17	GCD 200001	GCD 200001	NFS 140024	GCD 110053	8	0.8				105	74	102	65	122	64	90	72	85	44	103	58	110	67	105	46	103	56	111	44
18	GCD 200043	GCD 200043	DAJ 170032	GCD 160059	6	1.4				114	71	98	69	93	53	114	52	107	39	108	54	101	64	88	34	103	50	89	30
19	GCD 200046	GCD 200046	DAJ 170032	GCD 160046	6	2.3				128	74	84	72	74	61	135	69	118	41	103	59	86	70	80	36	97	54	74	28
20	GCD 200073	GCD 200073	NFS 140024	GCD 150059	7	1.1				83	73	120	71	109	62	84	70	88	42	105	59	119	69	105	43	105	56	110	42
21	GCD 200090	GCD 200090	NFS 140024	GCD 140044	7	1.0				79	73	112	72	113	63	91	70	99	45	104	60	110	70	92	46	101	57	96	44
22	GCD 210005	GCD 210005	AVK 170227	GCD 170038	6	1.9				92	72	118	69	118	58	82	68	84	39	109	57	124	67	101	30	107	52	109	23
23	GCD 210009	GCD 210009	MOR 160068	GCD 150085	7	1.8				88	72	121	71	81	60	93	69	100	42	103	59	110	69	87	34	99	54	95	22
24	GCD 210016	GCD 210016	NFS 140024	GCD 170059	7	1.2				102	71	103	71	121	62	95	70	90	44	108	59	113	69	103	46	107	56	107	44
25	GCD 210020	GCD 210020	NFS 140024	GCD 150062	6	0.9				89	70	116	71	109	61	89	70	87	44	105	59	117	69	99	44	103	56	109	44
26	GCD 210025	GCD 210025	DAJ 170032	GCD 170072	7	1.1				116	72	94	71	94	54	122	53	102	43	106	56	101	66	85	38	101	52	85	30
27	GCD 210035	GCD 210035	DAJ 170032	GCD 180099	6	7.3				110	70	102	70	100	52	121	52	85	40	106	55	113	65	89	34	101	51	91	26
28	GCD 210056	GCD 210056	DAJ 170032	GCD 180038	6	1.1				132	72	84	71	99	53	124	53	98	42	104	56	97	66	84	37	99	52	84	29
29	GCD 210067	GCD 210067	GCD 170165	GCD 140038	6	4.1				93	70	104	69	122	53	91	50	90	42	103	54	109	64	94	38	100	51	97	41
30	GCD 210075	GCD 210075	DAJ 170032	GCD 180043	7	1.0				115	72	88	71	109	54	127	53	97	43	105	56	101	66	81	38	99	52	84	29
31	GCD 220012	GCD 220012	DAJ 170032	GCD 170037	7	1.1				111	72	97	71	101	54	109	53	94	41	102	56	102	66	89	38	98	52	90	30
32	GCD 220021	GCD 220021	GCD 170165	JRP 140062	6	1.0				101	68	111	69	116	52	93	48	84	37	109	53	120	63	97	32	107	49	100	34
33	GCD 220026	GCD 220026	DAJ 170032	GCD 180046		1.2				109	68	97	58	105	51	125	53	93	39	108	50	110	58	90	37	104	47	91	30
34	GCD 220030	GCD 220030	DAJ 170032	GCD 180211		1.5				108	71	100	70	95	52	113	51	98	36	104	54	104	65	89	36	100	50	88	26
35	GCD 220058	GCD 220058	GCD 200142	GCD 160081		1.3				98	66	104	66	119	50	102	48	83	35	104	51	114	61	87	33	100	47	90	32
36	GCD 220059	GCD 220059	JOY 190052	GCD 190022		1.6				102	66	105	67	116	46	101	46	86	32	106	50	113	60	92	20	103	44	95	17

Selection List on Cow Value

Cows 2 years and older

ID			Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID						% Inbreeding		Q204X nt821 F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
										★★★★☆																			
37	GCD 220427	GCD 220427	DAJ 170032	GCD 170059	1.3					125	60	90	60	101	52	126	53	94	40	107	50	104	58	87	37	103	47	90	30
38	GCD 230003	GCD 230003	DAJ 170032	GCD 190003	1.7					105	68	101	60	111	46	106	45	94	36	107	49	109	57	92	33	104	46	95	22
39	GCD 230011	GCD 230011	MOR 160068	GCD 180041	1.8					88	69	114	68	93	55	101	56	95	40	102	55	111	64	89	36	99	51	91	26
40	GCD 230015	GCD 230015	GCD 200146	GCD 180061	1.2					125	66	80	67	102	47	125	46	104	35	102	51	91	61	81	34	96	48	78	30
41	GCD 230022	GCD 230022	GCD 200146	GCD 200073	1.4					99	65	97	66	113	43	107	44	97	31	103	49	104	59	90	32	99	46	92	26
42	GCD 230025	GCD 230025	GCD 200146	GCD 210009	1.9					96	65	105	66	98	42	108	44	103	30	105	48	106	59	83	30	100	44	87	18
43	GCD 230027	GCD 230027	GCD 200146	GCD 190067	1.5					120	66	85	67	103	45	118	45	100	32	100	50	94	60	83	30	95	46	81	25
44	GCD 230028	GCD 230028	JOY 190052	GCD 100014	4.0					85	69	110	71	118	54	95	49	87	37	103	54	113	65	93	27	100	49	95	23
45	GCD 230031	GCD 230031	WDS 190158	GCD 140052	1.0					97	69	99	70	109	51	105	48	99	36	101	53	102	64	89	34	98	49	89	27
46	GCD 230034	GCD 230034	JOY 190052	GCD 090045	1.4					107	69	110	71	106	53	94	49	87	37	109	54	116	65	94	26	105	48	97	19
47	GCD 230035	GCD 230035	NFS 140024	GCD 160049	1.1					88	69	112	69	110	56	97	56	90	38	104	55	115	65	97	44	102	53	106	42
48	JRP 150091	JRP 150091	LAR 100031	JRP 100040	8	3.9				91	79	120	76	104	76	96	75	84	54	109	66	124	76	118	44	111	62	109	44
										★★★★																			
1	GCD 090019	GCD090019	DAJ 050055	GCD 050038	7	0.6				100	85	104	79	113	81	99	75	79	57	99	70	110	80	90	56	96	67	94	52
2	GCD 090045	GCD090045	NPT 060038	GCD 040005	7	1.7				94	84	111	81	93	85	105	77	79	55	96	70	111	82	86	45	92	65	88	34
3	GCD 100014	GCD100014	DAJ 050055	GCD 990046	8	0.5				96	84	102	82	109	86	105	77	79	56	94	71	105	82	83	48	89	66	82	42
4	GCD 110018	GCD110018	CEF 990287	GCD 030041	7	0.6				128	85	80	82	94	86	125	79	100	60	96	72	87	83	84	52	92	68	67	56
5	GCD 120031	GCD120031	LAR 070090	GCD 080052	7	1.0				91	83	101	76	119	83	99	76	73	54	91	68	106	78	80	44	86	63	89	46
6	GCD 120048	GCD120048	GCD 090112	GCD 080049	7	4.2				101	82	101	76	93	83	112	78	81	54	91	68	101	78	87	44	88	63	95	46
7	GCD 130031	GCD 130031	GCD 100100	GCD 040050	7	1.7				99	82	98	77	94	79	107	74	94	51	92	67	95	78	77	46	87	63	80	44
8	GCD 150013	GCD 150013	LAR 070090	GCD 110029	7	0.5				73	80	109	77	108	77	107	76	80	55	91	67	107	77	82	42	86	62	86	44
9	GCD 150017	GCD 150017	GCD 090112	GCD 050047	6	1.2				89	82	101	79	97	82	100	76	95	54	90	69	94	80	88	44	87	64	91	50
10	GCD 150035	GCD 150035	GCD 090112	GCD 110051	6	1.0				108	81	94	78	96	79	121	76	94	55	98	68	99	78	83	44	93	63	85	50
11	GCD 150053	GCD 150053	GCD 090112	GCD 030009	6	0.4				87	81	109	76	127	77	82	76	74	52	96	67	114	77	88	44	93	62	103	42
12	GCD 150098	GCD 150098	GCD 120128	GCD 130032	7	5.9				104	77	97	73	95	73	110	73	83	48	90	63	97	74	89	40	87	58	89	41
13	GCD 160013	GCD 160013	TOR 110079	GCD 080034	8	0.5				115	80	90	77	120	76	118	75	69	51	96	66	106	77	92	50	93	63	91	46
14	GCD 160094	GCD 160094	NPT 130248	GCD 100037	7	1.2				94	78	113	76	78	76	98	73	99	48	97	65	102	76	106	39	98	60	104	42
15	GCD 180046	GCD 180046	TOR 070049	GCD 110064	7	1.3				106	77	96	66	112	70	110	75	83	53	98	62	104	70	100	48	97	59	97	49

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID			Name	Sire ID	Dam ID	Visual Score	Inbreeding	Horned / Polled	Myostatin	Q204X	nt821	F94L	Genomic test	Calving Ease Value	Acc	Calf Growth Value	Acc	Milk Value	Acc	Maint. Value	Acc	Fertility Value	Acc	Cow Value	Acc	Weaner Calf Value	Acc	Growth Value	Acc	Prod Value	Acc	Carcass Value	Acc				
														★★★★																							
16	GCD 180061	GCD 180061	NPT 070170	GCD 090020	7	1.5								109	78	92	76	90	74	105	75	101	54	92	66	88	76	88	46	89	62	84	50				
17	GCD 180084	GCD 180084	GCD 160122	JRP 070069	7	1.3								114	77	95	75	75	73	107	71	109	45	96	63	88	74	92	34	93	57	86	30				
18	GCD 180096	GCD 180096	JOY 150027	GCD 150015	7	1.6								112	77	98	75	107	70	99	71	83	45	97	63	102	74	97	31	96	57	98	30				
19	GCD 180099	GCD 180099	HBT 130088	GCD 140007	7	2.5								97	76	104	75	108	72	109	73	72	46	94	63	110	74	93	40	92	58	96	40				
20	GCD 190022	GCD 190022	GCD 160123	GCD 080034	7	1.6								97	75	100	72	110	66	124	71	76	44	98	61	112	71	83	33	93	55	82	29				
21	GCD 190084	GCD 190084	NFS 140024	JRP 130031	7	1.1								94	74	96	74	103	68	121	72	85	44	92	62	100	72	100	44	92	58	99	42				
22	GCD 200048	GCD 200048	DAJ 170032	GCD 180038	6	1.1								130	74	77	72	98	60	124	69	97	44	94	60	85	70	81	37	89	55	81	29				
23	GCD 200087	GCD 200087	MOR 160068	GCD 080034	6	0.5								81	74	112	74	93	65	110	71	95	44	99	61	108	72	77	35	93	56	85	20				
24	GCD 210017	GCD 210017	MOR 160068	GCD 110056	6	2.0								90	72	111	72	96	63	94	70	84	44	94	60	107	70	94	36	92	55	95	24				
25	GCD 210037	GCD 210037	HBT 130088	GCD 140052	7	0.8								97	72	93	72	100	64	124	70	102	45	99	60	97	70	88	40	95	56	88	43				
26	GCD 210070	GCD 210070	AVK 170227	GCD 180035	7	4.5								91	71	107	71	98	58	91	52	95	39	95	56	101	66	98	30	94	51	102	19				
27	GCD 220022	GCD 220022	GCD 170165	GCD 120022	7	5.4								93	69	105	70	119	53	95	49	79	40	98	54	111	64	92	36	96	50	96	39				
28	GCD 220044	GCD 220044	WDS 190158	JRP 140001		1.7								88	69	105	71	87	52	107	47	94	33	91	53	97	64	92	29	89	48	94	20				
29	GCD 220046	GCD 220046	WDS 190158	GCD 140074		0.9								114	69	95	70	96	50	100	47	91	36	94	53	94	63	87	34	90	49	87	27				
30	GCD 220049	GCD 220049	WDS 190158	GCD 150098		0.9								96	67	112	68	91	48	101	46	83	34	97	51	110	61	92	31	95	47	97	23				
31	GCD 220054	GCD 220054	WDS 190158	GCD 170094		0.9								84	68	110	70	97	50	99	47	91	33	95	52	104	63	92	34	93	48	98	25				
32	GCD 220055	GCD 220055	WDS 190158	GCD 120020		0.9								92	70	103	71	95	53	113	48	96	38	98	54	102	65	96	34	96	50	91	26				
33	GCD 230008	GCD 230008	DAJ 170032	GCD 180212		1.5								87	68	107	60	101	50	108	51	89	36	98	50	108	58	86	34	94	47	92	26				
34	GCD 230010	GCD 230010	MOR 160068	GCD 150081		5.5								111	68	105	61	82	52	94	54	93	37	96	51	99	60	87	32	92	47	89	16				
35	GCD 230016	GCD 230016	JOY 190052	GCD 160054		1.1								118	67	89	67	101	50	108	47	94	33	96	51	93	61	84	24	92	46	84	20				
36	GCD 230018	GCD 230018	WDS 190158	GCD 160094		5.0								108	67	103	69	86	49	105	46	93	33	97	51	101	62	96	31	95	47	94	23				
37	GCD 230021	GCD 230021	GFM 190262	GCD 120020		4.9								79	68	106	70	104	53	99	49	96	37	94	53	100	64	107	33	95	49	106	32				
38	GCD 230024	GCD 230024	NFS 140024	GCD 180084		1.2								106	69	98	70	95	55	102	55	96	38	96	55	96	65	97	42	95	52	97	40				
39	GCD 230026	GCD 230026	GCD 200146	GCD 200053		1.6								101	65	98	66	106	42	108	43	94	31	99	48	102	59	91	30	96	44	91	21				
40	GCD 230032	GCD 230032	GCD 200146	GCD 180097		1.8								109	66	87	67	101	44	122	44	88	31	91	49	93	60	81	28	87	45	77	20				
41	GCD 230037	GCD 230037	GFM 190262	GCD 120048		3.2								86	68	109	68	100	52	91	49	85	35	91	52	103	63	100	31	91	48	109	31				
42	GCD 230039	GCD 230039	WDS 190158	GCD 110054		0.9								86	69	98	71	97	52	124	48	87	38	90	54	98	64	93	36	88	50	90	28				
43	GCD 230041	GCD 230041	GFM 190262	GCD 150013		1.2								80	66	110	67	106	50	90	48	84	35	91	51	103	61	97	30	90	47	103	30				
44	JRP 110047	JRP110047	LAR 070181	JRP 020022	7	1.2								83	82	123	80	97	83	69	74	91	51	99	68	119	80	123	38	103	62	125	20				

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID			Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X nt821 F94L	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc										
										★★★★★																			
1	GCD 090005	GCD090005	EI 940339	GCD 040036	8	25.9				100	85	101	81	98	84	98	79	67	62	81	72	99	82	100	54	82	68	94	49
2	GCD 100053	GCD100053	GCD 050148	GCD 080015	6	14.9				91	82	100	78	114	81	119	77	58	59	86	69	110	79	106	49	88	65	107	46
3	GCD 110051	GCD110051	CEF 990287	GCD 050046	7	0.7				106	84	100	81	77	86	114	79	90	59	89	72	94	82	83	50	85	68	83	50
4	GCD 110054	GCD110054	GCD 050148	GCD 070006	6	8.5				95	83	86	81	98	84	138	77	89	58	86	71	89	81	97	52	85	67	87	50
5	GCD 120037	GCD120037	GCD 090112	GCD 040006	8	7.4				107	83	90	80	102	84	104	77	74	57	81	70	90	81	87	46	79	65	80	46
6	GCD 160003	GCD 160003	TOR 110079	GCD 110034	6	4.2				99	73	99	73	100	66	100	73	71	51	83	62	97	72	100	46	83	59	89	42
7	GCD 160024	GCD 160024	GCD 090112	GCD 100027	7	2.6				94	78	106	77	98	77	98	75	76	51	89	66	104	77	83	43	85	61	90	42
8	GCD 160054	GCD 160054	BP 120024	GCD 080069	6	1.1				109	78	94	70	72	76	112	73	90	44	82	62	83	73	73	40	76	58	76	35
9	GCD 160075	GCD 160075	NPT 130248	GCD 080050	7	1.2				107	78	99	74	65	72	112	73	102	47	88	64	86	74	108	42	90	60	103	44
10	GCD 170083	GCD 170083	NFS 140024	JRP 060008	6	1.2				103	78	97	76	102	73	99	72	83	43	89	63	96	75	103	46	89	60	105	40
11	GCD 190015	GCD 190015	GCD 160123	GCD 110042	7	5.1				80	75	103	72	96	65	108	68	86	44	85	60	96	71	94	32	84	54	85	30
12	GCD 190067	GCD 190067	HBT 130088	JRP 090022	7	1.0				94	76	97	74	96	69	101	72	94	45	87	62	90	73	90	38	85	57	88	40
13	GCD 190080	GCD 190080	HBT 130088	JRP 110047	6	1.4				83	74	106	72	96	59	84	67	82	45	80	59	95	69	104	37	82	55	103	36
14	GCD 200042	GCD 200042	MOR 160068	GCD 140002	8	1.1				93	73	109	71	76	61	105	69	83	42	85	59	98	69	82	35	81	54	87	22
15	GCD 200053	GCD 200053	AVK 170227	GCD 110054	6	1.0				88	74	103	72	99	62	95	68	83	44	85	60	96	70	101	36	86	55	99	28
16	GCD 220047	GCD 220047	WDS 190158	GCD 150058		1.0				90	67	101	69	90	49	114	47	80	35	84	52	97	62	91	30	83	48	90	18
17	GCD 220053	GCD 220053	WDS 190158	GCD 120048		0.8				97	69	95	70	98	52	119	48	85	36	89	53	97	64	85	32	86	49	88	25
18	GCD 230023	GCD 230023	GFM 190262	GCD 170083		0.9				88	67	103	67	106	48	90	47	86	31	89	50	98	61	107	32	90	46	110	28
19	GCD 230038	GCD 230038	GFM 190262	GCD 120037		4.7				86	68	102	69	107	53	91	49	81	36	85	53	97	63	99	32	85	49	100	31
										★★★★																			
1	GCD 110056	GCD110056	GCD 050148	GCD 080015	6	14.9				97	82	96	79	107	82	107	77	60	59	78	70	98	80	108	48	81	66	101	46
2	GCD 160035	GCD 160035	GCD 120128	GCD 120022	6	11.3				107	79	89	76	74	77	126	73	82	47	77	65	83	76	83	40	74	60	85	41
3	GCD 180097	GCD 180097	GCD 160122	JRP 140081	7	1.2				96	75	93	72	90	64	108	70	70	43	71	60	86	71	86	30	69	54	77	26
4	GCD 190048	GCD 190048	HBT 130088	JRP 130010	7	1.6				86	76	101	74	78	69	106	73	90	47	78	63	87	73	93	41	77	59	92	44
5	GCD 230019	GCD 230019	WDS 190158	GCD 160035		1.0				108	67	77	69	92	49	137	46	86	33	79	51	80	62	80	32	75	47	76	23
6	JRP 140042	JRP 140042	MMJ 060226	JRP 090007	6	0.9				71	81	100	79	105	82	103	77	81	54	78	69	90	80	81	40	75	63	84	38
7	JRP 140049	JRP 140049	LAR 090281	JRP 040034	8	0.5				92	81	95	77	84	79	123	73	78	54	78	67	89	77	85	45	75	63	85	52

Selection List on Cow Value

Bull calves younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value
Sorted on ID				% Inbreeding		Q204X ni821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
						<i>Italics: DNA Test</i>										
1	GCD 240107	GCD 240107	TOR 180202	GCD 170350	1.1		93 68	130 69	107 51	84 49	82 34	118 52	136 63	113 35	118 49	124 28
2	GCD 240108	GCD 240108	TOR 180202	GCD 190075	2.0		93 66	127 69	98 49	85 48	87 35	112 52	126 62	114 36	113 49	125 30
3	GCD 240110	GCD 240110	TOR 180202	GCD 190068	1.7		104 67	123 68	101 50	87 49	89 38	117 52	128 62	109 35	117 49	118 30
1	GCD 240117	GCD 240117	GCD 200146	GCD 210035	15.2		114 64	95 55	106 38	124 37	95 29	109 43	109 51	84 30	103 40	86 20
1	GCD 240114	GCD 240114	GCD 210101	GCD 180061	1.2		101 66	103 52	94 47	100 47	97 34	98 46	100 53	83 32	93 43	87 28
1	GCD 240119	GCD 240119	GCD 210101	GCD 160035	1.8		103 67	100 52	85 48	107 46	87 31	89 45	96 53	80 29	84 42	88 24

Selection List on Cow Value

Heifers younger than 2 years

ID		Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID					% Inbreeding		Q204X nt821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
							<i>Italics: DNA Test</i>																				
								★★★★★																			
1	GCD 240002	GCD 240002	DAJ 170032	GCD 200032	25.7			124	67	99	68	103	48	120	51	109	36	122	52	114	62	85	34	115	48	87	23
								★★★★★																			
1	GCD 240006	GCD 240006	DAJ 170032	GCD 210053	1.5			98	67	118	68	103	49	97	51	100	36	119	52	124	62	96	36	115	49	104	28
2	GCD 240019	GCD 240019	DAJ 170032	GCD 210026	26.0			118	67	95	59	94	46	126	45	108	34	113	48	105	56	82	34	106	45	87	22
3	GCD 240021	GCD 240021	GCD 210101	GCD 170043	1.6			96	66	112	52	115	47	100	47	92	34	114	46	123	53	89	32	109	43	98	27
4	GCD 240025	GCD 240025	GCD 200146	GCD 210075	16.5			115	64	89	55	110	39	127	38	101	30	110	44	105	51	80	30	103	41	83	21
								★★★★★																			
1	GCD 240001	GCD 240001	NFS 140024	GCD 190041	1.0			90	68	113	61	90	53	95	55	98	38	100	51	106	60	104	44	100	50	107	44
2	GCD 240008	GCD 240008	DAJ 170032	GCD 200087	1.1			105	67	96	69	97	50	129	51	99	36	105	53	105	63	77	34	98	49	81	20
3	GCD 240009	GCD 240009	TOR 180202	GCD 190084	1.4			95	66	121	68	94	49	90	48	84	34	104	51	118	62	113	34	106	48	119	28
4	GCD 240013	GCD 240013	DAJ 170032	GCD 210017	1.3			107	67	103	69	95	49	108	51	94	36	103	52	106	63	87	34	98	48	89	21
5	GCD 240015	GCD 240015	TOR 180202	GCD 180212	2.9			81	67	125	68	97	49	84	47	80	34	100	51	120	62	107	32	100	47	114	26
6	GCD 240016	GCD 240016	TOR 180202	GCD 180099	2.7			97	67	120	69	98	50	91	48	78	35	104	52	120	62	108	32	104	48	114	28
7	GCD 240018	GCD 240018	DAJ 170032	GCD 200001	1.8			121	67	95	67	108	49	109	52	94	36	109	52	107	62	93	37	105	49	98	28
8	GCD 240020	GCD 240020	GCD 200146	GCD 210025	17.4			116	64	92	55	103	39	125	38	103	30	109	44	104	51	82	30	103	41	83	21
9	GCD 240022	GCD 240022	GCD 210101	GCD 160094	1.5			89	66	115	52	88	48	97	46	95	31	100	45	109	53	92	29	98	42	97	24
								★★★★																			
1	GCD 240011	GCD 240011	TOR 180202	GCD 150098	3.3			109	68	94	69	99	51	110	48	87	36	94	53	98	63	98	32	93	49	96	28
2	GCD 240026	GCD 240026	TOR 200066	JRP 140049	1.0			94	67	105	53	90	50	103	47	90	36	92	47	99	54	90	32	89	44	97	28

