

BONSMARA

GENOMIC BREEDING VALUE REPORT

September 2026



MALOPE BONSMARAS

Herd Number: 705466

E-mail: thato.malope@protonmail.com
suzet@sernick.co.za



EBVs, EBVi's and GEBVs

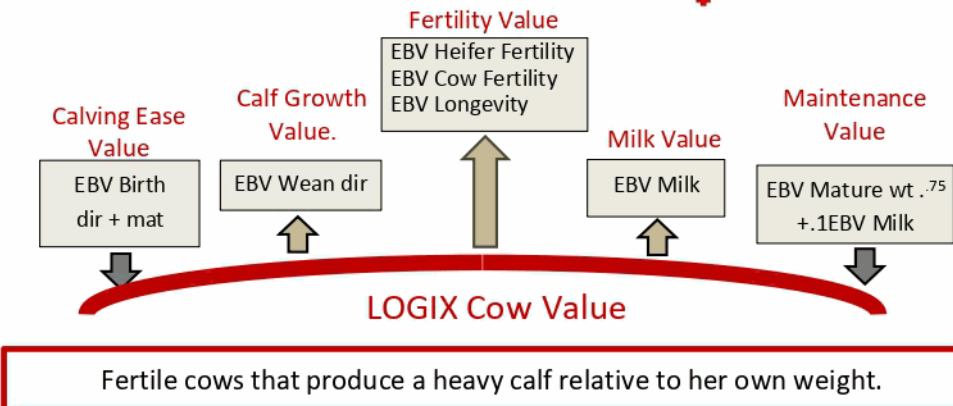
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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



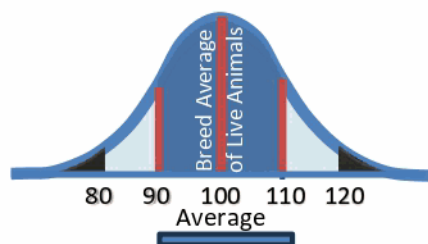
Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

Interpretation of EBVi and Selection Values

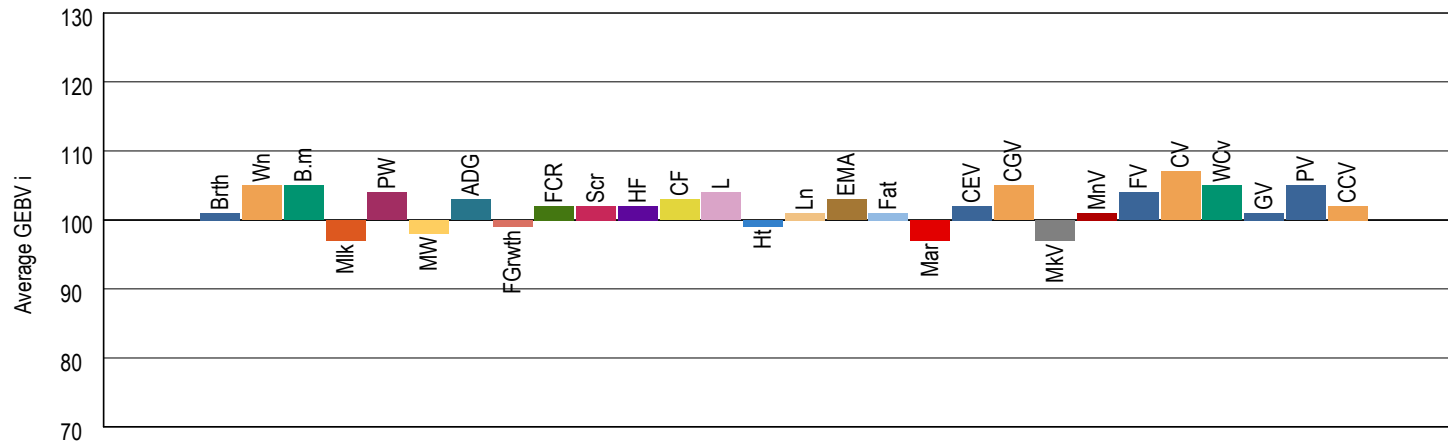


Examples

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
	Scrotal Circumference	Scrotal circumference in growth test	Fertile bulls	Less	More
Fertility	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
Mlk:	Milk	LL:	Longevity
PW:	Post-wean weight	Ht:	Height
MW:	Mature weight	Ln:	Length
ADG:	Average Daily Gain	EMA:	Eye Muscle
FGwth	Veldgrowth	Fat:	Fat
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
Prewrite Growth	Birth Weight	0.92	101	0.98
	Wean Weight	17.8	105	14.9
	Birth Mat.	-0.54	105	-0.28
	Milk (Wn.Mat.)	2.8	97	3.7
Postwean Growth	Postwean Wt	28	104	25
	Mature Weight	20	98	22
	ADG	91	103	79
	VeldGrowth	33	99	35
	FCR	-41	102	-37
Fertility	Scrotal Circumf.	14	102	13
	Heifer Fertility	-10.4	102	-9.1
	Cow Fertility	-1.09	103	-0.56
	Longevity	34.1	104	31.8
Frame	Height	-3.7	99	-3.1
	Length	14.6	101	13.6
Carcass	EMA	1.030	103	0.683
	Fat	0.273	101	0.055
	Marbling	-0.344	97	-0.056

Selection Value	Ave. Herd
Calving Ease	102
Calf Growth	105
Milk	97
Maintenance	101
Fertility	104
Cow Value	107
Weaner Calf Value	105
Growth Value	101
Production Value	105
Carcass Value	102

- 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?:

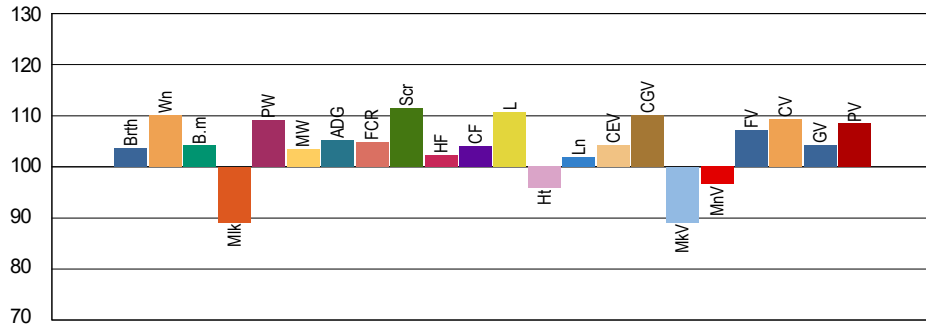
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

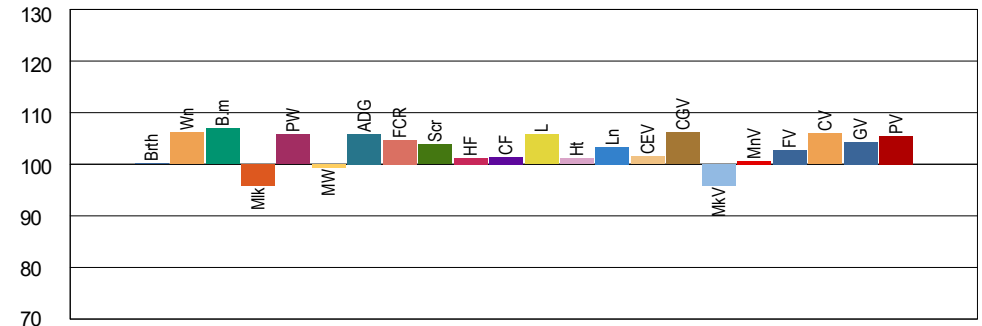
Total: 15



Cow Herd

Cows born in 2024 and earlier

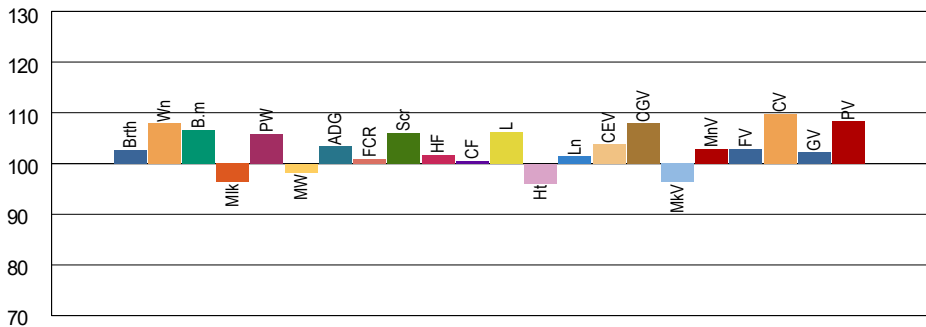
Total: 92



Sires of young animals

Sires of animals 3 years and younger

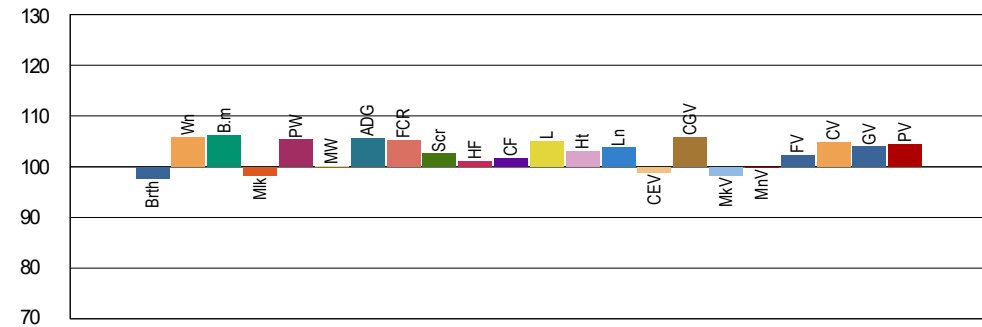
Total: 34



Cows older than 6 years

Cows born in 2020 and earlier

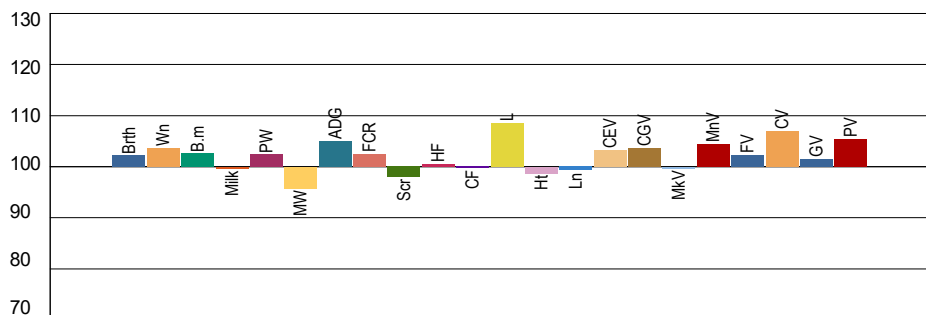
Total: 47



Bull calves

Bulls born in 2025

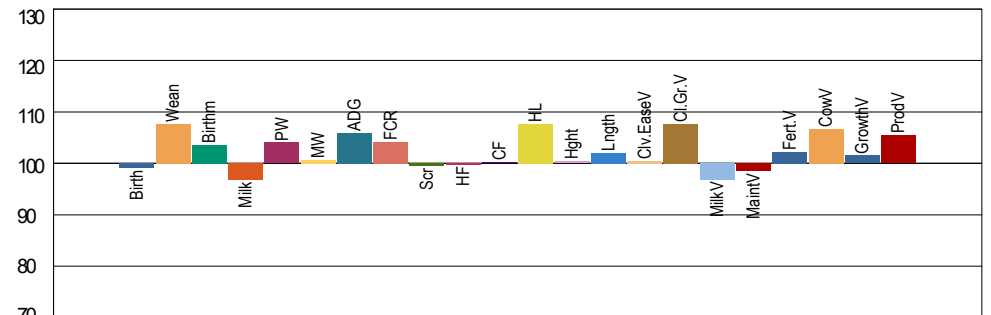
Total: 18



Heifer calves

Heifers born in 2025

Total: 32

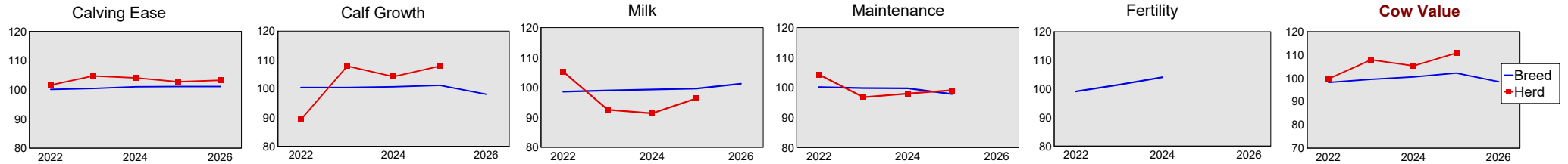


Summary of Cow Herd

			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
2014	2	★★★★☆	87	108	93	103	72	83	104	85	85	108	109	93	108	102	105	91	94	84	72	100	105	104
2015	3	★★★★	101	102	93	98	102	98	107	99	101	102	100	93	105	102	107	112	113	108	100	98	109	102
2016	4	★★★★☆	109	95	100	103	101	100	95	98	108	95	114	100	96	96	98	104	105	100	103	100	105	100
2017	3	★★★★☆	87	107	95	104	108	103	108	104	86	107	90	95	108	98	110	108	104	108	100	112	102	107
2018	23	★★★★☆	96	106	102	98	101	104	103	104	96	106	105	102	105	101	106	105	100	99	103	103	104	103
2019	2	★★★★★	104	108	97	98	110	112	102	111	102	108	118	97	105	103	104	109	100	110	108	102	117	114
2020	11	★★★★★	103	109	94	102	108	112	105	112	101	109	109	94	108	99	106	104	105	105	105	110	97	103
2021	11	★★★★	102	105	93	100	94	99	106	99	101	105	106	93	103	100	109	106	102	92	94	107	101	102
2022	12	★★★★★	108	104	95	106	111	113	101	110	108	104	104	95	104	94	102	102	109	108	106	109	98	99
2023	9	★★★★☆	102	108	96	97	105	108	107	108	99	108	112	96	108	103	105	99	103	99	108	102	99	107
2024	16	★★★★☆	104	106	93	102	105	107	103	106	102	106	107	93	106	98	104	103	103	105	103	103	98	101
2025	32	★★★★☆	100	108	97	99	102	107	102	105	99	108	104	97	104	101	106	104	99	100	100	108	100	102
2026	14	★★★★☆	103	99	102	106	106	105	89	101	102	99	105	102	96	93	93	94	98	106	112	90	96	96
Cows in Herd Average:			100	105	96	101	102	104	102	103	99	105	106	96	104	99	104	104	103	102	101	103	102	103

Genetic Trends for On-Farm Traits

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



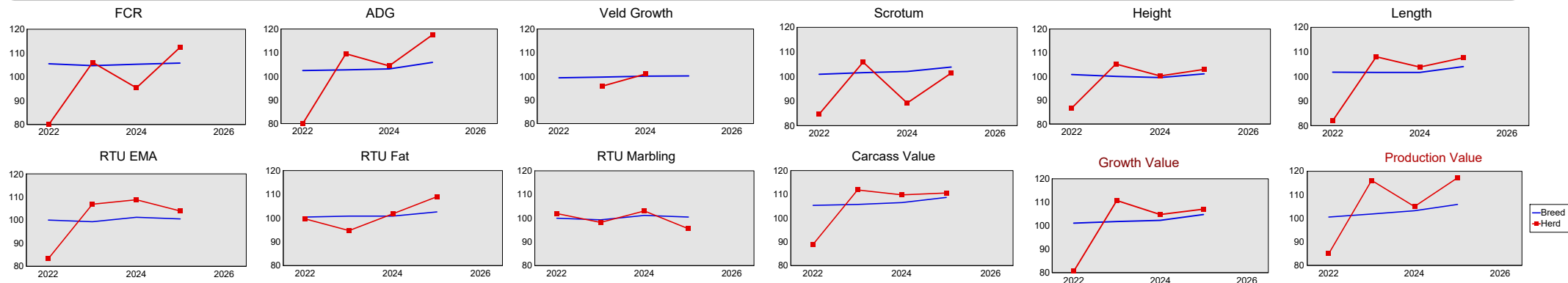
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance				Fertility						Cow Value
	Birth Weight		Calv. Ease	Dir	Weaning Weight	Calf Growth	Milk (Wn.Mat.)		Postwean Weight	Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Ferti- lity		
	Number	EBV			Number		EBV	Number		EBV	Number		EBV	Number	EBV	Number	EBV	Number		EBV	
2022	8	0.81	-0.29	102	7	9.2	89	7	5.34	105	7	16.9	104				1	33.8		100	
2023	29	0.76	-0.78	105	27	19.2	108	27	1.44	93	18	35.3	97							108	
2024	30	0.84	-0.62	104	23	17.2	104	23	1.07	91	16	31.7	98							105	
2025	56	0.84	-0.48	103	27	19.2	108	27	2.63	96	10	29.4	99							111	
2026	35	0.80	-0.57	103																	

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility						Cow Value	
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Ferti- lity			
	Number	Dir EBV			Number	EBV		Number	EBV	Milk	Number	EBV	Number		EBV	Number	EBV	Number	EBV	Number		EBV		Number
2016	43617	1.05	-0.23	99	35930	13.3	97	35930	2.85	97	25541	22.8	6538	22	102	8135	-6.1	6285	-0.1	45540	22.9	92	90	
2017	45336	1.08	-0.23	99	37532	13.8	98	37532	3.03	98	26133	23.7	6680	22	101	8519	-6.4	6592	-0.1	46660	23.8	93	91	
2018	43028	1.06	-0.27	99	35840	13.9	98	35840	3.04	98	24987	23.8	6623	22	102	7937	-6.4	6328	-0.1	44031	24.5	93	92	
2019	43014	1.07	-0.28	99	35189	14.5	99	35189	3.04	98	24710	24.8	6812	23	101	8176	-6.8	6640	-0.1	43352	25.5	95	94	
2020	43065	1.04	-0.30	100	35848	14.6	99	35848	3.04	98	26199	24.9	7381	23	101	8576	-7.8	6880	-0.3	43333	26.4	97	95	
2021	43188	1.01	-0.32	100	35942	14.9	100	35942	3.09	98	26572	25.7	6849	23	101	8460	-7.8	5964	-0.3	40244	27.4	98	97	
2022	43262	0.99	-0.31	100	36541	15.2	100	36541	3.28	99	26872	26.2	5981	24	100	8283	-8.2	2919	-0.6	15061	27.5	99	98	
2023	44407	0.96	-0.32	100	37320	15.2	100	37320	3.39	99	26594	26.3	1929	23	100	4872	-9.2	139	-1.0			102	100	
2024	42942	0.89	-0.31	101	35829	15.3	101	35829	3.50	99	25736	26.4	7	26	100	297	-10.2					104	101	
2025	44477	0.89	-0.31	101	33314	15.6	101	33314	3.60	100	7717	28.2			98								102	102
2026	15472	0.86	-0.27	101	1023	13.9	98	1023	4.09	101													99	99

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			
2022	3	12	70	3	0	79				3	3.6	85	3	-14	87	3	-2	82	3	-0.99	83	-0.01	100	0.11	102	89	81	85
2023	9	-47	106	11	115	110	7	26	96	11	16.3	106	11	1	105	11	21	108	11	1.37	107	-0.76	95	-0.20	98	112	111	116
2024	5	-29	95	5	97	104	11	39	101	5	6.4	89	5	-3	100	5	17	104	5	1.58	109	0.36	102	0.20	103	110	105	105
2025	10	-57	112	10	146	118				9	13.6	101	9	-1	103	9	21	108	10	1.06	104	1.47	109	-0.45	96	111	107	117
2026																												

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						
2017	659	-45	105	8459	77	99	16297	29	97	9041	11.6	98	8541	0	104	8457	14	101	3129	0.61	99	-0.38	97	-0.09	100	99	97	93	
2018	628	-41	103	8227	78	100	15438	30	97	8717	11.7	98	7978	-1	103	7980	14	101	2986	0.81	101	-0.47	97	-0.11	99	99	98	94	
2019	628	-44	104	8521	81	100	14895	31	98	8900	12.2	99	8361	-1	102	8364	15	101	3151	1.17	105	-0.38	97	-0.07	100	102	99	96	
2020	636	-47	106	8817	82	101	15919	32	98	9374	12.6	100	8824	-2	102	8827	15	101	4040	0.98	103	-0.15	99	-0.14	99	102	99	97	
2021	664	-43	104	8962	85	101	16263	33	99	9619	12.9	100	9225	-2	101	9224	15	101	3802	1.05	104	-0.07	99	-0.26	98	104	100	99	
2022	728	-46	105	8922	88	102	16338	34	99	9812	13.3	101	9649	-2	101	9652	15	102	4279	1.15	105	0.13	100	-0.06	100	105	101	101	
2023	763	-44	105	8756	90	103	16158	35	100	9664	13.7	102	9747	-3	100	9738	15	102	4124	1.23	106	0.19	101	-0.11	99	106	102	102	
2024	819	-45	105	8610	91	103	15494	36	100	9152	14.0	102	9273	-3	100	9184	15	102	4523	1.21	105	0.20	101	0.04	101	107	102	103	
2025	363	-46	106	2908	102	106	4501	36	100	2815	15.1	104	3087	-2	101	3050	17	104	1816	1.24	106	0.47	103	-0.01	101	109	105	106	
2026																													

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	Nr measured		
ID Comp.nr																																		Birth	Wean	Grwth Test
ABB 160508 84811603		ABB 100076 ABB 100293	113	105	99	108	78	102	113	103	101	106	91	109	116	90	105	99	109	103	109	107	100	80	104	80	81	102	113	113	81	99	90	49	49	
			95	96	93	93	91	87	95	94	88	94	11	0.08	-3.8	8	17.6	3.3	95	27.4	112	52	-37	-0.76	15.3	2.4	2.9	33.2	8	24.9	-1.18	-0.16	-0.90	22	12	24
ABB 190605 89810501		ABB 160223 ABB 170230	96	125	101	92	108	127	128	118	127	123	111	96	101	107	125	101	120	114	138	85	121	79	90	119	93	111	110	120	103	118	100	73	56	
			94	95	89	88	88	84	93	91	85	92	38	1.36	-1.7	33	28.5	4.0	120	37.1	221	0	-72	-0.86	6.8	-20.0	0.7	38.2	5	31.6	0.95	2.98	-0.08	21	2	2
AEJ 150016 81658023		AEJ 090007 AEJ 070131	72	125	108	75	87	100	120	121	104	116	135	72	85	130	125	108	112	127	121	109	127	92	102	98	90	91	135	131	101	78	113	43	39	
			90	91	80	74	63	75	87	70	74	77	70	3.91	0.5	67	28.4	6.2	103	49.0	160	57	-81	-0.14	14.2	-7.8	1.1	26.2	24	41.5	0.80	-3.46	1.08	18	10	35
AEJ 220157 94258951		CRV 180389 AEJ 140219	92	121	105	81	112	120	121	120	121	123	121	89	110	121	121	105	111	120	125	104	113	78	109	98	114	113	129	130	120	74	133	7	5	
			74	76	53	51	37	57	68	64	58	58	52	2.17	-2.9	53	26.1	5.2	100	42.8	176	46	-57	-0.88	17.9	-7.9	-3.0	39.5	20	40.6	2.65	-4.03	2.77			
AG 110301 73853988		VV 070012 AG 040253	108	98	107	102	83	96	103	120	100	116	102	104	116	96	98	107	106	104	115	93	111	143	125	101	79	91	108	106	95	128	102	59	56	
			92	93	85	82	69	79	90	61	75	46	27	0.61	-3.7	16	13.9	5.8	88	28.3	136	18	-54	2.68	27.8	-9.4	3.1	26.5	3	19.0	0.19	4.49	0.10		14	51
AG 130109 77171288		CEF 040462 AG 010281	108	106	89	93	83	92	101	104	93	94	106	104	115	107	106	89	92	109	113	113	96	75	96	95	92	80	102	110	87	79	53	10	9	
			82	81	73	72	58	68	78	54	65	64	31	0.53	-3.6	33	18.0	0.3	55	33.0	127	67	-30	-1.04	10.5	-6.1	0.8	19.9	-2	22.7	-0.59	-3.27	-4.01	2	4	12
AG 140046 79278818		AG 100080 AG 100783	88	112	96	86	113	106	103	124	110	118	111	90	98	116	112	96	100	114	119	104	104	80	108	94	122	105	108	111	110	103	103	146	106	
			95	96	90	88	69	82	94	50	76	57	38	2.06	-1.4	45	21.5	2.4	72	37.1	150	44	-43	-0.77	17.3	-5.7	-4.5	34.8	3	23.2	1.67	0.49	0.18	6	37	103
AG 140108 79452447		WBB 080049 AG 090486	88	107	71	108	91	82	90	104	84	91	86	89	124	92	107	71	84	97	106	75	104	102	88	87	95	101	85	89	148	81	53	55	49	
			90	92	81	76	62	76	88	63	73	63	4	2.09	-4.8	11	18.4	-5.3	36	21.9	101	-25	-42	0.46	5.5	-1.4	0.4	32.2	-15	4.1	5.44	-2.97	-4.01	7	10	30
AG 140458 81597122		CEF 100450 AG 110019	107	95	106	108	98	101	99	84	96	93	93	107	98	90	95	106	105	95	90	83	85	85	87	108	96	97	97	92	87	101	105	68	47	
			89	90	70	71	53	71	84	44	66	57	13	0.25	-1.3	7	12.0	5.4	86	20.3	41	-6	-13	-0.50	5.0	-13.8	0.1	30.3	-6	6.7	-0.64	0.17	0.40	3	6	9
AG 150769 82608076		AG 130115 AG 130268	119	96	97	111	64	88	102	104	89	123	86	118	106	88	96	97	100	93	107	94	106	89	97	58	74	105	83	96	99	143	114	160	128	
			93	96	80	82	61	78	91	86	80	84	5	-0.94	-2.4	4	13.0	2.7	74	18.7	106	20	-46	-0.27	11.0	14.9	4.1	34.8	-17	10.1	0.61	6.91	1.14	41	18	21
AG 160138 84335686		LAR 100242 AG 140006	127	87	108	128	88	107	106	66	97	81	83	124	113	76	87	108	109	81	65	86	72	118	105	90	83	110	51	62	99	91	64	83	69	
			96	96	91	91	89	86	94	90	87	88	1	-1.57	-3.4	-13	8.2	6.0	96	7.8	-54	2	10	1.34	16.0	-3.4	2.5	38.2	-42	-20.1	0.60	-1.40	-3.13	18	12	19
AG 160386 84545771		AG 130115 AG 140129	127	94	110	119	110	124	113	104	121	106	78	122	121	84	94	110	113	98	101	104	91	122	90	101	111	106	90	95	98	143	102	118	64	
			96	96	92	91	90	86	95	88	86	88	-6	-1.30	-4.4	-2	11.9	6.8	106	23.5	84	45	-22	1.52	7.1	-9.7	-2.6	35.4	-11	9.2	0.44	6.91	0.11	2	16	27
AG 160455 84518141		AG 130080 AG 060290	87	105	104	101	71	84	103	88	82	106	101	84	97	97	105	104	109	106	82	119	97	118	78	84	67	103	86	97	94	116	97	89	78	
			96	97	94	94	92	87	96	94	88	94	25	2.67	-1.2	18	17.6	4.9	96	30.0	11	82	-32	1.30	-0.4	-0.2	5.4	33.6	-14	11.1	0.12	2.56	-0.32	35	26	39
AG 160862 84641273		AG 110215 BBN 050035	84	125	126	78	136	143	135	131	144	143	122	67	107	124	125	126	128	132	120	129	110	113	100	138	120	114	120	136	120	119	83	166	139	
			97	97	94	94	92	88	96	91	89	90	53	4.38	-2.5	57	28.2	11.6	142	53.8	154	106	-53	1.02	12.9	-30.7	-4.1	40.1	13	45.4	2.72	2.98	-1.45	10	20	44

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	Nr measured			
ID Comp.nr																																		Birth	Wean	Grwth Test	Dght & clvs (Weaned)
AG 200056		AG 170004	80	105	106	108	88	92	104	83	88	89	91	72	81	90	105	106	116	100	80	114	78	49	56	88	91	101	112	94	90	89	92	132	102		
90536533		AG 170853	87	95	60	44	37	65	81	48	62	32	11	3.91	1.0	8	17.5	5.5	111	24.8	2	70	0	-2.53	-13.7	-2.2	1.0	32.4	6	8.1	-0.30	-1.67	-0.71	25			
													45	97	63	44	95	60	66	88	77	17	15	88	86	32	20	60	85	79	30	35	30				
AJF 160574		MCU 120006	108	100	97	108	96	103	103	109	104	111	81	107	101	90	100	97	104	96	116	92	120	94	143	78	112	97	95	113	124	123	123	139	132		
84719889		AJF 120165	97	97	94	94	93	88	96	95	89	96	-3	0.23	-1.7	8	15.1	2.9	82	21.6	138	16	-69	0.01	38.4	3.6	-2.6	30.3	-7	25.0	3.04	3.74	1.90	42	22	42	
													94	98	95	94	97	94	95	96	95	91	94	96	96	93	91	94	96	95	95	96	95				
AJF 170414		AJF 150380	116	115	84	95	102	115	114	131	119	121	99	116	112	105	115	84	98	125	133	122	116	135	120	109	94	111	102	102	98	103	115	338	318		
85994440		AJF 140012	98	99	95	95	91	88	98	96	90	98	23	-0.65	-3.2	30	23.1	-1.2	68	47.1	203	89	-64	2.27	24.6	-14.2	0.5	38.4	-1	15.3	0.53	0.58	1.17	160	62	95	
													92	99	96	95	99	95	96	96	97	87	95	98	98	92	88	94	98	97	97	98	97				
AJF 190423		GJN 120224	93	119	100	94	97	112	119	105	111	122	108	95	133	105	119	100	115	117	108	92	112	101	98	104	89	105	89	114	107	137	108	431	384		
89152375		AJF 160205	98	99	94	93	91	88	97	93	89	98	34	1.47	-6.0	29	25.3	3.6	109	40.2	109	17	-56	0.38	11.9	-11.4	1.3	35.1	-12	26.4	1.36	5.96	0.61	155	32	41	
													92	99	95	93	99	94	95	96	97	89	89	98	98	92	88	94	98	97	97	98	97				
BBM 150029		BBM 110167	112	89	97	114	78	85	92	88	83	84	86	112	100	86	89	97	94	84	92	74	105	102	116	91	83	90	88	92	106	72	83	93	77		
81629073		BBM 120127	96	97	95	95	93	88	96	94	89	94	4	-0.28	-1.6	2	9.2	2.8	60	10.5	48	-26	-45	0.42	22.3	-4.1	2.4	25.7	-12	6.2	1.24	-4.29	-1.46	16	14	20	
													94	97	95	95	97	95	96	95	94	92	92	96	95	93	92	95	95	94	93	94	93				
BBM 180016		SJP 150006	112	97	94	109	105	104	100	79	98	95	93	108	113	90	97	94	97	93	81	92	76	145	104	97	114	95	84	83	85	113	124	124	118		
86674413		BBM 160037	98	98	97	97	96	90	98	96	91	96	14	0.18	-3.4	8	13.4	1.8	66	19.0	7	17	2	2.80	15.5	-7.2	-3.0	29.1	-16	-1.4	-0.80	2.12	1.99	13	14	18	
													97	98	97	97	98	97	97	98	97	96	96	97	97	96	96	97	97	96	97	96					
BKR 190154		ADV 150258	92	98	104	114	88	93	100	103	94	94	91	94	82	86	98	104	111	101	104	95	108	73	74	92	83	109	92	97	102	76	92	10	7		
89615363		SYF 080063	91	91	89	89	87	83	90	88	84	88	11	1.58	0.8	1	14.0	5.1	99	26.1	95	23	-50	-1.18	-2.9	-4.3	2.5	37.1	-10	10.9	0.91	-3.68	-0.74	6	3	4	
													89	92	90	89	91	89	90	90	89	86	85	92	91	87	86	89	91	90	88	89	88				
CEF 110301		CEF 080338	102	125	67	88	92	102	113	143	111	123	108	97	117	114	125	67	89	126	144	85	139	83	109	106	89	89	112	131	126	80	81	275	248		
72718067		CEF 080218	99	98	97	97	95	90	98	96	91	96	34	1.27	-3.8	43	28.5	-6.4	46	48.5	246	-1	-101	-0.63	17.9	-12.8	1.3	25.5	7	41.3	3.25	-3.16	-1.63	104	62	226	
													97	99	98	97	98	97	97	97	97	93	95	98	98	95	93	98	98	97	96	97	96				
CEF 130317		CEF 110301	119	120	60	94	118	118	109	149	126	146	102	117	131	107	120	60	81	128	147	104	129	105	131	106	116	109	89	117	125	139	144	1096	923		
77370666		CEF 100161	99	99	99	99	99	91	99	98	92	99	27	-0.76	-5.8	33	25.4	-8.5	28	50.3	258	45	-85	0.60	31.4	-12.5	-3.5	37.3	-12	28.5	3.21	6.14	3.65	294	219	594	
													99	99	99	99	99	99	99	99	99	98	99	99	99	99	98	99	99	99	99	99	99				
CEF 140311		CEF 120367	116	108	98	98	119	124	112	124	126	119	110	117	139	101	108	98	105	114	126	116	127	132	129	130	108	101	104	124	143	111	108	171	154		
79708749		CEF 080047	97	98	95	95	93	88	97	94	89	94	36	-0.77	-6.9	23	19.2	3.1	86	37.2	177	73	-81	2.07	30.1	-26.1	-2.0	32.3	0	35.2	4.97	1.86	0.65	44	39	86	
													95	98	96	95	98	95	96	96	95	90	93	97	96	93	90	95	96	95	93	94	93				
CEF 160402		CEF 130317	111	114	88	95	116	120	111	129	124	125	98	116	98	104	114	88	100	120	128	97	115	78	123	121	110	98	104	110	98	115	127	79	66		
83594275		CEF 120138	97	97	95	95	94	88	96	94	89	94	21	-0.65	-1.3	29	22.5	0.0	74	42.6	184	29	-61	-0.92	26.3	-21.1	-2.3	30.8	0	22.9	0.45	2.50	2.22	12	20	45	
													95	98	96	95	97	95	96	96	95	93	94	96	96	94	93	96	95	95	94	95	94				
CEF 180480		CEF 130317	87	142	87	79	121	135	139	138	139	147	121	85	123	125	142	87	113	142	136	88	114	77	119	114	123	96	103	133	148	105	139	135	122		
87546396		CEF 130161	94	96	83	84	66	79	92	80	79	90	52	2.55	-4.6	59	37.3	-0.2	104	62.9	216	7	-59	-0.96	24.3	-17.1	-4.7	29.2	-1	42.8	5.44	0.84	3.27	46	23	33	
													83	97	88	84	96	83	88	93	88	48	68	95	93	74	42	81	89	92	89						
CEF 190341		CEF 130548	111	104	106	130	124	135	122	90	128	87	78	110	96	75	104	106	127	104	89	105	91	95	88	147	100	110	96	88	79	63	94	237	174		
88457189		CEF 110136	97	97	92	93	91	87	96	94	88	94	-7	-0.03	-1.0	-15	17.2	5.5	139	28.4	38	49	-22	0.03	5.7	-35.7	-0.5	37.7	-6	3.4	-1.39	-5.77	-0.55	38	17	17	
													92	98	94	93	97	92	94	96	93	91	93	95	95	91	88	93	95	93	94	93					
CRV 090338		HJL 040244	94	104	128	93	30	71	112	98	73	101	111	99	87	105	104	128	124	106	93	108	98	134	102	38	45	78	99	97	127	84	53	252	215		
70583612		HJB 040134	96	98	92	91	75	84	96	82	84	90	38	1.06	0.1	29	17.0	12.3	132	30.0	53	55	-34	2.20	13.8	26.1	9.2	18.6	-4	10.9	3.42	-2.49	-4.0.				

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	Nr measured		
ID Comp.nr																																		Birth	Wean	Grwth Test
CRV 140295 80585219		JL 100198 CRV 120054	88	114	100	90	125	117	108	114	118	114	111	89	95	110	114	100	107	113	118	95	109	114	129	117	120	113	93	106	106	89	144	144	113	
			95	96	89	88	69	81	94	74	80	84	38	2.13	-0.9	37	22.4	3.6	89	37.0	148	25	-52	1.07	30.1	-18.7	-4.1	39.5	-9	18.8	1.33	-1.71	3.65	32	28	79
			75	97	91	88	75	79	88	96	89	91	88	96	89	91	88	96	89	91	90	85	28	60	93	91	75	46	86	82	83	82	86	82		
CRV 140308 80585672		CRV 110279 CRV 120058	110	84	102	131	87	91	94	74	85	78	76	106	111	74	84	102	101	84	76	94	96	104	119	94	87	98	79	71	95	113	119	23	21	
			86	87	75	74	56	71	83	58	68	75	-9	0.35	-3.0	-16	6.4	4.3	76	10.4	-13	22	-30	0.57	24.3	-5.8	1.7	30.7	-20	-12.0	0.17	2.12	1.57	6	6	17
			52	89	78	74	75	79	74	87	75	79	74	87	75	79	74	87	75	79	80	73	32	40	84	82	57	34	78	80	74	72	78	73		
CRV 150087 81909798		CRV 120095 CRV 110240	90	123	97	88	108	118	120	108	117	101	115	88	105	112	123	97	112	118	107	92	103	94	114	101	111	103	102	100	107	53	110	33	28	
			87	89	75	76	57	72	84	68	71	76	44	2.22	-2.2	40	27.2	2.8	101	41.3	107	17	-42	0.01	21.2	-9.9	-2.6	33.9	-2	13.6	1.42	-7.31	0.80	8	6	15
			56	91	80	76	89	75	80	76	89	75	80	76	89	75	80	76	89	75	80	80	76	33	56	86	84	58	36	78	82	77	73	79	73	
CRV 150223 81910838		JL 100198 CRV 120249	79	128	106	86	70	101	127	117	104	119	116	68	91	115	128	106	122	132	110	119	102	104	127	82	63	110	112	117	144	63	99	89	77	
			96	96	93	94	91	87	95	91	88	92	45	4.34	-0.3	44	30.1	5.5	125	53.3	119	81	-40	0.55	28.8	0.9	5.9	37.6	7	29.1	5.13	-5.84	-0.12	29	31	56
			88	97	95	94	95	88	97	95	94	95	88	97	95	94	94	96	93	94	95	95	93	87	88	95	95	91	87	94	94	93	92	93	92	
CRV 160059 83700708		AEJ 090007 FCT 110023	104	97	90	106	95	92	92	112	95	102	95	107	94	92	97	90	92	104	106	98	106	121	95	113	91	94	102	90	106	105	138	26	21	
			85	86	72	71	58	70	81	54	67	64	17	0.28	-0.7	11	13.2	0.6	54	28.4	101	31	-47	1.48	9.9	-16.4	1.1	28.1	-2	4.8	1.33	0.79	3.18	6	4	12
			55	89	76	71	86	72	76	71	86	72	76	71	86	72	76	71	86	72	76	80	72	32	32	84	81	58	40	75	79	73	62	67	62	
CRV 200259 90860594		CRV 170234 BBP 120217	90	110	89	99	100	98	103	88	95	84	101	86	102	100	110	89	100	101	88	71	78	111	131	83	101	120	87	87	97	53	67	30	25	
			92	92	87	86	85	82	90	86	83	88	24	2.40	-1.9	22	20.2	0.5	73	25.5	33	-35	0	0.92	31.0	0.5	-0.7	44.1	-13	1.9	0.42	-7.31	-2.85	4		
			85	93	88	86	92	87	88	86	92	87	88	86	92	87	88	86	92	87	88	87	83	83	91	90	85	83	87	89	88	87	88	87		
CRV 220033 93305548		CRV 150453 CRV 190261	105	90	89	127	88	88	91	74	82	85	79	105	90	78	90	89	93	86	70	91	72	91	88	94	88	101	88	79	115	113	99	21	17	
			79	83	53	53	40	60	73	43	57	61	-5	0.45	-0.3	-10	9.7	0.5	55	12.8	-35	13	9	-0.17	5.5	-5.5	1.6	32.3	-13	-4.9	2.18	2.07	-0.13			
			37	87	63	53	83	53	63	53	83	53	63	53	83	53	63	53	83	53	63	58	58	22	22	75	71	41	23	57	68	59	57	65	58	
CRV 220037 93305589		WBB 180205 CRV 180076	86	115	111	95	95	109	117	104	108	110	105	85	95	104	115	111	121	110	110	101	117	110	120	103	91	102	124	115	95	94	97	13	10	
			78	80	54	53	40	59	71	48	57	62	30	2.52	-0.9	28	23.1	6.9	123	33.6	116	38	-65	0.89	25.0	-10.8	1.0	32.8	16	26.6	0.15	-0.95	-0.32			
			38	85	63	53	80	54	62	53	80	54	62	53	80	54	62	53	80	54	62	62	61	15	28	76	72	41	23	56	70	63	59	66	59	
CSW 170184 86367273		CSW 140089 CSW 110100	106	95	97	108	104	99	94	103	99	101	101	108	93	90	95	97	98	93	101	86	76	94	91	83	117	103	79	78	96	120	53	583	517	
			99	99	97	97	96	90	98	98	92	98	25	0.16	-0.7	8	12.1	2.9	68	18.6	82	1	3	-0.02	7.4	0.7	-3.6	33.8	-20	-5.4	0.32	3.26	-4.01	206	70	95
			97	99	98	97	98	97	99	97	98	97	99	97	98	97	98	97	99	97	98	98	98	96	98	99	96	95	98	99	98	98	98	98		
DAJ 110069 73651747		GCD 090111 DAJ 080134	81	98	102	97	58	64	90	101	68	96	95	75	93	102	98	102	99	110	100	116	79	105	103	59	74	91	88	87	76	66	98	289	276	
			98	98	95	95	91	88	97	91	89	90	17	3.57	-0.7	24	14.0	4.2	71	33.6	79	74	-2	0.62	14.8	14.2	4.0	26.2	-12	2.5	-1.73	-5.24	-0.25	104	56	181
			93	99	96	93	99	93	99	96	93	99	93	99	96	93	99	96	93	99	96	98	95	87	85	96	97	91	86	96	96	95	89	91	89	
FCT 120014 74997859		FCT 080012 FCT 090229	82	120	107	86	94	107	117	113	108	122	121	75	100	114	120	107	116	120	115	118	112	112	102	105	92	94	130	128	112	104	78	9	9	
			80	82	71	68	51	66	78	49	63	48	52	3.60	-1.6	43	25.5	5.9	111	42.6	135	80	-56	0.99	14.0	-12.2	0.8	28.0	21	38.1	1.91	0.76	-1.92	4	3	18
			68	84	73	68	82	71	74	68	82	71	74	68	82	71	74	68	82	71	74	71	60	19	33	72	69	50	32	72	67	61	54	43	39	
GCD 140143 80434608		KHB 100093 GCD 120015	76	136	145	72	122	152	152	110	147	117	132	70	93	132	136	145	146	133	118	117	126	106	98	100	126	112	126	134	114	95	97	271	243	
			97	98	93	93	75	85	96	51	78	40	66	4.13	-0.7	69	34.3	17.5	185	54.8	146	77	-80	0.63	11.5	-9.2	-5.2	38.8	18	43.6	2.03	-0.71	-0.27	1	66	161
			81	98	94	81	94	81	98	94	81	94	81	98	94	81	94	81	98	94	81	98	66	66	31	83	80	85	49	90	78	72	38	43	38	
GJN 160214 84543461		GJN 120203 GJN 140028	110	101	100	131	84	107	114	92	103	96	75	110	90	74	101	100	119	101	87	109	93	111	82	102	72	110	102	105	108	72	144	92	88	
			96	96	94	94	91	87	95	93	88	94	-11	-0.08	-0.2	-17	15.4	3.7	118	25.7	32	57	-25	0.92	2.2	-10.1	4.5	37.8	-2	17.7	1.51	-4.37	3.65	38	29	58
			93	97	95	93	97	95	94	96	94	95	94	96	94	95	94	96	94	95	95	93	89	92	96	95	91	89	93	95	94	73	95	93		
GZV 180115 88641014		AG 150009 GZV 150129	135	98	65	123	102	107	100	92	103	101	77	131	129	82	98	65	75	99	94	99	80	105	105	92	114	97	83	91	79	124	80	34	31	
			92	92	86	85	84	82	90	85	83	84	-7	-2.27	-5.5	-4	14.1	-7.1	14	23.8	58	33	-4	0.59	15.6	-4.4	-3.0	29.9	-16	6.0	-1.46	3.84	-1.77	2	2	2
			85	94	88	85	92	86	88	85	92	86	88	85	92	86	88	85	92	86	88	89	86	82	83	86	88	84	82	87	88	86	83	84	83	

Sires

Bull				Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny			
Index EBV Acc	Genomic	Sire ID Dam ID	Comp.nr	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	Nr measured		
Birth																																			Wean		
Grwth Test																																			Dght & clvs (Weaned)		
HART170276 85800639		FCT 110285 HART120053		82 98	111 98	129 97	74 97	120 96	118 90	115 98	107 96	117 91	115 96	133 68	86 2.47	98 -1.3	130 66	111 20.6	129 12.5	116 112	111 34.7	100 78	118 79	103 -42	102 0.42	114 21.1	108 -13.8	118 -3.7	115 41.2	90 -11	101 14.9	144 5.04	116 2.64	83 -1.49	108 4	102 28 30	
HCO 090103 68368596		VV 030346 HJB 050332		132 96	97 97	68 93	137 92	80 76	98 84	104 95	106 73	99 82	98 86	71 -15	129 -2.01	116 -3.7	70 -23	97 13.4	68 -6.0	84 35	100 24.7	104 96	102 41	126 -79	145 2.80	137 34.7	96 -6.7	83 2.5	89 25.3	91 -10	87 2.4	90 -0.34	132 5.10	77 -2.03	152 40	148 40 162	
HDT 160077 84604164		HDT 130056 HDT 110094		96 95	115 95	61 92	98 91	102 89	94 85	98 94	127 92	100 86	119 92	98 21	94 1.58	103 -2.0	102 26	115 23.2	61 -8.2	80 26	112 36.1	125 174	82 -9	111 -54	111 0.93	117 23.2	115 -17.7	95 0.4	98 30.6	133 23	121 32.5	120 2.73	112 1.98	78 -1.93	54 21	48 15 35	
HP 120237 76314681		LAR 060224 HP 050120		113 98	104 98	118 94	102 95	42 80	89 86	117 97	87 68	86 82	96 84	103 28	113 -0.40	104 -2.1	96 15	104 16.9	118 9.3	122 126	97 21.9	86 25	85 1	86 -13	145 2.80	71 -4.4	62 12.8	49 8.4	83 21.6	76 -22	92 6.9	111 1.82	99 -0.13	53 -4.01	298 74	266 71 180	
HP 150013 81461337		FCT 080118 HP 120151		82 95	120 95	112 86	102 88	97 71	117 81	125 92	142 68	124 78	136 86	95 17	88 2.25	73 2.0	95 15	120 25.9	112 7.5	133 154	123 45.3	151 272	113 68	130 -86	114 1.10	109 18.4	116 -18.4	89 1.3	93 27.4	124 16	130 40.4	136 4.25	118 2.90	144 3.65	125 32	109 24 50	
JHL 210026 91976043		MCU 140048 FTB 180001		100 94	105 93	120 88	110 88	92 87	114 83	120 92	77 90	106 84	99 90	93 13	95 1.51	104 -2.1	88 4	105 17.6	120 9.9	131 148	88 14.6	82 11	79 -14	106 -46	116 1.23	106 16.4	92 -4.3	102 -1.0	87 24.1	80 -19	92 6.8	108 1.53	129 4.62	91 -0.81	49 10	30	
LAR 100031 71208813		LAR 060224 LAR 070208		78 97	137 98	123 94	83 94	73 80	120 86	147 97	139 77	126 84	128 78	117 46	77 3.37	94 -0.8	117 48	137 35.0	123 10.7	141 172	134 55.4	132 201	111 63	136 -96	114 1.08	113 20.6	99 -8.4	60 6.5	103 33.4	104 0	134 43.8	148 5.44	73 -4.21	76 -2.06	259 66	217 57 159	
LAR 140064 80516453		LAR 090281 LAR 110039		91 99	100 99	98 98	104 98	105 97	98 90	96 99	102 98	98 92	97 98	90 10	95 1.48	84 0.6	94 13	100 15.2	98 3.1	102 78	97 22.2	104 94	88 6	96 -31	107 0.72	102 14.1	101 -9.9	102 -0.8	109 37.2	86 -14	81 -2.9	136 4.24	100 0.08	83 -1.50	551 205	498 117 263	
LAR 140200 80514631		LAR 120033 LAR 100152		83 97	116 97	56 93	111 93	111 75	95 84	95 96	112 90	97 85	106 92	98 20	87 2.38	76 1.6	90 7	116 23.7	82 -9.7	82 30	116 39.4	111 121	91 14	94 -27	89 -0.27	100 12.8	113 -16.8	99 -0.3	112 39.2	80 -19	95 9.1	148 5.44	66 -5.26	115 1.25	153 70	138 45 136	
LAR 150117 82875782		BP 100017 LAR 120317		105 96	91 96	119 94	115 94	96 91	105 87	102 95	98 93	103 88	98 92	86 4	111 -0.17	81 1.0	85 0	91 10.3	119 9.6	118 117	94 19.3	103 89	112 64	97 -32	139 2.51	89 6.4	102 -10.5	91 1.0	102 33.3	94 -8	98 11.5	77 -1.64	108 1.38	68 -2.77	63 16	58 21 51	
LAR 170339 86116795		LAR 140106 LAR 080168		80 99	139 99	94 98	75 98	116 97	128 90	136 99	112 98	127 92	132 98	123 55	48 6.40	91 -0.4	131 67	139 35.8	94 1.8	113 104	138 59.1	108 108	119 81	111 -55	88 -0.34	141 37.2	87 -1.4	121 -4.3	125 47.1	90 -11	112 24.3	108 1.46	98 -0.21	85 -1.36	367 103	296 46 81	
LAR 180018 86917929		LAR 140173 LAR 110040		73 96	144 97	85 92	71 92	59 89	93 86	134 95	155 90	106 87	149 92	157 101	73 3.80	91 -0.4	137 77	144 38.2	85 -1.0	107 90	151 70.3	151 272	105 49	130 -86	89 -0.30	141 37.4	83 0.5	45 9.2	110 37.7	109 4	138 47.1	148 5.44	92 -1.27	101 0.06	120 39	114 16 21	
LAR 200284 90977802		LAR 170339 LAR 150061		82 83	126 86	106 64	84 60	111 47	121 66	125 78	117 60	122 65	121 51	117 46	72 3.90	101 -1.7	117 47	126 28.8	106 5.5	118 117	125 47.3	113 130	112 65	113 -57	81 -0.73	140 36.4	95 -6.2	103 -1.1	132 51.1	86 -14	105 18.1	107 1.43	91 -1.33	83 -1.50	25 12	24	
MBT 180199 87598157		CRV 110235 MBT 150048		102 97	115 97	92 91	126 92	118 89	130 86	125 95	102 94	126 88	105 94	75 -10	99 1.09	112 -3.2	79 -9	115 22.7	92 1.4	122 125	106 30.4	104 95	111 62	116 -63	95 0.02	147 41.0	137 -29.9	104 -1.3	101 32.5	72 -25	89 4.1	104 1.05	90 -1.59	122 1.77	146 64	133 17 27	

Sires

Bull				Selection Values								Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny				
Index EBV Acc	Genomic	Sire ID Dam ID	Comp.nr	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	Nr measured		
Birth																																			Wean	Grwth Test	Dght & clvs (Weaned)
MCU 130126 78727377		MCU 090078 MCU 100006		101	102	82	97	117	100	91	100	99	103	98	104	139	103	102	82	85	103	103	103	105	123	71	96	131	102	107	108	84	135	53	297	267	
				99	99	98	98	97	90	99	98	92	97	21	0.52	-6.8	26	16.1	-1.8	38	27.3	91	42	-45	1.61	-4.6	-6.7	-6.0	32.8	3	21.0	-0.90	5.58	-4.01	74	79	294
MCU 160213 84742188		MCU 130126 MCU 130156		108	102	62	98	136	104	85	134	111	121	99	105	124	103	102	62	69	113	145	113	129	137	101	101	149	103	127	123	87	143	89	232	219	
				98	98	97	96	95	89	98	95	90	96	22	0.44	-4.8	27	16.2	-7.8	-2	36.6	250	66	-85	2.38	13.6	-9.7	-9.3	33.6	18	33.6	-0.58	6.91	-1.01	74	56	133
NBON110038 73774440		BHE 050032 NBON070144		98	99	85	94	74	73	86	95	74	94	110	101	96	106	99	85	84	99	97	90	93	117	102	85	86	79	103	92	80	94	104	53	47	
				88	90	72	70	55	71	84	42	65	37	36	0.91	-1.1	30	14.4	-0.9	34	24.5	67	11	-25	1.24	14.0	-0.6	2.0	19.1	-1	6.2	-1.29	-0.87	0.25	7	14	
NCM 110009 73825648		RGR 070138 RGR 060082		107	96	99	99	111	102	93	89	99	88	104	108	101	100	96	99	95	94	94	84	103	95	96	103	123	88	92	88	80	92	101	27	23	
				83	85	65	61	49	66	78	47	62	35	29	0.12	-1.7	22	12.6	3.3	61	19.5	57	-3	-41	0.05	10.7	-10.5	-4.7	24.9	-9	3.0	-1.31	-1.23	0.05	4	7	
NFS 150077 82203308		NFS 110101 NFS 110142		77	110	70	96	79	70	87	87	69	95	99	74	120	105	110	70	82	106	94	102	128	92	105	54	110	85	106	105	114	102	78	36	31	
				97	96	95	95	94	88	96	96	90	95	22	3.65	-4.2	29	20.4	-5.4	30	30.6	56	40	-83	-0.11	15.6	17.4	-2.3	23.0	1	17.6	2.05	0.33	-1.95	19	4	11
NFS 150260 83097691		CEF 120418 NFS 100027		91	108	94	84	105	97	97	102	97	98	115	96	94	118	108	94	94	110	102	109	95	92	81	104	105	100	117	110	106	76	94	2	2	
				74	75	65	62	48	61	71	68	62	66	44	1.35	-0.7	48	19.4	2.0	59	33.5	88	58	-28	-0.15	1.4	-11.4	-1.5	31.9	10	22.5	1.30	-3.74	-0.56	1	4	
NFS 170339 85948115		NFS 150069 NFS 130028		82	119	84	79	99	94	105	115	97	111	117	81	102	126	119	84	92	119	125	90	121	131	108	85	106	108	129	129	140	66	68	54	49	
				94	94	90	90	88	84	93	91	85	90	47	2.94	-1.9	61	25.2	-1.2	53	42.3	173	11	-72	2.06	17.3	-0.3	-1.6	36.7	20	39.6	4.72	-5.24	-2.74	11	6	8
NFS 170371 85948370		NFS 150069 NFS 080025		108	113	78	104	98	106	109	96	103	96	91	107	103	95	113	78	96	106	94	90	111	110	112	95	110	89	97	102	105	75	67	78	60	
				95	95	91	91	88	85	94	92	86	91	11	0.25	-2.0	14	22.1	-3.2	63	30.2	57	12	-55	0.90	20.1	-6.3	-2.3	25.3	-5	15.0	1.19	-3.92	-2.85	19	18	31
NFS 190029 88794888		LAR 140064 NFS 160037		88	115	105	90	115	116	112	108	115	113	101	91	92	109	115	105	113	108	109	73	89	100	92	112	107	112	93	104	137	110	74	15	13	
				92	92	90	90	88	83	91	90	84	90	25	1.91	-0.6	36	22.8	5.3	104	32.1	115	-30	-19	0.35	8.0	-16.2	-1.8	39.2	-9	17.6	4.38	1.67	-2.26	2	4	8
NFS 190039 88795208		LAR 140064 ZVJ 130068		109	97	71	122	69	76	91	103	79	86	75	105	106	83	97	71	79	88	111	72	91	121	104	62	85	95	68	70	120	94	53	286	251	
				98	98	96	96	95	89	97	97	91	97	-10	0.43	-2.4	-3	13.3	-5.2	23	14.2	122	-33	-22	1.47	15.4	12.7	2.1	28.9	-29	-12.8	2.64	-0.93	-4.01	103	38	42
NFS 190345 89318174		CEF 160402 NFS 170328		97	122	95	94	116	125	121	112	124	111	102	97	99	105	122	95	112	120	109	118	109	114	116	109	109	112	99	104	106	92	112	45	42	
				94	94	90	89	88	84	93	90	85	90	26	1.24	-1.4	30	26.6	2.1	103	43.0	114	79	-51	1.10	22.3	-14.2	-2.1	39.1	-4	17.4	1.31	-1.28	0.92	5	7	7
NFS 210119 91821231		CSW 170184 HDT 110037		102	121	96	95	109	124	123	109	122	121	113	100	107	104	121	96	114	113	106	77	74	80	91	83	120	114	88	93	107	132	74	193	108	
				96	96	89	88	87	85	94	92	86	92	41	1.01	-2.5	27	26.0	2.5	106	36.8	101	-19	7	-0.78	7.3	0.4	-4.1	40.1	-13	7.2	1.42	5.06	-2.27	22		
NFS 210130 91821314		AJF 160574 ZVJ 120063		131	105	97	93	115	125	111	113	124	112	102	130	122	107	105	97	98	100	113	91	119	89	113	92	124	110	108	108	102	122	132	2	2	
				90	91	89	88	87	82	90	89	83	88	26	-2.15	-4.6	32	17.5	2.8	69	25.3	127	13	-67	-0.27	20.7	-4.3	-4.7	37.9	3	21.0	0.89	3.58	2.67			
NFS 210217 92025725		CSW 170184 HDT 140022		117	84	98	116	102	95	86	114	98	107	91	123	89	85	84	98	90	90	108	94	81	99	91	83	111	114	79	77	99	136	57	56	54	
				94	94	89	88	88	84	92	90	85	88	11	-1.44	0.0	0	6.2	3.1	49	16.4	111	22	-5	0.26	7.6	0.5	-2.5	40.6	-20	-6.4	0.59	5.70	-3.68	8		

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	Nr measured																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Sires

Bull				Selection Values										Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny		
Index EBV Acc	Genomic	Sire ID Dam ID	Comp.nr	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	Nr measured		
																																			Birth	Wean	
																																				Grwth Test	Dght & clvs (Weaned)
VJN 180063 87517892		LAR 130032 CEW 080052		132	91	78	106	82	87	88	106	89	107	96	130	138	94	91	78	75	104	105	101	85	82	111	79	90	102	80	93	70	106	117	71	63	
				95	96	91	91	90	86	94	93	87	92	18	-2.20	-6.6	13	9.9	-3.0	13	28.4	99	38	-12	-0.65	19.2	2.8	1.2	33.0	-19	7.5	-2.27	0.95	1.35	19	1	1
VV 120139 75196477		VV 090089 VV 090475		90	146	104	81	110	145	152	158	153	150	138	96	93	121	146	104	131	152	151	121	148	60	147	139	83	101	122	148	145	114	132	406	369	
				99	99	98	98	97	90	99	97	91	96	74	1.37	-0.7	54	39.6	5.0	148	71.0	272	86	-115	-1.90	41.0	-31.3	2.4	32.7	14	56.3	5.17	2.24	2.67	139	100	279
VV 120274 75893461		VV 100150 VV 060234		134	92	96	115	78	99	103	80	93	96	86	131	133	85	92	96	96	89	80	84	80	103	95	95	80	88	99	102	88	112	83	111	109	
				96	97	94	93	91	87	96	90	88	90	5	-2.22	-6.0	1	10.5	2.4	64	15.2	3	-4	-4	0.51	9.7	-6.3	2.9	24.6	-4	15.2	-0.51	1.94	-1.50	20	25	99
WBB 180201 87231189		LAR 140173 LAR 100303		86	127	114	103	132	146	136	140	149	130	108	93	74	94	127	114	141	129	140	100	119	108	110	147	101	122	112	132	148	85	123	277	235	
				96	98	89	89	70	83	95	70	80	90	34	1.68	1.9	13	29.3	7.9	173	51.2	231	37	-67	0.74	18.5	-35.7	-0.7	45.1	6	41.9	5.44	-2.33	1.92	77	34	64
WBB 180205 87748067		LMR 140216 WBB 150326		81	111	89	104	91	92	103	81	88	91	95	80	86	95	111	89	104	101	86	89	98	110	115	110	90	85	104	98	105	85	82	99	89	
				90	95	73	74	56	74	88	66	72	74	17	3.04	0.2	14	21.1	0.4	84	25.6	28	9	-33	0.89	21.8	-14.6	1.2	22.7	0	11.8	1.15	-2.24	-1.58	26	8	9
ZEF 170077 86180148		ZEF 150005 ZEF 150075		90	132	67	91	148	135	117	102	130	114	113	91	126	111	132	67	96	124	103	94	103	111	96	129	144	114	110	117	124	97	53	57	49	
				96	96	95	95	93	88	96	94	89	94	41	1.97	-5.1	38	32.0	-6.4	64	46.7	91	21	-41	0.95	10.5	-25.8	-8.4	40.0	5	28.6	3.11	-0.42	-4.01	7	20	38
ZEF 190005 88643184		ZEF 160062 VV 170030		99	107	106	82	112	110	105	109	110	114	124	99	108	121	107	106	101	110	115	115	102	122	83	105	109	114	90	112	126	119	83	18	12	
				93	93	91	91	89	84	92	90	85	90	56	1.12	-2.6	52	18.8	5.6	76	34.2	137	71	-40	1.52	2.5	-11.9	-2.1	40.4	-11	24.4	3.27	3.00	-1.47	5	3	3

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	Veld	Growth	EMA	Fat	Marbling	Carcass	
Test Station		ID	Dam ID	Value	dir	wt			Height					Growth	Value	Eye muscle Area			Value	
202101 D11 M MOALOSI BONSMARA		0689633BON	CRV 150223 CRV 130299		102	122	120	115	120	88	107	96	105	103	116	113	126	101	120	124
		MDS 200036			85	93	45	27	13	1.12	16.8	0.50	98	-41	74	90	3.27	0.23	1.61	90
		91342089					92	91	92	92	92	89	91	89	89		90	90	90	90
202103 D11 M UP GEORGE FARMS CC		0512088BON	LAR 170339 LAR 150062		103	118	107	99	84	127	103	92	105	100	91	101	99	104	92	106
		LAR 200499			66	86	33	12	-16	1.23	14.8	0.56	99	-36	14	54	0.62	0.68	-0.70	51
		91244087					69	66	72	69	74	38	65	38	25		50	52	50	51
202207 C32 M SERNICK BONSMARA STOET		0378288MIX	CSW 170184 NFS 160012		103	96	88	80	76	113	99	118	89	97	104	88	108	93	84	92
		NFS 210457			67	87	15	-5	-23	1.19	12.0	0.10	36	-31	46	79	1.50	-1.03	-1.41	78
		92878073					79	75	81	78	83	79	75	79	38		75	80	72	78
202302 D11 M SYFERFONTEIN BOERDERY		0500144BON	SYF 190045 BDX 180001		102	106	93	75	57	140	100	98	87	77	90	90	107	141	53	110
		SYF 220367			82	91	20	-8	-37	1.28	12.7	0.47	31	2	12	87	1.39	6.45	-4.01	88
		94185527					89	88	90	89	90	85	88	85	85		88	89	88	88
202305 D21 M SYFERFONTEIN BOERDERY		0500144MIX	SYF 150155 BKR 200015		95	94	93	80	65	135	106	77	106	87	104	102	91	120	103	101
		BKR 220228			83	91	20	-4	-31	1.25	16.2	0.84	100	-16	44	89	-0.21	3.28	0.21	90
		94011020					90	90	90	90	91	88	90	88	87		89	90	89	90
202318 C32 M SERNICK BONSMARA STOET		0378288MIX	V 170167 ZEF 150130		114	105	113	121	118	100	138	116	105	119	134	101	99	143	112	130
		ZEF 220208			81	89	38	32	11	1.16	35.2	0.13	97	-68	118	88	0.55	6.91	0.98	86
		94711637					88	88	89	88	89	87	87	87	84		86	87	86	86
202407 D21 M SERNICK BONSMARA STOET		0378288MIX	ZEF 200092		148	122	121	114	110	102	115	94	114	113	122	114	141	104	66	119
		THM 230019			78	87	45	26	5	1.16	21.9	0.53	131	-59	90	84	4.76	0.76	-2.90	86
		96496500					86	85	86	86	87	83	85	83	83		85	86	85	86
202412 C32 M SERNICK BONSMARA STOET		0378288MIX	MBT 180199 NFS 200381		116	107	105	103	101	102	142	124	105	126	122	105	107	84	123	103
		NFS 230140			55	69	31	16	-2	1.16	37.8	-0.01	99	-79	88	67	1.41	-2.45	1.90	66
		95386520					68	64	71	68	73	66	63	66	25		63	69	63	66
		THM 230099			102	114	101	97	104	89	102	101	103	103	84	105	102	88	71	100
		96501085			55	70	27	11	0	1.12	14.1	0.41	89	-42	-4	66	0.87	-1.78	-2.49	64
		THM 230242	NFS 170339 NFS 190213		106	118	123	132	136	86	96	77	122	111	86	119	111	94	95	121
		95557971			53	69	47	42	26	1.12	10.5	0.83	162	-55	2	66	1.75	-0.92	-0.48	64
							66	61	70	66	72	66	60	66	17		60	68	61	64

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	Veld	Growth	EMA	Fat	Marbling	Carcass
Test Station		ID	Dam ID	Value	dir	wt			Height					Growth	Value	Eye muscle Area			Value
202417 C32 M SERNICK BONSMARA STOET		0378288MIX																	
		AG 230104	AG 160138	98	94	91	75	61	136	111	104	87	83	94	91	108	111	79	101
		95596573	AG 200583	81	18	88	-8	-34	1.26	19.5	0.34	32	-9	22	87	1.48	1.75	-1.81	86
		THM 230008	VJN 180063	95	105	110	101	98	105	119	93	119	120	105	120	97	94	69	113
		96307491	NFS 210132	81	35	89	15	-4	1.17	23.9	0.56	152	-69	47	88	0.40	-0.84	-2.69	88
					90	89	88	89	88	90	88	88	88	85		88	89	88	88
202418 C32 M SERNICK BONSMARA STOET		0378288MIX																	
		THM 230015	CEF 180480	135	123	114	112	98	121	112	97	109	109	90	103	116	87	111	108
		96501150	NBON160063	79	39	86	24	-5	1.21	19.8	0.48	113	-52	12	86	2.26	-2.00	0.86	86
					87	86	85	87	86	87	85	85	85	82		85	86	85	86
202502 C32 M SERNICK BONSMARA STOET		0378288MIX																	
		THM 240006	TMB 210335	115	108	107	104	96	113	108	101	106	109	106	105	101	99	81	109
		97633176	AG 200620	51	33	65	17	-6	1.19	17.7	0.41	104	-51	50	64	0.77	-0.17	-1.70	62
		THM 240013	TMB 210335	105	104	104	104	101	104	85	96	105	103	97	106	114	70	128	105
		97633242	NBON180028	49	30	63	17	-3	1.17	3.9	0.49	100	-42	29	63	2.12	-4.68	2.31	61
					68	63	58	67	62	70	63	56	63	12		57	65	57	61
202506 C32 M SERNICK BONSMARA STOET		0378288MIX																	
		THM 250004	NFS 210457	102	107	102	107	104	103	109	110	110	121	112	103	113	108	84	106
		98781040	NFS 180239	53	28	65	20	0	1.16	17.9	0.25	118	-72	64	65	1.98	1.31	-1.41	63
		THM 250005	ABB 190605	110	117	106	108	105	102	91	78	129	121	71	119	99	103	105	113
		98854581	NFS 180177	53	32	68	21	1	1.16	7.5	0.82	190	-72	-35	68	0.55	0.54	0.37	66
					71	68	63	71	67	73	67	62	67	19		62	69	63	66
202507 C32 M SERNICK BONSMARA STOET		0378288MIX																	
		CRV 240274	CRV 090338	77	112	98	107	113	88	95	127	95	115	104	91	136	98	53	94
		97484117	THE 180210	58	24	68	19	7	1.12	9.6	-0.07	62	-61	45	65	4.27	-0.27	-4.01	64
		CRV 240344	WBB 180205	98	108	95	91	82	118	113	99	98	96	91	90	106	90	83	93
		97769582	CRV 180249	54	21	66	5	-17	1.21	20.7	0.43	73	-29	14	62	1.31	-1.49	-1.46	62
					70	66	61	69	65	72	59	60	59	18		58	66	58	62
		CRV 240474	WBB 180205	95	102	94	91	87	110	119	109	101	107	102	95	120	116	96	102
		98073547	CRV 180380	55	20	67	5	-14	1.18	24.3	0.27	82	-48	40	64	2.70	2.62	-0.36	62
					70	67	63	71	67	73	60	62	60	22		59	66	44	62
202601 C32 M SERNICK BONSMARA STOET		0378288MIX																	
		THM 250022	ABB 190605	139	136	132	125	107	124	127	53	139	115	98	127	111	115	113	136
		98854680	ZEF 150130	53	55	67	35	2	1.22	29.0	1.28	227	-61	30	66	1.74	2.47	1.05	64
					71	67	62	70	66	73	65	61	65	19		61	68	61	64

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 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	
			Sire ID Dam ID																																
LAR 200499 91244087	7		LAR 170339 LAR 150062	81 84	118 86	91 64	94 60	101 46	103 66	110 78	101 54	102 64	106 51	104 29 48	73 3.82 90	95 -0.9 70	106 31 60	118 24.7 86	91 1.1 64	106 88 70	112 35.5 70	105 99 65	91 14 25	100 -36 38	67 -1.5 77	103 14.8 74	85 -0.2 49	103 -1.1 28	120 44.1 61	84 -16 72	99 12 66	99 0.62 50	104 0.68 52	92 -0.70 50	
MDS 200036 91342089	2	CRV 150223 CRV 130299		78 93	122 93	107 92	84 91	86 90	102 85	118 93	113 90	104 86	124 90	115 44 90	79 3.18 94	93 -0.6 92	117 46 91	122 26.6 93	107 5.9 92	116 112 92	121 43.9 93	105 98 91	116 74 89	103 -41 89	129 1.9 93	107 16.8 92	103 -11.0 90	72 4.5 89	109 37.3 92	120 13 92	115 27 91	126 3.27 90	101 0.23 90	120 1.61 90	
ZEF 200145 91878033	1	ZEF 170077 ZEF 180176		86 67	125 68	80 52	95 49	120 37	118 52	116 63	103 48	116 51	108 60	107 33 49	85 2.57 72	118 -4.0 57	106 30 49	125 28.6 68	80 -2.4 52	103 82 56	117 40.3 62	104 93 56	96 26 13	102 -40 34	123 1.6 74	105 16.0 69	111 -15.6 40	117 -3.6 20	108 36.7 50	101 -3 67	110 23 57	147 5.37 55	98 -0.34 64	53 -4.01 38	
NFS 210457 92878073	2	CSW 170184 NFS 160012		118 85	96 87	92 65	105 61	103 47	103 67	97 79	88 79	99 69	92 78	99 22 59	117 -0.83 91	109 -2.9 71	94 13 61	96 12.6 87	92 1.4 65	92 55 71	91 16.6 75	89 36 75	104 46 38	97 -31 79	86 -0.5 85	99 12.0 83	90 -3.4 52	106 -1.6 28	111 38.4 62	76 -23 81	80 -5 75	108 1.50 75	93 -1.03 80	84 -1.41 72	
BKR 220228 94011020	4	SYF 150155 BKR 200015		125 91	94 91	74 89	107 89	101 88	95 83	88 90	102 89	95 84	101 90	87 7 89	125 -1.64 91	110 -3.0 90	92 11 89	94 11.8 91	74 -4.3 89	75 13 90	100 25.0 90	106 100 90	104 44 87	87 -16 88	89 -0.3 91	106 16.2 91	105 -11.7 88	86 1.9 87	123 45.5 89	65 -31 90	80 -4 90	91 -0.21 89	120 3.28 90	103 0.21 89	
SYF 220367 94185527	5	SYF 190045 BDX 180001		125 91	106 91	60 88	103 88	106 86	102 82	94 90	90 87	99 83	110 88	95 16 87	139 -3.12 92	109 -2.7 89	98 19 88	106 17.9 91	60 -8.4 88	72 6 89	106 30.5 90	87 31 88	90 12 85	77 2 85	74 -1.1 91	100 12.7 90	98 -7.8 86	103 -1.1 85	115 40.7 88	57 -37 90	75 -8 88	107 1.39 88	141 6.45 89	53 -4.01 88	
ZEF 220041 93766434	2	ZEF 190005 ZEF 160055		102 67	103 68	101 53	86 49	106 35	102 52	98 63	108 42	103 50	109 60	114 42 49	102 0.79 72	108 -2.6 57	115 44 49	103 16.6 68	101 4.0 53	96 64 57	105 29.1 54	117 143 56	102 40 17	123 -75 22	122 1.5 74	117 22.7 69	100 -8.9 36	105 -1.5 21	111 38.5 48	109 4 67	115 27 57	96 0.27 56	118 2.85 64	81 -1.63 56	
ZEF 220208 94711637	1	V 170167 ZEF 150130		115 89	105 89	84 88	97 87	121 86	114 81	101 89	101 88	112 82	130 86	105 30 86	115 -0.56 90	110 -2.9 88	102 25 87	105 17.7 89	84 -1.3 88	90 48 88	113 36.5 88	105 97 87	134 118 84	119 -68 87	85 -0.5 90	138 35.2 89	120 -20.6 86	107 -1.9 84	117 41.8 87	118 11 89	121 32 88	99 0.55 86	143 6.91 87	112 0.98 86	
AG 230104 95596573	6	AG 160138 AG 200583		108 89	94 90	107 87	107 87	92 86	98 81	98 89	91 87	95 82	101 86	94 15 86	111 -0.19 90	93 -0.6 88	91 9 87	94 11.6 90	107 5.9 87	105 86 88	92 18.1 88	87 32 87	94 22 85	83 -9 86	117 1.3 90	111 19.5 89	80 2.1 86	91 1.0 84	117 41.8 87	61 -34 89	75 -8 87	108 1.48 86	111 1.75 87	79 -1.81 86	
NFS 230140 95386520	1	MBT 180199 NFS 200381		115 70	107 69	93 55	113 55	102 39	116 55	115 65	105 67	115 57	103 66	81 -3 54	109 -0.01 75	115 -3.6 61	87 2 55	107 18.6 69	93 1.6 55	108 94 60	101 26.3 59	105 99 63	122 88 25	126 -79 66	88 -0.3 77	142 37.8 73	102 -10.1 44	101 -0.8 23	106 35.6 50	101 -2 71	103 16 64	107 1.41 63	84 -2.45 69	123 1.90 63	
THM 230008 96307491	2	VJN 180063 NFS 210132		114 89	105 90	73 87	97 87	98 86	95 81	95 89	120 88	100 82	113 88	101 25 86	113 -0.33 90	111 -3.1 88	103 26 87	105 17.5 90	73 -4.5 87	80 26 88	112 35.9 88	119 152 88	105 47 85	120 -69 88	106 0.7 90	119 23.9 90	98 -8.1 86	95 0.2 84	108 36.6 87	98 -4 89	101 15 88	97 0.40 88	94 -0.84 89	69 -2.69 88	
THM 230015 96501150	1	CEF 180480 NBON160063		105 87	123 87	94 84	87 84	128 83	135 79	124 86	103 86	131 80	108 86	114 42 84	100 1.01 88	118 -4.0 85	114 42 84	123 27.4 87	94 2.0 84	109 95 85	118 40.8 86	109 113 85	90 12 82	109 -52 85	85 -0.5 88	112 19.8 87	110 -14.8 83	133 -6.5 81	102 33.0 84	98 -5 87	112 24 85	116 2.26 85	87 -2.00 85	111 0.86 85	

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	Animal no	% Inbreeding	Genomic Parentage	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 -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
				Sire ID	Dam ID																															
THM 230019	96496500		 ZEF	200092		91	122	110	100	146	148	129	114	145	119	101	92	92	98	122	110	131	124	114	122	113	94	115	147	128	111	110	114	141	104	66
						86	87	84	84	83	78	86	84	79	86	25	1.85	-0.4	19	26.6	6.9	148	46.7	131	90	-59	0.0	21.9	-35.7	-5.5	38.2	5	26	4.76	0.76	-2.90
																84	87	85	84	87	84	85	86	85	83	83	88	87	83	82	84	86	85	85	85	
THM 230099	96501085	5	NFS 170371			101	114	84	94	96	102	108	105	102	100	102	97	110	106	114	84	96	109	103	84	103	103	102	87	109	96	104	97	102	88	71
			NFS 180044			69	70	57	56	40	55	66	66	57	64	26	1.24	-2.9	31	22.5	-1.1	65	33.2	89	-4	-42	0.5	14.1	-1.4	-2.1	29.6	0	11	0.87	-1.78	-2.49
																53	73	61	56	70	57	61	60	61	17	66	76	73	43	24	53	70	62	61	61	
THM 230242	95557971	1	NFS 170339			99	118	88	81	103	106	111	119	109	121	113	97	111	123	118	88	95	116	122	86	111	141	96	97	105	106	136	132	111	94	95
			NFS 190213			67	69	52	51	37	53	63	66	56	64	41	1.24	-3.1	56	24.3	0.0	60	39.0	162	2	-55	2.6	10.5	-7.2	-1.4	35.2	26	42	1.75	-0.92	-0.48
																50	72	58	51	69	52	57	59	60	17	66	76	72	41	21	49	70	61	60	68	61
CRV 240274	97484117	1	CRV 090338			78	112	103	94	56	77	105	91	76	94	106	82	83	105	112	103	111	107	95	104	115	121	95	67	66	91	113	107	136	98	53
			THE 180210			72	72	60	58	45	58	68	65	59	64	32	2.82	0.8	29	21.3	4.7	100	31.0	62	45	-61	1.5	9.6	9.7	5.4	26.2	7	19	4.27	-0.27	-4.01
																54	75	64	58	72	60	63	65	63	33	62	77	74	47	31	58	71	64	60	67	61
CRV 240344	97769582	3	WBB 180205			104	108	94	101	83	98	108	90	95	93	98	101	106	97	108	94	104	102	98	91	96	87	113	91	88	91	82	91	106	90	83
			CRV 180249			69	70	52	52	37	54	64	62	56	62	20	0.85	-2.4	18	19.0	2.0	83	26.8	73	14	-29	-0.4	20.7	-4.0	1.6	26.4	-17	5	1.31	-1.49	-1.46
																40	74	58	52	70	52	58	62	60	18	59	76	72	39	23	49	69	61	58	66	58
CRV 240474	98073547	2	WBB 180205			91	102	94	100	103	95	94	95	93	102	96	93	90	98	102	94	97	99	101	102	107	113	119	115	97	98	87	91	120	116	96
			CRV 180380			70	70	53	53	39	55	65	64	57	62	18	1.70	-0.3	20	15.9	1.8	67	23.8	82	40	-48	1.0	24.3	-17.5	-0.1	30.5	-14	5	2.70	2.62	-0.36
																44	75	60	53	70	53	59	63	62	22	60	77	73	42	24	51	71	63	59	66	44
THM 240006	97633176	2	TMB 210335			107	108	95	108	107	115	113	105	114	109	91	102	109	90	108	95	109	108	106	106	109	117	108	111	98	111	96	104	101	99	81
			AG 200620			67	69	47	46	32	51	62	64	54	62	11	0.75	-2.8	8	19.3	2.3	96	32.5	104	50	-51	1.3	17.7	-15.3	-0.2	38.3	-6	17	0.77	-0.17	-1.70
																46	73	55	46	69	47	54	58	58	15	64	75	71	32	19	44	69	60	58	66	59
THM 240013	97633242		TMB 210335			102	104	89	108	105	105	103	106	105	105	93	100	102	91	104	89	100	103	105	97	103	85	85	111	103	97	101	104	114	70	128
			NBON180028			65	68	43	44	28	49	60	63	52	61	14	0.98	-1.8	8	17.3	0.5	74	27.6	100	29	-42	-0.5	3.9	-15.5	-1.1	30.0	-3	17	2.12	-4.68	2.31
																44	71	53	44	68	43	52	58	56	12	63	74	70	27	16	41	67	58	57	65	57
THM 250004	98781040	5	NFS 210457			99	107	94	93	104	102	102	103	102	106	108	97	107	107	107	94	98	105	110	112	121	99	109	91	107	110	104	107	113	108	84
			NFS 180239			67	70	51	49	36	53	63	65	55	63	34	1.30	-2.5	32	18.6	1.8	67	29.6	118	64	-72	0.3	17.9	-3.9	-1.8	37.9	0	20	1.98	1.31	-1.41
																48	72	56	49	70	51	57	57	60	28	65	76	71	39	24	46	69	61	59	67	59
THM 250005	98854581	1	ABB 190605			91	117	91	94	106	110	112	119	112	113	103	91	98	106	117	91	105	111	129	71	121	99	91	110	99	107	105	108	99	103	105
			NFS 180177			68	71	51	46	36	53	64	68	56	66	27	1.89	-1.3	31	24.3	1.1	86	34.5	190	-35	-72	0.3	7.5	-14.8	-0.4	36.0	1	21	0.55	0.54	0.37
																46	73	56	46	71	51	56	60	62	19	67	77	73	38	23	48	71	63	62	69	63
THM 250007	98854599	1	NFS 210217			125	88	94	116	106	104	93	112	106	105	86	127	104	85	88	94	90	96	108	102	90	108	93	100	106	113	85	83	96	116	86
			AJF 220410			66	69	47	47	32	51	62	45	50	44	4	-1.84	-2.1	0	8.5	1.8	50	21.0	110	41	-21	0.8	8.8	-8.8	-1.7	39.5	-15	-2	0.29	2.54	-1.23
																44	72	55	47	69	47	54	52	46	22	42	52	50	35	18	44	50	47	42	45	42
THM 250017	99167017	2	ABB 190605			96	112	97	101	122	120	111	111	120	113	99	99	89	98	112	97	110	109	122	91	113	87	101	131	107	111	102	106	97	118	106
			ZEF 220023			68	70	47	43	33	51	62	47	50	48	22	1.09	-0.1	18	21.4	2.9	98	33.2	164	13	-57	-0.4	13.6	-26.5	-1.8	38.4	-2	19	0.41	2.88	0.45
																42	74	54	43	70	47	53	52	47	15	45	52	51	35	19	45	50	47	46	49	46

Breeding Values and Accuracies: Bulls

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					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 -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
THM 250021	1	NFS 210457		112	99	95	105	99	103	101	96	101	100	91	111	108	94	99	95	98	97	93	114	101	86	96	93	99	110	81	88	105	105	97
99009185		HT 200301		67	68	47	48	32	51	61	47	50	46	11	-0.14	-2.6	13	14.3	2.3	69	22.6	55	69	-39	-0.4	10.4	-5.2	-0.3	37.9	-18	3	1.23	0.79	-0.29
														46	73	55	48	68	47	54	48	45	23	46	51	50	34	18	43	49	45	45	48	44
THM 250022	1	ABB 190605		101	136	95	82	115	139	140	127	140	136	128	101	108	121	136	95	117	130	139	98	115	88	127	122	98	114	107	125	111	115	113
98854680		ZEF 150130		70	71	52	46	36	53	64	66	56	64	62	0.85	-2.6	53	34.4	2.3	114	52.1	227	30	-61	-0.4	29.0	-21.8	-0.2	40.2	2	35	1.74	2.47	1.05
														46	75	57	46	71	52	56	64	61	19	65	77	73	38	22	49	70	62	61	68	61
THM 250023	1	NFS 210217		105	91	105	121	105	103	97	106	103	103	85	107	89	82	91	105	106	94	104	94	91	102	103	94	107	112	86	87	100	117	87
98854698		AG 220434		67	54	43	41	31	45	52	39	44	36	4	0.29	0.0	-4	9.9	5.2	87	19.8	95	21	-22	0.5	14.6	-5.9	-1.8	39.1	-15	2	0.69	2.77	-1.19
														40	73	53	41	54	43	46	51	40	25	35	46	45	33	17	42	44	41	34	37	34
THM 250024	1	NFS 210457		136	73	95	135	99	97	86	84	93	85	74	134	115	70	73	95	84	77	83	113	95	98	89	93	98	113	82	80	93	101	113
98781099		NFS 210345		67	69	48	48	33	51	62	48	50	48	-12	-2.57	-3.7	-22	0.5	2.1	34	4.2	15	67	-29	0.2	6.5	-5.1	-0.2	39.7	-17	-4	0.03	0.29	1.06
														47	73	55	48	69	48	55	49	46	21	47	52	50	37	20	43	49	46	46	49	44
THM 250033	2	CEF 190341		98	101	114	128	102	117	117	97	114	94	79	97	87	76	101	114	131	103	97	96	98	110	100	117	88	109	101	96	88	86	95
99257594		AG 170247		71	61	53	55	41	52	60	48	51	46	-4	1.32	0.1	-13	15.7	8.0	149	27.4	67	27	-33	0.9	12.7	-18.8	1.6	37.1	-2	10	-0.52	-2.17	-0.52
														55	75	61	55	61	53	56	60	48	37	45	52	52	46	25	51	51	49	45	47	45
THM 250034	2	AEJ 220157		105	102	100	96	112	109	101	105	109	102	101	105	105	102	102	100	101	101	108	96	100	87	96	110	109	107	109	105	92	86	111
99257602		NFS 200004		53	53	45	45	30	43	50	42	43	40	25	0.47	-2.2	25	16.0	3.7	75	26.2	110	27	-37	-0.4	10.4	-14.8	-2.1	36.3	4	18	-0.08	-2.15	0.84
														43	56	48	45	53	45	48	44	41	13	39	49	47	33	18	40	46	42	37	42	37
THM 250036	1	AG 200056		77	116	95	100	91	97	109	95	95	94	96	56	70	98	116	95	112	110	95	109	102	71	76	93	94	102	115	102	102	100	91
99257628		THE 180210		68	61	48	42	32	48	57	36	46	26	18	5.55	2.5	19	23.4	2.3	102	33.9	61	57	-40	-1.3	-1.7	-5.1	0.5	33.1	9	15	0.88	0.03	-0.81
														42	74	53	42	61	48	50	56	48	17	21	55	54	31	20	44	53	49	24	27	24
THM 250038	1	NFS 210457		132	86	89	111	97	96	89	93	94	94	91	142	137	88	86	89	82	85	94	103	98	87	100	90	97	110	91	91	95	92	90
99416711		NFS 210576		66	56	45	46	32	46	54	47	46	46	11	-3.38	-6.6	5	7.3	0.2	30	11.7	58	43	-33	-0.4	12.6	-3.6	-0.1	37.8	-10	5	0.16	-1.25	-0.92
														45	72	54	46	56	45	49	48	45	20	46	51	50	36	19	41	49	45	45	48	44
THM 250040	4	AG 200056		81	111	106	100	81	94	110	97	93	93	99	79	93	98	111	106	117	110	99	122	93	58	85	81	89	98	103	99	90	84	81
99417453		CRV 180249		67	60	48	43	30	47	57	35	45	30	22	3.18	-0.6	19	20.7	5.7	114	33.6	74	88	-26	-2.0	3.6	2.0	1.4	30.7	-1	13	-0.28	-2.50	-1.66
														32	73	53	43	60	48	50	56	46	17	21	53	52	30	19	42	51	47	29	32	29
THM 250041	1	NFS 210457		101	109	96	95	106	108	106	100	106	105	102	99	106	104	109	96	102	104	97	95	100	113	90	101	105	107	103	100	101	108	96
99416737		NFS 190213		67	57	49	47	32	47	56	50	48	49	26	1.10	-2.3	28	19.6	2.4	79	28.8	69	25	-36	1.0	7.0	-9.5	-1.4	36.3	-1	14	0.78	1.39	-0.37
														46	72	55	47	57	49	51	48	47	23	50	55	53	35	18	43	52	48	47	51	46
THM 250045	1	NFS 210457		104	97	99	102	98	97	96	95	96	94	98	105	99	96	97	99	98	93	99	95	98	97	102	91	100	106	88	88	116	91	95
99991051		NFS 210179		67	57	47	48	35	48	56	49	48	48	21	0.47	-1.5	16	13.4	3.3	69	18.9	75	25	-33	0.2	13.8	-4.0	-0.5	35.7	-13	3	2.32	-1.31	-0.50
														46	73	56	48	57	47	51	50	47	27	48	53	52	38	22	44	51	48	47	50	46
THM 250048	1	NFS 210457		101	108	108	95	91	106	112	101	105	102	104	100	104	103	108	108	113	104	101	98	105	94	103	89	90	109	89	101	122	89	84
99991028		GZV 180362		56	57	48	48	35	46	54	45	46	44	28	0.98	-2.1	26	19.3	6.2	104	28.8	82	30	-45	0.0	14.4	-2.8	1.2	37.2	-12	15	2.84	-1.64	-1.42
														46	59	51	48	57	48	51	50	46	23	42	51	50	38	22	44	49	46	42	45	41

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					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 -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
THM 250058	99990947	5	CRV 220033 CRV 180322				100 66	99 56	111 46	115 46	91 32	103 46	108 54	98 32	102 43	101 40	87 6	99 1.05	93 -0.6	85 0	99 14.2	111 7.2	118 117	98 23.1	98 73	108 54	100 -37	103 0.5	102 13.7	95 -6.3	91 1.1	102 33.1	109 4	103 16	117 2.37	104 0.64	116 1.29
THM 250059	99990939	1	AEJ 220157 AG 210292				94 65	113 52	109 40	89 38	115 29	119 43	115 50	114 36	119 42	120 36	112 40	90 2.01	109 -2.7	110 37	113 22.0	109 6.4	113 106	115 38.8	115 136	102 41	103 -42	88 -0.4	101 13.6	107 -13.1	111 -2.6	113 39.9	116 9	118 30	112 1.91	93 -1.05	112 0.92
THM 260001	6020676943	1	JHL 210026 THM 230023				102 64	113 56	109 39	93 38	102 29	118 44	120 52	100 42	116 44	114 43	106 32	98 1.18	111 -3.1	105 30	113 22.1	109 6.5	117 114	106 30.0	102 89	83 -5	105 -46	102 0.4	106 16.1	96 -6.7	109 -2.1	98 30.4	95 -7	108 21	122 2.93	115 2.40	107 0.53
THM 260003	6020676968	2	JHL 210026 NFS 220240				93 65	110 56	113 37	106 36	97 29	113 43	118 51	93 42	109 43	103 41	97 20	91 1.91	95 -0.9	92 10	110 20.2	113 7.8	126 136	101 26.0	95 59	97 28	106 -47	113 1.1	106 16.5	101 -9.7	98 -0.3	94 28.3	89 -12	97 11	109 1.55	114 2.31	89 -0.95
THM 260004	6020552722		ZEF 220262				118 57	88 36	94 31	109 27	107 22	100 32	89 37			89 22	92 13	119 -1.02	105 -2.2	89 7	88 8.7	94 1.8	89 46	88 14.5	90 42	95 23	93 -25	92 -0.1	110 18.5	113 -16.3	116 -3.4	78 18.8	95 -7	94 9	94 0.12	89 -1.73	100 -0.05
THM 260005	6020552730		NFS 210181				98 59	99 37	98 36	103 37	98 26	95 36	96 40	86 30	91 35	86 30	97 19	98 1.22	98 -1.3	95 15	99 14.2	98 3.0	99 72	95 20.7	89 37	87 4	78 -1	96 0.1	90 7.1	99 -8.3	112 -2.6	80 19.9	92 -9	85 1	99 0.57	96 -0.63	93 -0.65
THM 260009	6020552771		AG 200583				94 60	94 37	99 35	103 36	101 24	91 35	89 40	88 20	88 32	91 21	94 15	94 1.56	94 -0.8	96 16	94 11.9	99 3.5	96 64	91 17.0	90 42	95 23	84 -10	96 0.1	94 9.3	93 -4.8	119 -3.9	83 21.6	92 -10	90 5	90 -0.31	97 -0.41	103 0.22
THM 260010	6020676976	2	JHL 210026 AG 220434				99 66	100 53	116 39	118 38	100 29	112 43	113 51	87 38	107 42	99 38	86 5	95 1.45	98 -1.4	84 -2	100 14.9	116 8.5	125 133	92 17.9	91 45	86 3	103 -42	111 0.9	110 19.0	99 -8.3	103 -1.1	98 30.8	86 -14	94 8	105 1.16	114 2.23	104 0.24
THM 260012	6020551005	1	AJF 190423 ZEF 150130				105 72	121 63	100 61	93 58	111 43	129 55	127 63	119 47	129 53	126 56	113 40	101 0.92	117 -3.9	106 30	121 26.3	100 3.7	116 113	124 46.0	120 153	113 68	122 -72	90 -0.2	125 27.4	118 -19.4	97 0.0	111 38.6	98 -5	118 30	104 1.13	130 4.83	111 0.85
THM 260013	6020551013	3	CEF 190341 LAR 170367				95 71	111 62	95 56	117 57	116 42	121 54	115 62	102 52	118 54	98 52	90 9	98 1.22	81 0.9	85 0	111 21.1	95 2.2	116 113	108 32.6	103 90	96 27	102 -40	95 0.0	99 11.9	133 -27.7	96 0.1	112 38.8	101 -2	100 14	102 0.93	72 -4.35	107 0.56
THM 260014	6020551021	2	CEF 190341 NFS 210345				120 69	96 61	97 53	130 55	108 39	118 52	111 60	89 52	113 52	89 51	78 -6	116 -0.70	109 -2.7	75 -15	96 12.8	97 2.9	110 96	96 21.3	89 36	108 55	95 -28	103 0.5	89 6.1	119 -20.1	95 0.4	111 38.6	99 -4	94 8	84 -0.88	86 -2.10	119 1.54
THM 260019	6020551062	1	CEF 190341 NFS 180239				95 71	111 62	101 56	104 57	114 42	117 54	113 62	100 52	114 54	99 52	95 16	92 1.77	100 -1.6	94 13	111 20.7	101 3.9	114 108	111 34.4	100 81	105 49	100 -37	100 0.3	88 5.9	121 -21.1	104 -1.3	108 36.6	103 -1	101 15	91 -0.21	96 -0.65	89 -0.98

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID	Inbreeding % Animal no	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
Sire ID Dam ID																																		
THM 260020	2	JHL 210026		92	108	124	100	114	124	120	90	118	103	100	88	108	96	108	124	131	99	95	93	112	124	99	100	119	107	97	105	103	135	87
6020551070		NFS 180237		68	59	48	46	34	48	57	48	48	46	24	2.26	-2.7	17	19.3	11.0	147	24.3	60	18	-57	1.6	12.5	-9.1	-3.9	36.0	-5	18	0.95	5.57	-1.17
														44	74	55	46	59	48	51	49	48	23	44	54	53	35	22	45	52	49	44	48	45
THM 260021		NBON160063		106	91	103	97	117	102	89	75	95	79	102	107	101	101	91	103	94	89	81	104	83	96	90	113	133	74	97	89	78	87	100
6020551088				59	36	35	35	21	34	39	20	31	16	26	0.25	-1.7	23	10.3	4.7	59	15.5	6	45	-9	0.1	6.9	-16.5	-6.4	16.2	-6	4	-1.50	-2.02	-0.06
														33	66	45	35	36	35	35	35	22	9	17	27	26	18	13	32	25	22	15	17	15
THM 260024	1	JHL 210026		104	106	107	104	108	116	113	84	110	101	97	101	106	94	106	107	115	97	88	88	101	120	103	102	112	98	89	98	107	116	88
6020676984		ZEF 220067		66	56	38	37	28	44	52	41	43	41	20	0.92	-2.4	13	18.2	5.7	110	22.0	34	6	-38	1.4	14.8	-10.3	-2.7	30.9	-11	11	1.35	2.54	-1.09
														34	73	50	37	56	38	44	48	43	12	36	50	48	30	15	40	47	44	39	43	39
THM 260025	2	CEF 190341		104	106	99	111	109	115	112	92	111	87	87	99	106	88	106	99	112	103	92	96	96	97	102	114	104	106	98	87	84	80	87
6020551112		NFS 180044		71	62	56	56	40	53	61	53	53	52	7	1.04	-2.4	5	18.2	3.4	102	28.0	48	26	-30	0.1	14.1	-16.8	-1.2	35.7	-5	2	-0.96	-3.08	-1.13
														55	75	62	56	62	56	58	58	52	38	52	57	56	46	24	50	55	52	51	54	51
THM 260026	1	JHL 210026		84	124	105	96	113	124	127	91	119	106	106	79	104	103	124	105	125	111	95	90	111	110	102	104	114	104	97	108	117	110	68
6020551120		ZEF 200090		67	57	44	45	30	46	55	42	45	41	31	3.20	-2.2	26	27.6	5.3	133	34.8	59	12	-54	0.9	13.8	-11.6	-3.0	34.2	-5	21	2.43	1.70	-2.77
														42	73	54	45	57	44	49	50	43	13	38	51	49	31	17	41	48	44	39	43	40
THM 260028		NFS 180222		93	100	106	93	107	99	95	87	96	92	107	97	93	106	100	106	102	98	90	97	82	95	87	101	121	82	102	97	95	91	104
6020551146				60	37	37	37	23	35	40	24	33	23	32	1.33	-0.6	31	15.0	5.5	77	23.4	43	27	-6	0.1	5.1	-9.6	-4.4	21.0	-1	11	0.17	-1.31	0.27
														37	66	47	37	37	37	37	29	24	7	23	29	28	24	15	30	27	24	22	24	22
THM 260029	2	CEF 190341		123	99	97	120	117	125	112	102	121	96	82	122	111	83	99	97	107	103	100	106	96	107	93	131	100	109	95	91	87	79	105
6020551153		AJF 220410		69	58	52	55	39	51	58	52	51	52	0	-1.28	-3.0	-3	14.6	2.7	89	27.5	80	50	-31	0.7	8.7	-27.1	-0.6	37.4	-7	6	-0.59	-3.19	0.34
														53	74	60	55	58	52	55	56	51	36	50	55	55	45	23	48	54	52	51	53	51
THM 260030	2	CEF 190341		119	104	94	109	119	123	111	104	121	103	92	114	118	90	104	94	104	106	101	106	105	97	97	131	105	105	89	94	99	99	109
6020551161		NFS 200066		71	61	55	56	42	53	61	52	53	52	13	-0.48	-4.0	7	16.9	1.9	83	30.6	84	50	-44	0.1	10.8	-27.0	-1.5	35.1	-12	9	0.59	-0.12	0.68
														55	75	62	56	61	55	57	58	52	42	50	56	56	48	28	51	55	52	51	53	51
THM 260032		NBON180050		119	87	106	99	110	103	90			91	100	118	112	99	87	106	93	84	88	78	76	93	93	114	122	75	97	93	85	98	104
6020551187				59	35	32	34	21	33	38			20	-0.85	-3.2	20	7.9	5.6	57	10.8	33	-17	2	-0.1	8.8	-16.8	-4.4	16.9	-6	7	-0.81	-0.31	0.32	
														32	66	45	34	35	32	34	35	20	9	16	25	24	21	11	30	23	21	18	21	18
THM 260033		ZEF 160171		125	83	97	109	96	92	86	86	89	87	90	121	117	90	83	97	86	84	92	90	85	100	96	98	110	77	102	93	80	100	92
6020551195				61	40	41	38	26	38	43	24	35	26	10	-1.25	-3.9	7	5.7	2.7	39	11.0	48	12	-13	0.3	10.4	-8.0	-2.3	18.2	-2	8	-1.32	0.04	-0.71
														39	67	48	38	40	41	40	38	28	10	19	32	31	28	17	34	31	28	25	27	25
THM 260035		ZEF 220023		86	103	95	104	123	106	96	86	101	89	94	89	81	94	103	95	102	101	91	91	85	94	100	127	129	82	94	89	83	102	107
6020711906				59	37	35	36	23	35	40	24	33	24	16	2.12	0.9	13	16.7	2.1	78	26.0	45	15	-12	0.0	12.6	-24.4	-5.6	21.1	-8	4	-0.97	0.32	0.51
														34	66	45	36	37	35	36	30	24	14	22	27	26	26	15	29	26	24	23	24	23

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
OLI 140292 80378300	1	DAJ 110069 BBN 100196		92 80	93 78	88 81	126 77	69 52	73 68	91 79	90 48	73 64	87 54	73 -14 72	88 2.21 81	93 -0.6 78	79 -9 77	93 11.4 78	88 0.0 81	94 59 79	94 19.7 72	89 38 60	92 16 28	64 23 35	116 1.2 66	83 2.4 65	82 1.4 55	67 5.2 34	101 32.2 67	83 -17 64	77 -7 60	77 -1.66 51	80 -3.17 56	126 2.14 51
ZEF 140157 80370364	1	FCT 120014 VV 110336		82 81	123 79	97 83	80 77	75 50	93 68	117 80	117 38	97 62	119 44	129 62 78	81 2.92 82	103 -2.0 79	124 57 77	123 27.4 79	97 2.7 83	106 87 80	121 44.0 78	120 155 49	114 69 12	117 -65 23	94 0.0 57	104 15.0 56	85 -0.4 53	77 3.5 30	98 30.8 67	127 18 55	130 40 50	105 1.16 43	105 0.77 44	88 -1.11 40
NBON150030 82130113	13	NBON110038 NBON120015		94 76	94 71	91 65	106 66	86 45	79 60	86 70	99 26	80 53	93 23	97 19 65	94 1.55 78	91 -0.4 71	93 11 66	94 11.8 71	91 1.0 65	90 50 67	96 21.9 70	101 82 29	111 62 18	103 -42 22	108 0.8 34	100 12.8 33	91 -4.0 44	93 0.6 26	88 24.8 64	110 5 32	97 11 30	84 -0.93 22	101 0.14 24	101 0.06 22
NBON150032 82130121	1	NBON110038 NBON120003		101 75	90 73	88 71	95 69	95 44	78 62	78 72	89 42	77 58	84 38	105 30 65	98 1.15 77	108 -2.7 71	105 29 69	90 9.6 73	88 0.2 39	79 22 71	91 17.2 73	88 34 39	110 60 16	102 -39 39	99 0.3 51	91 7.1 48	101 -9.4 44	102 -0.9 25	89 25.2 63	111 5 46	88 3 40	75 -1.81 34	91 -1.35 41	102 0.13 35
ZEF 150130 82617085	2	VV 120139 ZEF 130130		108 83	121 80	100 83	93 78	126 56	138 70	126 81	132 58	140 68	131 59	118 47 78	110 -0.06 83	104 -2.1 81	107 32 78	121 26.3 80	100 3.7 83	116 111 80	129 50.4 78	131 197 60	135 120 36	131 -87 54	79 -0.8 68	147 41.0 66	132 -27.5 60	104 -1.3 38	117 42.0 69	107 2 65	122 33 61	102 0.90 57	123 3.71 61	114 1.09 57
NBON160063 85496982		NCM 110009 TBR 060002		101 76	104 73	109 70	87 71	122 41	116 61	103 73	85 40	110 57	85 32	112 40 65	102 0.78 78	103 -2.0 72	113 41 71	104 17.2 73	109 6.3 70	104 84 71	102 26.6 70	91 45 44	117 76 18	102 -40 33	101 0.4 54	97 11.1 52	112 -16.0 35	130 -5.8 26	95 28.7 63	104 0 50	98 12 45	84 -0.94 30	88 -1.92 35	99 -0.17 30
ZEF 160022 83607333	1	VV 120274 WAT 130055		123 80	83 79	99 82	115 77	119 52	107 68	89 79	89 44	103 63	91 52	84 2 77	121 -1.17 81	129 -5.5 78	86 1 77	83 6.1 79	99 3.3 82	90 50 79	88 13.9 68	91 47 56	97 28 21	97 -31 29	95 0.1 65	103 14.4 63	116 -18.2 55	115 -3.2 34	106 35.3 68	97 -5 61	95 10 57	93 -0.03 49	112 2.02 55	85 -1.31 50
ZEF 160121 84620632		HCO 090103 ZEF 070020		89 79	101 76	96 80	103 76	82 49	83 66	95 77	95 52	83 63	96 57	108 35 77	87 2.30 80	94 -0.8 77	95 15 76	101 15.6 76	96 2.4 80	100 73 77	99 23.8 71	97 69 56	91 14 29	113 -58 45	116 1.2 67	109 18.3 64	90 -3.4 49	84 2.3 33	96 29.3 65	103 -1 63	98 12 57	97 0.39 55	114 2.21 59	90 -0.90 54
ZEF 160171 84613249	2	VV 120274 FCT 110122		123 81	92 79	97 82	108 77	81 52	92 68	97 80	109 48	95 64	102 52	89 8 77	121 -1.17 82	131 -5.7 79	90 8 77	92 10.4 79	97 2.8 82	94 59 79	95 20.9 78	113 130 56	89 10 19	105 -45 38	109 0.8 65	109 18.2 63	82 1.1 55	83 2.4 34	101 32.7 67	115 9 61	107 20 56	87 -0.57 49	114 2.21 55	84 -1.45 49
AG 170247 85910552	1	AG 110301 AG 130383		113 79	85 73	119 70	126 73	78 49	97 63	102 73	104 36	97 58	100 29	81 -2 74	113 -0.36 80	97 -1.2 75	77 -12 73	85 6.9 73	119 9.6 70	117 115 72	91 17.0 74	105 97 43	88 6 21	105 -45 27	126 1.8 50	112 19.7 48	85 -0.6 52	76 3.7 32	106 35.5 63	107 2 47	103 17 43	97 0.35 28	109 1.42 30	95 -0.49 28
LAR 170367 86116993	3	LAR 140200 LAR 110338		72 80	125 77	86 78	104 77	108 53	109 67	115 78	114 57	111 65	110 55	101 25 71	73 3.83 81	62 3.5 78	95 15 77	125 28.2 77	86 -0.6 78	114 108 77	118 40.9 76	116 142 61	88 6 34	112 -56 50	94 0.0 69	109 18.2 67	116 -18.3 58	92 0.8 35	113 39.9 66	106 2 66	111 24 62	126 3.25 53	81 -2.94 57	120 1.66 54
VV 170030 85274710	2	V 120268 VV 060425		77 82	111 81	81 83	82 78	139 56	104 70	91 81	107 49	105 66	105 56	122 53 77	73 3.75 83	92 -0.5 80	122 54 78	111 21.1 81	81 -2.0 83	85 37 81	115 38.7 76	110 116 61	120 84 27	108 -51 35	108 0.7 67	92 8.0 66	124 -23.1 61	132 -6.2 37	117 42.0 70	94 -8 65	108 21 61	121 2.81 54	120 3.26 59	96 -0.38 52

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	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
Animal no	%	Parentage	EBV Acc																															
AJF 180439	2	AEJ 150016		102	96	104	100	115	106	96	96	104	93	96	103	99	98	96	104	101	98	92	90	85	103	78	118	108	107	90	90	93	88	116
87846945		AJF 130488		79	77	76	73	50	66	77	52	63	58	18	0.67	-1.4	19	12.9	5.0	76	23.0	48	11	-13	0.5	-0.1	-19.6	-2.0	36.0	-11	5	0.00	-1.82	1.31
														69	80	76	73	77	76	75	74	57	22	-42	66	64	54	33	62	63	58	55	60	55
CRV 180124	1	CRV 140295		119	93	68	99	111	91	79	98	91	85	99	121	106	101	93	68	66	94	98	111	96	100	105	106	113	105	92	89	100	86	124
86870037		GSG 080011		79	78	79	77	50	67	78	46	63	54	22	-1.23	-2.4	23	11.5	-6.0	-8	19.7	73	63	-30	0.3	15.7	-12.5	-2.8	35.1	-10	4	0.73	-2.12	1.98
														52	80	77	77	78	79	78	74	55	18	34	65	63	54	32	63	61	56	51	56	51
CRV 180160	1	HP 120237		102	103	100	100	78	92	103	94	91	97	105	103	99	98	103	100	104	98	97	90	98	126	97	90	82	89	85	94	97	103	59
86959087		HJS 090314		80	77	77	76	55	67	77	48	63	60	30	0.64	-1.4	19	16.7	3.7	83	23.4	70	11	-33	1.8	10.9	-3.3	2.6	25.2	-15	9	0.42	0.52	-3.48
														51	81	78	76	77	77	77	74	61	27	30	70	68	58	40	67	66	62	57	62	57
CRV 180168	6	AG 140046		93	113	85	95	101	100	104	112	102	105	102	92	100	104	113	85	97	109	111	86	102	84	101	102	101	100	104	103	103	93	99
86959160		MGH 130104		79	77	78	76	50	66	77	32	59	34	26	1.84	-1.5	29	21.9	-0.8	67	32.6	119	2	-39	-0.6	13.4	-10.1	-0.7	32.1	0	16	0.98	-1.11	-0.18
														55	80	77	76	77	78	77	73	41	28	21	47	46	54	34	62	45	41	33	36	33
CRV 180187	1	CRV 160059		96	101	95	105	105	100	98	101	99	96	97	96	95	94	101	95	100	104	99	96	100	139	85	109	106	99	104	95	89	120	98
87020830		CRV 130283		79	76	77	74	47	65	76	38	60	45	20	1.38	-0.9	13	15.7	2.1	74	28.5	74	25	-36	2.5	3.8	-14.1	-1.6	31.0	0	9	-0.43	3.15	-0.23
														35	80	76	74	76	77	76	72	50	23	22	60	58	51	30	60	56	51	42	48	43
CRV 180236	1	HP 150013		97	108	93	114	105	110	110	114	111	114	86	95	95	86	108	93	110	106	118	88	107	100	98	109	103	100	113	111	111	110	126
87315206		CRV 160079		78	74	72	74	50	64	74	48	61	60	4	1.52	-0.9	2	19.4	1.5	97	30.5	148	7	-48	0.3	11.7	-14.3	-1.1	31.9	7	23	1.80	1.56	2.12
														43	80	75	74	74	72	73	72	59	26	33	68	66	53	33	63	65	60	57	63	58
CRV 180249	3	AG 130109		107	108	105	93	74	98	112	110	100	98	107	104	112	106	108	105	109	113	117	129	107	75	113	73	86	95	95	104	91	79	70
87423448		CRV 150233		76	74	73	73	47	63	74	46	60	52	32	0.51	-3.2	30	19.3	5.3	94	36.6	145	107	-49	-1.1	20.8	6.1	1.8	29.0	-7	18	-0.26	-3.33	-2.61
														46	78	74	73	74	73	73	70	49	29	39	60	57	49	33	58	56	50	49	54	49
CRV 180322	1	HP 150013		83	113	134	104	94	120	129	121	122	116	95	81	89	92	113	134	148	114	127	125	124	114	115	97	94	103	130	127	119	95	133
87756821		CRV 150412		78	75	75	75	50	65	75	46	61	52	17	2.94	-0.1	11	21.9	14.3	189	37.4	181	95	-76	1.1	22.0	-7.2	0.6	33.9	21	37	2.56	-0.80	2.70
														41	79	75	75	75	75	75	72	52	21	36	58	57	54	34	62	56	53	51	54	51
CRV 180370	2	CRV 140308		106	94	105	111	94	98	99	89	95	89	91	104	121	88	94	105	105	93	92	106	100	89	118	96	100	93	93	88	107	113	111
87757209		CRV 160048		76	71	69	70	45	61	71	40	57	49	11	0.52	-4.5	4	11.5	5.1	85	19.1	49	49	-37	-0.3	23.6	-7.1	-0.5	27.9	-9	3	1.34	2.12	0.85
														34	78	72	70	71	69	70	69	48	22	29	57	55	47	28	59	53	49	47	51	47
CRV 180380	1	LAR 140064		101	95	96	104	115	101	91	101	101	93	90	104	93	94	95	96	95	94	104	95	104	97	104	119	105	110	82	82	120	108	98
87792107		HP 130022		79	76	76	77	53	66	77	58	64	56	10	0.60	-0.7	14	12.3	2.5	61	19.5	96	24	-44	0.2	15.0	-20.2	-1.4	37.8	-18	-3	2.67	1.38	-0.18
														59	80	77	77	76	76	76	74	61	39	53	68	66	59	36	64	65	61	55	58	53
CRV 180382	2	CRV 150087		86	112	104	101	109	111	111	89	106	95	101	85	91	97	112	104	116	107	84	79	85	104	99	99	113	107	105	97	105	67	109
87792123		CRV 140369		77	76	75	75	47	65	76	50	62	54	25	2.51	-0.4	18	21.2	4.8	112	31.2	19	-15	-12	0.5	12.4	-8.6	-2.9	35.8	1	11	1.15	-5.09	0.74
														40	79	75	75	76	75	75	72	56	23	41	67	64	49	31	60	63	57	52	57	52
CRV 180394	2	CRV 140295		96	109	94	110	110	111	110	107	111	99	92	91	101	89	109	94	109	107	113	100	109	107	108	104	111	105	105	106	111	86	117
87792248		CRV 130330		74	69	76	76	47	62	72	46	59	48	13	1.87	-1.7	6	19.6	1.8	96	31.5	127	35	-51	0.7	17.8	-11.5	-2.4	35.0	1	19	1.76	-2.23	1.35
														46	74	74	76	69	76	74	60	52	24	38	56	56	48	30	63	55	52	47	50	48

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	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
GZV 180362 87801361	1	LAR 100031 GZV 140019		84 75	121 74	124 71	87 74	79 51	110 64	128 74	114 43	111 60	113 40	108 35	83 2.80	99 -1.5	112 40	121 26.0	124 11.0	131 148	118 41.0	113 129	91 14	113 -58	103 0.5	107 16.7	88 -2.2	74 4.1	107 36.0	103 -1	123 34	135 4.18	85 -2.25	84 -1.42
JOY 180227 88184957	2	GCD 140143 JOY 150140		81 77	120 75	116 74	91 75	88 51	109 65	122 75	104 32	108 58	105 24	112 40	82 2.83	90 -0.2	107 33	120 25.5	116 8.5	127 138	119 42.2	109 114	105 48	112 -57	107 0.7	96 10.4	79 3.0	92 0.8	109 37.1	109 4	116 28	106 1.31	95 -0.72	91 -0.78
NBON180028 87348207		NBON140098		92 62	93 61	109 56	109 64	103 23	95 49	93 61	88 30	92 45	94 28	91 12	94 1.61	85 0.4	90 7	93 10.9	109 6.4	107 89	90 16.3	92 49	97 29	88 -18	93 -0.1	90 6.7	102 -10.2	116 -3.4	80 20.1	106 2	98 12	94 0.12	94 -0.82	126 2.17
NBON180050 87943544	1	AG 140458 NBON150142		109 75	104 70	116 63	90 69	109 42	118 59	112 69	99 38	115 55	110 38	109 36	105 0.47	116 -3.8	108 34	104 17.0	116 8.6	112 102	98 23.1	105 100	65 -48	88 -17	95 0.0	104 15.1	113 -16.6	107 -1.9	97 30.0	105 1	106 19	98 0.45	109 1.52	108 0.61
NFS 180044 87237079	2	NFS 150077 NFS 080228		102 80	103 77	91 78	97 75	94 49	95 66	98 77	93 60	93 65	87 58	97 20	99 1.11	119 -4.1	102 24	103 16.7	91 1.0	95 60	100 24.6	94 57	87 3	101 -39	99 0.3	116 22.6	78 3.4	107 -1.9	103 33.6	99 -4	85 0	88 -0.52	97 -0.39	80 -1.71
NFS 180177 87237988	1	CEF 110301 NFS 080181		99 80	106 78	80 80	95 78	104 55	95 68	94 79	109 68	97 68	95 66	95 17	99 1.08	101 -1.7	105 30	106 18.4	80 -2.6	86 40	106 30.5	113 129	78 -18	129 -84	111 0.9	101 13.3	101 -9.4	105 -1.4	103 33.7	110 5	107 20	98 0.47	82 -2.75	88 -1.09
NFS 180222 87292330	1	NFS 150260 JJ 080101		78 78	121 74	113 75	79 73	102 45	111 64	119 75	110 49	111 61	111 46	122 53	83 2.72	90 -0.3	123 73	121 25.9	113 7.8	116 112	119 41.7	111 119	102 40	98 -33	99 0.2	91 7.6	88 -2.0	107 -1.7	111 38.2	116 10	114 26	117 2.41	97 -0.49	106 0.49
NFS 180237 88014584	1	MCU 130126 NFS 120189		100 81	104 79	126 79	93 76	136 54	133 68	114 79	103 62	129 67	107 60	108 34	97 1.24	120 -4.3	105 29	104 16.8	126 11.6	122 126	104 28.6	108 109	106 51	118 -67	131 2.0	93 8.5	108 -13.9	135 -6.8	127 47.9	115 9	117 29	97 0.37	141 6.51	83 -1.52
NFS 180239 88014600	1	MCU 130126 NFS 160115		94 78	110 77	94 78	88 77	104 54	102 67	103 77	109 57	103 65	112 56	112 39	90 2.05	110 -3.0	114 42	110 20.5	94 1.9	98 67	112 35.8	112 124	105 49	109 -52	105 0.6	89 6.1	93 -5.2	109 -2.1	106 35.5	110 5	114 26	103 0.98	128 4.46	84 -1.41
THE 180210 87924148	1	THE 140134 THE 050023		74 79	109 76	81 75	94 73	95 50	81 65	89 76	107 50	84 62	99 39	102 26	78 3.30	78 1.3	106 31	109 20.0	81 -2.0	90 49	107 31.2	111 120	103 44	124 -76	100 0.4	96 10.2	98 -8.0	97 0.0	103 33.9	117 63	110 58	114 37	111 41	90 -0.91
ZEF 180192 87824140	1	AG 140108 VV 150001		118 79	93 77	109 77	103 73	102 47	107 65	101 77	111 39	108 60	98 38	91 12	117 -0.84	135 -6.3	95 14	93 11.4	109 6.4	104 83	98 22.9	110 118	95 24	113 -57	111 0.9	97 10.7	96 -6.6	99 -0.3	114 40.3	103 -1	100 14	115 2.16	88 -1.87	55 -3.89
AG 190872 89638753	2	RHJ 150002 AG 110352		101 79	105 62	97 60	108 58	111 45	112 56	107 64	93 38	108 52	103 38	86 5	99 1.08	118 -4.0	90 8	105 17.4	97 2.8	107 91	100 24.7	102 87	115 72	114 -60	93 -0.1	118 23.8	108 -13.7	112 -2.7	100 31.6	102 -1	108 21	114 2.10	97 -0.49	124 1.96

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	
NFS 190213 88798368		HDT 160077 RB 160038			106 76	111 74	97 73	87 73	109 43	112 63	109 74	111 61	113 63	119 59	105 30	104 0.53	113 -3.4	115 71	111 44	97 20.7	100 2.8	109 72	106 61	87 58	103 4	140 -42	2.5 69	82 1.9	111 -15.6	104 -1.2	104 34.3	131 21	120 32	94 0.06	124 3.81	109 0.68
AG 200583 91038711	4	AG 140046 AG 130243			92 75	103 73	99 70	97 72	92 49	92 63	99 73	112 41	95 59	110 42	97 20	91 1.94	99 -1.4	102 72	103 73	99 70	101 72	100 68	110 47	99 31	102 32	100 55	106 16.1	71 7.5	101 -0.8	113 39.5	95 -7	100 14	108 1.44	108 1.31	105 0.40	
AG 200620 91039032	2	AG 160386 AG 170459			117 76	100 64	114 65	118 69	109 39	125 57	118 67	86 46	118 55	97 44	83 1	113 -0.40	113 -3.3	84 -1	100 14.7	114 8.0	122 127	94 19.5	87 32	84 -2	82 -7	120 1.5	98 11.3	100 -9.3	107 -1.7	112 39.1	87 -14	86 1	89 -0.41	133 5.32	92 -0.72	
HAS 200014 89897821	6	SYF 150155 HAS 170089			119 76	108 72	76 67	118 73	98 49	110 62	111 72	93 50	107 60	96 52	85 3	115 -0.58	113 -3.3	85 71	108 19.2	76 -3.6	95 60	101 25.9	94 58	88 8	80 -3	79 -0.8	95 9.8	102 -10.3	96 0.1	102 33.1	73 -24	83 -2	108 1.53	90 -1.48	89 -0.97	
HT 200301 91919647	2	AG 160455 HT 170085			104 73	105 66	98 67	102 73	94 41	103 58	106 68	104 50	103 56	107 51	87 5	101 0.88	106 -2.4	96 17	105 17.6	98 3.1	105 86	106 30.4	99 75	122 90	106 -47	87 -0.4	94 9.1	97 -7.1	92 0.9	106 35.6	87 -13	98 12	101 0.77	116 2.63	110 0.83	
LAR 200434 91209015	4	LAR 180018 LAR 130085			75 76	122 74	110 69	79 71	94 47	105 63	119 73	128 42	110 59	126 50	132 67	80 3.11	91 -0.3	124 57	122 27.0	110 6.7	115 108	128 50.1	129 187	107 54	116 -63	108 0.8	126 28.6	105 -11.8	81 2.9	113 39.6	109 4	122 33	125 3.19	96 -0.53	104 0.29	
NFS 200004 90289471	1	LAR 150117 ZVJ 130053			119 76	83 75	95 72	121 73	113 48	102 64	87 74	90 54	99 62	81 52	81 -2	121 -1.23	99 -1.4	83 73	83 6.0	95 2.2	88 45	83 9.6	91 45	89 9	86 -14	95 0.1	83 2.9	122 -21.6	104 -1.2	102 33.0	89 -12	80 -4	65 -2.81	98 -0.26	88 -1.09	
NFS 200066 90290032	1	CEF 130317 ZVJ 120105			108 79	108 75	83 74	95 75	114 55	109 66	102 75	118 58	111 64	119 58	107 32	107 0.22	130 -5.6	105 30	108 19.3	83 -1.4	91 51	113 36.4	113 130	107 52	118 -66	98 0.2	105 16.0	114 -17.0	111 -2.5	101 32.5	82 -18	100 14	119 2.57	135 5.53	123 1.92	
NFS 200343 91281329	1	CEF 140311 NFS 180316			104 76	107 75	99 73	95 74	102 48	107 64	107 75	115 56	109 62	106 54	109 36	102 0.77	107 -2.5	104 27	107 18.6	99 3.5	104 82	110 33.9	118 146	91 15	111 -54	133 2.2	113 20.8	108 -13.4	96 0.2	104 34.4	104 0	116 28	107 1.37	115 2.47	93 -0.63	
NFS 200381 91280065	1	AJF 160574 HDT 160083			120 77	98 75	95 72	109 74	87 44	101 63	104 75	102 56	101 62	103 56	81 -2	117 -0.76	114 -3.4	90 7	98 14.1	95 2.2	100 73	97 21.9	108 109	105 48	120 -70	92 -0.1	126 28.3	67 9.9	98 -0.2	113 39.5	110 5	109 22	100 0.72	112 1.95	112 0.92	
ZEF 200090 90543323	1	ZEF 170077 ZEF 180040			83 76	136 72	89 67	85 72	133 43	137 61	132 72	104 44	133 58	114 44	119 49	75 3.56	110 -2.9	117 47	136 34.5	89 0.4	114 108	129 50.9	108 108	101 39	115 -62	103 0.5	97 11.3	117 -18.8	125 -5.1	121 44.3	115 9	123 34	126 3.33	92 -1.21	53 -4.01	
ZEF 200092 91878173	4	ZEF 170077 ZEF 180179			94 74	127 73	80 71	99 72	148 42	145 61	121 73	106 46	141 58	118 49	108 34	92 1.79	100 -1.6	101 23	127 29.3	80 -2.5	107 90	123 45.9	109 114	106 51	109 -52	115 1.2	111 19.6	147 -35.7	140 -7.7	122 45.3	111 5	121 32	126 3.26	115 2.46	53 -4.01	

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	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
Animal no	%	Parentage	EBV Acc																															
AG 210292	1	AG 160862	160002	101	103	112	99	118	119	109	109	118	116	103	97	110	99	103	112	114	109	104	100	93	97	94	116	109	114	102	106	105	112	90
92417724		AG 160002		74	72	59	56	44	58	68	36	54	40	27	1.33	-2.9	20	16.6	7.4	107	33.1	96	35	-25	0.1	9.3	-18.3	-2.2	40.2	-2	19	1.17	1.93	-0.93
NFS 210132	2	LAR 140064	ZVJ 130068	92	105	94	101	99	97	100	107	99	97	92	94	91	97	105	94	101	102	111	90	112	121	105	99	97	105	99	93	116	94	53
92024959		AG 160002		77	75	72	75	52	65	75	63	65	62	12	1.65	-0.4	18	17.8	1.9	76	27.1	120	12	-56	1.5	15.9	-8.6	0.0	34.8	-4	8	2.28	-0.91	-4.01
NFS 210179	2	LAR 140064	OLI 150199	89	99	105	100	94	92	96	103	92	97	98	91	89	98	99	105	105	96	109	86	99	108	105	92	94	102	101	97	125	90	106
92025394		AG 160002		76	73	67	73	51	63	72	58	62	58	20	1.89	-0.1	19	14.5	5.3	85	21.6	113	3	-35	0.8	15.6	-4.7	0.6	33.1	-3	11	3.13	-1.60	0.42
NFS 210181	2	LAR 140064	NFS 140359	117	104	94	98	84	100	106	108	101	100	103	115	114	101	104	94	98	102	107	83	92	100	98	83	87	107	96	91	125	105	85
92025410		AG 160002		76	74	72	75	52	64	74	60	63	60	27	-0.56	-3.4	23	17.0	2.0	69	27.0	107	-6	-23	0.3	11.6	0.6	1.8	36.0	-6	5	3.21	0.87	-1.33
NFS 210234	1	AJF 160574	NFS 100043	85	119	107	82	85	100	116	120	104	121	120	85	100	120	119	107	111	116	127	112	132	97	128	77	90	103	113	133	120	116	106
92879436		AG 160002		76	75	70	73	46	63	74	55	61	54	50	2.49	-1.6	52	25.0	5.7	100	39.1	183	66	-89	0.1	29.4	3.9	1.1	33.4	7	43	2.71	2.57	0.46
NFS 210287	1	NFS 190039	NFS 110006	95	112	75	94	76	81	97	101	83	91	101	95	100	107	112	75	86	107	108	95	103	105	92	66	86	102	93	95	109	95	61
92879881		AG 160002		76	74	67	71	46	62	73	58	61	56	25	1.50	-1.6	33	21.4	-4.0	40	31.4	108	23	-42	0.6	8.1	10.2	1.9	33.1	-9	9	1.60	-0.78	-3.32
NFS 210310	3	NFS 190029	NFS 190143	98	105	89	96	101	97	97	94	95	97	106	98	102	104	105	89	93	102	97	53	99	93	97	99	95	112	90	96	127	98	81
92880152		AG 160002		71	71	65	68	38	58	69	46	56	45	32	1.21	-1.8	27	17.8	0.3	58	26.9	67	-77	-35	-0.1	11.3	-8.8	0.3	38.9	-11	10	3.37	-0.32	-1.65
NFS 210334	1	CEF 160402	NFS 190465	119	107	80	91	120	114	101	122	117	117	106	116	118	110	107	80	85	110	125	107	121	79	109	121	110	109	106	112	113	116	127
92877083		AG 160002		75	73	68	71	46	62	72	52	60	52	31	-0.73	-4.0	36	18.8	-2.4	38	34.2	175	53	-71	-0.8	18.0	-21.3	-2.3	37.1	1	24	2.01	2.56	2.22
NFS 210345	1	GJN 160214	NFS 180172	129	87	89	130	91	100	97	89	96	91	78	125	123	75	87	89	90	87	88	110	99	112	89	90	90	113	102	99	89	110	143
92877182		AG 160002		76	74	69	73	45	62	73	53	60	54	-6	-1.64	-4.7	-15	7.8	0.3	49	13.3	34	61	-35	1.0	6.4	-3.3	1.3	39.4	-1	13	-0.37	1.57	3.62
NFS 210355	2	NFS 190039	NFS 130013	84	112	86	92	78	82	98	115	86	103	103	86	90	109	112	86	95	106	126	94	113	113	107	76	85	99	99	102	115	99	75
92877240		AG 160002		74	74	70	71	45	62	73	58	61	58	27	2.39	-0.3	35	21.3	-0.6	61	30.6	178	21	-58	1.0	17.0	4.7	2.0	31.2	-4	15	2.16	-0.13	-2.16
NFS 210576	7	ABB 160508	NFS 170019	113	100	90	121	91	103	106	98	101	96	84	114	136	83	100	90	101	98	100	101	99	89	101	91	89	109	106	102	81	90	96
92878974		AG 160002		73	71	63	68	44	59	69	50	57	52	1	-0.50	-6.5	-3	15.1	0.7	77	23.4	79	39	-35	-0.3	13.1	-3.9	1.4	37.2	2	15	-1.18	-1.47	-0.43
AG 220434	3	RHJ 150002	AG 170247	102	93	111	124	108	110	105	97	108	100	80	99	94	80	93	111	116	95	100	94	101	106	115	106	103	109	92	96	101	99	116
94193976		AG 160002		74	59	55	55	40	52	60	27	47	26	-4	1.03	-0.8	-8	11.3	7.1	113	20.1	79	21	-38	0.7	21.6	-12.3	-1.1	37.5	-9	10	0.79	-0.16	1.29
														54	76	65	55	59	55	56	58	33	27	19	38	38	43	24	54	36	33	25	27	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	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
AG 220713 94424900	2	GZV 180115 AG 200620		132 69	96 54	88 44	121 44	106 30	116 45	107 53	89 34	111 43	99 30	80 -3 43	128 -1.97 74	129 -5.4 56	83 -3 44	96 13.1 54	88 0.0 44	95 61 47	94 19.6 48	91 45 38	92 15 12	81 -5 26	113 1.0 41	101 13.5 45	96 -6.9 29	110 -2.3 16	107 36.3 46	85 -15 45	89 4 39	84 -0.93 28	129 4.58 32	86 -1.25 28
AJF 220180 93389773	1	MCU 160213 AJF 160001		117 73	103 72	79 62	101 54	131 46	118 58	99 68	104 46	116 56	96 54	99 22 63	114 -0.45 75	117 -3.8 64	98 19 54	103 16.7 72	79 -2.8 62	86 39 63	107 31.5 72	109 113 55	112 65 23	106 -47 34	106 0.6 58	109 18.4 58	116 -18.0 50	135 -6.8 30	105 35.0 57	101 -3 58	97 11 55	78 -1.52 53	105 0.77 56	98 -0.25 53
AJF 220410 94322930	4	AJF 170414 AJF 180439		120 75	102 65	89 65	107 71	109 44	113 58	106 67	113 54	114 57	106 56	87 6 66	117 -0.80 77	114 -3.4 71	92 9 71	102 16.2 65	89 0.4 65	97 67 67	108 32.0 60	111 122 56	107 52 13	101 -39 51	119 1.4 59	98 11.8 58	114 -17.1 50	101 -0.8 26	109 37.0 56	95 -7 58	94 9 56	95 0.21 55	96 -0.62 57	115 1.24 55
BKR 220022 93410421	4	BKR 190154 KRT 130074		119 70	89 70	102 60	114 65	90 38	98 57	97 68	98 32	97 52	97 44	87 5 66	121 -1.18 74	101 -1.7 65	86 1 65	89 9.1 70	102 4.4 60	100 72 65	97 22.0 68	101 82 47	101 39 14	107 -48 13	87 -0.4 54	102 14.3 53	88 -2.3 43	86 2.0 22	112 39.2 50	92 -9 52	100 13 47	95 0.23 42	98 -0.20 46	97 -0.30 42
NFS 220240 93670115	2	NFS 190345 HART180162		91 72	112 70	106 48	102 49	102 38	112 54	115 64	110 44	112 52	106 44	102 26 48	92 1.76 75	89 -0.2 61	96 16 49	112 21.4 70	106 5.5 48	119 119 56	112 35.8 56	107 107 44	114 71 26	107 -48 40	110 0.9 51	106 16.5 49	111 -15.2 39	94 0.5 25	101 32.4 51	99 -4 48	102 16 45	109 1.58 42	100 0.00 46	88 -1.10 42
V 220250 94217288	2	V 180096 V 170105		93 73	115 72	96 63	93 70	97 40	106 59	111 70	94 31	103 53	108 14	111 39 58	94 1.66 76	100 -1.5 69	107 32 70	115 22.9 72	96 2.4 63	106 88 68	109 33.4 70	96 66 47	80 -12 14	93 -25 12	105 0.6 53	107 17.1 52	89 -3.1 41	91 1.0 25	120 44.0 55	110 5 51	103 16 47	112 1.93 13	114 2.28 15	98 -0.20 14
ZEF 220023 93764884	2	CEF 160402 VV 150056		100 75	109 74	88 70	100 71	136 47	122 63	103 73	109 48	120 60	105 48	98 20 69	106 0.39 77	87 0.2 72	99 21 71	109 20.0 74	88 0.0 70	99 70 72	111 35.0 62	111 123 48	92 16 28	105 -45 45	96 0.1 53	116 22.6 52	140 -31.7 52	121 -4.2 30	111 38.5 59	99 -4 51	98 12 49	94 0.13 46	117 2.77 49	112 0.99 47
ZEF 220067 94688017	1	BBM 180016 ZEF 200090		92 72	115 70	95 52	98 51	123 38	120 54	112 65	91 38	115 51	103 42	102 27 51	91 1.97 75	100 -1.6 62	100 22 51	115 22.8 70	95 2.1 52	109 95 58	111 34.4 68	94 57 44	96 26 10	96 -31 28	124 1.7 51	101 13.2 50	113 -16.3 47	121 -4.3 17	110 37.7 50	99 -4 49	103 16 44	105 1.18 40	103 0.46 44	84 -1.37 40
ZEF 220075 94711868	1	BBM 180016 ZEF 200092		95 70	113 70	89 53	102 51	136 37	125 54	109 65	92 38	119 51	106 44	101 25 51	95 1.54 74	97 -1.2 60	97 17 51	113 21.8 70	89 0.4 53	104 84 58	110 33.8 67	95 60 44	97 28 10	93 -25 29	130 2.0 53	108 17.4 51	128 -25.3 47	128 -5.5 16	111 38.3 48	97 -5 50	102 15 45	105 1.20 41	114 2.29 46	87 -1.14 41
ZEF 220245 94740768	1	BBM 150029 ZEF 180192		122 71	95 70	100 56	103 54	88 41	99 56	101 66	102 34	99 52	94 40	93 15 53	118 -0.88 75	125 -5.0 62	95 15 54	95 12.2 70	100 3.6 56	97 67 60	92 18.1 61	103 91 45	82 -7 15	110 -53 19	107 0.7 51	108 17.7 50	88 -2.1 48	90 1.3 22	106 35.3 54	99 -4 49	100 14 46	113 1.95 38	80 -3.09 41	69 -2.66 38
ZEF 220262 94740883	1	BBM 150029 ZEF 170122		117 73	103 71	91 63	109 55	103 44	111 58	107 68	109 38	111 54	106 44	93 14 54	116 -0.73 76	106 -2.4 64	90 7 55	103 16.4 71	91 0.8 63	100 74 63	103 27.7 62	110 117 49	98 32 21	120 -69 25	92 -0.1 54	136 34.5 53	111 -15.4 50	96 0.1 25	103 33.9 57	102 -2 52	109 21 49	116 2.30 42	91 -1.33 45	99 -0.14 42
THM 230003 96501077		NFS 170371 NBON180028		101 66	102 67	93 50	106 52	101 34	101 52	100 62	93 44	98 50	95 44	91 11 49	102 0.80 70	95 -0.9 57	92 11 52	102 16.2 67	93 1.6 50	100 74 56	98 22.9 52	94 55 42	93 19 10	100 -37 43	102 0.4 49	102 13.7 47	98 -8.1 35	113 -2.8 18	87 23.8 49	103 -1 46	101 14 43	100 0.65 42	85 -2.37 45	97 -0.34 42

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	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
Animal no	%	Parentage	EBV Acc																															
THM 230004 95559712	1	BBM 180016 VV 170030		97 72	101 71	87 57	96 53	123 39	102 56	91 66	93 38	99 52	98 46	104 29	93 1.69	107 -2.5	103 27	101 15.3	87 -0.2	88 45	101 26.2	95 60	107 52	93 -25	126 1.8	98 11.5	111 -15.5	123 -4.6	108 36.4	88 -13	94 9	102 0.87	117 2.70	110 0.80
THM 230010 96496492	1	AG 150769 NFS 210234		108 69	106 71	101 54	95 55	76 39	95 55	107 66	112 51	97 54	120 50	103 27	108 0.16	106 -2.3	104 28	106 18.1	101 3.9	104 82	103 27.6	117 145	103 43	119 -68	93 -0.1	113 20.3	69 8.9	82 2.6	106 35.3	98 -5	115 27	108 1.52	143 6.91	110 0.79
THM 230012 96307517	3	VJN 180063 HT 200301		113 67	105 69	87 49	99 48	89 34	99 52	104 62	106 49	99 51	107 48	97 20	108 0.11	120 -4.3	101 23	105 17.9	87 -0.3	94 58	110 34.1	103 92	110 60	96 -30	85 -0.5	103 14.8	88 -2.1	91 1.1	106 35.7	86 -15	98 12	86 -0.73	111 1.79	114 1.09
THM 230016 96501135	1	CEF 180480 NFS 180237		90 73	131 72	105 58	80 57	129 43	139 58	134 68	128 50	140 56	132 54	123 54	89 2.16	125 -4.9	123 57	131 31.7	105 5.2	118 117	132 53.8	128 187	129 107	124 -75	106 0.6	112 20.0	108 -13.8	129 -5.7	115 41.1	117 11	135 45	131 3.75	123 3.66	111 0.90
THM 230018 97632731		NBON180050		103 59	94 35	108 32	99 34	110 21	103 33	95 38			91 20	100 23	102 0.77	104 -2.2	99 20	94 11.9	108 6.0	102 77	90 15.8	88 33	78 -17	76 2	93 -0.1	93 8.8	114 -16.8	122 -4.4	75 16.9	97 -6	93 7	85 -0.81	98 -0.31	104 0.32
THM 230023 96501127	1	CEF 180480 NFS 180222		86 72	131 71	100 56	81 56	113 40	126 56	130 67	124 46	127 54	129 50	120 51	83 2.79	109 -2.7	123 55	131 31.4	100 3.6	115 108	130 51.4	123 167	87 4	105 -45	88 -0.4	105 15.8	100 -9.1	115 -3.2	108 36.7	109 4	124 35	137 4.33	101 0.17	123 1.88
THM 230025 96496484	1	V 170167 OLI 140292		106 70	92 72	83 60	118 58	101 42	91 57	89 68	79 40	87 54	92 40	81 -1	101 0.86	109 -2.8	85 -1	92 10.6	83 -1.5	85 36	94 19.7	83 14	111 62	74 6	106 0.7	89 6.4	106 -12.6	93 0.6	107 36.3	89 -12	86 2	90 -0.28	119 3.09	112 0.92
THM 230028 96501168	1	CEF 180480 AG 170247		112 70	109 71	102 55	102 56	101 42	117 56	116 66	119 44	118 54	120 47	96 19	107 0.28	115 -3.6	96 17	109 19.6	102 4.4	112 103	112 35.5	118 149	79 -14	107 -49	101 0.4	114 20.9	100 -9.1	100 -0.5	103 33.7	103 -1	115 27	123 3.00	107 1.14	117 1.37
CRV 240406 98074362	1	VV 120139 CRV 180187		100 72	120 71	99 62	93 61	108 48	122 59	122 68	132 48	126 57	129 50	116 45	103 0.67	96 -1.1	106 31	120 25.8	99 3.3	114 108	128 49.7	128 185	108 56	130 -85	99 0.3	127 29.0	124 -22.9	95 0.4	100 32.0	113 7	121 33	116 2.23	117 2.70	115 1.21
CRV 240449 98073315	2	WBB 180205 CRV 180124		101 69	103 71	78 54	100 53	101 38	92 55	91 65	90 40	89 52	87 46	99 22	102 0.73	99 -1.4	100 22	103 16.6	78 -3.0	84 35	98 22.9	93 52	100 36	97 -32	105 0.6	110 18.9	107 -13.3	101 -0.8	94 28.4	98 -5	94 8	102 0.90	86 -2.18	103 0.20
CRV 240455 98073364	3	WBB 180205 CRV 180370		97 69	98 69	99 51	110 51	93 36	94 53	99 63	85 38	91 50	87 45	91 11	93 1.67	102 -1.8	89 6	98 14.0	99 3.3	104 82	95 20.3	88 35	98 31	99 -35	100 0.3	116 22.3	104 -11.2	95 0.4	89 25.1	97 -5	92 6	104 1.04	99 -0.05	96 -0.38
NFS 240041 96901434	1	NFS 210130 NFS 210345		135 66	95 67	92 47	109 46	103 32	113 50	104 60	101 44	110 49	101 42	89 9	131 -2.28	126 -5.0	90 7	95 12.2	92 1.2	93 57	92 17.6	100 80	101 37	109 -52	101 0.4	101 13.5	91 -3.9	107 -1.7	111 38.3	105 1	104 17	96 0.24	116 2.57	138 3.15

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	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
NFS 240184 96948153	1	CEF 190341 NFS 210287		101 70	109 70	90 53	109 55	101 40	108 55	109 65	96 52	105 54	88 52	89 8	100 1.00	97 -1.2	90 7	109 19.8	90 0.7	106 88	105 29.8	98 73	100 36	97 -32	100 0.3	90 6.8	108 -13.7	93 0.7	107 35.9	94 -8	91 6	93 0.01	79 -3.27	78 -1.94
NFS 240212 96995170	1	NFS 210119 NFS 210576		107 68	114 69	93 48	104 46	100 32	115 51	117 62	104 50	113 51	108 50	100 23	103 0.66	119 -4.1	95 14	114 22.3	93 1.6	110 97	108 32.1	104 93	89 8	86 -14	85 -0.5	96 10.5	87 -1.7	105 -1.4	111 38.4	98 -5	99 12	94 0.12	111 1.79	85 -1.35
THM 240002 97633135	2	TMB 210335 JOY 180227		96 68	113 70	96 50	101 48	96 36	107 53	112 63	103 44	106 51	98 42	101 25	95 1.55	100 -1.6	98 19	113 21.8	96 2.4	110 97	116 39.3	105 98	96 27	105 -44	100 0.3	90 6.6	101 -9.6	91 1.0	107 36.3	95 -7	105 18	104 1.08	65 -5.41	83 -1.46
THM 240004 97633150	3	TMB 210335 NFS 200066		122 68	107 70	75 50	105 48	109 37	111 53	104 63	111 50	112 52	105 50	96 18	120 -1.07	131 -5.8	94 13	107 18.5	75 -4.0	87 42	109 32.6	108 108	97 27	108 -49	95 0.1	95 9.7	118 -19.3	100 -0.6	104 34.1	82 -17	98 12	111 1.77	85 -2.29	99 -0.11
THM 240005 97633168	2	TMB 210335 NFS 180044		110 69	109 71	80 51	106 48	98 35	104 53	105 64	99 51	102 53	91 50	93 14	106 0.31	121 -4.4	94 13	109 19.5	80 -2.6	94 58	105 29.8	99 75	85 0	100 -36	96 0.1	101 13.5	99 -8.8	99 -0.3	104 34.5	92 -9	92 7	97 0.38	66 -5.25	78 -1.91
THM 240007 97633192	1	TMB 210335 NBON150030		101 67	103 70	82 47	112 44	95 33	95 51	99 62	102 42	95 49	93 42	91 12	98 1.19	102 -1.8	88 4	103 16.7	82 -1.9	94 58	104 28.2	101 84	98 32	100 -37	100 0.3	92 8.1	106 -12.8	92 0.9	98 30.6	96 -6	96 10	94 0.05	68 -4.98	88 -1.03
THM 240016 97632590		AJF 220180		99 58	98 36	90 31	105 27	122 24	104 33	92 37	84 22	99 31	84 28	95 17	98 1.21	99 -1.5	94 13	98 13.9	90 0.6	92 55	98 22.8	90 40	102 40	86 -13	99 0.2	96 10.5	115 -17.5	136 -6.9	83 21.6	95 -7	89 3	75 -1.79	95 -0.68	99 -0.11
THM 240020 98328065	1	HART170276 AJF 180439		95 70	99 72	118 57	89 57	119 42	110 57	99 67	101 42	108 54	100 44	110 37	97 1.31	97 -1.2	110 36	99 14.4	118 9.2	108 94	102 26.6	95 59	105 48	94 -26	102 0.4	95 9.8	114 -17.2	113 -2.9	112 39.3	88 -12	93 8	115 2.22	102 0.42	99 -0.11
THM 240025 98328081	1	NFS 210595 NFS 210132		101 66	110 68	82 46	100 47	104 34	103 51	103 61	119 44	106 50	112 46	98 21	100 0.97	102 -1.8	100 21	110 20.4	82 -1.7	94 60	109 33.3	123 166	101 39	122 -72	108 0.8	111 19.5	107 -13.0	99 -0.4	104 34.5	110 5	114 26	119 2.60	101 0.27	81 -1.66
THM 240026 98328099		AG 200583		110 59	76 62	103 36	115 36	105 25	86 43	76 53	84 20	83 38	82 21	84 2	111 -0.19	94 -0.8	86 1	76 1.9	103 4.7	87 41	80 7.4	86 26	99 34	81 -6	95 0.0	91 7.1	96 -6.5	119 -4.0	89 25.2	86 -14	82 -2	83 -1.06	97 -0.38	103 0.17
THM 240031 98328149	1	NFS 210595 NFS 180237		115 64	103 69	98 49	100 47	123 34	122 51	108 62	116 44	122 50	115 45	101 25	110 -0.09	119 -4.1	98 20	103 16.7	98 3.1	102 78	105 29.6	120 156	110 61	124 -76	113 1.0	104 15.2	113 -16.2	118 -3.8	115 40.7	116 10	124 35	107 1.43	125 3.99	96 -0.42
THM 240314 98329071	5	LAR 200284 LAR 200434		79 66	136 70	106 48	75 47	101 34	122 52	137 62	126 36	125 49	128 36	134 70	66 4.53	96 -1.0	130 67	136 34.3	106 5.5	119 120	136 56.9	125 173	106 50	116 -63	95 0.1	136 34.4	97 -7.6	92 0.9	123 45.7	103 -1	120 32	120 2.71	94 -0.95	94 -0.58

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
			Sire ID Dam ID																															
THM 250001 98781024	4	V	190023 V 220250	111 68	97 71	83 52	106 52	110 36	101 54	94 65	79 32	95 50	91 16	94 15	107 0.27	114 -3.4	93 52	97 71	83 52	87 58	19.2 58	7 48	-12 10	77 2	106 0.6	83 2.5	99 -8.7	103 -1.2	122 45.0	93 -9	85 0	106 1.32	114 2.27	85 -1.35
THM 250009 98854607	1	ABB 190605 NFS 180222		95 68	126 70	103 49	82 44	104 32	123 51	128 63	115 48	123 50	120 47	122 52	97 1.25	102 -1.8	120 52	126 29.0	103 4.7	115 109	118 40.8	126 177	92 16	111 -54	89 -0.3	92 8.1	102 -10.0	99 -0.5	111 38.3	115 9	121 32	112 1.92	107 1.23	103 0.23
THM 250011 98854623	1	ABB 190605 ZEF 180192		121 68	101 71	105 50	101 44	105 33	118 52	112 63	113 45	118 51	107 46	97 19	117 -0.79	121 -4.3	97 17	101 15.7	105 5.3	108 92	100 25.1	122 162	92 17	116 -63	94 0.0	92 7.7	108 -13.9	96 0.1	112 39.2	104 0	107 20	106 1.24	103 0.57	77 -2.01
THM 250012 98781065	1	NFS 210457 VV 170030		94 69	106 70	86 53	91 49	122 37	103 54	94 64	98 47	102 53	99 48	112 40	94 1.56	100 -1.6	110 37	106 18.2	86 -0.6	89 47	105 29.1	100 78	112 64	103 -41	97 0.1	96 10.2	107 -12.8	119 -3.9	115 41.2	85 -15	95 9	115 2.22	107 1.11	90 -0.89
THM 250013 98854631	1	ABB 190605 ZEF 140157		107 69	111 71	99 52	92 46	93 34	107 53	112 64	115 46	109 52	116 46	111 39	107 0.26	106 -2.4	107 32	111 20.7	99 3.5	105 86	108 32.0	126 177	103 42	118 -66	85 -0.5	94 9.3	104 -11.2	85 2.1	105 34.7	114 8	120 31	99 0.61	112 1.89	93 -0.63
THM 250014 98781073	2	NFS 210457 NFS 180044		118 69	97 70	91 51	102 48	99 34	101 53	97 64	90 50	97 52	88 48	96 19	114 -0.46	117 -3.8	96 16	97 13.4	91 0.9	91 52	93 18.9	91 45	96 26	99 -35	92 -0.1	107 17.0	84 0.0	107 -1.7	108 36.9	87 -14	81 -3	97 0.40	95 -0.71	82 -1.57
THM 250015 98854649	1	ABB 190605 NBON160063		88 68	123 70	104 47	85 43	114 31	123 51	122 62	103 46	120 50	106 44	117 47	88 2.18	100 -1.6	116 45	123 27.4	104 5.0	116 111	114 37.2	116 141	99 33	113 -58	90 -0.2	95 10.0	114 -17.2	111 -2.5	103 33.6	110 5	113 25	94 0.13	103 0.53	99 -0.11
THM 250016 98854656	1	ABB 190605 NFS 210234		83 68	128 70	103 47	83 44	95 33	115 51	127 62	120 50	117 51	124 50	120 50	83 2.71	99 -1.5	118 49	128 30.2	103 4.7	118 116	119 42.1	134 209	97 29	127 -81	88 -0.3	110 19.0	97 -7.2	91 1.0	107 35.8	114 8	130 40	114 2.03	117 2.76	103 0.20
THM 250019 98781081	1	NFS 210457 NFS 200381		123 67	93 69	94 49	111 48	96 33	102 52	98 62	94 48	99 51	95 48	86 4	121 -1.26	112 -3.2	88 4	93 11.0	94 2.0	94 60	90 16.5	97 68	106 50	108 -50	89 -0.3	111 19.5	79 2.9	102 -0.9	113 39.8	91 -10	92 7	102 0.90	103 0.47	98 -0.26
THM 250025 98781107	2	NFS 210457 LAR 170367		77 69	119 70	90 51	100 49	105 36	105 53	110 64	102 49	104 52	101 48	104 29	80 3.09	81 1.0	99 46	119 24.9	90 0.7	110 97	110 34.3	104 93	95 23	105 -45	90 -0.2	105 15.7	102 -10.2	99 -0.4	114 40.0	92 -9	98 12	118 2.45	87 -1.99	102 0.13
THM 250027 99009193	1	ABB 190605 ZEF 200090		82 68	138 58	97 46	88 44	120 31	136 47	137 56	111 46	134 47	118 47	115 44	71 3.99	99 -1.4	112 43	138 35.2	97 2.7	124 131	127 48.7	123 165	93 20	118 -67	91 -0.2	94 51	118 -19.4	109 -2.2	116 41.3	112 7	122 33	115 2.14	105 0.88	72 -2.40
THM 250029 99009201	1	ABB 190605 ZEF 160121		80 69	116 71	102 51	98 45	95 34	103 53	113 64	106 48	103 52	107 50	108 35	77 3.41	89 0.0	100 45	116 23.4	102 4.3	116 113	109 32.8	116 142	89 10	117 -65	97 0.2	99 12.0	105 -11.9	88 1.5	104 34.0	105 1	107 20	98 0.48	116 2.60	95 -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	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
			Sire ID Dam ID																															
THM 250030 99009219	1	NFS 210457 JOY 180227		94 68	109 69	105 50	97 48	96 36	105 52	110 63	96 43	103 50	99 40	106 31	95 1.52	97 -1.1	101 24	109 20.0	105 5.2	112 103	106 30.7	99 77	104 46	105 -45	97 0.1	98 11.4	84 0.3	99 -0.4	111 38.6	93 -9	98 12	108 1.47	94 -0.88	88 -1.09
THM 250031 99009227	2	ABB 190605 NFS 210310		106 66	111 70	94 46	95 42	104 30	112 50	110 61	105 47	111 49	109 47	107 33	106 0.35	105 -2.3	104 28	111 20.7	94 1.9	103 80	104 29.0	116 141	70 -36	110 -54	86 -0.5	93 8.5	110 -14.5	94 0.5	111 38.5	99 -4	106 19	114 2.05	108 1.34	90 -0.87
THM 250032 99009235	1	NFS 210457 NBON150030		105 67	90 69	94 47	112 45	96 33	89 51	88 62	92 42	88 49	89 40	92 13	105 0.42	96 -1.1	88 4	90 9.6	94 1.9	92 53	91 16.6	93 52	110 59	99 -35	97 0.1	98 11.4	92 -4.2	100 -0.5	102 33.0	90 -11	85 0	93 -0.02	97 -0.44	92 -0.70
THM 250035 99257610	2	AEJ 220157 NFS 200004		105 53	102 53	100 45	96 45	112 30	109 43	101 50	105 42	109 43	102 40	101 25	105 0.47	105 -2.2	102 25	102 16.0	100 3.7	101 75	101 26.2	108 110	96 27	100 -37	87 -0.4	96 10.4	110 -14.8	109 -2.1	107 36.3	109 4	105 18	92 -0.08	86 -2.15	111 0.84
THM 250037 99416703	1	AEJ 220157 NFS 210287		93 65	117 53	90 43	87 44	94 30	100 44	108 52	110 43	102 44	107 41	111 39	91 1.90	105 -2.3	114 43	117 23.8	90 0.6	99 72	114 37.3	117 142	99 34	108 -50	91 -0.2	100 13.0	82 1.1	100 -0.6	107 36.3	111 6	113 25	114 2.13	84 -2.41	97 -0.28
THM 250039 99416729	1	CRV 200259 CRV 180236		95 67	108 57	91 47	106 46	102 33	104 47	106 55	101 34	103 44	99 46	93 14	92 1.82	100 -1.5	93 12	108 19.4	91 0.9	104 83	103 27.5	103 90	79 -14	93 -25	106 0.6	114 21.4	96 -6.9	102 -0.9	110 38.0	100 -3	99 13	104 1.11	69 -4.87	96 -0.37
THM 250042 99991077	1	NFS 210338 ZEF 220245		124 64	99 51	93 42	94 40	100 31	105 43	101 50	108 35	106 41	104 39	104 29	120 -1.07	125 -4.9	105 30	99 14.5	93 1.7	91 51	97 22.4	114 132	87 4	115 -61	103 0.5	114 21.2	93 -4.9	102 -0.8	108 36.8	108 3	112 24	115 2.18	100 0.04	83 -1.49
THM 250043 99991069	1	NFS 210338 THM 230004		118 63	99 51	86 42	91 40	117 30	106 43	93 50	103 36	105 42	107 40	109 36	114 -0.53	120 -4.2	109 36	99 14.3	86 -0.5	83 32	99 24.2	110 116	99 33	107 -48	112 1.0	109 18.1	104 -11.6	118 -3.8	109 37.4	103 -1	109 22	110 1.64	118 2.93	103 0.24
THM 250046 99991044	2	CRV 220037 CRV 180394		91 65	112 53	102 47	102 46	102 31	110 45	113 53	105 34	109 43	104 40	99 22	88 2.20	98 -1.3	97 17	112 21.3	102 4.4	115 110	109 32.6	111 121	100 37	113 -58	109 0.8	114 21.4	104 -11.1	101 -0.7	103 33.9	114 8	110 23	103 0.95	90 -1.59	107 0.51
THM 250047 99991036	2	NFS 210338 AG 220713		131 64	99 46	87 38	100 37	109 27	113 40	102 46	101 36	111 39	107 37	97 20	127 -1.81	127 -5.2	100 21	99 14.4	87 -0.2	88 45	97 22.6	108 108	91 15	101 -38	106 0.6	111 19.1	97 -7.3	112 -2.6	109 37.3	101 -2	106 19	101 0.74	124 3.87	91 -0.78
THM 250049 6020025513	1	NFS 210457 GZV 180362		101 56	108 57	108 48	95 48	91 35	106 46	112 54	101 45	105 46	102 44	104 28	100 0.98	104 -2.1	103 26	108 19.3	108 6.2	113 104	104 28.8	101 82	98 30	105 -45	94 0.0	103 14.4	89 -2.8	90 1.2	109 37.2	89 -12	101 15	122 2.84	89 -1.64	84 -1.42
THM 250050 99991267	5	CRV 220033 CRV 180382		99 66	99 56	96 46	112 46	99 31	99 46	99 54	81 34	93 44	90 40	90 10	99 1.09	93 -0.6	88 4	99 14.5	96 2.5	103 80	95 20.8	77 -8	85 -1	79 -2	98 0.2	94 9.0	96 -7.0	101 -0.7	104 34.1	96 -6	88 3	110 1.66	90 -1.51	104 0.31

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
THM 250051 99991010	6	AG 200056 CRV 180168				87 68	107 61	95 49	101 44	94 32	94 49	101 58	98 30	93 45	97 24	96 19	86 2.45	93 -0.6	97 18	107 18.7	95 2.2	104 82	103 27.4	95 61	100 36	90 -21	63 -1.7	78 -0.2	95 -6.1	96 0.2	101 32.2	108 3	98 12	97 0.34	91 -1.39	95 -0.45
THM 250052 99990988	1	NFS 210457 LAR 200434				104 67	106 57	100 47	91 47	98 33	103 47	103 55	108 45	104 47	109 46	115 44	106 0.36	102 -1.9	109 35	106 17.9	100 3.8	101 75	107 31.0	109 112	106 50	107 -48	97 0.2	113 20.3	97 -7.6	93 0.6	112 39.0	92 -9	101 14	117 2.35	95 -0.78	94 -0.56
THM 250053 99990996	3	AG 200056 CRV 180187				81 68	105 61	101 49	106 43	96 30	94 48	101 58	92 31	92 45	92 28	94 15	80 3.09	85 0.4	92 10	105 17.6	101 3.9	110 98	103 28.0	89 38	105 47	89 -19	90 -0.2	70 -4.9	98 -8.1	98 -0.3	100 31.7	108 3	94 9	90 -0.36	104 0.74	95 -0.47
THM 250054 99990970	3	AG 200056 CRV 180370				93 67	99 59	105 46	109 42	91 30	95 47	102 56	86 32	92 44	89 30	91 11	88 2.20	101 -1.7	89 6	99 14.5	105 5.3	110 98	97 21.9	86 26	110 60	89 -19	65 -1.6	87 4.9	92 -4.6	95 0.3	97 30.1	102 -1	91 5	98 0.52	101 0.23	101 0.07
THM 250055 99990962	3	WBB 180201 CRV 180160				94 72	115 62	107 59	102 58	106 45	120 55	120 62	117 42	120 52	113 54	106 32	98 1.16	87 0.2	96 16	115 23.0	107 5.8	123 128	114 37.3	119 150	95 24	109 -51	117 1.3	103 14.7	120 -20.3	91 1.0	105 35.1	98 -4	113 25	125 3.14	94 -0.91	91 -0.78
THM 250056 99990954	1	NFS 210457 HAS 200014				112 67	105 56	85 47	110 48	101 34	106 47	105 55	90 47	103 47	94 46	92 12	110 -0.04	107 -2.6	89 6	105 17.5	85 -0.9	97 66	98 23.3	92 47	96 27	88 -17	83 -0.6	97 10.9	96 -6.8	101 -0.7	106 35.7	74 -23	81 -3	108 1.51	92 -1.26	87 -1.19
THM 250057 99991259	2	CRV 220037 CRV 180380				95 66	105 55	103 47	99 46	105 33	105 46	104 54	102 38	104 44	102 42	98 20	96 1.44	95 -0.9	99 21	105 17.4	103 4.7	108 92	101 26.2	107 106	98 31	111 -54	104 0.5	112 20.0	111 -15.5	98 -0.2	106 35.3	103 -1	98 12	107 1.41	101 0.22	98 -0.25
THM 250148 98781123	5	NFS 220001 NFS 220240				108 65	95 52	99 36	109 36	101 28	101 42	97 49	102 32	100 40	96 32	89 9	109 0.02	97 -1.2	89 6	95 12.2	99 3.4	100 74	100 25.1	100 80	106 51	101 -38	96 0.1	101 13.5	107 -13.4	98 -0.2	98 30.7	93 -8	88 3	96 0.24	99 -0.16	101 0.02
THM 260002 6020676950	1	JHL 210026 THM 230016				98 65	117 56	112 40	93 39	110 30	126 44	124 52	102 44	122 44	116 44	108 34	95 1.55	117 -3.9	106 30	117 24.0	112 7.4	122 127	109 33.3	105 99	104 46	115 -62	111 0.9	109 18.2	100 -9.1	116 -3.3	101 32.6	99 -4	114 26	120 2.64	126 4.14	101 0.05
THM 260006 6020552714		AJF 180439				91 59	95 38	103 38	104 36	113 25	98 36	91 41	80 26	93 34	83 28	94 15	91 1.88	89 -0.2	94 13	95 12.2	103 4.5	101 76	93 18.9	81 7	91 13	75 5	97 0.2	81 1.2	116 -18.3	122 -4.5	80 19.8	89 -12	85 0	83 -1.04	87 -1.98	109 0.68
THM 260007 6020552748		NFS 210334				126 58	87 36	88 34	99 35	115 23	100 34	84 39	93 26	98 32	95 26	98 21	126 -1.74	115 -3.6	100 35	87 8.2	88 -0.1	78 20	89 15.5	98 71	99 34	94 -27	85 -0.5	96 10.3	118 -19.2	123 -4.7	81 20.4	97 -5	96 10	93 -0.03	101 0.22	114 1.13
THM 260008 6020552755		NFS 210132				85 59	100 38	98 36	105 38	105 26	94 36	93 41	86 32	90 35	85 32	91 12	86 2.40	85 0.4	93 12	100 14.8	98 3.0	101 76	96 21.0	91 44	91 13	89 -19	107 0.7	94 9.2	107 -12.9	117 -3.5	79 19.3	94 -8	87 2	94 0.10	90 -1.52	77 -2.00

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
THM 260011 6020550999	1	NFS 220335 NFS 200381		125 65	101 51	98 44	105 45	100 29	114 44	109 51	108 42	113 44	110 42	91 11 45	124 -1.55 71	112 -3.2 53	93 11 45	101 15.4 51	98 3.2 44	103 82 47	102 26.4 44	112 124 40	105 47 13	116 -63 42	99 0.3 49	124 27.0 47	88 -2.2 33	100 -0.5 17	117 42.3 38	111 6 45	110 23 40	111 1.76 39	114 2.31 44	107 0.56 40
THM 260015 6020551039	2	JHL 210026 AG 190872		108 68	101 53	108 41	109 39	101 30	113 44	111 51	85 40	107 43	101 40	89 9 36	104 0.55 74	115 -3.6 53	89 6 39	101 15.7 53	108 6.1 41	115 110 44	91 17.4 46	92 49 42	97 29 18	110 -54 36	105 0.6 47	112 20.1 46	100 -9.0 30	107 -1.9 18	93 27.8 43	91 -10 45	100 14 41	111 1.81 38	113 2.07 42	107 0.58 38
THM 260016 6020551047	2	CEF 190341 V 220250		93 69	114 60	102 52	107 54	111 38	120 51	118 59	92 47	115 50	97 44	95 16 50	92 1.78 74	93 -0.6 59	91 9 54	114 22.4 60	102 4.3 52	121 123 55	110 33.8 59	93 52 49	93 18 36	92 -23 43	100 0.3 53	98 11.4 53	119 -20.0 43	95 0.2 23	115 40.9 47	103 -1 52	96 10 50	96 0.27 43	89 -1.74 45	96 -0.38 43
THM 260017 6020551054		NFS 210234		97 59	99 37	102 35	94 37	98 23	94 35	94 40	92 28	92 34	96 28	105 31 36	98 1.14 66	99 -1.4 46	105 29 37	99 14.3 37	102 4.4 35	98 69 36	96 21.8 32	99 75 27	102 40 8	100 -37 27	94 0.0 29	105 16.0 29	96 -6.6 26	113 -2.9 14	78 18.5 30	101 -3 29	107 19 27	96 0.32 27	101 0.22 28	104 0.25 27
THM 260018 6020552763		OLI 140292		95 61	89 39	94 41	119 38	90 26	82 37	86 43	77 24	78 34	80 26	82 -1 36	93 1.70 67	91 -0.4 48	84 -1 38	89 9.2 39	94 1.7 41	92 55 39	88 14.3 36	80 2 30	92 15 14	64 23 18	104 0.5 33	83 2.5 33	98 -7.8 28	102 -0.9 16	77 18.0 34	86 -15 32	78 -6 30	74 -1.87 25	83 -2.65 28	114 1.09 26
THM 260022 6020551096		NFS 200343		99 60	97 37	99 37	102 37	107 24	98 36	94 40	89 28	95 34	89 27	100 24 36	99 1.13 66	98 -1.3 46	96 17 37	97 13.1 37	99 3.5 37	98 69 37	96 21.9 30	94 56 28	91 15 11	89 -18 26	112 1.0 31	98 11.7 30	111 -15.2 27	116 -3.4 15	79 19.1 30	96 -6 30	98 12 28	90 -0.35 26	101 0.17 28	97 -0.30 26
THM 260023 6020551104	2	CEF 190341 AG 200620		112 70	103 58	110 52	124 54	117 37	131 50	121 58	88 49	124 50	92 48	80 -3 54	109 0.06 74	103 -2.0 60	79 -8 54	103 16.6 58	110 6.8 52	126 137 55	100 24.8 56	88 35 49	95 23 36	86 -14 47	108 0.7 54	93 8.5 54	125 -23.1 42	103 -1.1 22	111 38.4 48	91 -10 52	87 2 49	84 -0.90 47	98 -0.22 50	93 -0.64 47
THM 260027 6020551138		NFS 180177		105 60	92 39	89 40	102 39	107 28	92 38	84 42	87 34	89 37	84 34	93 14 39	106 0.39 66	100 -1.5 48	97 18 39	92 10.9 39	89 0.2 40	84 36 39	92 17.4 34	92 48 33	85 -2 18	98 -33 33	101 0.4 37	92 8.0 36	107 -13.3 30	121 -4.2 20	78 18.7 33	99 -4 35	94 8 33	85 -0.80 32	84 -2.44 35	94 -0.52 32
THM 260031 6020551179		JHL 210026 NBON180028		100 65	97 53	114 39	109 42	97 24	104 42	105 51	83 39	99 41	97 38	92 12 39	99 1.13 71	97 -1.2 51	89 5 42	97 13.2 53	114 8.0 39	116 113 45	88 14.1 46	87 30 39	88 7 11	97 -32 36	105 0.6 47	98 11.6 45	97 -7.2 21	109 -2.2 13	84 22.1 39	93 -9 44	95 9 40	101 0.82 36	112 1.90 39	109 0.68 36
THM 260034 6020711336		ZEF 180192		105 60	93 38	105 38	106 37	106 24	101 36	96 41	88 20	97 33	85 19	91 12 37	100 0.97 66	109 -2.8 47	92 10 37	93 11.1 38	105 5.2 38	102 78 38	93 18.4 36	90 42 22	93 20 11	89 -19 16	101 0.4 25	90 6.7 25	105 -11.8 25	118 -3.7 14	84 22.0 32	96 -7 24	90 5 22	94 0.04 18	87 -2.00 20	78 -1.93 18

Selection List on Cow Value

Bulls 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	% Inbreeding	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							Q204X	nt821	F94L	Genomic test	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc											
											★★★★★★																				
1	THM 230015	THM230015	CEF 180480	NBON160063	8	0.7	HH(c)	1	0	0		105	87	123	87	94	84	87	84	128	83	135	79	124	86	103	86	131	80	108	86
2	THM 230019	THM230019		ZEF 200092	0.0		HH(c)	0	0	0		91	86	122	87	110	84	100	84	146	83	148	78	129	86	114	84	145	79	119	86
											★★★★★																				
1	NFS 230140	NFS230140	MBT 180199	NFS 200381	7	1.0		0	0	0		115	70	107	69	93	55	113	55	102	39	116	55	115	65	105	67	115	57	103	66
2	THM 240006	THM240006	TMB 210335	AG 200620	7	2.0						107	67	108	69	95	47	108	46	107	32	115	51	113	62	105	64	114	54	109	62
3	ZEF 200145	ZEF 200145	ZEF 170077	ZEF 180176	7	0.6		0	0	0		86	67	125	68	80	52	95	49	120	37	118	52	116	63	103	48	116	51	108	60
4	ZEF 220208	ZEF 220208	V 170167	ZEF 150130	7	1.5	HH(c)	0	0	0		115	89	105	89	84	88	97	87	121	86	114	81	101	89	101	88	112	82	130	86
											★★★★★																				
1	LAR 200499	LAR200499	LAR 170339	LAR 150062	6	7.2		0	0	0		81	84	118	86	91	64	94	60	101	46	103	66	110	78	101	54	102	64	106	51
2	MDS 200036	MDS 200036	CRV 150223	CRV 130299	8	2.0	HH(c)	0	0	0		78	93	122	93	107	92	84	91	86	90	102	85	118	93	113	90	104	86	124	90
3	NFS 210457	NFS210457	CSW 170184	NFS 160012	8	1.7	HH(c)	0	0	0		118	85	96	87	92	65	105	61	103	47	103	67	97	79	88	79	99	69	92	78
4	SYF 220367	SYF220367	SYF 190045	BDX 180001	8	5.3	HH(c)	0	0	0		125	91	106	91	60	88	103	88	106	86	102	82	94	90	90	87	99	83	110	88
5	THM 230099	230099	NFS 170371	NFS 180044	6	4.8						101	69	114	70	84	57	94	56	96	40	102	55	108	66	105	66	102	57	100	64
6	THM 230242	230242	NFS 170339	NFS 190213	6	0.9						99	67	118	69	88	52	81	51	103	37	106	53	111	63	119	66	109	56	121	64
7	THM 240013	THM240013	TMB 210335	NBON180028	7	0.4						102	65	104	68	89	43	108	44	105	28	105	49	103	60	106	63	105	52	105	61
8	ZEF 220041	ZEF 220041	ZEF 190005	ZEF 160055	7	1.5		0	0	0		102	67	103	68	101	53	86	49	106	35	102	52	98	63	108	42	103	50	109	60
											★★★★																				
1	AG 230104	AG230104	AG 160138	AG 200583	8	6.3	HH(c)	0	0	0		108	89	94	90	107	87	107	87	92	86	98	81	98	89	91	87	95	82	101	86
2	BKR 220228	BKR220228	SYF 150155	BKR 200015	9	4.4	HH(c)	0	0	0		125	91	94	91	74	89	107	89	101	88	95	83	88	90	102	89	95	84	101	90
3	CRV 240344	CRV240344	WBB 180205	CRV 180249	6	3.1		0	0	0		104	69	108	70	94	52	101	52	83	37	98	54	108	64	90	62	95	56	93	62
4	CRV 240474	CRV240474	WBB 180205	CRV 180380	8	1.8						91	70	102	70	94	53	100	53	103	39	95	55	94	65	95	64	93	57	102	62
5	THM 230008	THM230008	VJN 180063	NFS 210132	8	2.4	HH(c)	0	0	0		114	89	105	90	73	87	97	87	98	86	95	81	95	89	120	88	100	82	113	88
											★★★																				

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	CRV 240274	CRV240274	CRV 090338	THE 180210	6	1.5					78	72	112	72	103	60	94	58	56	45	77	58	105	68	91	65	76	59	94	64

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	NFS 180237	NFS180237	MCU 130126	NFS 120189	8	0.9	Pp(c)	0	0	0							
2	THM 230016	THM230016	CEF 180480	NFS 180237	8	0.9											
3	ZEF 150130	ZEF150130	VV 120139	ZEF 130130	7	2.1											
4	ZEF 200090	ZEF 200090	ZEF 170077	ZEF 180040	7	1.5											
5	ZEF 200092	ZEF 200092	ZEF 170077	ZEF 180179	7	3.7											
1	AG 200620	AG200620	AG 160386	AG 170459	6	2.0		0									
2	CRV 180322	CRV180322	HP 150013	CRV 150412	7	1.4											
3	CRV 240406	CRV240406	VV 120139	CRV 180187	7	1.5											
4	THM 230023	THM230023	CEF 180480	NFS 180222	7	1.2											
5	THM 240031	THM240031	NFS 210595	NFS 180237	7	0.8		0	0	0							
6	THM 240314	THM240314	LAR 200284	LAR 200434	7	5.2		0	0	0							
7	ZEF 220023	ZEF 220023	CEF 160402	VV 150056	7	1.7											
8	ZEF 220067	ZEF 220067	BBM 180016	ZEF 200090	7	0.6											
9	ZEF 220075	ZEF 220075	BBM 180016	ZEF 200092	7	0.6											
1	AG 190872	AG190872	RHJ 150002	AG 110352	7	2.0		0									
2	AG 210292	AG210292	AG 160862	AG 160002	7	1.1		0	0	0							
3	AG 220434	AG220434	RHJ 150002	AG 170247	7	2.6											
4	AG 220713	AG220713	GZV 180115	AG 200620	6	2.2											
5	AJF 220180	AJF220180	MCU 160213	AJF 160001	8	1.0	Pp(c)	0	0	0							
6	AJF 220410	AJF220410	AJF 170414	AJF 180439	7	4.5		0	0	0							
7	CRV 180236	CRV180236	HP 150013	CRV 160079	8	1.1		0	0	0							
8	CRV 180382	CRV180382	CRV 150087	CRV 140369	6	1.6											
9	CRV 180394	CRV180394	CRV 140295	CRV 130330	6	2.0											
10	GZV 180362	GZV180362	LAR 100031	GZV 140019	7	1.4											

Selection List on Cow Value

Cows 2 years and older

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											
					Italics: DNA Test																									
										★★★★★																				
11	HAS 200014	HAS200014	SYF 150155	HAS 170089	8	5.7				119	76	108	72	76	67	118	73	98	49	110	62	111	72	93	50	107	60	96	52	
12	NBON160063	NBON160063	NCM 110009	TBR 060002	7	0.4				101	76	104	73	109	70	87	71	122	41	116	61	103	73	85	40	110	57	85	32	
13	NBON180050	NBON180050	AG 140458	NBON150142	8	0.6				109	75	104	70	116	63	90	69	109	42	118	59	112	69	99	38	115	55	110	38	
14	NFS 180222	NFS180222	NFS 150260	JJ 080101	7	0.8		1	0	0	78	78	121	74	113	75	79	73	102	45	111	64	119	75	110	49	111	61	111	46
15	NFS 190213	NFS190213	HDT 160077	RB 160038	7	0.5		0	0	0	106	76	111	74	97	73	87	73	109	43	112	63	109	74	111	61	113	63	119	59
16	NFS 210334	NFS210334	CEF 160402	NFS 190465	8	1.0		0	0	0	119	75	107	73	80	68	91	71	120	46	114	62	101	72	122	52	117	60	117	52
17	NFS 220240	NFS220240	NFS 190345	HART180162	8	1.5		0	0	0	91	72	112	70	106	48	102	49	102	38	112	54	115	64	110	44	112	52	106	44
18	NFS 240041	NFS240041	NFS 210130	NFS 210345	7	1.4		0	0	0	135	66	95	67	92	47	109	46	103	32	113	50	104	60	101	44	110	49	101	42
19	NFS 240212	NFS240212	NFS 210119	NFS 210576		0.9		0	0	0	107	68	114	69	93	48	104	46	100	32	115	51	117	62	104	50	113	51	108	50
20	THM 230028	THM230028	CEF 180480	AG 170247	8	1.4				112	70	109	71	102	55	102	56	101	42	117	56	116	66	119	44	118	54	120	47	
21	THM 240004	THM240004	TMB 210335	NFS 200066	8	2.7				122	68	107	70	75	50	105	48	109	37	111	53	104	63	111	50	112	52	105	50	
22	THM 240020	THM240020	HART170276	AJF 180439		0.9		0	0	0	95	70	99	72	118	57	89	57	119	42	110	57	99	67	101	42	108	54	100	44
23	ZEF 220262	ZEF 220262	BBM 150029	ZEF 170122	7	1.2				117	73	103	71	91	63	109	55	103	44	111	58	107	68	109	38	111	54	106	44	
										★★★★☆																				
1	AJF 180439	AJF180439	AEJ 150016	AJF 130488	8	2.4		0	0	0	102	79	96	77	104	76	100	73	115	50	106	66	96	77	96	52	104	63	93	58
2	CRV 180168	CRV180168	AG 140046	MGH 130104	6	6.5				93	79	113	77	85	78	95	76	101	50	100	66	104	77	112	32	102	59	105	34	
3	CRV 180187	CRV180187	CRV 160059	CRV 130283	7	1.0				96	79	101	76	95	77	105	74	105	47	100	65	98	76	101	38	99	60	96	45	
4	CRV 180380	CRV180380	LAR 140064	HP 130022	7	1.1				101	79	95	76	96	76	104	77	115	53	101	66	91	77	101	58	101	64	93	56	
5	HT 200301	HT200301	AG 160455	HT 170085	6	1.9		0	0	0	104	73	105	66	98	67	102	73	94	41	103	58	106	68	104	50	103	56	107	51
6	JOY 180227	JOY180227	GCD 140143	JOY 150140	7	2.5				81	77	120	75	116	74	91	75	88	51	109	65	122	75	104	32	108	58	105	24	
7	LAR 170367	LAR170367	LAR 140200	LAR 110338	8	3.3				72	80	125	77	86	78	104	77	108	53	109	67	115	78	114	57	111	65	110	55	
8	LAR 200434	LAR200434	LAR 180018	LAR 130085	7	3.6		0	0	0	75	76	122	74	110	69	79	71	94	47	105	63	119	73	128	42	110	59	126	50
9	NFS 180239	NFS180239	MCU 130126	NFS 160115	8	0.9	Pp(c)	0	0	0	94	78	110	77	94	78	88	77	104	54	102	67	103	77	109	57	103	65	112	56
10	NFS 200004	NFS200004	LAR 150117	ZVJ 130053	8	1.3	HH(c)	0	0	0	119	76	83	75	95	72	121	73	113	48	102	64	87	74	90	54	99	62	81	52
11	NFS 200066	NFS200066	CEF 130317	ZVJ 120105	7	1.0		0	0	0	108	79	108	75	83	74	95	75	114	55	109	66	102	75	118	58	111	64	119	58
12	NFS 200343	NFS200343	CEF 140311	NFS 180316	7	1.3	Pp(c)	0	0	0	104	76	107	75	99	73	95	74	102	48	107	64	107	75	115	56	109	62	106	54
13	NFS 200381	NFS200381	AJF 160574	HDT 160083	7	0.7	Pp(c)	0	0	0	120	77	98	75	95	72	109	74	87	44	101	63	104	75	102	56	101	62	103	56
14	NFS 210181	NFS210181	LAR 140064	NFS 140359	8	1.5	HH(c)	0	0	0	117	76	104	74	94	72	98	75	84	52	100	64	106	74	108	60	101	63	100	60

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										
										★★★★☆																				
15	NFS 210234	NFS210234	AJF 160574	NFS 100043	7	0.8	HH(c)	0	0	0	85	76	119	75	107	70	82	73	85	46	100	63	116	74	120	55	104	61	121	54
16	NFS 210345	NFS210345	GJN 160214	NFS 180172	8	1.5	HH(c)	0	0	0	129	76	87	74	89	69	130	73	91	45	100	62	97	73	89	53	96	60	91	54
17	NFS 210576	NFS210576	ABB 160508	NFS 170019	6	7.3		0	0	0	113	73	100	71	90	63	121	68	91	44	103	59	106	69	98	50	101	57	96	52
18	NFS 240184	NFS240184	CEF 190341	NFS 210287	7	1.2		0	0	0	101	70	109	70	90	53	109	55	101	40	108	55	109	65	96	52	105	54	88	52
19	THM 230003	230003	NFS 170371	NBON180028	7	0.5					101	66	102	67	93	50	106	52	101	34	101	52	100	62	93	44	98	50	95	44
20	THM 230004	THM230004	BBM 180016	VV 170030	8	0.7					97	72	101	71	87	57	96	53	123	39	102	56	91	66	93	38	99	52	98	46
21	THM 230018	THM230018		NBON180050		0.0					103	59	94	35	108	32	99	34	110	21	103	33	95	38					91	20
22	THM 240002	THM240002	TMB 210335	JOY 180227	7	1.6					96	68	113	70	96	50	101	48	96	36	107	53	112	63	103	44	106	51	98	42
23	THM 240005	THM240005	TMB 210335	NFS 180044		1.5					110	69	109	71	80	51	106	48	98	35	104	53	105	64	99	51	102	53	91	50
24	THM 240016	THM240016		AJF 220180	7	0.0		0	0	0	99	58	98	36	90	31	105	27	122	24	104	33	92	37	84	22	99	31	84	28
25	THM 240025	THM240025	NFS 210595	NFS 210132	6	1.3		0	0	0	101	66	110	68	82	46	100	47	104	34	103	51	103	61	119	44	106	50	112	46
26	V 220250	V22-250	V 180096	V 170105	8	1.8		0	0	0	93	73	115	72	96	63	93	70	97	40	106	59	111	70	94	31	103	53	108	14
27	VV 170030	VV17-0030	V 120268	VV 060425	7	1.9					77	82	111	81	81	83	82	78	139	56	104	70	91	81	107	49	105	66	105	56
28	ZEF 160022	ZEF 160022	VV 120274	WAT 130055	6	1.4					123	80	83	79	99	82	115	77	119	52	107	68	89	79	89	44	103	63	91	52
29	ZEF 180192	ZEF 180192	AG 140108	VV 150001	8	0.7					118	79	93	77	109	77	103	73	102	47	107	65	101	77	111	39	108	60	98	38
										★★★☆☆																				
1	AG 170247	AG170247	AG 110301	AG 130383	7	1.0		0			113	79	85	73	119	70	126	73	78	49	97	63	102	73	104	36	97	58	100	29
2	AG 200583	AG200583	AG 140046	AG 130243	8	4.4		0	0	0	92	75	103	73	99	70	97	72	92	49	92	63	99	73	112	41	95	59	110	42
3	BKR 220022	BKR220022	BKR 190154	KRT 130074	8	4.0					119	70	89	70	102	60	114	65	90	38	98	57	97	68	98	32	97	52	97	44
4	CRV 180124	CRV180124	CRV 140295	GSG 080011	7	1.3					119	79	93	78	68	79	99	77	111	50	91	67	79	78	98	46	91	63	85	54
5	CRV 180160	CRV180160	HP 120237	HJS 090314	7	1.0					102	80	103	77	100	77	100	76	78	55	92	67	103	77	94	48	91	63	97	60
6	CRV 180249	CRV180249	AG 130109	CRV 150233	8	3.1		0	0	0	107	76	108	74	105	73	93	73	74	47	98	63	112	74	110	46	100	60	98	52
7	CRV 180370	CRV180370	CRV 140308	CRV 160048	7	1.6					106	76	94	71	105	69	111	70	94	45	98	61	99	71	89	40	95	57	89	49
8	CRV 240449	CRV240449	WBB 180205	CRV 180124		1.8					101	69	103	71	78	54	100	53	101	38	92	55	91	65	90	40	89	52	87	46
9	CRV 240455	CRV240455	WBB 180205	CRV 180370	7	2.6					97	69	98	69	99	51	110	51	93	36	94	53	99	63	85	38	91	50	87	45
10	NBON180028	NBON180028		NBON140098	8	0.0					92	62	93	61	109	56	109	64	103	23	95	49	93	61	88	30	92	45	94	28
11	NFS 180044	NFS180044	NFS 150077	NFS 080228	7	2.5		0	0	0	102	80	103	77	91	78	97	75	94	49	95	66	98	77	93	60	93	65	87	58
12	NFS 180177	NFS180177	CEF 110301	NFS 080181	7	0.9		0	0	0	99	80	106	78	80	80	95	78	104	55	95	68	94	79	109	68	97	68	95	66

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
13	NFS 210132	NFS210132	LAR 140064	ZVJ 130068	8	1.6	HH(c)	0	0	0							
14	NFS 210179	NFS210179	LAR 140064	OLI 150199	8	1.7	HH(c)	0	0	0							
15	NFS 210310	NFS210310	NFS 190029	NFS 190143	8	2.8		0	0	0							
16	THM 230010	THM230010	AG 150769	NFS 210234	7	1.2											
17	THM 230012	THM230012	VJN 180063	HT 200301	7	2.5											
18	THM 230025	THM230025	V 170167	OLI 140292	8	0.6											
19	THM 240007	THM240007	TMB 210335	NBON150030	8	1.2											
20	ZEF 140157	ZEF140157	FCT 120014	VV 110336	7	1.3											
21	ZEF 160171	ZEF160171	VV 120274	FCT 110122	8	1.6											
22	ZEF 220245	ZEF 220245	BBM 150029	ZEF 180192	6	0.8											
1	NFS 210287	NFS210287	NFS 190039	NFS 110006	8	0.6		0	0	0							
2	NFS 210355	NFS210355	NFS 190039	NFS 130013	7	1.7		0	0	0							
3	THE 180210	THE180210	THE 140134	THE 050023	7	1.3											
4	THM 240026	THM240026		AG 200583		0.0		1	0	0							
5	ZEF 160121	ZEF160121	HCO 090103	ZEF 070020	7	0.0											
1	NBON150030	NBON150030	NBON110038	NBON120015	7	13.3											
2	NBON150032	NBON150032	NBON110038	NBON120003	6	0.8											
3	OLI 140292	OLI140292	DAJ 110069	BBN 100196	6	0.6											

Selection List on Cow Value

Bull calves younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X n1821 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	THM 250022	THM250022	ABB 190605	ZEF 150130	7	1.4	0	0	0	101	70	136	71	95	52	82	46	115	36	139	53	140	64	127	66	140	56	136	64
								★★★★★★☆																					
1	THM 250017	THM250017	ABB 190605	ZEF 220023	1.6	0	0	0	96	68	112	70	97	47	101	43	122	33	120	51	111	62	111	47	120	50	113	48	
2	THM 260012	THM260012	AJF 190423	ZEF 150130	1.5				105	72	121	63	100	61	93	58	111	43	129	55	127	63	119	47	129	53	126	56	
3	THM 260013	THM260013	CEF 190341	LAR 170367	2.9				95	71	111	62	95	56	117	57	116	42	121	54	115	62	102	52	118	54	98	52	
4	THM 260020	THM260020	JHL 210026	NFS 180237	1.6				92	68	108	59	124	48	100	46	114	34	124	48	120	57	90	48	118	48	103	46	
5	THM 260026	THM260026	JHL 210026	ZEF 200090	1.0				84	67	124	57	105	44	96	45	113	30	124	46	127	55	91	42	119	45	106	41	
6	THM 260029	THM260029	CEF 190341	AJF 220410	2.1				123	69	99	58	97	52	120	55	117	39	125	51	112	58	102	52	121	51	96	52	
7	THM 260030	THM260030	CEF 190341	NFS 200066	1.7				119	71	104	61	94	55	109	56	119	42	123	53	111	61	104	52	121	53	103	52	
								★★★★★																					
1	THM 250005	THM250005	ABB 190605	NFS 180177	7	1.2	0	0	0	91	68	117	71	91	51	94	46	106	36	110	53	112	64	119	68	112	56	113	66
2	THM 250033	THM250033	CEF 190341	AG 170247	2.4				98	71	101	61	114	53	128	55	102	41	117	52	117	60	97	48	114	51	94	46	
3	THM 250059	THM250059	AEJ 220157	AG 210292	1.4				94	65	113	52	109	40	89	38	115	29	119	43	115	50	114	36	119	42	120	36	
4	THM 260001	THM260001	JHL 210026	THM 230023	1.2				102	64	113	56	109	39	93	38	102	29	118	44	120	52	100	42	116	44	114	43	
5	THM 260003	THM260003	JHL 210026	NFS 220240	1.8				93	65	110	56	113	37	106	36	97	29	113	43	118	51	93	42	109	43	103	41	
6	THM 260010	THM260010	JHL 210026	AG 220434	2.0				99	66	100	53	116	39	118	38	100	29	112	43	113	51	87	38	107	42	99	38	
7	THM 260014	THM260014	CEF 190341	NFS 210345	2.5				120	69	96	61	97	53	130	55	108	39	118	52	111	60	89	52	113	52	89	51	
8	THM 260019	THM260019	CEF 190341	NFS 180239	1.4				95	71	111	62	101	56	104	57	114	42	117	54	113	62	100	52	114	54	99	52	
9	THM 260024	THM260024	JHL 210026	ZEF 220067	0.7				104	66	106	56	107	38	104	37	108	28	116	44	113	52	84	41	110	43	101	41	
10	THM 260025	THM260025	CEF 190341	NFS 180044	1.7				104	71	106	62	99	56	111	56	109	40	115	53	112	61	92	53	111	53	87	52	
								★★★★☆																					
1	THM 250004	THM250004	NFS 210457	NFS 180239	7	5.0	0	0	0	99	67	107	70	94	51	93	49	104	36	102	53	102	63	103	65	102	55	106	63
2	THM 250007	THM250007	NFS 210217	AJF 220410	0.7	0	0	0	125	66	88	69	94	47	116	47	106	32	104	51	93	62	112	45	106	50	105	44	
3	THM 250021	THM250021	NFS 210457	HT 200301	1.3	0	0	0	112	67	99	68	95	47	105	48	99	32	103	51	101	61	96	47	101	50	100	46	
4	THM 250023	THM250023	NFS 210217	AG 220434	1.0				105	67	91	54	105	43	121	41	105	31	103	45	97	52	106	39	103	44	103	36	
5	THM 250034	THM250034	AEJ 220157	NFS 200004	1.6				105	53	102	53	100	45	96	45	112	30	109	43	101	50	105	42	109	43	102	40	

Selection List on Cow Value

Bull calves younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X n1821 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
6	THM 250041	THM250041	NFS 210457	NFS 190213	0.9			101 67	109 57	96 49	95 47	106 32	108 47	106 56	100 50	106 48	105 49
7	THM 250048	THM250048	NFS 210457	GZV 180362	1.0			101 56	108 57	108 48	95 48	91 35	106 46	112 54	101 45	105 46	102 44
8	THM 250058	THM250058	CRV 220033	CRV 180322	4.7			100 66	99 56	111 46	115 46	91 32	103 46	108 54	98 32	102 43	101 40
9	THM 260004	THM260004		ZEF 220262	0.0			118 57	88 36	94 31	109 27	107 22	100 32	89 37			89 22
10	THM 260021	THM260021		NBON160063	0.0			106 59	91 36	103 35	97 35	117 21	102 34	89 39	75 20	95 31	79 16
11	THM 260032	THM260032		NBON180050	0.0			119 59	87 35	106 32	99 34	110 21	103 33	90 38			91 20
12	THM 260035	THM260035		ZEF 220023	0.0			86 59	103 37	95 35	104 36	123 23	106 35	96 40	86 24	101 33	89 24
1	THM 250024	THM250024	NFS 210457	NFS 210345	1.4	0 0 0		136 67	73 69	95 48	135 48	99 33	97 51	86 62	84 48	93 50	85 48
2	THM 250036	THM250036	AG 200056	THE 180210	1.4			77 68	116 61	95 48	100 42	91 32	97 48	109 57	95 36	95 46	94 26
3	THM 250038	THM250038	NFS 210457	NFS 210576	1.3			132 66	86 56	89 45	111 46	97 32	96 46	89 54	93 47	94 46	94 46
4	THM 250040	THM250040	AG 200056	CRV 180249	4.2			81 67	111 60	106 48	100 43	81 30	94 47	110 57	97 35	93 45	93 30
5	THM 250045	THM250045	NFS 210457	NFS 210179	1.3			104 67	97 57	99 47	102 48	98 35	97 48	96 56	95 49	96 48	94 48
6	THM 260005	THM260005		NFS 210181	0.0			98 59	99 37	98 36	103 37	98 26	95 36	96 40	86 30	91 35	86 30
7	THM 260009	THM260009		AG 200583	0.0			94 60	94 37	99 35	103 36	101 24	91 35	89 40	88 20	88 32	91 21
8	THM 260028	THM260028		NFS 180222	0.0			93 60	100 37	106 37	93 37	107 23	99 35	95 40	87 24	96 33	92 23
9	THM 260033	THM260033		ZEF 160171	0.0			125 61	83 40	97 41	109 38	96 26	92 38	86 43	86 24	89 35	87 26

Selection List on Cow Value

Heifers younger than 2 years

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											
									★★★★★★																			
1	THM 250027	THM250027	ABB 190605	ZEF 200090	1.5				82	68	138	58	97	46	88	44	120	31	136	47	137	56	111	46	134	47	118	47
2	THM 260023	THM260023	CEF 190341	AG 200620	2.2				112	70	103	58	110	52	124	54	117	37	131	50	121	58	88	49	124	50	92	48
									★★★★★★☆																			
1	THM 250009	THM250009	ABB 190605	NFS 180222	1.2		1	0	95	68	126	70	103	49	82	44	104	32	123	51	128	63	115	48	123	50	120	47
2	THM 250015	THM250015	ABB 190605	NBON160063	1.0		0	0	88	68	123	70	104	47	85	43	114	31	123	51	122	62	103	46	120	50	106	44
3	THM 250055	THM250055	WBB 180201	CRV 180160	2.7				94	72	115	62	107	59	102	58	106	45	120	55	120	62	117	42	120	52	113	54
4	THM 260002	THM260002	JHL 210026	THM 230016	1.3				98	65	117	56	112	40	93	39	110	30	126	44	124	52	102	44	122	44	116	44
5	THM 260016	THM260016	CEF 190341	V 220250	1.6				93	69	114	60	102	52	107	54	111	38	120	51	118	59	92	47	115	50	97	44
									★★★★★★																			
1	THM 250011	THM250011	ABB 190605	ZEF 180192	1.5		0	0	121	68	101	71	105	50	101	44	105	33	118	52	112	63	113	45	118	51	107	46
2	THM 250016	THM250016	ABB 190605	NFS 210234	1.1		0	0	83	68	128	70	103	47	83	44	95	33	115	51	127	62	120	50	117	51	124	50
3	THM 250031	THM250031	ABB 190605	NFS 210310	1.7		0	0	106	66	111	70	94	46	95	42	104	30	112	50	110	61	105	47	111	49	109	47
4	THM 250046	THM250046	CRV 220037	CRV 180394	2.1				91	65	112	53	102	47	102	46	102	31	110	45	113	53	105	34	109	43	104	40
5	THM 250047	THM250047	NFS 210338	AG 220713	1.5				131	64	99	46	87	38	100	37	109	27	113	40	102	46	101	36	111	39	107	37
6	THM 260011	THM260011	NFS 220335	NFS 200381	1.0				125	65	101	51	98	44	105	45	100	29	114	44	109	51	108	42	113	44	110	42
7	THM 260015	THM260015	JHL 210026	AG 190872	1.8				108	68	101	53	108	41	109	39	101	30	113	44	111	51	85	40	107	43	101	40
									★★★★★★☆																			
1	THM 250001	THM250001	V 190023	V 220250	4.1		0	0	111	68	97	71	83	52	106	52	110	36	101	54	94	65	79	32	95	50	91	16
2	THM 250012	THM250012	NFS 210457	VV 170030	1.2		0	0	94	69	106	70	86	53	91	49	122	37	103	54	94	64	98	47	102	53	99	48
3	THM 250013	THM250013	ABB 190605	ZEF 140157	1.4		0	0	107	69	111	71	99	52	92	46	93	34	107	53	112	64	115	46	109	52	116	46
4	THM 250014	THM250014	NFS 210457	NFS 180044	1.6		0	0	118	69	97	70	91	51	102	48	99	34	101	53	97	64	90	50	97	52	88	48
5	THM 250019	THM250019	NFS 210457	NFS 200381	1.3		0	0	123	67	93	69	94	49	111	48	96	33	102	52	98	62	94	48	99	51	95	48
6	THM 250025	THM250025	NFS 210457	LAR 170367	1.5		1	0	77	69	119	70	90	51	100	49	105	36	105	53	110	64	102	49	104	52	101	48
7	THM 250029	THM250029	ABB 190605	ZEF 160121	1.2		0	0	80	69	116	71	102	51	98	45	95	34	103	53	113	64	106	48	103	52	107	50
8	THM 250030	THM250030	NFS 210457	JOY 180227	1.4		0	0	94	68	109	69	105	50	97	48	96	36	105	52	110	63	96	43	103	50	99	40
9	THM 250035	THM250035	AEJ 220157	NFS 200004	1.6				105	53	102	53	100	45	96	45	112	30	109	43	101	50	105	42	109	43	102	40

Selection List on Cow Value

Heifers younger than 2 years

ID		Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Q204X	ni821	F94L	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													Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
													★★★★☆																			
10	THM 250037	THM250037	AEJ 220157	NFS 210287	1.1								93	65	117	53	90	43	87	44	94	30	100	44	108	52	110	43	102	44	107	41
11	THM 250039	THM250039	CRV 200259	CRV 180236	1.4								95	67	108	57	91	47	106	46	102	33	104	47	106	55	101	34	103	44	99	46
12	THM 250042	THM250042	NFS 210338	ZEF 220245	1.0								124	64	99	51	93	42	94	40	100	31	105	43	101	50	108	35	106	41	104	39
13	THM 250043	THM250043	NFS 210338	THM 230004	0.8								118	63	99	51	86	42	91	40	117	30	106	43	93	50	103	36	105	42	107	40
14	THM 250049	THM 250049	NFS 210457	GZV 180362	1.0								101	56	108	57	108	48	95	48	91	35	106	46	112	54	101	45	105	46	102	44
15	THM 250052	THM250052	NFS 210457	LAR 200434	1.4								104	67	106	57	100	47	91	47	98	33	103	47	103	55	108	45	104	47	109	46
16	THM 250056	THM250056	NFS 210457	HAS 200014	1.2								112	67	105	56	85	47	110	48	101	34	106	47	105	55	90	47	103	47	94	46
17	THM 250057	THM250057	CRV 220037	CRV 180380	1.7								95	66	105	55	103	47	99	46	105	33	105	46	104	54	102	38	104	44	102	42
18	THM 250148	THM250148	NFS 220001	NFS 220240	5.1			0	0	0			108	65	95	52	99	36	109	36	101	28	101	42	97	49	102	32	100	40	96	32
19	THM 260007	THM260007		NFS 210334	0.0								126	58	87	36	88	34	99	35	115	23	100	34	84	39	93	26	98	32	95	26
20	THM 260031	THM260031	JHL 210026	NBON180028	0.5								100	65	97	53	114	39	109	42	97	24	104	42	105	51	83	39	99	41	97	38
21	THM 260034	THM260034		ZEF 180192	0.0								105	60	93	38	105	38	106	37	106	24	101	36	96	41	88	20	97	33	85	19
													★★★★																			
1	THM 250050	THM250050	CRV 220033	CRV 180382	4.9								99	66	99	56	96	46	112	46	99	31	99	46	99	54	81	34	93	44	90	40
2	THM 250051	THM250051	AG 200056	CRV 180168	5.6								87	68	107	61	95	49	101	44	94	32	94	49	101	58	98	30	93	45	97	24
3	THM 250053	THM250053	AG 200056	CRV 180187	2.6								81	68	105	61	101	49	106	43	96	30	94	48	101	58	92	31	92	45	92	28
4	THM 250054	THM250054	AG 200056	CRV 180370	3.2								93	67	99	59	105	46	109	42	91	30	95	47	102	56	86	32	92	44	89	30
5	THM 260006	THM260006		AJF 180439	0.0								91	59	95	38	103	38	104	36	113	25	98	36	91	41	80	26	93	34	83	28
6	THM 260008	THM260008		NFS 210132	0.0								85	59	100	38	98	36	105	38	105	26	94	36	93	41	86	32	90	35	85	32
7	THM 260017	THM260017		NFS 210234	0.0								97	59	99	37	102	35	94	37	98	23	94	35	94	40	92	28	92	34	96	28
8	THM 260022	THM260022		NFS 200343	0.0								99	60	97	37	99	37	102	37	107	24	98	36	94	40	89	28	95	34	89	27
9	THM 260027	THM260027		NFS 180177	0.0								105	60	92	39	89	40	102	39	107	28	92	38	84	42	87	34	89	37	84	34
													★★★★☆																			
1	THM 250032	THM250032	NFS 210457	NBON150030	1.1			0	0	0			105	67	90	69	94	47	112	45	96	33	89	51	88	62	92	42	88	49	89	40
2	THM 260018	THM260018		OLI 140292	0.0								95	61	89	39	94	41	119	38	90	26	82	37	86	43	77	24	78	34	80	26

