

BONSMARA

GENOMIC BREEDING VALUE REPORT

September 2026



NCB BONSMARA

Herd Number: 723933

E-mail: kita.nagel@gmail.com
beefpro@mweb.co.za



EBVs, EBVi's and GEBVs

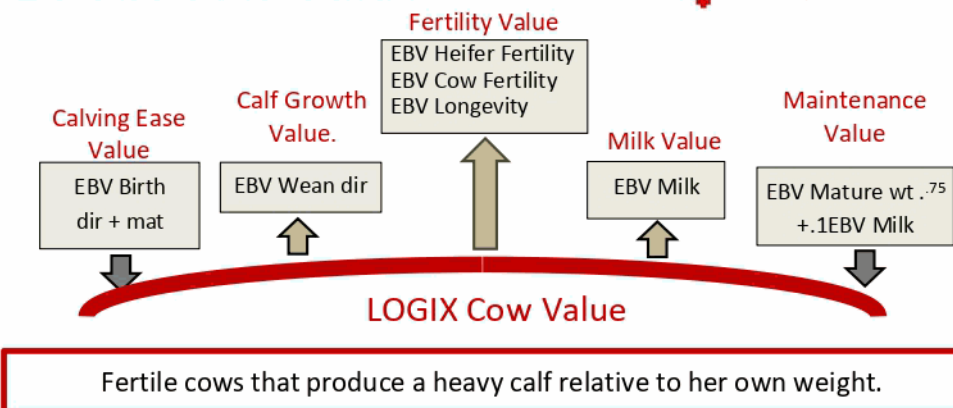
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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



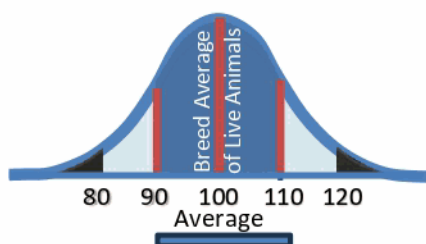
Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

Interpretation of EBVi and Selection Values

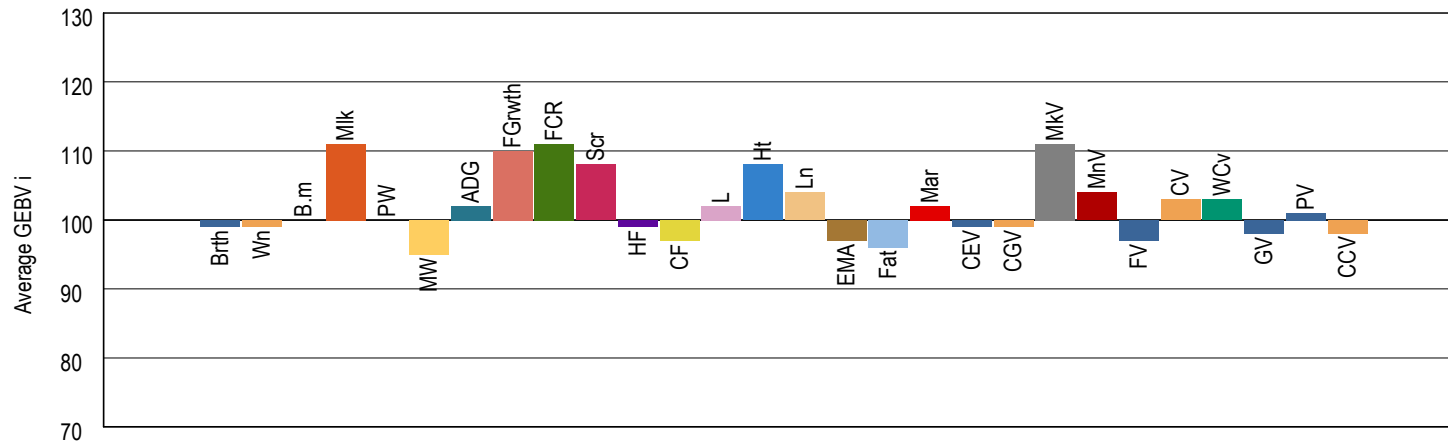


Examples

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
Fertility	Scrotal Circumference	Scrotal circumference in growth test	Fertile bulls	Less	More
	Heifer Fertility	Age at first calving	Fertile heifers	Less	More
	Cow Fertility	First 3 inter-calving periods (ICPs)	Fertile cows	Less	More
	Longevity	Retention of progeny	Acceptable progeny	Poor	Good
Frame	Height	Shoulder / Hip height in growth test	Average height	Short	Tall
	Length	Length in growth test	Longer (more meat)	Short	Long
	Length:Height	EBV Length / EBV Height	Longer, not higher	Less desirable	More desirable
Carcass	Eye Muscle Area	RTU Eye muscle area	Muscle in carcass	Small	Big
	Fat	RTU P8 Backfat Thickness	Carcass quality & adaptability	Thin	Thick
	Marbling	RTU % Marbling	Juicy meat	Low	High
	Dressing%	Carcass weight / Live weight	High dressing %	Low	High

Herd and Breed Averages



Genomic Breeding Values (GEBVs):

Brth:	Birth weight	Scr:	Scrotal circumf.
Wn:	Weaning weight	HF:	Heifer Fertility
B.m:	Birth maternal	CF:	Cow Fertility
Milk:	Milk	LL:	Longevity
PW:	Post-wean weight	Ht:	Height
MW:	Mature weight	Ln:	Length
ADG:	Average Daily Gain	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	1.09	99	0.98
	Wean Weight	14.4	99	14.9
	Birth Mat.	-0.27	100	-0.28
	Milk (Wn.Mat.)	7.1	111	3.7
Postwean Growth	Postwean Wt	25	100	25
	Mature Weight	15	95	22
	ADG	86	102	79
	VeldGrowth	61	110	35
	FCR	-55	111	-37
Fertility	Scrotal Circumf.	17	108	13
	Heifer Fertility	-8.7	99	-9.1
	Cow Fertility	-0.06	97	-0.56
	Longevity	32.9	102	31.8
Frame	Height	3.4	108	-3.1
	Length	17.3	104	13.6
Carcass	EMA	0.335	97	0.683
	Fat	-0.572	96	0.055
	Marbling	0.139	102	-0.056

Selection Value	Ave. Herd
Calving Ease	99
Calf Growth	99
Milk	111
Maintenance	104
Fertility	97
Cow Value	103
Weaner Calf Value	103
Growth Value	98
Production Value	101
Carcass Value	98

- 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?:

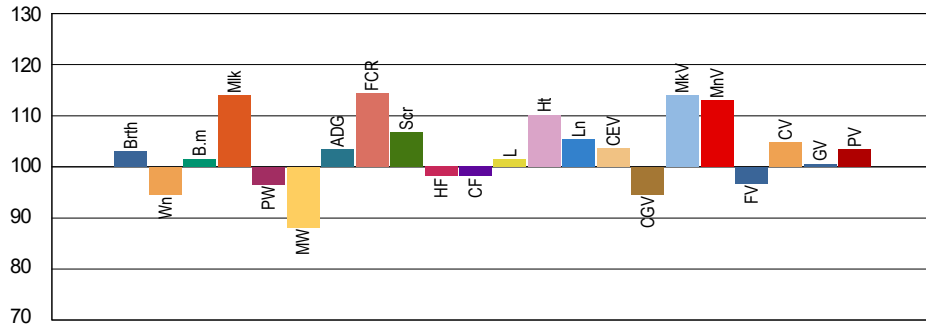
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

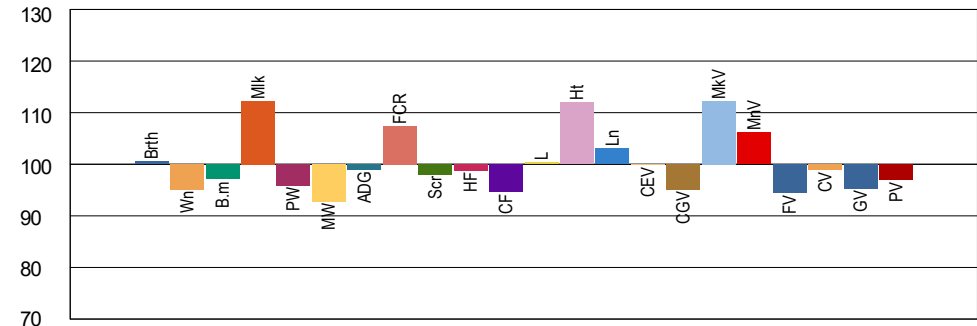
Total: 5



Cow Herd

Cows born in 2024 and earlier

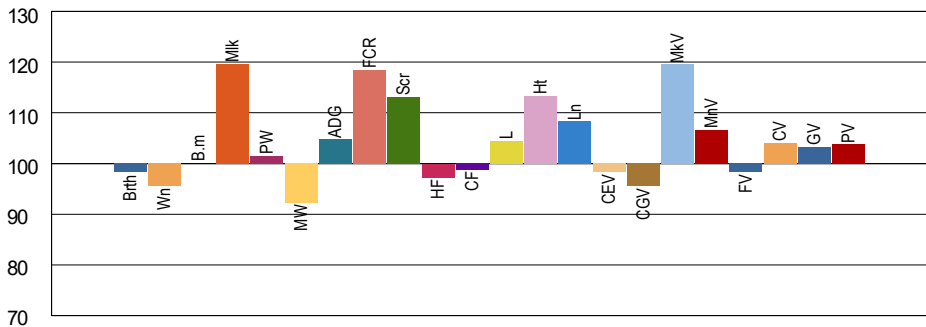
Total: 40



Sires of young animals

Sires of animals 3 years and younger

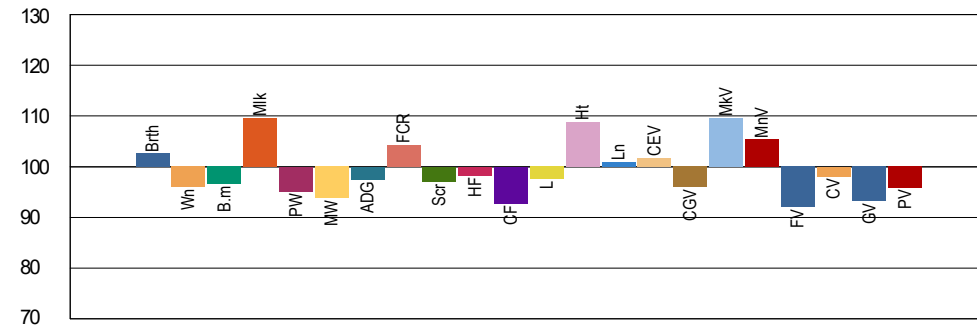
Total: 4



Cows older than 6 years

Cows born in 2020 and earlier

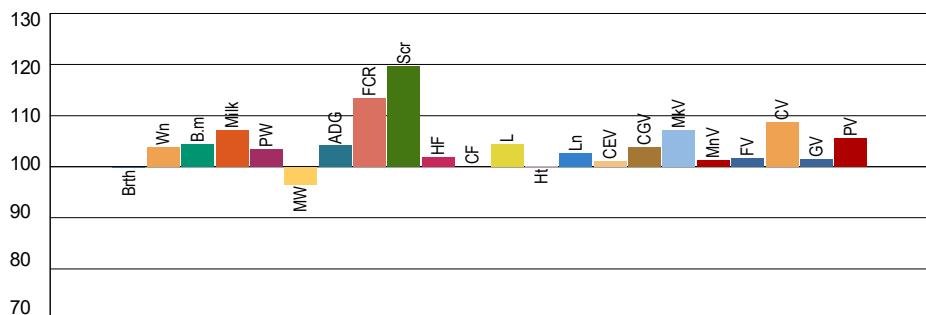
Total: 23



Bull calves

Bulls born in 2025

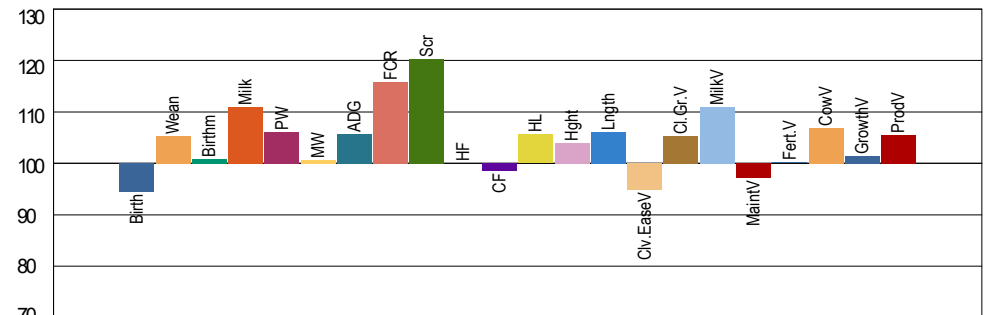
Total: 12



Heifer calves

Heifers born in 2025

Total: 11

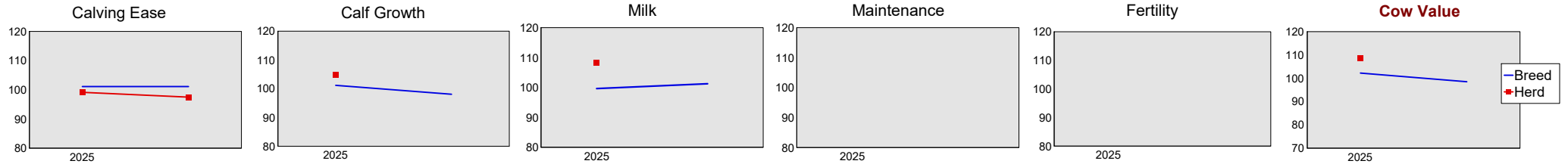


Summary of Cow Herd

			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
2011	2	★★★★	98	100	109	95	85	93	93	91	100	100	93	109	100	105	97	109	109	83	97	92	114	103
2012	3	★★★★	100	95	103	109	90	93	91	91	99	95	103	103	94	91	97	107	104	92	96	96	107	98
2013	3	★★★★☆	102	95	108	120	94	102	99	100	101	95	101	108	92	82	101	104	91	101	92	99	108	101
2014	3	★★★★☆	96	104	99	103	107	105	97	103	96	104	96	99	102	96	101	107	102	111	108	96	114	107
2015	3	★★★★☆	103	98	109	112	101	107	89	103	105	98	95	109	96	88	95	98	99	109	97	101	106	98
2016	2	★★★★	111	91	112	98	84	92	89	90	113	91	91	112	93	100	93	101	96	100	86	86	100	96
2017	4	★★★★	106	93	113	99	86	94	86	90	107	93	96	113	92	100	91	101	90	93	86	98	104	98
2018	1	★★★★☆	90	93	110	115	110	102			93	93	89	110	90	85	84	85	87	106	115	98	98	92
2019	3	★★★★	99	93	123	103	87	97	103	97	100	93	95	123	94	94	106	109	92	94	82	107	118	106
2021	6	★★★★☆	96	92	116	111	105	102	97	100	97	92	97	116	94	88	99	108	95	108	102	105	113	103
2022	4	★★★★☆	99	96	117	104	94	101	100	100	99	96	100	117	99	93	103	114	103	94	95	103	119	109
2023	3	★★★★☆	96	96	114	104	99	100	98	99	97	96	98	114	99	94	101	113	103	99	99	106	118	106
2024	4	★★★★	98	94	118	107	90	97	97	94	98	94	98	118	98	92	102	115	100	93	91	102	117	107
2025	11	★★★★☆	95	105	111	97	100	107	101	106	94	105	101	111	106	101	106	116	120	100	98	106	104	106
2026	3	★★★★☆	97	108	101	98	101	107	100	105	96	108	103	101	106	100	104	111	120	101	100	103	98	103
Cows in Herd Average:			99	97	111	105	96	100	96	98	100	97	97	111	97	94	99	101	101	99	96	100	109	102

Genetic Trends for On-Farm Traits

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



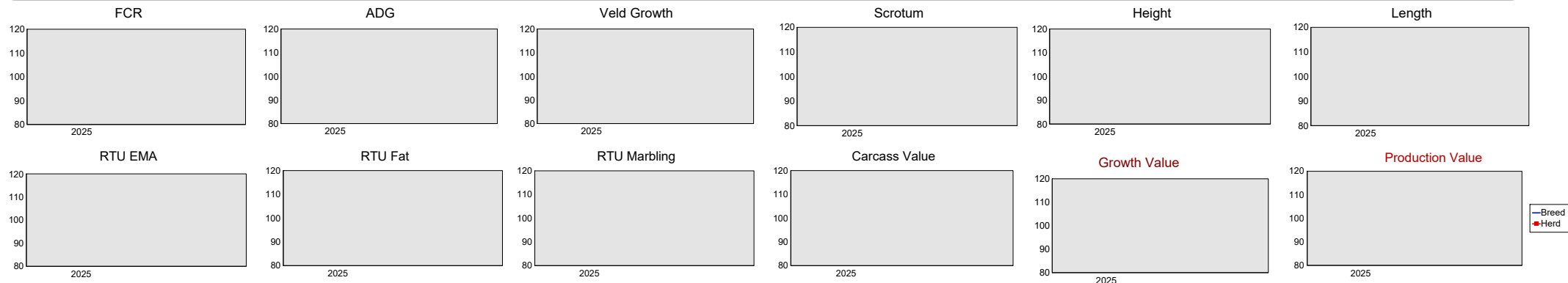
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility						Cow Value
	Birth Weight		Dir EBV	Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Milk	Postwean Weight		Mature Weight	Maintenance	Heifer Fert.		Cow Fert.	Longevity	Ferti- lity			
	Number	EBV				Number	EBV		Number	EBV		Number	EBV			Number	EBV				Number	EBV	
2025	28	1.18	-0.45	99	22	17.6	105	22	6.29	108											109		
2026	11	1.33	-0.42	97																			

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility						Cow Value	
	Birth Weight		Calv. Ease	Weaning Weight	Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Ferti- lity					
	Number	Dir EBV				Mat EBV	Number	EBV	Number	EBV	Milk		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number		EBV
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														
2025																																							
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
AEJ 070201 65463168	JJF 000131 AEJ 010125	88	120	95	85	76	95	115	126	100	127	121	85	106	116	120	95	106	122	129	96	128	108	132	74	92	88	134	132	117	98	102	49	38		
		90	91	82	79	65	76	88	57	72	38	52	2.50	-2.4	46	25.9	2.2	87	44.4	188	27	-82	0.75	32.2	5.6	0.9	24.9	24	41.8	2.37	-0.20	0.15	11	9	41	
BPJ 100075 73052805	BHE 030103 BHE 040025	95	108	104	106	107	113	111	97	110	94	91	97	88	92	108	104	116	110	105	107	106	98	107	128	101	89	92	95	101	81	110	81	64		
		93	93	85	84	68	79	90	70	77	78	12	1.27	0.1	10	19.5	4.8	112	34.1	98	53	-47	0.20	17.0	-24.9	-0.7	25.1	-9	9.1	0.83	-2.90	0.79	15	16	59	
CRV 110192 74349150	BHE 030103 BPJ 070034	87	125	108	100	100	123	130	106	121	112	108	92	81	98	125	108	132	113	107	92	99	91	106	106	99	99	112	121	103	87	95	90	77		
		93	94	84	84	67	79	91	74	78	48	35	1.81	1.0	18	28.1	6.2	150	36.3	108	17	-35	-0.16	16.4	-12.3	-0.4	31.1	7	32.4	0.94	-1.99	-0.49	19	15	55	
GTF 170101 85790756	GNK 110045 GTF 120005	101	80	127	122	113	106	94	98	104	104	80	101	89	80	80	127	118	93	98	152	117	118	95	112	108	111	123	103	83	115	119	32	31		
		84	87	67	68	48	68	80	46	64	28	-3	0.87	-0.1	-7	4.4	11.9	116	18.6	73	161	-65	1.31	9.9	-16.1	-2.0	38.4	15	16.1	-0.99	2.41	1.52	4	5	5	
GTF 170106 85790780	GNK 110045 GTF 120014	94	90	128	109	90	97	100	108	99	105	88	96	86	88	90	128	123	99	107	152	122	103	109	88	95	103	124	115	87	108	111	44	48		
		86	91	66	65	50	69	82	31	61	22	7	1.42	0.4	4	9.6	12.3	129	24.0	106	161	-73	0.46	18.3	-2.0	0.4	33.7	16	26.6	-0.63	1.34	0.83		4	4	
GTF 210187 93085785	LAR 170152 KDT 190016	97	117	103	92	104	116	119	108	115	114	114	94	107	107	117	103	114	116	114	103	124	97	147	101	103	103	93	108	119	85	103	39	22		
		83	86	55	53	40	62	76	46	59	38	42	1.64	-2.5	32	23.8	4.7	107	39.7	131	43	-76	0.18	40.9	-9.6	-1.1	33.9	-9	20.7	2.63	-2.31	0.16				
HJS 030237 47552401	AG 920282 HJS 000306	97	107	86	99	59	75	99	84	73	90	105	95	103	100	107	86	94	99	90	94	108	83	106	41	105	71	104	100	97	109	105	173	153		
		96	97	91	90	77	84	95	72	82	50	30	1.54	-2.0	22	18.5	-0.5	60	24.3	40	20	-49	-0.60	16.1	24.7	-1.4	14.5	0	14.1	0.41	1.54	0.39	30	33	131	
HJS 060359 63414668	RCO 980037 HJS 020063	82	115	108	112	122	125	121	118	126	119	91	80	87	87	115	108	130	110	118	85	106	97	102	139	111	93	109	109	101	109	124	70	59		
		93	93	87	86	73	80	91	66	77	52	12	3.10	0.2	3	22.8	6.1	145	34.0	147	-2	-47	0.14	13.7	-31.1	-2.6	27.8	4	21.7	0.81	1.44	1.99	9	19	80	
HJS 080356 68451301	HJS 050228 HJS 040204	93	93	104	123	84	88	96	90	86	96	88	97	74	81	93	104	108	92	93	95	110	109	103	94	98	77	122	103	99	102	103	125	96		
		93	95	82	82	65	78	91	59	74	34	7	1.30	1.9	-6	11.1	4.9	93	17.8	54	23	-54	0.84	14.4	-5.8	-0.1	18.1	14	16.4	0.54	0.33	0.21	24	14	34	
LAR 170152 85905313	 LAR 140173 LAR 110119	130	107	102	107	104	129	122	110	127	107	105	131	112	91	107	102	114	112	109	107	116	117	134	118	86	111	88	106	122	78	98	54	37		
		96	96	93	94	92	87	95	92	88	92	30	-2.30	-3.2	9	18.9	4.2	107	35.9	113	52	-63	1.27	33.3	-19.6	2.0	38.2	-12	19.0	2.84	-3.48	-0.25	13	6	7	
NCB 120044 77356277	AG 080047 MF 030032	115	87	118	94	71	84	91	82	81	89	98	119	101	104	87	118	101	90	88	109	99	111	91	85	73	90	97	94	78	102	102	68	52		
		90	91	80	79	58	75	87	44	69	26	20	-1.02	-1.7	28	7.9	9.2	75	15.8	34	57	-35	0.94	7.3	-0.6	4.3	25.7	-5	8.0	-1.49	0.34	0.14		12	40	
NCB 220104 94250677	GTF 170106 NCB 170001	101	95	120	103	86	97	102	99	97	98	93	102	96	94	95	120	115	98	100	135	111	104	101	88	89	101	113	107	85	104	105	1	1		
		68	69	48	48	35	52	62	21	46	15	14	0.74	-1.1	14	12.1	9.7	111	23.2	79	120	-55	0.54	13.2	-2.2	1.4	32.2	7	19.5	-0.85	0.62	0.36				
PLB 090008 68365360	RGR 050138 POL 060038	102	98	111	113	102	109	106	92	105	86	79	101	94	86	98	111	116	93	97	95	112	73	88	101	110	99	107	102	93	85	100	99	68		
		94	93	88	87	64	79	91	52	74	28	-4	0.82	-0.8	2	13.8	7.0	112	18.7	70	24	-57	-1.17	5.5	-9.6	-2.3	31.1	2	15.4	-0.05	-2.25	-0.06	8	24	104	
RSL 070205 65558538	AEJ 010127 AG 010183	109	80	121	137	94	101	98	89	98	90	70	111	77	65	80	121	123	84	94	99	102	115	102	103	96	92	102	96	99	96	98	146	130		
		95	96	88	87	71	82	93	60	78	40	-17	-0.19	1.4	-29	4.0	10.1	130	10.6	56	34	-40	1.13	13.9	-10.6	0.1	27.2	-2	10.0	0.63	-0.65	-0.20	35	21	71	

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	
ID																																			Birth	Wean
Comp.nr																																			Grwth Test	Dght & clvs (Weaned)
RSL 120040 75081091		AEJ 070201 EI 040221		82	126	77	80	108	103	111	108	104	112	119	73	105	125	126	77	92	125	110	87	113	106	131	103	114	95	124	117	110	94	76	127	99
				97	97	94	94	92	88	96	92	89	89	49	3.75	-2.2	58	28.7	-3.5	54	46.9	118	5	-58	0.68	31.1	-11.0	-3.0	28.7	16	28.4	1.73	-0.92	-2.06	37	30
ZYL 150015 83236893		WAT 070250 ZYL 080003		103	86	122	105	80	87	93	107	90	97	91	105	94	92	86	122	110	88	110	91	109	88	77	91	79	95	120	105	106	106	81	92	81
				90	94	72	68	54	73	86	48	68	22	11	0.49	-0.8	11	7.2	10.6	98	14.5	118	13	-52	-0.36	-0.7	-4.1	3.2	28.8	13	18.0	1.30	0.97	-1.70	9	5

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			Value
																Area			
202201 D11 M		0548631BON		116	117	110	108	93	125	147	107	114	124	103	108	119	85	103	114
ONS TUISTE		GTF 210187	LAR 170152	62	86	67	21	-9	1.22	40.9	0.29	131	-76	43	46	2.63	-2.31	0.16	38
BEESSOERDERY		93085785	KDT 190016				62	70	66	72	24	61	24	22		37	39	37	

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	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
GTF 210187 93085785	4	LAR 170152 KDT 190016	97 83	117 86	103 55	92 53	104 40	116 62	119 76	108 46	115 59	114 38	114 42	94 1.64	107 -2.5	107 32	117 23.8	103 4.7	114 107	107 32	117 23.8	103 4.7	114 107	116 39.7	114 131	103 43	124 -76	97 0.2	147 40.9	101 -9.6	103 -1.1	103 33.9	93 -9	108 21	119 2.63	85 -2.31	103 0.16
NCB 230003 94909777	1	GTF 170106 NCB 130025	105 59	86 69	116 53	126 50	87 36	97 52	99 62	97 22	95 46	93 14	76 -8	106 0.32	87 0.1	78 -11	86 7.3	116 8.7	115 110	78 50	86 69	116 53	115 57	87 13.6	98 73	126 100	113 -58	93 -0.1	97 10.9	89 -2.9	92 0.9	100 32.0	115 9	104 18	88 -0.49	100 -0.01	106 0.41
NCB 230004 94909785	1	GTF 170106 RSL 150055	102 58	98 69	118 52	118 49	95 36	111 51	113 62	99 26	109 46	99 24	87 5	101 0.89	94 -0.8	84 -2	98 14.0	118 9.4	126 135	84 49	98 69	118 52	126 57	98 23.3	103 90	129 106	109 -51	101 0.4	105 15.6	100 -9.1	95 0.3	102 32.9	112 6	107 20	94 0.07	96 -0.52	108 0.63
NCB 230023 97828172	1	GTF 170106 NCB 210034	108 66	86 56	120 42	110 41	96 32	100 45	97 53	105 22	100 40	99 14	87 6	109 0.06	97 -1.2	88 4	86 7.7	120 9.9	112 102	88 41	86 56	120 42	112 46	91 17.4	106 102	126 100	114 -60	92 -0.1	98 11.4	99 -8.2	97 -0.1	101 32.3	117 10	108 21	95 0.18	101 0.26	99 -0.10
NCB 230024 98940273	1	GTF 170101 NCB 130018	106 66	86 57	113 50	119 50	102 34	100 48	95 56	94 28	98 44	94 16	83 0	105 0.42	96 -1.1	84 -2	86 7.4	113 7.6	107 91	84 50	86 57	113 50	107 52	91 17.2	96 66	131 112	112 -56	101 0.4	87 4.9	102 -10.4	104 -1.3	102 32.9	114 8	100 14	87 -0.63	105 0.80	110 0.79
NCB 240001 97942114	1	GTF 170106 NCB 170031	96 65	92 68	120 48	106 48	93 34	97 51	99 61	99 22	96 45	94 14	87 6	97 1.28	90 -0.3	91 9	92 10.7	120 10.0	116 112	91 48	92 68	120 48	116 55	96 21.4	101 82	152 161	119 -67	101 0.4	103 14.6	97 -7.2	94 0.5	100 31.7	116 10	109 21	83 -0.99	101 0.16	106 0.45
NCB 240002 97942122	1	GTF 170106 NCB 190029	90 65	96 68	120 47	99 47	92 34	95 51	99 61	109 22	97 45	100 16	96 18	92 1.83	89 -0.2	98 19	96 12.6	120 9.9	115 109	98 47	96 68	120 47	115 54	101 26.2	109 113	152 161	120 -70	97 0.1	103 14.7	96 -6.6	93 0.7	101 32.5	120 13	112 24	95 0.17	100 0.12	99 -0.10
NCB 240003 97942130		GTF 170106 NCB 120004	105 66	86 68	114 53	119 49	99 33	100 52	96 62	93 20	97 46	90 14	79 -5	104 0.52	96 -1.1	84 -2	86 7.6	114 8.1	109 96	84 49	86 68	114 53	109 57	86 12.1	95 59	115 73	108 -49	92 -0.1	94 9.5	97 -7.5	103 -1.1	100 31.7	111 5	100 13	84 -0.95	99 -0.16	104 0.31
NCB 240006 97942148	1	GTF 170101 NCB 160033	109 68	90 67	118 49	113 49	102 34	108 51	103 62	103 27	107 46	97 18	84 2	107 0.25	101 -1.8	86 1	98 9.8	118 9.3	116 112	86 49	90 67	118 49	116 55	99 24.5	102 87	152 161	123 -75	109 0.8	102 13.8	112 -15.9	98 -0.2	101 32.7	115 9	105 18	87 -0.59	103 0.55	108 0.61
NCB 240017 97942247	1	GTF 170106 RSL 140213	92 68	105 70	111 51	94 49	97 35	102 53	105 64	108 24	103 47	109 14	104 29	92 1.80	98 -1.3	104 28	105 17.4	111 7.2	112 101	104 49	105 70	111 51	112 57	108 31.8	109 113	131 110	119 -68	106 0.6	113 20.8	97 -7.3	99 -0.4	99 31.5	125 17	117 29	99 0.55	100 0.04	101 0.02
NCB 250002 99363970	2	GTF 210187 NCB 170006	99 67	112 69	108 48	92 45	103 30	115 51	116 62	97 26	112 46	104 20	110 38	98 1.22	105 -2.2	107 32	112 21.5	108 6.2	114 108	107 45	112 69	108 48	114 54	108 32.5	103 35	100 13	113 14	98 0.2	116 22.2	103 -10.8	98 -0.2	107 36.2	100 -3	105 18	104 1.09	91 -1.35	103 0.18
NCB 250003 99363988	2	GTF 210187 RSL 150047	88 68	107 70	105 49	102 46	112 33	110 52	107 63	97 30	108 48	103 21	99 22	87 2.33	92 -0.5	95 15	107 18.9	105 5.2	114 106	95 46	107 70	105 49	114 55	107 31.5	102 88	98 31	113 -57	98 0.2	127 28.6	114 -16.9	106 -1.7	106 35.6	103 -1	101 14	108 1.45	95 -0.74	101 0.03

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 Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
NCB 250005	99364002	2	GTF 210187 NCB 190029		98 66	98 69	110 44	104 42	102 29	103 49	102 61	104 28	103 45	100 22	96 18 42	97 1.29 73	97 -1.2 52	94 13 42	98 14.0 69	110 6.7 44	111 99 52	101 25.6 48	107 106 38	107 52 15	116 -62 14	93 -0.1 46	117 23.2 44	105 -11.8 30	97 -0.1 16	104 34.5 42	98 -5 43	100 14 38	107 1.43 21	89 -1.68 22	95 -0.46 21
NCB 250008	99364036	2	GTF 210187 NCB 110016		95 68	107 70	108 50	103 46	92 31	105 52	112 63	98 28	103 47	99 21	94 15 44	93 1.67 74	99 -1.4 55	94 14 46	107 18.9 70	108 6.2 50	117 116 55	103 27.6 47	102 89 38	95 24 14	115 -61 15	90 -0.2 46	115 21.6 44	93 -4.8 28	93 0.7 19	103 33.6 45	100 -3 43	102 15 38	106 1.29 20	88 -1.83 22	102 0.09 20
NCB 250009	99364044	1	GTF 210187 NCB 180035		96 65	108 67	105 40	99 42	108 25	112 47	109 59	95 24	108 42	101 20	106 32 43	96 1.41 72	98 -1.3 51	100 21 42	108 19.1 67	105 5.1 40	111 101 50	105 29.5 41	100 79 32	97 28 12	106 -46 13	94 0.0 40	118 23.4 38	103 -10.7 23	109 -2.2 14	105 34.8 38	97 -6 37	101 15 33	104 1.06 19	88 -1.82 20	102 0.10 19
NCB 250012	99364077	2	GTF 210187 NCB 230002		104 64	96 68	107 42	104 43	99 27	101 48	99 59	99 25	100 43	98 20	94 15 41	103 0.65 71	100 -1.6 50	93 12 43	96 12.6 68	107 5.9 42	106 87 51	102 27.2 44	104 93 34	118 80 16	117 -65 13	95 0.1 42	122 25.7 40	97 -7.5 26	99 -0.3 16	107 35.9 40	98 -5 39	100 13 35	98 0.51 20	92 -1.16 21	104 0.26 20
NCB 250016	99364119	1	GTF 210187 NCB 120004		109 67	101 69	101 50	100 45	106 30	108 51	103 62	95 26	105 46	98 20	97 19 44	107 0.29 73	110 -2.9 55	98 19 45	101 15.3 69	101 4.1 50	103 80 55	97 22.6 46	100 80 35	100 37 12	112 -57 14	90 -0.2 44	116 22.0 42	103 -10.9 28	107 -1.8 17	103 33.6 44	98 -5 40	99 13 36	103 0.95 19	87 -1.99 21	101 -0.01 20
NCB 250021	99939308	2	GTF 210187 NCB 230015		102 65	102 68	107 42	102 37	110 28	112 48	106 59	102 27	110 44	109 21	100 23 36	101 0.89 72	103 -2.0 49	96 16 37	102 16.0 68	107 5.8 42	110 97 49	105 29.2 46	106 103 37	111 62 17	117 -65 14	103 0.5 45	126 28.1 44	108 -13.9 27	106 -1.6 16	108 36.5 40	108 3 42	107 20 38	107 1.41 20	97 -0.35 22	106 0.45 20
NCB 250025	99939340	3	GTF 210187 RSL 150055		106 66	107 69	108 49	104 45	103 32	117 51	115 62	99 32	114 47	102 28	100 23 45	104 0.52 72	105 -2.2 54	93 12 45	107 18.5 69	108 6.1 49	117 114 54	106 30.7 46	106 100 40	100 35 17	109 -52 20	98 0.2 48	123 26.6 47	107 -13.2 32	100 -0.5 20	103 33.7 44	95 -7 45	102 16 41	109 1.61 27	85 -2.34 29	104 0.29 27
NCB 250027	99939365	2	GTF 210187 NCB 130025		107 67	98 70	104 50	111 46	94 32	103 52	104 63	98 28	101 47	99 21	90 10 45	106 0.38 73	99 -1.5 55	88 4 46	98 13.9 70	104 5.1 50	109 96 55	97 21.9 50	103 90 37	96 25 14	115 -61 15	90 -0.2 46	117 22.8 44	95 -6.3 31	96 0.2 20	102 32.9 45	101 -2 42	103 16 38	106 1.30 20	88 -1.83 22	102 0.09 20
NCB 250028	99972986	2	GTF 210187 RSL 130037		103 67	107 70	115 50	99 47	98 34	115 52	117 63	112 30	115 48	114 23	106 32 47	101 0.92 73	105 -2.2 55	98 19 47	107 18.9 70	115 8.4 50	121 125 56	108 32.2 49	114 133 41	101 37 19	117 -64 17	106 0.7 48	122 25.8 48	99 -8.2 35	96 0.1 21	104 34.4 46	106 1 46	111 24 42	115 2.21 22	94 -0.92 24	105 0.33 22
NCB 250030	99939373	2	GTF 210187 NCB 170001		106 66	103 56	108 44	96 44	93 30	104 46	107 54	97 26	102 42	100 22	104 29 43	105 0.48 72	107 -2.5 52	102 25 44	103 16.6 56	108 6.2 44	108 94 48	103 28.0 48	102 85 35	103 43 14	111 -54 15	101 0.4 44	118 23.6 42	95 -6.4 29	93 0.6 19	100 31.9 42	95 -7 40	100 14 35	99 0.57 21	92 -1.20 22	101 0.01 21
NCB 260001	99939381	1	GTF 210187 NCB 220105		86 64	110 54	115 36	97 35	93 27	106 42	114 50	107 25	106 39	108 20	104 29 35	87 2.34 71	92 -0.5 47	101 23 35	110 20.4 54	115 8.3 36	122 126 42	112 35.7 46	110 119 61	111 61 15	119 -68 13	98 0.2 42	125 27.5 40	88 -2.4 29	94 0.5 14	107 35.9 37	108 3 39	110 23 35	107 1.35 19	95 -0.76 21	102 0.07 19
NCB 260002	6020220767	2	GTF 210187 NCB 140001		96 67	105 56	106 49	100 46	100 29	106 46	107 55	99 28	104 42	100 20	99 22 45	95 1.47 72	99 -1.5 55	98 20 46	105 17.8 56	106 5.6 49	111 100 50	106 30.0 46	105 100 38	106 51 13	118 -65 14	91 -0.2 47	122 25.7 45	102 -10.4 28	104 -1.2 17	95 28.7 41	103 -1 43	105 18 39	103 0.96 20	87 -1.98 21	103 0.22 20

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

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Value >120

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Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
			Sire ID Dam ID																																
NCB 260003	1	GTF 210187	6020319395	94	116	100	90	104	111	114	108	111	111	114	91	106	110	116	100	108	115	112	104	120	103	132	104	103	99	110	114	113	88	97	
6020319395		66		57	47	45	31	47	55	28	43	21	42	1.89	-2.4	37	23.3	3.7	94	38.2	125	45	-70	0.5	32.1	-11.3	-1.1	31.4	5	26	1.97	-1.78	-0.34		
NCB 260006	1	GTF 210187	6020648041	106	103	111	100	94	107	109	105	107	107	101	105	104	98	103	111	113	103	110	90	115	97	120	93	92	107	106	108	110	93	96	
6020648041		66		54	43	43	28	44	52	28	41	20	25	0.47	-2.1	19	16.3	7.2	106	27.8	117	11	-62	0.1	25.0	-4.8	0.8	36.1	2	21	1.71	-1.04	-0.35		
NCB 260008	3	GTF 210187	6020661580	96	110	105	95	94	105	111	99	104	102	112	95	101	103	110	105	111	108	104	87	115	92	128	87	107	92	104	105	104	95	104	
6020661580		68		58	48	46	33	48	56	32	45	24	39	1.48	-1.8	26	20.1	5.3	101	31.7	94	5	-61	-0.1	29.6	-1.4	-1.7	27.2	0	18	1.12	-0.77	0.30		
NCB 260011	1	GTF 210187	6020648082	95	107	100	104	97	104	108	102	103	105	100	93	99	94	107	100	110	107	108	99	116	97	135	96	101	100	103	104	106	92	99	
6020648082		67		58	49	46	32	48	56	29	44	22	24	1.74	-1.5	14	18.6	3.8	97	31.0	108	34	-64	0.2	33.5	-6.7	-0.7	31.5	-1	17	1.32	-1.24	-0.14		

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
RSL 110056 73029860	2	HJS 030237 MMJ 030224		107 81	97 77	106 78	99 76	84 54	94 67	99 78	91 45	91 63	91 29	110 36	108 0.17	101 -1.7	99 21	97 13.6	106 5.5	103 81	95 20.2	94 58	71 -34	105 -45	87 -0.4	109 18.3	72 6.8	110 -2.4	81 20.5	115 8	101 15	89 -0.40	105 0.77	106 0.44
RSL 110255 75080671	1	RSL 070205 EI 030204		88 80	103 78	111 81	90 77	86 51	91 68	100 79	94 37	90 62	93 22	112 39	91 1.97	92 -0.6	110 36	103 16.7	111 7.1	107 90	105 29.2	99 74	131 112	112 -56	124 1.7	108 17.8	94 -5.7	84 2.4	103 33.5	113 7	105 18	99 0.58	102 0.37	101 0.05
NCB 120023 75807123	2	PLB 090008 NCB 070009		105 77	91 72	101 82	108 76	86 44	88 64	92 75	85 32	85 58	79 20	82 -1	104 0.56	102 -1.8	90 8	91 10.2	101 3.9	97 67	91 16.7	94 56	90 12	105 -45	86 -0.4	95 9.5	90 -3.6	92 0.9	97 30.1	100 -3	93 8	83 -0.99	91 -1.41	101 0.00
NCB 120029 76300193	3	PLB 090008 RGR 050127		97 74	100 69	112 78	98 74	92 45	99 62	102 72	93 34	96 56	91 20	98 20	97 1.25	97 -1.2	100 22	100 14.9	112 7.5	111 99	95 20.7	97 68	92 16	106 -46	92 -0.1	94 9.5	96 -6.6	97 -0.1	96 29.7	110 5	102 16	96 0.31	91 -1.43	95 -0.45
RSL 120073 75081414	1	AEJ 070201 AGS 020054		99 81	94 79	97 81	122 75	91 51	93 68	97 79	95 36	92 62	95 21	86 5	97 1.24	93 -0.7	82 -5	94 11.8	97 2.7	102 78	95 20.4	101 85	95 24	109 -51	97 0.1	122 26.0	91 -3.7	98 -0.3	96 29.2	112 7	100 14	93 0.00	99 -0.16	95 -0.44
NCB 130025 78988912	3	PLB 090008 RGR 030229		112 80	87 78	104 81	131 76	82 49	94 67	98 79	88 32	91 60	82 18	71 -15	113 -0.37	89 -0.2	74 -17	87 7.9	104 4.9	107 90	81 8.4	92 48	88 7	105 -45	84 -0.6	86 4.6	89 -3.0	88 1.5	94 28.4	110 5	98 12	90 -0.27	91 -1.35	101 -0.01
RSL 130037 77211373	3	RSL 070205 MMJ 000238		107 80	93 79	130 81	119 77	92 54	113 68	114 79	111 41	113 63	102 26	92 13	106 0.33	97 -1.1	83 -3	93 11.4	130 13.0	133 152	97 22.0	110 115	104 45	108 -49	114 1.1	92 7.8	100 -9.1	90 1.2	99 31.4	111 6	105 18	101 0.77	103 0.51	106 0.42
RSL 130092 77211787	2	HJS 060359 RSL 080019		87 81	105 79	89 81	111 75	107 52	98 68	99 79	97 40	97 62	101 28	93 14	85 2.56	89 -0.1	88 4	105 17.4	89 0.4	102 77	99 24.5	101 84	90 12	98 -33	84 -0.6	96 10.7	114 -16.9	98 -0.3	103 33.6	104 0	100 14	94 0.08	99 -0.14	111 0.87
NCB 140001 80426851	2	PLB 090008 NCB 070007		105 80	90 72	108 80	108 74	96 41	95 63	93 75	90 32	92 57	85 16	84 2	106 0.34	96 -1.0	90 7	90 9.5	108 6.2	103 80	91 17.4	97 69	109 58	111 -55	84 -0.6	96 10.6	104 -11.2	104 -1.3	86 23.5	113 8	102 16	86 -0.71	89 -1.66	104 0.29
RSL 140157 80896152	2	CRV 110192 RSL 110176		94 79	106 77	93 79	115 75	120 49	114 66	105 77	94 42	110 61	92 28	94 15	98 1.17	77 1.5	86 1	106 18.2	93 1.6	108 94	99 24.5	96 65	104 45	94 -27	97 0.2	92 7.8	121 -21.1	116 -3.4	106 35.3	103 0	100 13	92 -0.12	92 -1.20	98 -0.21
RSL 140213 80896590	1	RSL 120040 RSL 100158		88 79	116 76	97 77	87 73	104 48	106 65	110 76	108 36	107 59	109 17	114 42	85 2.54	104 -2.1	113 42	116 23.7	97 2.8	105 86	115 38.0	111 119	105 47	117 -65	109 0.8	117 23.2	107 -13.1	103 -1.1	95 29.0	127 18	120 31	106 1.32	92 -1.25	91 -0.83
NCB 150027 82623299	1	NCB 120044 NCB 120036		98 74	99 75	113 76	101 73	86 44	97 63	102 75	90 30	94 56	97 16	92 12	103 0.70	88 0.0	96 16	99 14.4	113 7.8	113 104	95 20.2	93 53	77 -20	97 -32	101 0.4	89 6.4	90 -3.3	85 2.1	106 35.5	103 -1	98 12	91 -0.23	100 0.08	103 0.21

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
RSL 150047 81599490	1	HJS 080356 RSL 050046		102 80	93 78	101 79	113 75	117 51	106 67	95 78	89 38	102 61	95 19	86 5	104 0.61	90 -0.2	86 2	93 11.2	101 4.1	102 79	94 19.2	95 61	88 8	102 -40	100 0.3	109 18.4	124 -22.6	109 -2.1	101 32.3	118 11	101 14	99 0.53	105 0.82	100 -0.09
RSL 150055 81599532	4	BPJ 100075 RSL 070026		108 79	102 77	112 79	121 73	100 50	119 66	118 77	89 43	113 61	89 42	88 7	107 0.29	99 -1.4	82 -4	102 16.1	112 7.5	125 134	100 25.1	97 68	97 28	94 -27	99 0.3	99 12.0	114 -16.9	96 0.1	97 30.1	97 -5	96 10	98 0.46	85 -2.37	105 0.40
NCB 160006 83892711		NCB 120044 NCB 070007		112 76	83 68	118 73	92 73	77 37	82 60	85 71	82 26	79 53	85 15	101 24	116 -0.74	100 -1.6	106 30	83 6.1	118 9.4	97 67	89 15.3	89 38	98 30	98 -34	104 0.5	93 8.6	91 -4.1	84 2.2	81 20.4	102 -1	93 8	78 -1.54	96 -0.53	104 0.25
NCB 160033 85288058	2	NCB 120044 NCB 100028		110 76	99 73	106 71	104 72	90 43	102 62	104 73	95 28	100 55	94 22	91 11	110 -0.11	102 -1.8	94 14	99 14.4	106 5.6	108 92	97 22.5	97 68	125 97	103 -41	97 0.1	99 12.0	109 -14.4	87 1.7	91 26.2	98 -5	99 12	95 0.16	91 -1.33	98 -0.27
NCB 170001 85288744	2	NCB 120044 NCB 130019		108 74	93 71	114 69	100 69	82 44	93 60	99 71	86 28	90 54	86 20	95 16	108 0.13	102 -1.8	98 19	93 11.4	114 7.9	107 90	93 18.9	89 39	102 42	97 -31	105 0.6	89 6.3	90 -3.3	83 2.4	97 30.0	98 -5	93 7	78 -1.49	99 -0.09	99 -0.15
NCB 170005 85289049	2	NCB 120044 NCB 130032		107 73	91 71	112 66	92 73	70 45	80 61	91 71	85 28	78 54	85 20	97 19	108 0.15	104 -2.1	107 32	91 10.1	112 7.5	99 70	90 16.4	88 36	107 54	98 -34	110 0.9	89 6.4	71 7.6	77 3.5	96 29.4	100 -3	94 8	82 -1.12	95 -0.72	95 -0.45
NCB 170006 85289056	1	NCB 120044 NCB 110012		109 77	94 75	116 77	100 73	99 45	106 64	102 75	86 28	101 57	91 16	97 20	111 -0.15	101 -1.7	97 17	94 11.9	116 8.8	111 99	91 17.2	92 48	98 31	101 -38	98 0.2	84 3.0	106 -12.3	93 0.7	103 33.8	107 3	101 15	87 -0.65	97 -0.39	103 0.19
NCB 170031 86684354	1	NCB 120044 NCB 150009		100 74	94 73	111 69	102 71	94 44	95 61	96 72	88 29	92 55	87 18	88 7	101 0.86	95 -0.8	96 16	94 11.6	111 7.2	106 89	93 18.4	94 56	98 31	109 -51	99 0.3	96 10.2	104 -11.2	92 0.8	96 29.7	109 4	103 16	83 -0.98	93 -1.03	102 0.09
NCB 180035 88230586		NCB 120036		90 69	93 63	110 55	115 66	110 28	102 52	96 63			83 8	91 12	93 1.71	78 1.4	85 0	93 11.1	110 6.9	111 101	90 16.3	84 20	92 17	85 -11	91 -0.2	87 4.8	106 -12.5	115 -3.3	98 30.7	98 -4	92 6	84 -0.91	91 -1.31	101 0.00
NCB 190001 88296900	1	ZYL 150015 NCB 120023		97 75	90 72	114 67	104 71	89 37	89 60	92 71	96 29	88 54	86 14	87 6	98 1.15	92 -0.5	93 12	90 9.4	114 8.0	106 89	90 16.1	101 84	88 7	106 -47	87 -0.4	85 4.0	98 -7.7	87 1.7	100 31.6	109 4	98 12	93 0.00	98 -0.22	90 -0.86
NCB 190018 89607691	1	ZYL 150015 RSL 120005		93 73	97 73	135 65	97 68	89 42	103 60	108 71	110 32	104 54	103 16	99 22	94 1.59	92 -0.5	99 21	97 13.3	135 14.3	127 139	100 24.9	110 119	116 75	115 -62	95 0.1	98 11.4	101 -9.4	78 3.3	110 37.9	124 16	111 23	105 1.14	101 0.29	92 -0.70
NCB 190042 89804173	1	ZYL 150015 RSL 130063		107 74	92 65	120 65	109 68	84 40	99 57	103 67	103 30	99 52	101 14	88 7	108 0.12	95 -0.9	89 6	92 10.7	120 10.0	117 115	93 18.5	106 103	76 -21	107 -47	96 0.1	94 9.1	84 -0.1	82 2.7	111 38.2	120 13	108 21	101 0.80	101 0.23	90 -0.87

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																															
NCB 210034 91559823	1	ZYL 150015 NCB 130035		99 72	94 67	115 51	110 50	101 37	104 53	101 63	102 29	103 48	93 16	87 5	98 1.21	96 -1.0	88 4	94 11.7	115 8.3	115 109	93 18.4	105 98	90 12	106 -47	82 -0.7	86 4.4	110 -14.5	100 -0.5	98 30.5	110 5	102 16	103 1.00	94 -0.82	88 -1.04
NCB 210042 92209535	1	GTF 170101 RSL 140157		95 64	95 70	110 60	116 68	123 40	113 56	100 67	97 32	110 51	98 20	89 9	97 1.29	82 0.8	85 0	95 12.5	110 6.7	113 106	95 20.5	98 73	132 113	106 -47	108 0.8	94 9.4	124 -22.6	114 -3.1	113 39.6	115 9	103 16	88 -0.54	103 0.60	108 0.65
NCB 210047 92233972	1	GTF 170106 NCB 140001		91 71	92 69	119 53	112 50	98 37	99 54	99 64	99 22	98 48	95 14	84 2	91 1.97	88 0.0	87 3	92 10.9	119 9.6	118 116	95 20.9	102 87	136 123	116 -64	93 -0.1	103 14.4	99 -8.8	101 -0.6	101 32.5	118 12	109 21	86 -0.75	99 -0.16	107 0.56
NCB 210050 92234004	1	GTF 170106 NCB 160013		103 70	94 70	108 58	98 67	88 38	90 57	93 67	94 22	89 50	97 15	98 20	104 0.54	98 -1.3	100 22	94 11.5	108 6.1	101 75	95 20.6	96 63	112 64	105 -46	106 0.6	96 10.4	93 -5.2	85 2.1	104 34.5	110 5	102 15	88 -0.54	103 0.60	106 0.42
NCB 210051 92234012	1	GTF 170101 NCB 110006		99 71	87 70	122 60	103 68	104 40	99 58	93 68	100 30	98 52	97 23	92 13	99 1.11	95 -0.9	94 13	87 8.1	122 10.5	111 99	93 19.2	101 82	128 103	112 -57	105 0.6	102 13.9	111 -15.5	99 -0.3	105 35.0	113 7	103 17	90 -0.35	97 -0.36	107 0.56
NCB 210053 92731470		GTF 170101 NCB 180035		90 70	88 57	119 54	129 66	114 30	107 50	99 59	89 24	103 45	93 14	80 -4	93 1.76	70 2.5	75 -15	88 8.6	119 9.5	122 127	93 18.9	92 48	127 101	101 -39	104 0.6	91 7.6	109 -14.1	112 -2.6	111 38.4	112 6	98 12	84 -0.95	103 0.55	110 0.76
NCB 220080 94429339	1	GTF 170106 RSL 120073		102 70	98 71	107 53	110 50	90 40	99 55	104 65	101 24	99 49	104 16	91 11	100 0.99	99 -1.5	88 5	98 13.7	107 6.0	111 101	97 22.7	104 96	94 22	111 -54	99 0.3	115 22.0	87 -1.6	96 0.1	99 31.5	119 12	109 22	93 -0.03	103 0.58	103 0.22
NCB 220102 94202587	1	GTF 170101 NCB 170024		102 69	92 69	118 58	102 67	101 37	102 56	98 67	92 27	99 50	93 17	86 4	102 0.76	100 -1.5	95 15	92 10.5	118 9.4	111 100	96 21.7	96 64	132 113	110 -53	110 0.9	95 9.7	102 -10.1	99 -0.4	106 35.7	115 9	103 16	81 -1.19	104 0.67	109 0.67
NCB 220103 94250669	1	GTF 170106 NCB 120024		90 67	100 68	119 51	101 49	92 37	99 52	104 62	104 23	100 46	96 14	96 18	91 1.93	91 -0.3	96 16	100 14.9	119 9.4	119 118	104 28.9	106 100	148 153	121 -71	93 0.0	100 12.9	93 -4.9	96 0.1	100 31.8	123 15	113 26	89 -0.40	101 0.20	107 0.55
NCB 220106 94909553	1	GTF 170106 NCB 190017		102 67	93 70	122 56	104 65	93 36	102 55	102 66	104 22	101 48	99 14	92 13	103 0.65	93 -0.7	93 11	93 11.3	122 10.5	118 116	100 24.7	105 99	124 95	114 -60	104 0.6	101 13.1	95 -6.2	89 1.3	108 36.7	120 12	110 22	93 0.01	106 1.01	101 -0.01
NCB 230002 94909769	1	GTF 170106 NCB 120023		98 61	93 69	107 60	104 67	91 34	90 54	93 66	96 22	89 48	90 15	88 8	99 1.09	94 -0.7	94 13	93 11.1	107 5.8	102 79	100 25.4	100 77	127 102	113 -59	94 0.0	101 13.5	90 -3.1	93 0.6	105 35.0	110 5	102 16	83 -1.00	99 -0.03	105 0.40
NCB 230007 95879151	1	GTF 170106 NCB 120029		91 69	101 69	123 59	97 49	93 34	103 54	107 65	102 22	102 48	99 16	99 22	92 1.78	93 -0.7	100 22	101 15.7	123 10.6	121 123	101 26.1	104 93	126 100	115 -61	98 0.2	103 14.7	91 -3.7	96 0.2	105 35.1	119 12	111 24	92 -0.11	99 -0.05	103 0.19

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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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																															
NCB 230015 96062914	1	GTF 170101 RSL 150047		100 69	93 70	111 60	110 50	114 36	107 55	98 66	96 30	105 50	104 17	89 8 50	100 1.02 73	95 -0.9 59	89 5 50	93 11.1 70	111 7.0 60	109 96 60	97 22.2 66	99 76 42	118 79 25	110 -53 13	109 0.8 47	104 15.4 49	116 -18.1 35	108 -2.0 21	107 36.3 53	124 16 48	106 19 43	94 0.11 16	110 1.60 18	109 0.74 16
NCB 240009 97942163	1	GTF 170101 NCB 130025		102 68	87 70	115 53	127 51	97 35	101 53	99 64	93 28	98 48	92 16	76 -9 49	101 0.83 73	88 0.0 58	77 -12 51	87 8.0 70	115 8.4 53	116 112 58	88 14.4 70	95 61 40	121 86 22	110 -54 13	101 0.4 48	91 7.2 46	101 -9.4 34	98 -0.2 20	102 33.3 52	117 10 45	101 14 40	86 -0.69 16	103 0.53 17	110 0.75 16
NCB 240016 97942239	1	GTF 170106 NCB 170009		97 68	99 69	111 50	94 49	86 34	93 52	99 63	103 21	93 46	100 14	102 26 49	99 1.07 73	97 -1.2 56	105 29 49	99 14.4 69	111 7.2 50	106 88 56	104 28.2 70	103 92 28	152 161 22	118 -67 11	102 0.4 34	103 14.7 33	89 -2.6 33	89 1.4 18	101 32.4 50	117 10 32	111 23 29	88 -0.51 13	104 0.63 15	106 0.45 13
NCB 240020 97942270	1	NCB 220104 NCB 190018		100 62	96 64	128 42	99 41	87 29	102 47	107 57			99 10	97 19 42	100 0.94 68	97 -1.1 49	97 18 41	96 13.1 64	128 12.1 42	122 126 49	102 26.7 66	109 111 26	152 161 14	120 -70 10	101 0.4 29	103 14.3 30	94 -5.8 28	84 2.4 14	105 35.0 44	122 15 29	113 25 27	94 0.06 10	103 0.46 11	99 -0.18 10
NCB 240028 97942346	1	GTF 170106 NCB 120023		93 66	92 68	116 53	109 50	88 34	91 52	96 63	96 22	90 46	93 15	85 3 49	93 1.68 71	89 -0.1 57	89 6 50	92 10.7 68	116 8.5 53	113 103 57	96 21.2 68	100 81 31	117 77 22	112 -57 12	94 0.0 36	102 13.8 36	89 -2.5 32	93 0.6 18	100 31.8 52	112 6 34	104 17 31	85 -0.80 14	99 -0.04 16	106 0.42 14
NCB 250001 98718018	1	GTF 170106 RSL 110255		91 59	97 60	120 52	98 50	88 36	94 48	99 57	101 24	94 43	99 16	100 23 50	93 1.69 61	89 -0.1 53	99 20 50	97 13.2 60	120 9.7 52	114 108 54	102 26.6 58	103 90 34	147 149 23	117 -65 11	113 1.1 38	109 18.1 39	91 -3.8 37	89 1.4 20	103 33.6 50	118 11 38	110 22 35	93 -0.02 15	105 0.85 17	106 0.44 15
NCB 250004 99363996	2	GTF 210187 NCB 160006		100 67	102 68	111 47	93 45	92 28	100 50	104 61	94 26	98 45	96 20	106 32 43	101 0.90 73	101 -1.7 54	105 30 45	102 15.9 68	111 7.2 47	108 93 53	104 28.8 44	100 81 35	101 39 13	111 -55 14	100 0.3 44	119 24.2 42	97 -7.3 26	94 0.5 16	95 29.1 42	96 -6 40	99 13 35	96 0.28 20	91 -1.41 21	103 0.19 20
NCB 250006 99364010	2	GTF 210187 NCB 150027		91 67	118 69	106 48	90 45	95 30	111 51	118 62	101 27	109 46	107 20	111 38 44	91 1.89 73	99 -1.5 53	109 36 45	118 24.3 69	106 5.5 48	116 111 54	112 35.8 48	105 99 36	88 7 13	112 -56 14	99 0.3 46	120 24.6 44	94 -5.7 30	94 0.5 18	107 36.3 43	100 -3 42	106 19 37	107 1.33 20	93 -1.12 21	103 0.20 20
NCB 250007 99364028	1	GTF 210187 NCB 190001		92 67	104 69	110 44	98 44	98 28	102 50	106 61	101 27	102 45	98 20	100 23 41	91 1.97 73	97 -1.2 53	100 21 44	104 17.3 69	110 6.7 44	113 104 52	104 28.9 45	107 105 37	96 27 13	115 -61 14	92 -0.1 46	116 22.2 43	100 -8.9 25	95 0.3 16	105 34.6 42	100 -3 42	102 15 38	104 1.12 20	92 -1.26 21	96 -0.37 20
NCB 250010 99364051	2	GTF 210187 NCB 220102		102 65	104 68	110 41	97 43	103 28	110 48	108 59	100 26	108 44	102 20	99 23 41	100 0.95 72	105 -2.2 51	101 23 43	104 16.9 68	110 6.9 41	112 102 51	106 30.2 47	105 96 36	118 79 16	117 -65 14	103 0.5 45	121 25.2 43	102 -9.9 29	101 -0.7 15	107 36.2 39	103 0 41	105 18 36	99 0.58 20	95 -0.81 21	105 0.41 20
NCB 250011 99364069	1	GTF 210187 NCB 220106		102 65	104 68	112 40	98 42	99 27	110 48	110 59	106 25	109 43	104 20	103 27 40	101 0.84 72	102 -1.9 50	99 21 42	104 17.1 68	112 7.5 40	115 108 50	107 31.5 47	109 114 34	114 70 15	119 -68 13	101 0.4 42	124 26.9 40	98 -8.0 29	96 0.1 15	108 36.6 38	106 1 39	108 21 35	105 1.18 19	96 -0.65 21	101 0.07 19
NCB 250014 99364093	2	GTF 210187 NCB 210042		87 64	110 68	107 42	101 43	114 29	115 48	111 59	103 28	113 44	106 22	103 27 41	86 2.40 71	92 -0.5 51	97 18 43	110 20.5 68	107 5.9 42	118 116 51	109 33.1 44	107 105 37	117 76 16	115 -62 15	103 0.5 45	121 25.6 43	112 -15.8 29	109 -2.1 17	110 38.1 40	105 1 42	107 20 37	103 1.03 21	94 -0.85 22	105 0.40 21

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 Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
NCB 250019 99364143	1	GTF 210187 NCB 210053				88 65	104 66	112 40	105 42	110 26	110 47	108 58	100 26	108 43	103 20	98 21	87 2.29	88 0.0	92 10	104 17.2	112 7.4	119 120	106 30.6	104 93	114 70	113 -59	101 0.4	120 24.8	104 -11.5	107 -1.9	110 37.9	103 0	105 18	102 0.84	94 -0.88	106 0.46
NCB 250022 99939316	2	GTF 210187 NCB 210051				94 66	104 68	113 42	96 43	104 29	108 49	107 60	105 27	107 45	106 22	104 29	93 1.74	100 -1.6	101 24	104 17.1	113 7.6	114 107	107 30.8	109 112	114 69	119 -68	101 0.4	126 28.2	105 -12.0	101 -0.7	107 36.0	105 1	108 21	105 1.22	91 -1.34	105 0.37
NCB 250023 99939324	2	GTF 210187 NCB 170031				104 66	99 69	108 45	100 44	100 30	104 50	102 61	97 27	102 45	97 21	97 19	104 0.59	102 -1.9	97 18	99 14.4	108 6.2	107 91	100 25.2	103 89	102 40	116 -63	98 0.2	120 25.0	103 -10.8	98 -0.2	103 33.6	99 -4	103 17	99 0.59	89 -1.66	102 0.11
NCB 250026 99939357	2	GTF 210187 NCB 230007				93 64	112 68	112 41	92 36	99 27	112 47	116 58	107 26	111 43	108 20	110 36	92 1.82	102 -1.8	107 32	112 21.6	112 7.3	117 115	111 34.9	111 120	113 66	120 -70	98 0.2	127 28.9	94 -5.9	99 -0.4	107 36.1	109 4	114 26	108 1.45	92 -1.19	103 0.19
NCB 260004 6020648025	3	GTF 210187 RSL 140157				96 66	111 57	98 48	102 46	112 32	115 47	111 55	101 32	112 44	103 24	104 29	97 1.31	94 -0.8	96 16	111 20.8	111 3.1	111 99	108 31.8	105 98	103 44	109 -52	97 0.2	119 24.4	111 -15.3	109 -2.2	105 34.6	98 -5	104 17	106 1.25	89 -1.76	100 -0.03
NCB 260005 6020648033	2	GTF 210187 NCB 170005				103 65	103 55	108 43	92 45	87 30	98 45	104 53	97 26	97 41	99 22	105 31	102 0.72	106 -2.4	107 32	103 16.6	108 6.0	105 86	103 27.5	101 83	105 49	112 -56	104 0.5	118 23.7	86 -1.0	90 1.2	100 31.6	96 -6	101 14	101 0.76	90 -1.51	99 -0.14
NCB 260007 6020648058	2	GTF 210187 RSL 130092				92 67	110 58	96 49	101 46	105 33	107 48	108 56	103 30	106 44	107 24	103 28	89 2.08	99 -1.4	97 18	110 20.6	96 2.5	108 92	108 32.1	107 107	97 28	111 -55	91 -0.2	122 25.8	107 -13.3	101 -0.7	103 33.8	99 -4	104 17	107 1.36	92 -1.22	107 0.51

Selection List on Cow Value

Bulls 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										
										Italics: DNA Test																						
													★★★★																			
1	GTF 210187	GTF210187	LAR 170152	KDT 190016	7	4.2				0	0	0	97	83	117	86	103	55	92	53	104	40	116	62	119	76	108	46	115	59	114	38
2	NCB 230004	NCB230004	GTF 170106	RSL 150055	7	1.3							102	58	98	69	118	52	118	49	95	36	111	51	113	62	99	26	109	46	99	24
													★★★★☆																			
1	NCB 230023	NCB230023	GTF 170106	NCB 210034	6	1.0							108	66	86	56	120	42	110	41	96	32	100	45	97	53	105	22	100	40	99	14
2	NCB 230024	NCB230024	GTF 170101	NCB 130018	6	0.9							106	66	86	57	113	50	119	50	102	34	100	48	95	56	94	28	98	44	94	16
3	NCB 240003	NCB240003	GTF 170106	NCB 120004	6	0.5							105	66	86	68	114	53	119	49	99	33	100	52	96	62	93	20	97	46	90	14
4	NCB 240006	NCB240006	GTF 170101	NCB 160033		0.8							109	68	90	67	118	49	113	49	102	34	108	51	103	62	103	27	107	46	97	18
5	NCB 240017	NCB240017	GTF 170106	RSL 140213	6	1.0							92	68	105	70	111	51	94	49	97	35	102	53	105	64	108	24	103	47	109	14
													★★★★																			
1	NCB 230003	NCB230003	GTF 170106	NCB 130025	7	0.9							105	59	86	69	116	53	126	50	87	36	97	52	99	62	97	22	95	46	93	14
2	NCB 240001	NCB240001	GTF 170106	NCB 170031	7	0.8							96	65	92	68	120	48	106	48	93	34	97	51	99	61	99	22	96	45	94	14
3	NCB 240002	NCB240002	GTF 170106	NCB 190029	6	1.0							90	65	96	68	120	47	99	47	92	34	95	51	99	61	109	22	97	45	100	16

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Q204X	nt821	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										
												★★★★★																			
1	NCB 210042	NCB210042	GTF 170101	RSL 140157	8	1.4						95	64	95	70	110	60	116	68	123	40	113	56	100	67	97	32	110	51	98	20
2	RSL 130037	RSL130037	RSL 070205	MMJ 000238	7	2.6						107	80	93	79	130	81	119	77	92	54	113	68	114	79	111	41	113	63	102	26
3	RSL 140157	RSL140157	CRV 110192	RSL 110176	8	2.1						94	79	106	77	93	79	115	75	120	49	114	66	105	77	94	42	110	61	92	28
4	RSL 150055	RSL150055	BPJ 100075	RSL 070026	7	4.0						108	79	102	77	112	79	121	73	100	50	119	66	118	77	89	43	113	61	89	42
												★★★★☆																			
1	NCB 160033	NCB160033	NCB 120044	NCB 100028	6	2.0						110	76	99	73	106	71	104	72	90	43	102	62	104	73	95	28	100	55	94	22
2	NCB 170006	NCB170006	NCB 120044	NCB 110012	7	0.8						109	77	94	75	116	77	100	73	99	45	106	64	102	75	86	28	101	57	91	16
3	NCB 180035	NCB180035		NCB 120036	8	0.0						90	69	93	63	110	55	115	66	110	28	102	52	96	63					83	8
4	NCB 190018	NCB190018	ZYL 150015	RSL 120005	6	0.7						93	73	97	73	135	65	97	68	89	42	103	60	108	71	110	32	104	54	103	16
5	NCB 210034	NCB210034	ZYL 150015	NCB 130035	6	0.7						99	72	94	67	115	51	110	50	101	37	104	53	101	63	102	29	103	48	93	16
6	NCB 210053	NCB210053	GTF 170101	NCB 180035	8	0.5						90	70	88	57	119	54	129	66	114	30	107	50	99	59	89	24	103	45	93	14
7	NCB 220102	NCB220102	GTF 170101	NCB 170024	7	0.6						102	69	92	69	118	58	102	67	101	37	102	56	98	67	92	27	99	50	93	17
8	NCB 220106	NCB220106	GTF 170106	NCB 190017	7	1.0						102	67	93	70	122	56	104	65	93	36	102	55	102	66	104	22	101	48	99	14
9	NCB 230007	NCB230007	GTF 170106	NCB 120029	7	1.0						91	69	101	69	123	59	97	49	93	34	103	54	107	65	102	22	102	48	99	16
10	NCB 230015	NCB230015	GTF 170101	RSL 150047	6	1.2						100	69	93	70	111	60	110	50	114	36	107	55	98	66	96	30	105	50	104	17
11	NCB 240009	NCB240009	GTF 170101	NCB 130025	6	0.9						102	68	87	70	115	53	127	51	97	35	101	53	99	64	93	28	98	48	92	16
12	NCB 240020	NCB240020	NCB 220104	NCB 190018	6	1.0						100	62	96	64	128	42	99	41	87	29	102	47	107	57					99	10
13	RSL 140213	RSL140213	RSL 120040	RSL 100158	8	1.4						88	79	116	76	97	77	87	73	104	48	106	65	110	76	108	36	107	59	109	17
14	RSL 150047	RSL150047	HJS 080356	RSL 050046	7	0.9						102	80	93	78	101	79	113	75	117	51	106	67	95	78	89	38	102	61	95	19
												★★★★																			
1	NCB 120029	NCB 120029	PLB 090008	RGR 050127	7	3.1						97	74	100	69	112	78	98	74	92	45	99	62	102	72	93	34	96	56	91	20
2	NCB 130025	NCB 130025	PLB 090008	RGR 030229	6	3.1						112	80	87	78	104	81	131	76	82	49	94	67	98	79	88	32	91	60	82	18
3	NCB 140001	NCB 140001	PLB 090008	NCB 070007	6	1.6						105	80	90	72	108	80	108	74	96	41	95	63	93	75	90	32	92	57	85	16
4	NCB 150027	NCB 150027	NCB 120044	NCB 120036	6	1.0						98	74	99	75	113	76	101	73	86	44	97	63	102	75	90	30	94	56	97	16
5	NCB 170001	NCB170001	NCB 120044	NCB 130019	7	2.2						108	74	93	71	114	69	100	69	82	44	93	60	99	71	86	28	90	54	86	20
6	NCB 170031	NCB170031	NCB 120044	NCB 150009	7	1.0						100	74	94	73	111	69	102	71	94	44	95	61	96	72	88	29	92	55	87	18

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID					% Inbreeding		Q204X nt821 F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
					<i>Italics: DNA Test</i>																							
									★★★★																			
7	NCB 190042	NCB190042	ZYL 150015	RSL 130063	6	0.9			107	74	92	65	120	65	109	68	84	40	99	57	103	67	103	30	99	52	101	14
8	NCB 210047	NCB210047	GTF 170106	NCB 140001	7	0.7			91	71	92	69	119	53	112	50	98	37	99	54	99	64	99	22	98	48	95	14
9	NCB 210050	NCB210050	GTF 170106	NCB 160013	7	0.8			103	70	94	70	108	58	98	67	88	38	90	57	93	67	94	22	89	50	97	15
10	NCB 210051	NCB210051	GTF 170101	NCB 110006	7	1.1			99	71	87	70	122	60	103	68	104	40	99	58	93	68	100	30	98	52	97	23
11	NCB 220080	NCB220080	GTF 170106	RSL 120073	7	1.0			102	70	98	71	107	53	110	50	90	40	99	55	104	65	101	24	99	49	104	16
12	NCB 220103	NCB220103	GTF 170106	NCB 120024	7	0.9			90	67	100	68	119	51	101	49	92	37	99	52	104	62	104	23	100	46	96	14
13	NCB 230002	NCB230002	GTF 170106	NCB 120023	7	0.8			98	61	93	69	107	60	104	67	91	34	90	54	93	66	96	22	89	48	90	15
14	NCB 240016	NCB240016	GTF 170106	NCB 170009	7	0.8			97	68	99	69	111	50	94	49	86	34	93	52	99	63	103	21	93	46	100	14
15	NCB 240028	NCB240028	GTF 170106	NCB 120023	6	0.8			93	66	92	68	116	53	109	50	88	34	91	52	96	63	96	22	90	46	93	15
16	RSL 110056	RSL110056	HJS 030237	MMJ 030224	7	2.0			107	81	97	77	106	78	99	76	84	54	94	67	99	78	91	45	91	63	91	29
17	RSL 110255	RSL110255	RSL 070205	EI 030204	8	0.6			88	80	103	78	111	81	90	77	86	51	91	68	100	79	94	37	90	62	93	22
18	RSL 120073	RSL120073	AEJ 070201	AGS 020054	7	1.4			99	81	94	79	97	81	122	75	91	51	93	68	97	79	95	36	92	62	95	21
19	RSL 130092	RSL130092	HJS 060359	RSL 080019	8	1.7			87	81	105	79	89	81	111	75	107	52	98	68	99	79	97	40	97	62	101	28
									★★★★☆																			
1	NCB 120023	NCB 120023	PLB 090008	NCB 070009	6	1.8			105	77	91	72	101	82	108	76	86	44	88	64	92	75	85	32	85	58	79	20
2	NCB 160006	NCB 160006	NCB 120044	NCB 070007	7	0.4			112	76	83	68	118	73	92	73	77	37	82	60	85	71	82	26	79	53	85	15
3	NCB 170005	NCB170005	NCB 120044	NCB 130032	7	2.1			107	73	91	71	112	66	92	73	70	45	80	61	91	71	85	28	78	54	85	20
4	NCB 190001	NCB190001	ZYL 150015	NCB 120023	7	1.0			97	75	90	72	114	67	104	71	89	37	89	60	92	71	96	29	88	54	86	14

Selection List on Cow Value

Bull calves younger than 2 years

ID Sorted on 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										
						% Inbreeding		Q204X n1821 F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
						Italics: DNA Test																							
										★★★★★																			
1	NCB 250002	NCB250002	GTF 210187	NCB 170006	2.0					99	67	112	69	108	48	92	45	103	30	115	51	116	62	97	26	112	46	104	20
2	NCB 250003	NCB250003	GTF 210187	RSL 150047	1.9					88	68	107	70	105	49	102	46	112	33	110	52	107	63	97	30	108	48	103	21
3	NCB 250009	NCB250009	GTF 210187	NCB 180035	1.2					96	65	108	67	105	40	99	42	108	25	112	47	109	59	95	24	108	42	101	20
4	NCB 250021	NCB250021	GTF 210187	NCB 230015	1.6					102	65	102	68	107	42	102	37	110	28	112	48	106	59	102	27	110	44	109	21
5	NCB 250025	NCB250025	GTF 210187	RSL 150055	3.4					106	66	107	69	108	49	104	45	103	32	117	51	115	62	99	32	114	47	102	28
6	NCB 250028	NCB250028	GTF 210187	RSL 130037	2.1					103	67	107	70	115	50	99	47	98	34	115	52	117	63	112	30	115	48	114	23
7	NCB 260003	NCB260003	GTF 210187	RSL 140213	1.4					94	66	116	57	100	47	90	45	104	31	111	47	114	55	108	28	111	43	111	21
										★★★★☆																			
1	NCB 250005	NCB250005	GTF 210187	NCB 190029	2.0					98	66	98	69	110	44	104	42	102	29	103	49	102	61	104	28	103	45	100	22
2	NCB 250008	NCB250008	GTF 210187	NCB 110016	2.3					95	68	107	70	108	50	103	46	92	31	105	52	112	63	98	28	103	47	99	21
3	NCB 250012	NCB250012	GTF 210187	NCB 230002	1.6					104	64	96	68	107	42	104	43	99	27	101	48	99	59	99	25	100	43	98	20
4	NCB 250016	NCB250016	GTF 210187	NCB 120004	1.4					109	67	101	69	101	50	100	45	106	30	108	51	103	62	95	26	105	46	98	20
5	NCB 250027	NCB250027	GTF 210187	NCB 130025	2.3					107	67	98	70	104	50	111	46	94	32	103	52	104	63	98	28	101	47	99	21
6	NCB 250030	NCB250030	GTF 210187	NCB 170001	2.1					106	66	103	56	108	44	96	44	93	30	104	46	107	54	97	26	102	42	100	22
7	NCB 260001	NCB260001	GTF 210187	NCB 220105	1.2					86	64	110	54	115	36	97	35	93	27	106	42	114	50	107	25	106	39	108	20
8	NCB 260002	NCB260002	GTF 210187	NCB 140001	1.9					96	67	105	56	106	49	100	46	100	29	106	46	107	55	99	28	104	42	100	20
9	NCB 260006	NCB260006	GTF 210187	NCB 190042	1.3					106	66	103	54	111	43	100	43	94	28	107	44	109	52	105	28	107	41	107	20
10	NCB 260008	NCB260008	GTF 210187	RSL 110056	2.8					96	68	110	58	105	48	95	46	94	33	105	48	111	56	99	32	104	45	102	24
11	NCB 260011	NCB260011	GTF 210187	RSL 120073	0.7					95	67	107	58	100	49	104	46	97	32	104	48	108	56	102	29	103	44	105	22

Selection List on Cow Value
Heifers younger than 2 years

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		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
						nt821	F94L																				
						Italics: DNA Test																					
1	NCB 250006	NCB250006	GTF 210187	NCB 150027	2.3			91	67	118	69	106	48	90	45	95	30	111	51	118	62	101	27	109	46	107	20
2	NCB 250010	NCB250010	GTF 210187	NCB 220102	1.6			102	65	104	68	110	41	97	43	103	28	110	48	108	59	100	26	108	44	102	20
3	NCB 250011	NCB250011	GTF 210187	NCB 220106	1.2			102	65	104	68	112	40	98	42	99	27	110	48	110	59	106	25	109	43	104	20
4	NCB 250014	NCB250014	GTF 210187	NCB 210042	1.9			87	64	110	68	107	42	101	43	114	29	115	48	111	59	103	28	113	44	106	22
5	NCB 250019	NCB250019	GTF 210187	NCB 210053	1.2			88	65	104	66	112	40	105	42	110	26	110	47	108	58	100	26	108	43	103	20
6	NCB 250026	NCB250026	GTF 210187	NCB 230007	1.9			93	64	112	68	112	41	92	36	99	27	112	47	116	58	107	26	111	43	108	20
7	NCB 260004	NCB260004	GTF 210187	RSL 140157	2.7			96	66	111	57	98	48	102	46	112	32	115	47	111	55	101	32	112	44	103	24
1	NCB 250004	NCB250004	GTF 210187	NCB 160006	1.6			100	67	102	68	111	47	93	45	92	28	100	50	104	61	94	26	98	45	96	20
2	NCB 250007	NCB250007	GTF 210187	NCB 190001	1.5			92	67	104	69	110	44	98	44	98	28	102	50	106	61	101	27	102	45	98	20
3	NCB 250022	NCB250022	GTF 210187	NCB 210051	2.2			94	66	104	68	113	42	96	43	104	29	108	49	107	60	105	27	107	45	106	22
4	NCB 250023	NCB250023	GTF 210187	NCB 170031	2.3			104	66	99	69	108	45	100	44	100	30	104	50	102	61	97	27	102	45	97	21
5	NCB 260007	NCB260007	GTF 210187	RSL 130092	2.1			92	67	110	58	96	49	101	46	105	33	107	48	108	56	103	30	106	44	107	24
1	NCB 250001	NCB250001	GTF 170106	RSL 110255	6	1.0		91	59	97	60	120	52	98	50	88	36	94	48	99	57	101	24	94	43	99	16
2	NCB 260005	NCB260005	GTF 210187	NCB 170005	2.1			103	65	103	55	108	43	92	45	87	30	98	45	104	53	97	26	97	41	99	22

