

BONSMARA

GENOMIC BREEDING VALUE REPORT

September 2026



ZINKOMO BONSMARAS

Herd Number: 576848

E-mail: jessica@ntabanyoni.co.za
reception@ntabanyoni.co.za



EBVs, EBVi's and GEBVs

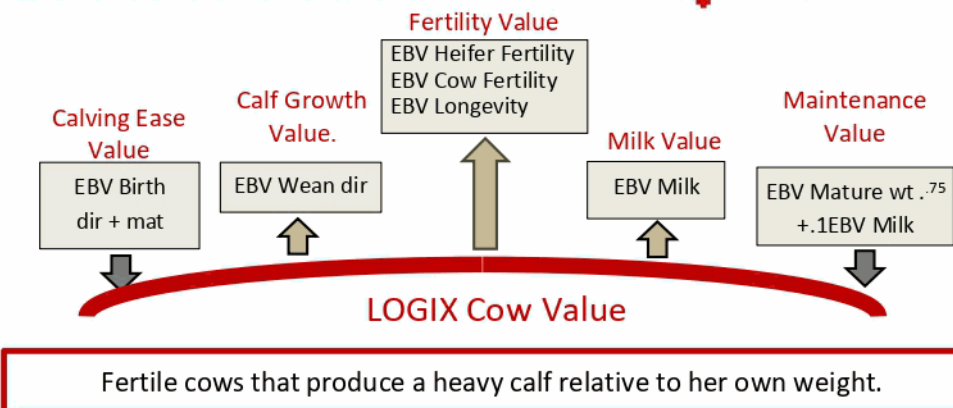
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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



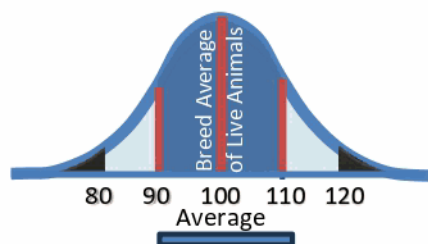
Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

Interpretation of EBVi and Selection Values

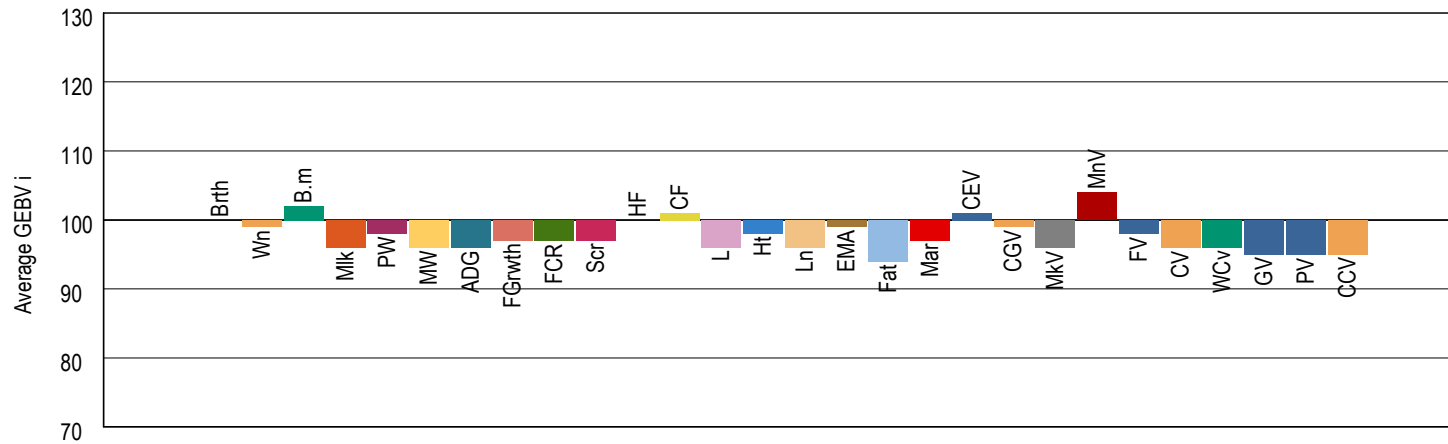


Examples

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
Mk:	Milk	LL:	Longevity
PW:	Post-wean weight	Ht:	Height
MW:	Mature weight	Ln:	Length
ADG:	Average Daily Gain	EMA:	Eye Muscle
FGwrth	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	0.94	100	0.98
	Wean Weight	14.2	99	14.9
	Birth Mat.	-0.39	102	-0.28
	Milk (Wn.Mat.)	2.6	96	3.7
Postwean Growth	Postwean Wt	23	98	25
	Mature Weight	16	96	22
	ADG	63	96	79
	VeldGrowth	28	97	35
	FCR	-32	97	-37
Fertility	Scrotal Circumf.	11	97	13
	Heifer Fertility	-9.2	100	-9.1
	Cow Fertility	-0.65	101	-0.56
	Longevity	29.3	96	31.8
Frame	Height	-4.5	98	-3.1
	Length	9.7	96	13.6
Carcass	EMA	0.616	99	0.683
	Fat	-0.865	94	0.055
	Marbling	-0.339	97	-0.056

Selection Value	Ave. Herd
Calving Ease	101
Calf Growth	99
Milk	96
Maintenance	104
Fertility	98
Cow Value	96
Weaner Calf Value	96
Growth Value	95
Production Value	95
Carcass Value	95

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

What does a sub-selection value above breed average (100) mean?:

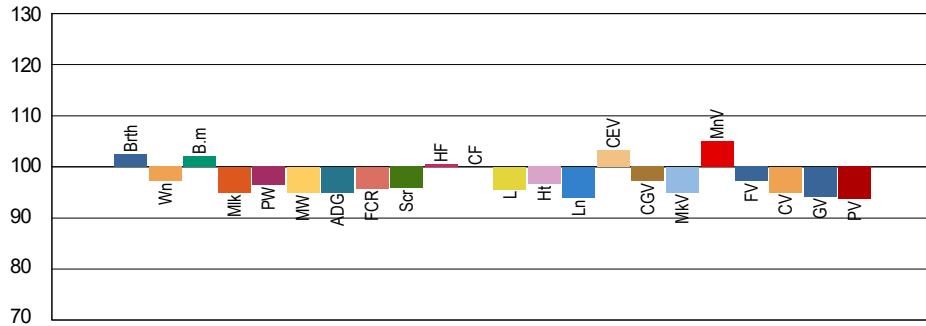
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

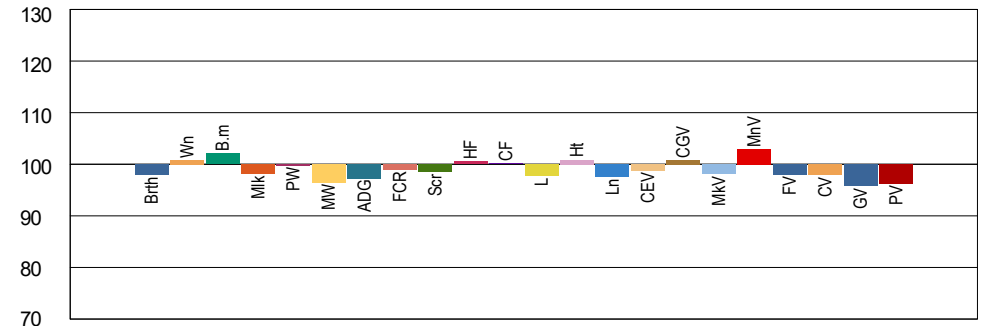
Total: 87



Cow Herd

Cows born in 2024 and earlier

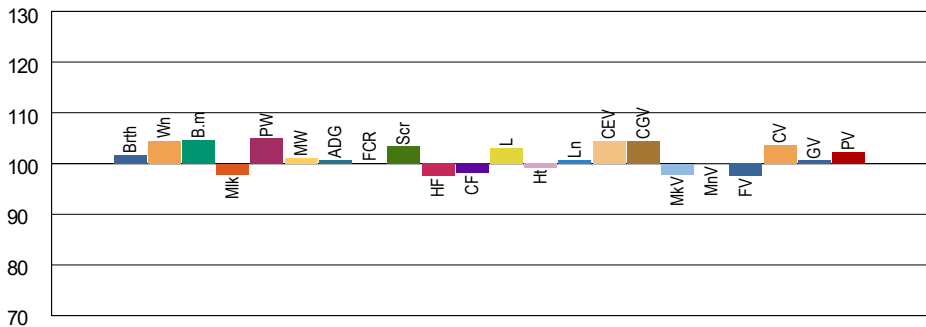
Total: 81



Sires of young animals

Sires of animals 3 years and younger

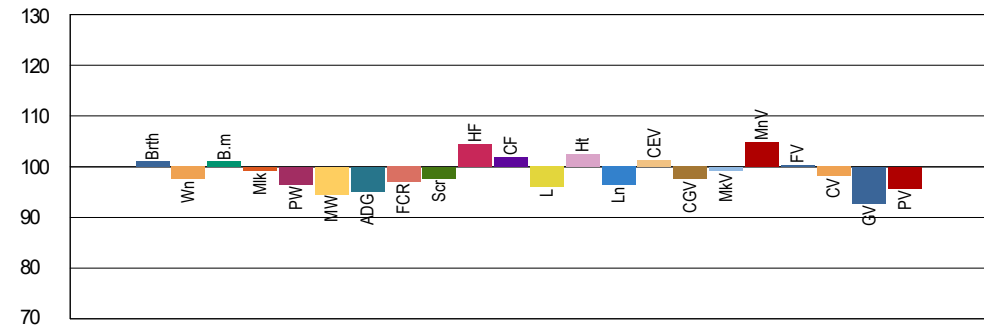
Total: 12



Cows older than 6 years

Cows born in 2020 and earlier

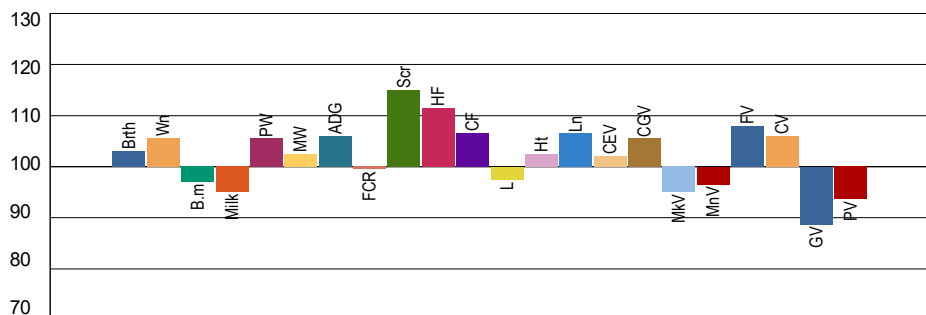
Total: 42



Bull calves

Bulls born in 2025

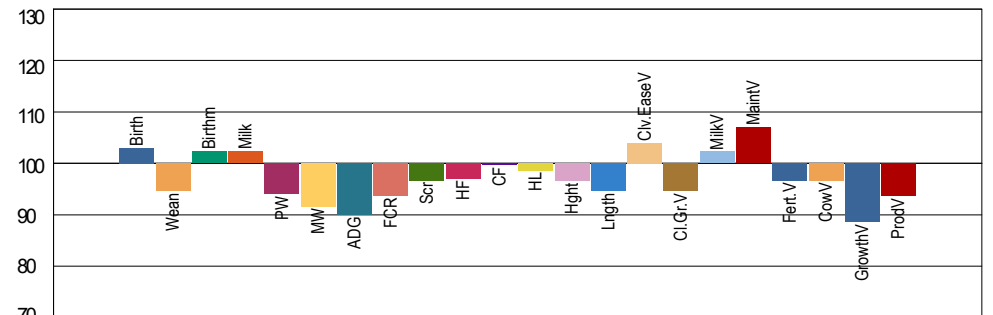
Total: 2



Heifer calves

Heifers born in 2025

Total: 3

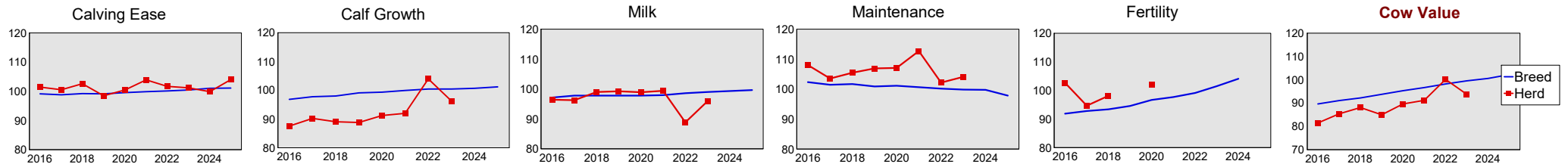


Summary of Cow Herd

			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	100	100	100	100	100	101
2011	2	★★★★	104	103	91	99	88	92	102	93	100	103	114	91	96	100	106	108	98	90	101	85	116	107
2012	3	★★★★	99	89	113	104	102	95	88	92	98	89	102	113	92	94	90	103	94	109	107	88	118	98
2013	4	★★★★	102	101	92	104	99	97	98	96	101	101	103	92	102	95	100	96	103	111	93	99	102	99
2014	5	★★★★☆	104	96	101	111	107	105	87	100	105	96	96	101	95	88	91	84	86	122	101	94	93	90
2017	4	★★★★	104	94	103	103	98	95	89	92	105	94	97	103	93	96	92	92	96	102	97	99	96	94
2018	10	★★★★	101	95	100	107	96	94	94	94	100	95	102	100	93	93	95	100	100	94	104	95	103	95
2019	4	★★★★	101	90	97	113	100	90	80	87	103	90	95	97	88	89	82	81	87	102	107	89	88	81
2020	12	★★★★☆	99	102	99	100	104	102	97	100	99	102	101	99	100	99	98	100	102	106	106	98	106	101
2021	3	★★★★☆	96	104	96	105	78	89	90	86	93	104	108	96	98	97	91	85	89	93	76	97	84	83
2022	2	★★★★☆	84	117	95	99	98	103	102	103	77	117	105	95	113	101	103	98	98	93	101	104	99	102
2023	15	★★★★	97	98	97	102	102	94	91	91	97	98	100	97	96	97	90	92	97	99	113	86	96	94
2024	27	★★★★☆	97	104	97	101	97	100	100	99	96	104	103	97	104	99	101	103	100	98	99	100	101	100
2025	3	★★★★	104	95	102	107	97	97	89	94	103	95	102	102	94	92	90	94	97	97	100	99	97	95
Cows in Herd Average:			99	99	99	104	97	96	93	94	98	99	102	99	97	95	95	96	96	101	100	95	100	95

Genetic Trends for On-Farm Traits

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



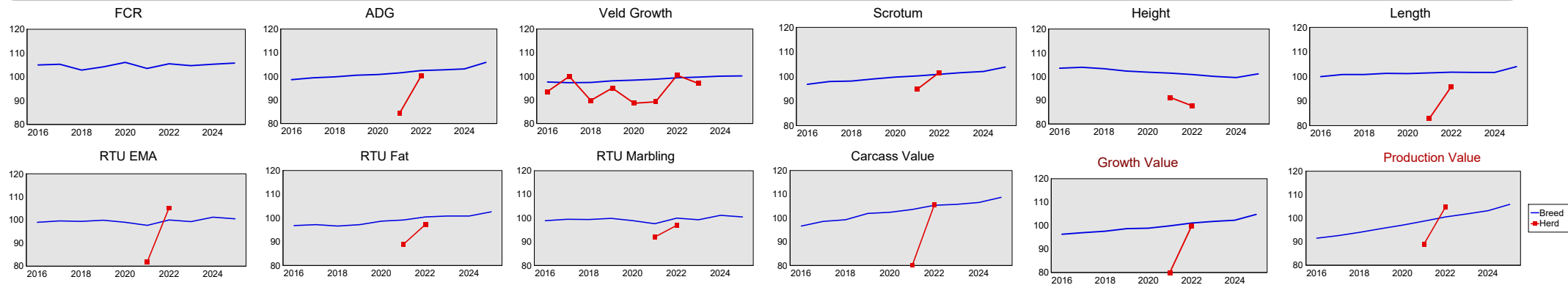
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility							Cow Value	
	Birth Weight		Calv. Ease	Dir EBV	Mat EBV	Weaning Weight	Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility			
	Number	EBV				Number		EBV	Number	EBV	Number	EBV	Number		EBV	Number	EBV	Number	EBV	Number		EBV		Number
2016	86	0.66	-0.03	101		57	8.3	88	57	2.60	96	53	13.6	3	27	108	3	-10.5	1	-5.8	82	19.0	103	82
2017	42	0.78	-0.05	101		30	9.7	90	30	2.57	96	24	16.3	2	23	104	3	-5.8	1	-2.1	42	20.1	95	85
2018	79	0.58	-0.07	103		65	9.1	89	65	3.39	99	57	14.1	10	15	105	7	-7.3	5	-1.1	75	19.5	98	88
2019	7	0.96	0.02	98		20	9.0	89	20	3.47	99	14	14.5			107					24	21.1		85
2020	26	0.73	0.03	100		20	10.3	91	20	3.38	99	16	16.4	2	18	107	5	-14.1	1	-3.7	27	26.0	102	90
2021	42	0.48	-0.14	104		23	10.7	92	23	3.53	99	12	14.2			113					31	26.7		91
2022	30	0.87	-0.33	102		13	17.1	104	13	0.33	89	14	28.8			102					2	29.9		100
2023	59	0.92	-0.37	101		41	12.9	96	41	2.45	96	12	21.6			104								94
2024	50	1.13	-0.47	100																				
2025	4	0.58	-0.30	104																				

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility								Cow Value
	Birth Weight		Calv. Ease	Dir EBV	Mat EBV	Weaning Weight	Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility				
	Number	EBV				Number		EBV	Number	EBV	Milk	Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number	
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			RTU		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	Number	EBV	EBVi	EBV	EBVi	EBV	EBVi				
2017							22	36	100																				
2018							52	11	90																				
2019							9	24	95																				
2020							16	8	89																				
2021				6	20	84	5	9	89	6	9.8	95	6	-10	91	6	-1	83	6	-1.12	82	-1.70	89	-0.74	92	78	80	89	
2022				11	80	100	9	37	100	11	13.8	102	11	-13	88	11	10	96	11	1.19	105	-0.36	97	-0.32	97	106	100	105	
2023							12	29	97																				
2024																													
2025																													

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 Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured					
ID Comp.nr																																		Birth	Wean	Grwth Test	Dght & clvs (Weaned)		
ADV 100321 72007982		ADV 070005 ADV 070052	122	89	53	143	65	70	85	71	66	64	76	119	116	63	89	53	61	75	75	68	65	59	57	93	64	91	61	63	91	69	85	421	348				
			99	99	98	98	97	90	99	96	91	96	-9	-0.97	-3.8	98	99	98	98	2.5	-14	-42	22	-1.97	-12.9	-5.2	5.8	26.4	-34	-19.2	-0.17	-4.84	-1.31	115	86	242			
AG 060151 63532899		AG 020251 AG 990287	91	97	93	117	61	72	94	98	74	85	91	92	81	85	97	93	100	95	105	105	110	80	95	96	59	79	85	85	68	93	115	236	196				
			98	98	96	96	94	89	97	94	90	93	11	1.78	0.9	95	99	97	96	20.2	99	48	-52	-0.78	9.9	-6.5	6.7	19.0	-15	0.7	-2.51	-0.98	1.21	58	51	197			
AG 090319 69887453		CEF 040431 AG 990115	88	100	94	118	85	88	99	88	86	89	80	85	105	85	100	94	105	96	93	88	96	65	66	78	99	92	94	95	103	89	98	8	8				
			82	82	73	71	61	69	79	58	67	60	-4	2.57	-2.2	67	84	76	71	21.7	52	6	-29	-1.64	-7.8	3.3	-0.4	27.3	-8	9.3	1.03	-1.61	-0.22		1	5			
AG 100179 71474498		AG 070230 AG 080312	75	117	97	89	78	87	106	94	87	104	109	82	79	111	117	97	107	117	94	123	110	103	109	84	78	97	103	103	130	86	99	161	149				
			97	97	94	94	92	88	96	91	89	90	35	2.86	1.2	93	98	95	94	40.2	57	91	-54	0.46	18.2	-0.2	3.4	30.1	-1	15.9	3.68	-2.20	-0.13	39	28	78			
AG 130024 76797174		AG 090751 HJB 030230	124	80	84	146	129	112	88	86	106	93	60	127	80	57	80	84	89	82	90	80	60	79	91	120	137	91	66	56	97	118	93	275	295				
			99	99	97	97	95	90	98	95	91	96	-30	-1.82	1.1	97	99	98	97	8.5	43	-14	29	-0.84	7.5	-20.3	-7.1	26.7	-30	-25.5	0.39	2.86	-0.64	100	73	196			
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	61	94	78	71	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 140517 80412133		AG 100179 AG 070553	93	96	93	92	86	77	82	89	76	90	102	102	84	108	96	93	87	99	90	90	101	100	94	94	90	90	96	92	100	85	94	30	20				
			84	84	65	62	51	66	78	40	61	42	26	0.78	0.6	50	89	71	62	84	65	70	81	50	89	28	54	72	47	28	77	53	51	41	44	41		1	1
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	82	97	86	82	96	80	86	92	86	40	83	93	92	68	34	81	91	87	81	86	81	41	18	21
AG 170895 86187291		AG 140141 AG 120356	108	114	99	118	74	110	125	106	109	114	94	108	97	85	114	99	123	107	107	82	85	116	98	71	78	109	87	99	116	94	108	26	21				
			86	87	73	76	52	70	83	48	66	44	15	0.19	-1.2	57	90	78	-1	22.2	3.5	128	31.2	105	-8	-12	1.23	11.8	7.2	3.4	37.6	-14	13.0	2.31	-0.95	0.61	10	8	11
AG 190460 89439343		BBP 130257 AG 120356	92	108	96	100	100	101	104	97	100	106	102	91	96	99	108	96	105	105	98	62	85	102	95	98	100	107	95	96	123	90	97	1					
			72	72	61	58	46	58	68	38	54	31	27	1.91	-1.1	57	76	64	58	72	61	64	72	45	25	29	51	50	46	30	61	49	45	30	32	30			
AJF 160574 84719889		MCU 120006 AJF 120165	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				
			97	97	94	94	93	88	96	95	89	96	-3	0.23	-1.7	94	98	95	94	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			
ARB 140055 80068158		LAR 100023 ARB 040006	108	99	138	93	109	124	115	82	116	95	111	113	97	104	99	138	128	95	87	97	89	109	95	122	94	105	80	95	114	80	80	176	137				
			96	96	88	90	69	82	94	49	75	28	38	-0.34	-1.2	89	98	91	90	96	88	91	94	71	59	21	84	10.0	-21.4	0.6	34.6	-19	8.9	2.09	-3.16	-1.71	7	37	78
BBM 130021 77223733		EI 040024 BBM 070080	80	123	90	72	119	109	112	113	110	117	124	73	103	136	123	90	95	126	106	111	102	76	116	117	114	104	114	103	118	93	113	275	265				
			98	98	95	94	78	86	97	72	83	71	56	3.77	-2.0	94	99	95	94	47.8	101	63	-40	-1.00	22.5	-18.9	-3.1	34.3	8	16.3	2.51	-1.11	1.07	91	56	195			
BBM 170099 85514859		BBM 130021 BBM 130179	112	90	92	102	116	99	86	104	99	94	91	109	111	97	90	92	85	98	102	108	113	78	103	125	109	100	94	84	99	95	110	42	35				
			94	93	89	89	87	84	92	87	85	88	11	0.01	-3.0	89	95	91	89	93	89	90	92	89	85	84	92	14.8	-23.5	-2.2	31.9	-8	-0.8	0.57	-0.67	0.76	10	4	6

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																																		Birth	Wean
Comp.nr																																		Grwth Test	Dght & clvs (Weaned)
BBM 190174 88747761	BBM 130021 BBM 060030	103	98	82	104	100	89	89	84	86	75	86	99	106	95	98	82	84	90	90	68	97	91	88	92	106	105	89	75	87	85	97	6	4	
		77	76	65	62	50	62	72	48	59	38	62	4	1.03	-2.3	62	76	65	68	15.8	40	-42	-31	-0.19	5.3	-4.4	-1.6	34.7	-12	-8.2	-0.59	-2.29	-0.28		
BEI 050101 61142261	BEI 010153 BEI 020028	102	97	92	107	85	86	94	100	87	97	94	98	112	92	97	92	94	95	105	111	109	92	90	96	102	69	109	100	86	94	104	19	20	
		83	85	70	69	53	68	80	52	65	26	15	1.23	-3.2	47	87	74	69	85	70	75	20.9	97	63	-52	-0.11	7.1	-7.0	-0.9	13.3	4	13.4	-0.67	-0.82	0.30
BG 080102 67718106	WAT 050342 BG 980010	89	140	78	73	65	98	134	147	109	149	137	84	118	134	140	78	101	140	147	105	129	85	109	76	66	81	126	135	137	105	133	225	198	
		97	98	95	95	93	88	97	93	89	90	73	2.63	-4.0	92	98	96	73	98	95	96	60.8	257	48	-85	-0.50	18.3	4.4	5.5	20.4	18	44.7	4.34	0.88	2.76
BHE 050032 49819907	BHE 010013 BHE 020112	103	83	89	118	85	75	78	70	70	76	88	105	90	85	83	89	81	84	76	88	75	123	108	115	79	86	93	79	61	86	99	78	72	
		91	94	80	73	65	76	88	54	72	46	7	0.43	-0.2	62	95	82	0	6.1	0.2	28	10.8	-11	6	5	1.61	17.6	-17.6	3.2	23.5	-9	-4.9	-3.26	-2.21	-0.12
GEL 100113 71863401	GEL 060132 GEL 050008	138	102	93	133	107	133	124	83	124	94	81	134	122	72	102	93	114	98	86	93	82	94	97	113	104	97	92	100	110	91	76	155	147	
		97	97	95	94	79	85	96	58	80	90	-2	-2.56	-4.6	94	98	95	-19	16.1	1.5	106	23.3	27	19	-7	0.00	11.2	-16.6	-1.3	30.1	-10	14.0	1.65	-1.36	-2.07
HAS 190021 88205364	ADV 100321 LAR 100013	116	93	78	125	82	88	94	87	85	84	87	111	111	80	93	78	84	92	86	85	82	77	69	100	75	103	81	82	98	84	77	19	5	
		82	77	65	62	53	64	74	49	61	52	6	-0.20	-3.1	61	87	71	-7	11.4	-3.0	34	18.0	28	0	-7	-0.95	-5.5	-9.1	3.8	33.6	-18	-2.0	0.50	-2.52	-2.01
HDT 150018 82174210	HDT 120023 HDT 070043	103	103	123	118	98	121	122	114	121	104	86	104	90	84	103	123	135	104	116	89	138	82	109	107	98	89	112	108	71	94	105	31	22	
		94	94	91	91	90	85	93	92	86	92	4	0.54	-0.2	91	95	92	-2	16.7	10.8	159	28.4	139	9	-100	-0.65	18.2	-13.3	-0.3	25.2	7	20.4	-2.21	-0.82	0.34
HDT 160077 84604164	HDT 130056 HDT 110094	96	115	61	98	102	94	98	127	100	119	98	94	103	102	115	61	80	112	125	82	111	111	117	115	95	98	133	121	120	112	78	54	48	
		95	95	92	91	89	85	94	92	86	92	21	1.58	-2.0	91	96	93	26	23.2	-8.2	26	36.1	174	-9	-54	0.93	23.2	-17.7	0.4	30.6	23	32.5	2.73	1.98	-1.93
JG 130302 79987129	JG 100058 JG 110725	129	97	89	106	122	119	100	77	110	84	87	132	107	93	97	89	91	97	86	99	76	94	107	131	115	97	100	99	82	77	103	125	109	
		96	97	94	93	90	87	96	92	88	90	6	-2.34	-2.6	89	97	94	11	13.1	0.4	52	22.0	26	33	3	0.00	17.2	-27.0	-3.1	29.8	-3	13.1	-1.16	-3.65	0.23
JRB 130019 77237360	RCO 090055 BBN 040032	110	84	115	125	92	98	97	69	90	87	77	109	95	79	84	115	111	85	73	95	85	113	118	67	124	86	79	80	86	107	90	160	130	
		97	97	93	93	91	87	96	88	87	89	-8	0.02	-0.9	92	98	95	-9	6.3	8.3	100	11.3	-23	23	-11	1.03	23.3	9.8	-4.7	23.4	-20	-4.5	-0.76	1.16	-0.86
JRB 130241 77171619	JRB 060038 BBN 070001	90	109	100	96	123	115	106	106	113	120	90	88	101	103	109	100	107	107	102	104	105	76	124	127	118	101	113	112	127	101	121	275	247	
		98	98	95	95	93	89	97	94	90	94	9	2.25	-1.7	95	99	96	26	19.8	3.8	91	31.7	86	47	-45	-1.01	27.0	-24.4	-3.8	32.4	7	24.7	3.38	0.27	1.71
JRB 140044 79531877	JRB 090099 JRB 050054	83	104	109	98	73	84	102	79	80	94	91	80	96	100	104	109	112	95	80	90	88	124	92	82	86	82	97	93	95	89	87	105	86	
		93	94	83	85	64	78	91	47	72	32	11	3.11	-1.0	82	96	88	22	17.1	6.6	102	20.4	4	12	-16	1.67	8.1	1.4	1.9	21.0	-5	7.0	0.22	-1.67	-1.19
JRB 150015 82007899	BBM 050050 JRB 110128	107	116	83	102	137	132	116	109	130	105	87	102	113	97	116	83	102	112	107	112	117	87	106	136	137	92	114	114	113	90	101	107	86	
		93	94	83	85	65	79	91	40	71	40	6	0.74	-3.4	84	96	88	18	23.7	-1.4	79	35.6	107	65	-64	-0.41	16.7	-29.7	-7.2	26.8	8	26.0	2.01	-1.51	-0.01
JRB 170037 85238863	JRB 130015 JRB 100049	103	110	83	119	103	110	112	90	106	99	81	99	110	85	110	83	103	107	90	110	94	81	104	116	97	97	107	105	108	89	102	38	32	
		86	88	68	70	54	70	82	36	63	27	-3	1.11	-2.9	70	91	76	-1	20.2	-1.5	82	31.3	41	60	-27	-0.71	15.1	-18.4	0.1	30.0	3	18.3	1.43	-1.69	0.13

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
JRB 190025 88315643		JRB 130019 JRB 160021	125 84	87 86	99 61	131 57	95 49	105 65	100 78	74 36	97 59	84 40	74 -11 57	124 -1.55 90	105 -2.3 69	74 -16 57	87 7.8 86	99 3.5 61	102 77 68	84 10.5 84	73 -22 46	92 17 22	83 -9 25	102 0.42 51	104 15.3 50	94 -5.5 50	109 -2.2 28	90 25.8 69	78 -20 49	74 -9.7 46	89 -0.43 38	106 0.93 41	98 -0.23 38	34	28
JRB 190147 89503031		JRB 130241 JRB 110266	110 81	107 81	97 64	95 60	120 47	119 64	107 75	99 47	115 61	111 46	95 17 59	110 -0.05 86	108 -2.6 69	104 28 60	107 18.5 81	97 2.8 64	101 76 68	109 32.8 82	97 68 51	119 81 45	95 -28 41	83 -0.63 56	121 25.2 54	120 -20.8 48	111 -2.4 27	112 39.1 65	107 3 54	106 18.7 52	113 1.99 44	99 -0.15 47	116 1.31 45	16	12
JRB 190193 89942361		JRB 140275 JRB 130046	104 75	106 68	109 55	99 52	95 38	110 55	113 65	99 28	107 50	96 18	94 15 52	102 0.81 81	106 -2.3 62	99 21 52	106 18.4 68	109 6.6 55	115 108 58	104 28.8 69	98 73 38	112 64 19	100 -36 14	94 0.01 46	97 10.7 44	94 -5.5 36	99 -0.4 23	101 32.8 56	109 4 43	105 17.9 39	101 0.83 17	96 -0.61 18	100 -0.06 17	9	
LAR 050067 61489209		LAR 030066 LAR 020226	83 94	108 95	106 86	106 77	95 70	101 79	108 91	117 61	104 75	110 60	94 15 71	84 2.62 97	81 0.9 86	81 0.9 86	92 10 77	108 19.4 95	106 5.5 86	118 117 86	110 33.6 92	111 121 85	95 -27 52	94 -0.56 33	84 18.6 92	110 -26.7 71	89 1.4 45	73 15.3 93	80 -19 91	98 12.0 86	120 2.64 58	76 -3.76 63	91 -0.83 58	120 30	100 21 54
LAR 050350 61883021		LAR 030066 LAR 010360	106 99	102 99	107 98	118 97	124 96	127 90	113 99	112 96	126 91	112 95	83 1 96	108 0.13 0.4	91 -0.4 98	84 -1 97	102 15.8 99	107 5.9 98	118 117 98	110 33.8 98	111 122 97	109 56 93	92 -23 93	105 0.60 98	113 20.8 98	142 -32.9 96	109 -2.2 94	94 28.0 98	88 -12 98	92 6.8 97	120 2.69 58	77 -3.58 95	113 1.03 95	376 93	341 101 530
LAR 070090 64983695		BG 040088 LAR 040288	84 98	113 98	111 97	98 96	69 94	93 89	116 97	84 93	89 90	93 92	111 38 95	77 3.36 98	100 -1.6 97	100 22 96	113 21.9 98	111 7.0 97	121 125 97	104 28.3 97	86 25 95	93 18 90	78 -1 90	118 1.30 97	98 11.4 97	82 1.3 94	65 5.7 91	100 31.9 97	93 -9 97	90 4.6 96	103 1.00 92	86 -2.13 92	87 -1.13 92	183 54	155 58 245
LAR 090281 69427102		LAR 070090 LAR 050151	77 97	114 98	114 95	82 93	80 80	93 86	111 97	101 74	93 84	112 82	118 48 83	70 4.12 98	90 -0.2 95	119 50 93	114 22.6 98	114 7.9 95	113 105 95	111 34.6 96	103 90 92	92 16 53	93 -25 53	112 0.99 96	105 15.7 96	75 5.2 85	86 1.9 60	105 34.9 95	92 -9 95	96 9.8 93	107 1.35 80	109 1.51 84	92 -0.71 80	189 64	184 53 207
LAR 140024 80516149		ADV 100321 LAR 110132	105 90	105 92	91 77	110 77	87 62	99 75	105 87	92 62	96 72	92 52	98 20 62	106 0.33 94	94 -0.7 82	89 6 77	105 17.7 92	91 0.8 77	103 80 82	98 23.5 84	92 48 78	82 -9 39	90 -21 40	80 -0.77 84	101 13.6 86	102 -10.1 65	85 2.1 40	98 30.4 82	94 -8 85	91 5.5 79	116 2.27 51	73 -4.16 54	99 -0.14 51	63 14	60 13 20
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 98	95 1.48 99	84 0.6 98	94 13 98	100 15.2 99	98 3.1 98	102 78 98	97 22.2 98	104 94 98	88 6 96	96 -31 97	107 0.72 99	102 14.1 99	101 -9.9 97	102 -0.8 96	109 37.2 98	86 -14 99	81 -2.9 98	136 4.24 98	100 0.08 98	83 -1.50 98	551 205	498 117 263
LAR 140106 80516677		AG 070457 LAR 110029	90 98	120 98	87 95	98 95	112 77	114 86	114 97	121 73	117 83	120 92	105 30 93	92 1.81 99	90 -0.2 96	101 24 95	120 25.7 98	87 -0.2 95	107 90 96	122 44.9 97	116 141 94	111 63 61	113 -58 51	130 1.97 97	117 22.7 96	99 -8.6 86	112 -2.7 54	112 38.9 91	95 -7 96	113 24.9 94	114 2.08 90	93 -1.03 93	76 -2.04 91	328 92	285 82 188
LAR 140265 80515117		LAR 120026 LAR 080168	82 97	136 97	87 95	78 95	101 93	115 88	129 96	125 94	118 89	124 93	127 60 94	60 5.11 97	109 -2.8 96	127 62 95	136 34.0 97	87 -0.4 95	107 89 96	135 55.9 96	129 191 95	113 68 92	150 -119 92	86 -0.47 96	85 3.5 96	83 0.6 93	118 -3.8 92	98 30.8 95	126 17 96	144 52.9 95	133 4.02 93	72 -4.36 93	112 0.95 93	83 28	71 22 66
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 93	111 -0.17 97	81 1.0 95	85 0 94	91 10.3 96	119 9.6 94	118 117 95	94 19.3 94	103 89 93	112 64 89	97 -32 92	139 2.51 95	89 6.4 95	102 -10.5 91	91 1.0 89	102 33.3 93	94 -8 94	98 11.5 93	77 -1.64 92	108 1.38 93	68 -2.77 92	63 16	58 21 51
LAR 150423 83000406		LAR 120455 LAR 100259	79 97	137 97	80 94	80 94	107 91	115 87	126 96	123 91	118 88	124 88	124 55 94	69 4.20 98	119 -4.1 95	125 58 94	137 34.9 97	80 -2.4 94	104 83 95	137 57.7 95	125 174 94	104 45 87	110 -52 87	97 0.17 96	92 8.2 96	103 -10.9 90	101 -0.8 88	114 40.4 94	101 -2 96	121 32.1 94	117 2.34 88	99 -0.09 88	108 0.59 88	154 51	105 31 73
LAR 160470 84774678		BG 120043 LAR 080024	106 85	112 88	112 72	102 75	90 55	117 71	124 83	117 52	118 67	119 36	109 36 48	104 0.60 90	107 -2.5 77	95 15 75	112 21.5 88	112 7.3 72	124 132 78	116 38.9 82	117 145 76	88 6 28	112 -56 24	121 1.48 87	86 4.1 85	112 -15.7 57	81 2.9 33	95 28.7 76	129 20 84	129 38.9 77	120 2.67 35	73 -4.13 37	110 0.81 35	30 12	29 8 13

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
LAR 170014 85313351		LAR 120455 LAR 090356	93	99	98	93	99	90	90	101	91	91	107	96	93	106	99	98	94	96	102	100	113	117	111	91	88	130	73	88	108	96	70	108	106	
			93	95	83	85	63	79	91	57	75	40	33	1.42	-0.7	84	14.5	3.1	59	21.8	87	35	-59	1.27	19.4	-3.8	1.6	50.1	-25	3.4	1.44	-0.63	-2.55	42	23	35
LAR 170339 86116795		LAR 140106 LAR 080168	80	139	94	75	116	128	136	112	127	132	123	48	91	131	139	94	113	138	108	119	111	88	141	87	121	125	90	112	108	98	85	367	296	
			99	99	98	98	97	90	99	98	92	98	55	6.40	-0.4	67	35.8	1.8	104	59.1	108	81	-55	-0.34	37.2	-1.4	-4.3	47.1	-11	24.3	1.46	-0.21	-1.36	103	46	81
LAR 170358 86116936		JRP 110073 LAR 100159	116	129	63	93	105	121	122	107	119	131	114	114	132	108	129	63	92	128	105	109	83	104	116	103	91	127	66	100	106	118	110	754	620	
			99	99	98	97	97	90	98	98	92	98	42	-0.48	-5.9	34	30.5	-7.5	54	50.2	98	58	-8	0.55	22.5	-11.0	1.1	48.2	-30	14.0	1.31	2.93	0.83	227	56	81
LAR 180417 88047865		LAR 140106 LAR 080125	92	103	91	98	97	91	94	107	93	106	101	92	97	101	103	91	94	104	106	115	115	94	112	83	112	97	97	103	117	97	90	48	16	
			94	92	88	88	87	83	91	87	84	87	24	1.86	-1.2	24	16.6	0.8	59	28.5	102	72	-61	-0.02	19.8	0.6	-2.6	29.8	-6	16.6	2.40	-0.49	-0.86	1		
													87	95	90	88	92	88	89	90	88	87	85	91	90	87	86	89	89	88	87	87	87			
LAR 200053 90856808		LAR 160470 LAR 170325	103	122	116	88	96	127	133	108	125	123	121	98	116	112	122	116	126	121	104	100	94	123	76	105	85	107	112	121	123	89	102	2		
			70	68	53	53	38	54	64	40	51	27	52	1.22	-3.7	39	26.8	8.7	137	43.5	94	35	-26	1.61	-1.8	-11.7	2.1	36.1	6	32.0	2.98	-1.61	0.12			
													29	75	59	53	68	53	58	62	58	16	16	75	71	38	23	53	68	60	26	28	26			
LAR 200268 90977679		LAR 170339 LAR 140419	76	128	105	76	105	114	125	125	118	131	125	66	90	128	128	105	114	133	120	129	124	98	131	102	91	127	107	122	121	98	87	7	4	
			76	76	61	59	46	61	71	56	60	50	57	4.48	-0.3	64	30.0	5.4	106	54.6	156	107	-77	0.21	31.2	-9.9	1.0	48.2	2	33.5	2.76	-0.28	-1.12	2		
													48	81	66	59	76	61	65	70	67	27	39	80	76	49	28	60	74	68	49	50	49			
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	
													63	93	77	70	90	72	77	89	45	29	35	54	52	49	31	86	50	46	35	39	36			
NBON190016 92685890		AG 140517 NBON160117	99	93	95	99	84	79	84	84	77	87	96	104	89	100	93	95	89	91	88	86	100	115	100	89	87	97	102	93	88	91	92	1	1	
			56	65	44	45	34	48	57	28	44	34	18	0.59	-0.1	22	11.1	2.3	47	17.3	35	3	-36	1.16	12.9	-3.0	1.8	30.3	-2	7.7	-0.50	-1.35	-0.77	1		
													30	61	48	45	65	44	51	52	37	45	16	45	49	29	18	56	42	37	31	36	32			
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	
													57	89	70	61	85	65	70	82	61	21	27	77	73	42	26	78	70	63	33	37	33			
NFS 120003 75089268		AG 060151 NFS 090086	106	93	102	113	72	85	97	108	88	96	94	106	97	87	93	102	102	93	116	91	114	91	95	87	71	94	110	102	80	104	116	13	8	
			81	79	67	65	55	65	75	68	66	64	15	0.35	-1.2	2	11.2	4.2	79	18.3	140	14	-59	-0.19	9.8	-1.8	4.6	28.2	5	15.7	-1.32	0.61	1.32	1	2	
													63	85	72	65	79	67	70	74	65	27	66	77	74	52	38	74	72	66	61	68	61			
NFS 140014 80090939		NFS 110101 NFS 070101	115	84	92	127	102	95	88	63	86	73	76	111	106	78	84	92	88	83	60	94	74	99	108	87	126	81	78	75	99	86	75	74	68	
			91	93	78	76	62	76	88	84	78	79	-9	-0.20	-2.4	-10	6.4	1.1	45	9.7	-71	20	7	0.26	17.8	-1.4	-5.3	20.6	-12	-8.2	0.55	-2.09	-2.13	22	5	20
													73	95	82	76	93	78	82	83	83	33	81	91	89	60	39	86	88	84	76	82	77			
NFS 170142 85588242		NFS 140154 ZVJ 130068	104	109	85	84	100	97	100	130	104	125	107	100	116	119	109	85	87	118	130	98	118	117	115	87	109	97	113	123	142	118	76	21	19	
			93	94	91	91	90	85	93	92	86	92	33	0.94	-3.8	51	19.7	-1.0	41	40.9	192	31	-66	1.25	22.0	-1.6	-2.1	29.8	7	33.6	4.83	2.92	-2.10	12	3	11
													90	94	92	91	94	91	92	92	92	89	92	94	93	89	88	92	93	92	91	93	92			
NFS 190080 88795331		LAR 140064 ZVJ 120063	118	93	101	100	90	96	95	102	96	104	90	118	108	98	93	101	95	97	100	87	93	110	101	93	97	91	93	87	123	96	129	45	40	
			95	95	92	91	90	86	94	92	87	92	10	-0.95	-2.7	19	11.1	4.1	62	22.2	80	5	-26	0.86	13.1	-4.8	0.0	26.3	-8	1.7	3.01	-0.59	2.42	14	6	8
													91	96	93	91	95	92	93	93	92	88	92	94	94	90	88	92	93	92	92	93	92			
NFS 200229 90496647		NFS 170142 NFS 100082	84	123	86	73	76	87	113	143	97	141	134	79	114	135	123	86	93	131	148	122	138	125	130	62	84	107	122	137	144	121	96	3	1	
			89	89	87	87	85	81	88	88	82	88	69	3.15	-3.5	74	27.5	-0.7	56	52.5	260	89	-100	1.73	30.7	12.6	2.2	36.2	14	46.7	5.07	3.35	-0.37			
													86	90	88	87	89	87	88	88	87	85	88	90	89	85	84	87	89	88	87	88	87			

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
NFS 210044 91820621	JG 130302 NFS 190148		114	99	104	101	116	116	103	95	112	103	93	115	104	97	99	104	104	99	97	101	94	86	124	118	112	100	98	105	111	85	99	3		
			71	59	53	52	43	52	59	65	55	62	15	-0.61	-2.1	15	14.3	4.9	83	24.1	68	38	-27	-0.44	26.9	-19.6	-2.7	31.9	-5	17.7	1.74	-2.29	-0.13			
PAD 130177 79066148	PAD 090007 PAD 100133		92	100	94	103	80	82	95	87	80	83	95	88	102	95	100	94	98	97	91	100	110	85	76	92	86	88	102	87	104	93	86	163	140	
			95	96	89	81	71	81	93	58	76	46	17	2.28	-1.9	15	15.0	1.9	68	22.2	45	37	-52	-0.51	-1.8	-4.4	2.0	24.4	-2	2.5	1.08	-1.07	-1.25	22	37	81
PAD 150078 83154419	KVB 110101 KDT 100003		92	107	85	102	92	92	99	96	91	105	98	91	96	97	107	85	96	108	96	104	89	92	98	106	85	97	91	92	116	93	103	120	111	
			95	96	89	75	70	80	92	58	76	48	21	1.92	-1.0	17	18.9	-0.9	63	31.9	63	46	-19	-0.11	11.3	-12.7	2.1	30.3	-10	6.4	2.25	-1.01	0.24	16	38	87
PAD 180015 88299102	PAD 140098 PAD 140020		105	104	92	105	86	96	104	66	87	80	92	100	111	94	104	92	100	97	68	93	62	120	85	102	83	95	61	73	97	102	66	95	75	
			92	93	81	58	57	73	86	50	68	54	12	0.99	-3.0	13	17.2	1.3	74	22.4	-41	20	27	1.45	3.9	-10.4	2.5	28.5	-34	-10.5	0.41	0.34	-2.93	18	21	34
RGR 010162 45534310	RGR 980165 RGR 970086		108	79	78	124	83	68	71	98	70	88	88	108	94	81	79	78	68	76	104	67	108	89	97	84	104	73	101	91	79	102	104	121	115	
			95	96	91	89	74	83	94	56	78	36	7	0.13	-0.8	-5	3.9	-3.0	-3	3.4	93	-43	-50	-0.27	11.2	0.1	-1.2	15.5	-3	5.5	-1.38	0.38	0.28	24	36	104
RGR 060044 63189963	RGR 010041 RGR 950109		83	92	120	110	104	97	96	95	95	88	91	80	89	88	92	120	118	97	98	126	118	90	98	99	116	87	133	110	89	103	100	47	44	
			90	91	82	72	63	75	87	40	68	25	11	3.11	-0.1	5	10.8	9.9	116	22.7	73	97	-67	-0.24	11.6	-8.5	-3.3	23.9	23	22.2	-0.46	0.49	-0.06		17	47
RGR 100070 70974357	VVZ 020072 RGR 060001		95	101	94	101	96	92	94	84	88	86	98	98	89	98	101	94	97	96	91	97	93	98	99	108	98	88	95	89	88	80	88	2	2	
			74	73	63	62	50	61	70	59	61	50	21	1.18	-0.1	19	15.3	2.0	66	21.5	43	28	-24	0.24	12.4	-13.8	-0.3	24.4	-7	3.9	-0.53	-3.04	-1.06		1	2
RGR 120191 76974443	AG 080259 RGR 080082		99	96	84	94	79	72	81	80	70	84	103	103	95	106	96	84	80	94	88	76	100	102	105	87	88	86	99	93	82	93	101	29	20	
			81	83	54	53	46	62	74	36	57	28	28	0.63	-0.8	30	12.8	-1.3	25	19.9	34	-23	-36	0.46	15.7	-1.6	1.5	23.6	-4	7.6	-1.16	-1.08	0.05		1	1
RPE 190118 88513460	RPE 160005 LAR 070286		99	104	81	106	94	92	95	98	91	100	94	101	92	93	104	81	91	104	100	95	94	93	101	110	80	106	92	98	120	81	98	1	1	
			71	71	56	42	43	55	65	36	51	38	15	0.89	-0.5	12	17.2	-2.1	51	28.5	80	24	-27	-0.05	13.3	-15.0	2.9	35.4	-9	12.3	2.67	-2.98	-0.25			
SYF 140089 79672952	 ADV 110336  SYF 060111		98	94	106	115	102	100	98	71	93	76	92	96	94	85	94	106	108	92	75	105	72	82	70	108	102	99	76	86	104	81	120	84	69	
			98	97	96	96	94	89	97	94	90	95	12	1.37	-0.8	0	11.7	5.5	93	17.4	-14	49	9	-0.69	-4.9	-13.4	-1.0	31.2	-22	1.2	1.10	-2.91	1.64	24	28	96
SYF 150155 81674376	 SYF 120090  ADV 080229		123	92	69	129	103	98	90	83	93	86	73	125	98	77	92	69	75	90	84	87	58	88	99	115	95	100	50	61	96	88	74	1022	812	
			99	99	99	99	98	91	99	98	92	99	-13	-1.66	-1.3	-12	10.5	-5.7	12	15.9	18	5	33	-0.34	12.2	-17.7	0.4	31.7	-43	-21.1	0.26	-1.79	-2.27	329	167	283
SYF 160069 83433136	SYF 130223 ADV 080229		110	89	59	130	79	70	78	86	69	79	79	109	126	77	89	59	62	87	82	84	65	72	88	92	66	118	50	44	99	91	85	198	150	
			96	97	92	93	69	83	95	64	79	92	-5	0.01	-5.0	-12	9.1	-8.9	-19	13.8	10	-2	21	-1.23	5.8	-4.4	5.5	42.5	-43	-36.3	0.62	-1.39	-1.35	88	60	108
SYF 170296 86348729	 VIL 140221  SYF 140133		121	88	112	146	68	101	113	81	96	71	66	117	98	55	88	112	134	77	83	79	76	60	117	91	65	95	84	64	129	70	81	135	116	
			97	97	94	94	91	87	96	92	88	94	-22	-0.77	-1.3	-44	8.3	7.3	155	4.0	15	-14	3	-1.87	22.7	-4.1	5.7	28.6	-16	-18.4	3.54	-4.75	-1.65	48	36	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
201215 C32 M SERNICK BONSMARA STOET		0378288MIX NFS 120003 75089268	AG 060151 NFS 090086	85	93	97	102	110	86	95	91	116	114	91	108	80	104	116	96
				65	79	24 69	16 66	5 72	1.12 69	9.8 74	0.59 66	140 65	-59 66	14 27	68	-1.32 61	0.61 68	1.32 61	64
201703 D11 M POGGENPOEL MOLOPO BONSMARAS		0671160BON BBM 170023 85514214	BBM 130021 BBM 130121	90	105	102	90	99	87	112	103	98	98	104	103	106	101	111	103
				58	71	28 68	5 64	-4 71	1.12 68	20.2 73	0.36 27	71 64	-33 27	45 34	48	1.31 38	0.18 40	0.85 38	39
201904 D11 M UP GEORGE FARMS CC		0512088BON LAR 180417 88047865	LAR 140106 LAR 080125	91	103	106	103	97	110	112	109	106	115	115	107	117	97	90	106
				83	92	31 89	17 88	-6 89	1.18 88	19.8 90	0.27 85	102 88	-61 85	72 87	87	2.40 87	-0.49 87	-0.86 87	87
201904 D11 M POGGENPOEL MOLOPO BONSMARAS		0671160BON BBM 190174 88747761	BBM 130021 BBM 060030	89	98	78	75	89	82	88	116	90	97	68	84	87	85	97	75
				62	76	6 70	-8 66	-12 73	1.10 70	5.3 75	0.14 25	40 65	-31 25	-42 36	48	-0.59 37	-2.29 40	-0.28 37	38
202001 C32 M SERNICK BONSMARA STOET		0378288MIX NFS 190080 88795331	LAR 140064 ZVJ 120063	96	93	96	87	93	91	101	94	100	93	87	102	123	96	129	104
				86	95	22 93	2 92	-8 93	1.13 92	13.1 94	0.54 92	80 92	-26 92	5 88	92	3.01 92	-0.59 93	2.42 92	92
202101 C32 M SERNICK BONSMARA STOET		0378288MIX NFS 200229 90496647	NFS 170142 NFS 100082	87	123	137	137	122	115	130	69	148	138	122	143	144	121	96	141
				81	89	59 88	47 88	14 89	1.20 88	30.7 89	0.98 88	260 87	-100 88	89 85	88	5.07 87	3.35 88	-0.37 87	88
202101 D11 M UP GEORGE FARMS CC		0512088BON LAR 200053 90856808	LAR 160470 LAR 170325	127	122	121	121	112	110	76	87	104	94	100	108	123	89	102	123
				54	68	45 65	32 60	6 68	1.18 64	-1.8 71	0.66 16	94 58	-26 16	35 16	40	2.98 26	-1.61 28	0.12 26	27
202102 D11 M UP GEORGE FARMS CC		0512088BON LAR 200268 90977679	LAR 170339 LAR 140419	114	128	132	122	107	121	131	97	120	124	129	125	121	98	87	131
				61	76	55 72	33 68	2 74	1.21 71	31.2 76	0.48 39	156 67	-77 39	107 27	56	2.76 49	-0.28 50	-1.12 49	50
202104 D11 M POGGENPOEL MOLOPO BONSMARAS		0671160BON BBM 210060 92016013	BBM 170099 BBM 130181	93	94	78	73	82	90	85	127	93	111	66	94	91	99	104	84
				55	71	6 66	-10 62	-17 70	1.13 66	4.1 72	-0.06 17	53 61	-55 17	-46 23	42	-0.23 38	-0.11 42	0.26 38	40
202105 D11 M		0671160BON																	

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
202105 D11 M POGGENPOEL MOLOPO BONSMARAS		0671160BON																	
		BBM 210230	LAR 170014	97	104	91	91	90	104	88	118	91	101	86	91	103	93	78	89
		92021849	BBM 080035	58	72	18 69	6 64	-11 71	1.17 68	5.8 74	0.10 19	46 63	-38 19	3 25	44	1.02 29	-1.10 30	-1.91 29	30
202201 D11 M HANZYL BONSMARAS		0476078BON																	
		GZV 210138	AG 170895	107	103	107	104	105	98	103	93	99	91	94	98	115	92	110	109
		92561703	GZV 180156	48	56	33 64	17 59	1 68	1.15 64	14.6 71	0.54 15	75 58	-23 15	20 17	40	2.21 26	-1.27 28	0.78 26	27
202201 D11 M ZINKOMO BONSMARAS		0576848BON																	
		NBON210060	SYF 150155	105	86	83	68	61	122	103	88	87	68	77	86	92	87	74	83
		92397512	SYF 140240	60	72	11 70	-15 67	-34 72	1.22 70	14.7 74	0.63 42	29 66	16 42	-19 34	56	-0.11 65	-2.05 70	-2.22 65	68
		NBON210062	NBON190016	86	86	81	85	96	84	97	115	82	84	58	80	74	97	81	81
		92397538	NBON180015	43	61	8 57	0 50	-6 62	1.11 56	11.0 66	0.15 10	13 48	-11 10	-65 23	34	-1.93 48	-0.43 59	-1.65 49	54
		NBON210073	AG 140458	103	89	97	105	124	69	96	112	98	105	101	96	96	100	109	93
		92551803	NBON120039	54	69	23 61	18 55	16 65	1.07 60	10.2 68	0.21 15	71 54	-45 15	39 13	38	0.32 52	0.08 61	0.70 52	56
		RPE 210122	RPE 190118	89	110	109	113	109	103	93	92	103	97	115	102	123	80	103	103
		93410868	RPE 190138	47	63	35 61	25 55	4 65	1.16 60	8.6 68	0.57 18	92 53	-31 18	72 20	40	3.01 50	-3.09 60	0.17 51	55
		RPE 210184	PAD 180015	95	112	86	78	75	112	95	117	82	85	86	80	101	109	74	94
		93542942	RPE 180094	54	69	13 66	-6 61	-23 69	1.19 65	9.6 72	0.12 15	10 59	-11 15	2 16	40	0.75 53	1.43 63	-2.26 54	58
202202 C32 M SERNICK BONSMARA STOET		0378288MIX																	
		NFS 210044	JG 130302	116	99	104	105	98	110	124	100	97	94	101	95	111	85	99	103
		91820621	NFS 190148	52	59	29 66	18 62	-5 69	1.18 66	26.9 72	0.43 64	68 61	-27 64	38 18	65	1.74 58	-2.29 66	-0.13 59	62
202301 D11 M ZINKOMO BONSMARAS		0576848BON																	
		NBON220021	LAR 180417	108	104	98	99	94	109	109	108	104	111	92	99	113	100	90	101
		95435517	LAR 160122	52	68	24 63	13 58	-8 67	1.18 62	18.2 70	0.29 19	94 57	-54 19	17 87	41	1.95 52	0.02 61	-0.88 53	56
		NBON220023	LAR 050067	102	113	103	98	91	112	96	95	106	104	95	105	121	84	86	99
		95435525	RPE 180027	56	70	29 66	12 62	-10 69	1.19 66	10.2 71	0.51 21	102 60	-42 21	24 87	44	2.76 52	-2.45 61	-1.21 53	56
		NBON220024	SYF 150155	105	105	105	87	75	125	115	72	106	85	101	110	109	97	95	110
		95449443	RPE 130008	57	63	31 70	2 67	-23 72	1.23 70	21.6 74	0.93 44	104 66	-11 44	39 36	57	1.56 63	-0.38 69	-0.47 64	66

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
202301 D11 M ZINKOMO BONSMARAS		0576848BON																	
		NBON220028		103	96	88	90	101	84	75	109	83	80	96	84	104	90	102	90
		95436507	NFS 170326	43		15	5	-3	1.11	-2.1	0.27	17	-4	25		1.04	-1.50	0.14	
					60	58	52	62	57	65	29	50	29	87	44	51	60	51	56
		NBON220029		101	119	112	106	91	125	105	86	110	102	116	110	112	112	103	116
		95435533	LAR 170358 RPE 180095	56		37	19	-10	1.23	16.0	0.67	119	-40	74		1.90	1.98	0.20	
					71	67	64	70	67	72	28	63	28	32	48	60	66	61	63

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	
				Sire ID Dam ID																																
NFS 120003	75089268	4	AG 060151 NFS 090086		106	93	102	113	72	85	97	108	88	96	94	15	0.35	-1.2	2	11.2	4.2	79	18.3	140	14	-59	-0.2	9.8	-1.8	4.6	28.2	5	16	-1.32	0.61	1.32
					81	79	67	65	55	65	75	68	66	64	63	85	72	65	79	67	70	74	65	27	66	77	74	52	38	74	72	66	61	68	61	
AG 140517	80412133		AG 100179 AG 070553		93	96	93	92	86	77	82	89	76	90	102	102	84	108	96	93	87	99	90	90	101	100	94	94	90	90	96	92	100	85	94	
					84	84	65	62	51	66	78	40	61	42	26	0.78	0.6	33	12.9	1.4	41	23.7	43	11	-38	0.3	9.2	-5.8	1.2	25.7	-6	6	0.70	-2.32	-0.59	
															50	89	71	62	84	65	70	81	50	89	28	54	72	47	28	77	53	51	41	44	41	
BBM 170023	85514214	2	BBM 130021 BBM 130121		87	105	88	94	103	90	93	103	91	103	98	85	99	106	105	88	92	106	98	104	98	72	112	104	105	97	99	90	106	101	111	
					71	71	60	59	47	58	67	48	56	39	20	2.59	-1.5	30	17.8	-0.1	53	30.6	71	45	-33	-1.2	20.2	-11.5	-1.4	30.0	-4	5	1.31	0.18	0.85	
															59	74	64	59	71	60	63	66	64	34	27	77	73	49	33	58	71	64	38	40	38	
CHC 170166	86249026		BG 080102 CHC 100256		98	107	92	88	83	88	99	107	90	114	114	94	113	114	107	92	93	108	111	94	109	90	88	93	86	85	123	113	111	104	116	
					69	67	62	58	42	56	65	48	54	38	42	1.61	-3.3	42	18.6	1.3	56	31.7	121	20	-52	-0.2	5.8	-4.9	2.0	22.8	15	25	1.82	0.76	1.31	
															40	72	63	58	67	62	62	60	62	29	27	77	73	42	29	56	71	64	37	40	37	
LAR 180417	88047865	7	LAR 140106 LAR 080125		92	103	91	98	97	91	94	107	93	106	101	92	97	101	103	91	94	104	106	115	115	94	112	83	112	97	97	103	117	97	90	
					94	92	88	88	87	83	91	87	84	87	24	1.86	-1.2	24	16.6	0.8	59	28.5	102	72	-61	0.0	19.8	0.6	-2.6	29.8	-6	17	2.40	-0.49	-0.86	
															87	95	90	88	92	88	89	90	88	87	85	91	90	87	86	89	89	88	87	87	87	
NBON180032	87943353	2	NCM 110009 NBON120019		112	83	105	104	102	92	84	85	88	84	95	111	106	94	83	105	91	84	89	79	101	91	93	95	113	93	101	88	81	96	100	
					67	67	51	47	35	51	61	28	46	19	16	-0.22	-2.4	13	5.9	5.2	52	11.0	39	-15	-38	-0.2	8.3	-6.4	-2.8	27.8	-2	3	-1.25	-0.61	-0.02	
															35	72	55	47	67	51	55	62	36	14	16	43	41	33	20	53	40	36	18	20	18	
NBON180043	87943494	2	RGR 120191 NBON130105		104	87	87	101	81	70	76	74	67	79	96	106	96	98	87	87	78	87	80	85	93	107	99	98	79	94	101	88	77	88	99	
					66	64	46	43	34	49	58	28	45	25	19	0.35	-1.1	19	8.2	-0.3	20	13.5	4	1	-26	0.7	11.9	-7.9	3.1	28.0	-3	3	-1.64	-1.81	-0.12	
															36	72	53	43	64	46	51	55	32	18	20	38	37	28	21	54	36	33	24	26	24	
NBON180046	87943528	1	RGR 120191 HOT 040108		105	93	91	100	93	85	86	87	83	87	97	104	104	99	93	91	86	90	91	91	101	100	96	97	104	86	109	94	84	98	99	
					68	69	50	45	35	52	62	25	47	19	19	0.56	-2.1	20	11.3	0.8	40	16.1	45	13	-38	0.3	10.4	-7.2	-1.2	23.2	4	8	-0.90	-0.33	-0.10	
															25	74	55	45	69	50	55	70	30	16	18	35	34	31	18	56	33	31	18	20	18	
NBON180052	87943569	1	AG 140458 NBON150070		97	96	102	97	93	89	91	86	86	91	102	99	94	101	96	102	97	97	90	90	93	90	88	101	94	96	103	95	88	99	104	
					66	67	46	49	35	51	61	26	46	30	27	1.10	-0.8	24	12.7	4.4	67	22.0	43	11	-25	-0.2	5.4	-9.4	0.5	29.5	-1	9	-0.55	-0.14	0.26	
															34	72	55	49	67	46	54	69	34	14	16	39	38	33	18	53	37	34	28	31	28	
NBON180054	87943577	1	AG 140458 NBON150101		99	94	104	98	92	88	90	85	85	90	101	100	97	101	94	104	97	96	91	94	96	91	88	98	95	95	104	95	87	98	104	
					66	67	46	49	35	51	61	26	46	30	25	0.96	-1.1	23	11.5	4.9	66	21.3	44	22	-30	-0.2	5.5	-8.0	0.3	29.0	0	10	-0.66	-0.24	0.25	
															34	72	55	49	67	46	54	69	34	15	16	39	38	33	19	53	37	34	28	32	28	
NBON180077	87943445		AG 140458 NBON150068		114	86	106	100	94	91	87	85	88	89	97	115	105	98	86	106	93	89	90	85	88	87	89	100	98	92	100	93	85	97	102	
					65	65	44	46	32	49	59	24	44	28	20	-0.55	-2.3	19	7.5	5.6	57	15.6	40	-1	-17	-0.4	6.3	-9.0	-0.1	27.2	-3	7	-0.77	-0.36	0.07	
															32	71	53	46	65	44	52	67	31	13	13	37	36	27	16	52	35	32	27	30	27	
NBON180080	87943460	1	AG 140458 NBON150084		97	96	92	103	94	87	89	88	85	91	99	98	93	96	96	92	92	93	93	81	94	91	90	99	98	92	103	94	86	100	104	
					65	65	46	48	35	50	59	25	45	30	22	1.20	-0.7	16	13.0	1.4	54	19.1	53	-11	-27	-0.2	6.6	-8.4	-0.3	26.8	-1	9	-0.69	0.07	0.27	
															34	71	54	48	65	46	53	67	35	14	13	40	39	34	19	53	38	35	28	31	28	

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
NBON180107	91933499	1	NFS 120003 NBON140012		109 66	87 54	103 50	104 48	98 37	90 47	86 54	102 36	91 45	91 33	94 16	108 0.18	105 -2.2	94 13	87 7.9	103 4.5	93 56	88 14.1	106 102	107 54	112 -57	93 -0.1	93 8.6	103 -10.5	97 0.0	97 30.1	117 11	104 17	81 -1.24	105 0.81	113 1.00
BBM 190174	88747761	2	BBM 130021 BBM 060030		103 77	98 76	82 65	104 62	100 50	89 62	89 72	84 48	86 59	75 38	86 4	99 1.03	106 -2.3	95 15	98 13.7	82 -1.9	84 35	90 15.8	90 40	68 -42	97 -31	91 -0.2	88 5.3	92 -4.4	106 -1.6	105 34.7	89 -12	75 -8	87 -0.59	85 -2.29	97 -0.28
HAS 190021	88205364	6	ADV 100321 LAR 100013		116 82	93 77	78 65	125 62	82 53	88 64	94 74	87 49	85 61	84 52	87 6	111 -0.20	111 -3.1	80 -7	93 11.4	78 -3.0	84 34	92 18.0	86 28	85 0	82 -7	77 -1.0	69 -5.5	100 -9.1	75 3.8	103 33.6	81 -18	82 -2	98 0.50	84 -2.52	77 -2.01
NFS 190080	88795331	1	LAR 140064 ZVJ 120063		118 95	93 95	101 92	100 91	90 90	96 86	95 94	102 92	96 87	104 92	90 10	118 -0.95	108 -2.7	98 19	93 11.1	101 4.1	95 62	97 22.2	100 80	87 5	93 -26	110 0.9	101 13.1	93 -4.8	97 0.0	91 26.3	93 -8	87 2	123 3.01	96 -0.59	129 2.42
HAS 200197	90863507	2	LAR 150423 AG 100276		82 72	124 62	94 60	91 60	94 43	106 55	118 63	115 36	108 51	112 28	110 38	77 3.36	112 -3.2	109 35	124 27.8	94 2.0	112 102	121 43.8	117 145	87 5	108 -50	97 0.2	101 13.1	92 -4.7	90 1.2	112 39.2	103 -1	115 27	107 1.43	93 -1.12	93 -0.65
LAR 200053	90856808	1	LAR 160470 LAR 170325		103 70	122 68	116 53	88 53	96 38	127 54	133 64	108 40	125 51	123 27	121 52	98 1.22	116 -3.7	112 39	122 26.8	116 8.7	126 137	121 43.5	104 94	100 35	94 -26	123 1.6	76 -1.8	105 -11.7	85 2.1	107 36.1	112 6	121 32	123 2.98	89 -1.61	102 0.12
LAR 200268	90977679	7	LAR 170339 LAR 140419		76 76	128 76	105 61	76 59	105 46	114 61	125 71	125 56	118 60	131 50	125 57	66 4.48	90 -0.3	128 64	128 30.0	105 5.4	114 106	133 54.6	120 156	129 107	124 -77	98 0.2	131 31.2	102 -9.9	91 1.0	127 48.2	107 2	122 33	121 2.76	98 -0.28	87 -1.12
NBON200004	90114315	1	AG 140458 NBON120046		112 60	86 69	106 53	112 50	91 38	92 52	91 62	80 28	88 47	83 31	90 10	112 -0.25	101 -1.7	87 3	86 7.7	106 5.4	99 70	87 13.3	86 24	87 5	87 -15	98 0.2	89 6.3	107 -13.1	89 1.4	94 28.3	98 -5	88 3	78 -1.50	98 -0.31	102 0.08
NBON200006	90783713	1	AG 140458 RBB 080003		104 59	90 68	96 53	125 50	99 36	96 51	94 61	74 30	90 47	84 30	83 1	103 0.64	94 -0.8	80 -8	90 9.8	96 2.4	98 69	85 11.8	82 12	60 -62	89 -19	83 -0.6	88 5.6	111 -15.1	99 -0.4	92 27.1	97 -5	88 3	88 -0.56	95 -0.79	95 -0.47
NBON200008	90114323	3	AG 140517 NBON130105		104 65	85 67	92 49	100 46	85 36	72 51	74 61	78 28	69 46	81 30	96 18	109 0.04	91 -0.3	99 20	85 6.9	92 1.1	79 23	88 14.6	81 7	82 -8	92 -23	106 0.7	93 8.4	101 -9.8	80 3.0	98 30.5	99 -4	88 3	85 -0.79	84 -2.42	95 -0.44
NFS 200229	90496647	2	NFS 170142 NFS 100082		84 89	123 89	86 87	73 87	76 85	87 81	113 88	143 88	97 82	141 88	134 69	79 3.15	114 -3.5	135 74	123 27.5	86 -0.7	93 56	131 52.5	148 260	122 89	138 -100	125 1.7	130 30.7	62 12.6	84 2.2	107 36.2	122 14	137 47	144 5.07	121 3.35	96 -0.37
BBM 210060	92016013	8	BBM 170099 BBM 130181		103 69	94 71	87 54	110 52	104 41	93 55	89 65	94 42	91 52	84 40	85 3	102 0.73	98 -1.3	89 6	94 11.8	87 -0.2	89 46	91 17.0	93 53	66 -46	111 -55	71 -1.3	85 4.1	107 -13.1	103 -1.0	103 33.5	82 -17	73 -10	91 -0.23	99 -0.11	104 0.26

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	
			Sire ID Dam ID																																
BBM 210230 92021849		LAR 170014 BBM 080035		97 72	104 72	90 61	99 59	104 44	97 58	96 68	91 44	95 55	89 30	96 18 59	97 1.24 75	97 -1.2 64	100 23 59	104 16.8 72	90 0.7 61	95 60 64	96 21.1 68	91 46 63	86 3 25	101 -38 19	95 0.1 77	88 5.8 74	101 -9.6 48	102 -1.0 29	108 36.8 55	90 -11 71	91 6 64	103 1.02 29	93 -1.10 30	78 -1.91 29	
GT 210141 93124253	2	AG 150769 GT 190055		124 70	88 60	96 51	126 51	90 41	99 51	97 59	93 48	97 50	104 48	79 -4 51	125 -1.61 74	103 -2.0 59	79 -9 51	88 8.3 60	96 2.3 51	96 63 54	86 12.6 59	97 68 51	88 7 26	91 -21 44	91 -0.2 54	93 8.8 54	85 -0.2 44	96 0.2 24	103 33.6 54	80 -19 53	82 -2 51	97 0.34 47	140 6.31 50	102 0.10 47	
GZV 210138 92561703	3	AG 170895 GZV 180156		113 68	103 56	99 48	112 51	89 35	107 48	111 56	98 40	105 46	109 27	94 15 34	114 -0.47 73	101 -1.7 57	87 4 51	103 16.6 56	99 3.4 48	110 96 52	102 26.4 60	99 75 58	94 20 17	91 -23 15	104 0.5 75	103 14.6 71	90 -3.1 36	91 1.1 20	106 35.3 48	105 1 68	104 17 59	115 2.21 26	92 -1.27 28	110 0.78 26	
JRB 210181 92789676	4	JRB 170037 JRB 180127		94 68	107 56	97 45	122 45	106 37	112 47	112 54	89 24	107 42	97 22	77 -8 49	91 1.95 73	93 -0.6 56	82 -5 45	107 18.6 56	97 2.7 45	115 110 49	103 27.7 57	89 39 33	102 40 13	97 -31 12	94 0.0 37	106 16.3 36	97 -7.6 39	114 -3.0 22	101 32.4 51	101 -2 36	99 12 33	102 0.89 21	98 -0.32 23	100 -0.05 21	
NBON210047 92416700		AG 140458 NBON100058		109 64	81 63	107 47	108 36	100 29	89 47	82 57	83 22	85 42	89 28	90 10 31	108 0.11 69	102 -1.8 50	90 7 36	81 4.6 63	107 5.9 47	93 57 49	83 10.2 48	87 29 30	92 16 12	83 -8 12	91 -0.2 35	87 5.1 34	107 -13.0 25	101 -0.8 14	92 27.2 49	100 -3 33	91 6 30	85 -0.80 27	97 -0.45 30	100 -0.04 27	
NBON210048 92416932	1	AG 140458 NBON140033		105 67	83 68	102 50	121 50	100 36	92 52	86 62	79 28	87 47	84 32	84 2 41	107 0.27 72	90 -0.2 57	82 -4 50	83 5.9 68	102 4.2 50	95 61 56	86 12.4 55	84 18 36	88 6 17	87 -15 18	98 0.2 42	90 6.6 41	115 -17.6 34	97 0.0 21	95 28.8 54	97 -5 40	86 2 36	77 -1.62 30	95 -0.72 33	103 0.19 30	
NBON210050 92397470	1	AG 140458 NBON120019		107 68	86 69	109 53	109 50	95 37	92 53	90 63	85 26	89 48	89 30	89 9 37	105 0.41 73	102 -1.9 57	90 7 50	86 7.6 69	109 6.4 53	100 74 57	89 14.9 58	89 39 35	86 3 15	95 -28 40	87 -0.4 15	90 6.7 39	97 -7.4 36	99 -0.3 21	98 30.7 54	106 2 38	94 8 35	85 -0.78 28	100 0.09 31	103 0.17 28	
NBON210054 93626588	1	AG 140458 NBON140092		107 67	89 57	100 48	113 42	94 34	91 47	91 55	85 26	88 43	86 30	89 9 37	108 0.16 72	96 -1.0 53	87 2 42	89 9.0 57	100 3.7 48	97 65 49	90 16.0 56	90 42 34	101 39 15	98 -33 15	87 -0.4 39	91 7.6 38	108 -13.5 32	94 0.5 19	89 25.5 51	102 -2 37	93 8 35	86 -0.73 28	99 -0.13 31	100 -0.07 28	
NBON210060 92397512	6	SYF 150155 SYF 140240		126 72	86 72	86 62	136 62	107 49	105 60	94 69	86 56	101 59	83 68	68 -19 62	128 -1.96 75	93 -0.6 66	70 -23 62	86 7.2 72	86 -0.6 62	89 48 65	84 10.5 68	87 29 66	77 -19 34	68 16 42	91 -0.2 78	103 14.7 74	117 -18.7 54	98 -0.2 33	104 34.3 59	61 -34 72	68 -15 67	92 -0.11 65	87 -2.05 70	74 -2.22 65	
NBON210062 92397538		NBON190016 NBON180015		110 59	86 61	95 37	110 41	94 22	86 43	83 54	80 34	82 41	81 54	88 7 16	112 -0.23 66	96 -1.0 47	89 6 41	86 7.2 61	95 2.3 37	87 43 46	80 6.8 51	82 13 48	58 -65 23	84 -11 10	133 2.1 71	97 11.0 66	94 -5.8 18	100 -0.5 10	95 28.6 39	96 -6 62	85 0 50	74 -1.93 48	97 -0.43 59	81 -1.65 49	
NBON210073 92551803	1	AG 140458 NBON120039		101 69	89 69	109 53	104 51	118 37	103 54	90 64	96 38	101 51	93 56	100 24 41	101 0.85 73	98 -1.3 59	94 13 51	89 9.0 69	109 6.5 53	101 75 58	95 20.8 64	98 71 54	101 39 13	105 -45 15	73 -1.2 73	96 10.2 68	120 -20.6 34	114 -3.1 20	101 32.2 56	124 16 65	105 18 55	96 0.32 52	100 0.08 61	109 0.70 52	
NBON210091 92890862	1	AG 140458 NBON180033		108 66	92 67	103 47	107 49	102 34	99 51	95 61	86 26	96 46	91 30	94 15 43	109 0.06 72	99 -1.5 55	91 9 49	92 10.7 67	103 4.7 47	100 74 54	90 15.7 68	91 47 34	87 5 14	91 -22 15	90 -0.2 40	92 8.2 39	103 -10.7 31	102 -1.0 18	100 31.9 52	95 -7 38	89 4 35	84 -0.92 28	99 -0.09 32	102 0.09 29	

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
				Sire ID																															
NFS 210044	91820621	1	JG NFS	130302190148	11471	9959	10453	10152	11643	11652	10359	9565	11255	10362	9315	115-0.6176	104-2.160	9717	9914.359	1044.953	10483	9924.157	9768	10138	94-2764	86-0.475	12426.972	118-19.646	112-2.725	10031.959	98-569	1051862	1111.7458	85-2.2966	99-0.1359
RPE 210122	93410868	3	RPE RPE	190118190138	8265	11063	8744	9734	9534	8947	9756	10240	9046	10355	10226	842.6271	860.350	10225	11020.063	87-0.444	9665	11134.958	10392	11572	97-3118	78-0.973	938.668	112-15.934	852.124	10031.644	109465	1132555	1233.0150	80-3.0960	1030.1751
RPE 210184	93542942	4	PAD RPE	180015180094	8970	11269	9354	9446	9039	9554	10563	8040	9051	9458	10327	862.4074	101-1.758	10529	11221.269	931.578	10278	10630.162	8210	862	85-1115	1372.476	959.672	100-9.244	891.429.7	9629.750	75-2369	78-661	1010.7553	1091.4363	74-2.2654
RPE 210216	93543379	3	LAR RPE	140265140001	8972	12571	9360	7956	11043	11457	11967	12550	11856	12960	12558	872.3775	108-2.663	12660	12528.171	931.781	10381	12849.763	124172	10957	132-9076	88-0.376	917.273	112-15.944	114-3.030	9428.256	1241670	1283863	1263.3256	86-2.1164	1282.3357
NBON220004	98942576	2	AG LAR	140458080295	10971	9661	10456	10352	9640	10152	10060	8736	9749	9336	9719	1060.3542	109-2.860	9514	9613.051	1045.056	10381	9822.960	9665	10241	97-31-0.452	88-0.452	10113.351	100-9.339	101-0.726	9528.755	103-150	95946	89-0.3735	1010.2338	1020.2335
NBON220006	93329605	4	LAR LAR	170358170270	11862	11061	9356	10157	10142	11752	11560	9742	11350	11350	10328	115-0.5563	115-3.659	9819	11020.461	931.756	10585	11135.161	9769	10343	85-1129	1121.057	10716.956	102-10.150	911.143.0	11843.053	69-2856	95954	1091.5449	1030.5350	95-0.4949
NBON220021	95435517	3	LAR LAR	180417160122	10968	10468	9150	10747	10336	10852	10562	9941	10650	10156	9416	1090.0637	101-1.756	9210	10417.368	911.176	10176	10126.258	10494	9217	111-541.074	1121.074	10918.270	101-9.537	103-1.123	10434.148	94-867	991358	1131.9552	1000.0261	90-0.8853
NBON220023	95435525	4	LAR RPE	050067180027	8370	11370	10057	9852	9644	10256	11065	10544	10254	9956	10327	822.9041	94-0.860	10123	11322.170	1003.957	100103	11033.664	106102	9524	104-4221	85-0.575	9610.271	120-20.245	930.728	8220.958	91-1069	981262	1212.7652	84-2.4561	86-1.2153
NBON220024	95449443	3	SYF RPE	150155130008	11473	10563	7563	10062	11150	10557	9764	11057	10657	11066	9618	116-0.7475	102-1.967	9921	10517.962	75-3.863	8435	10832.166	106104	10139	85-110.677	10621.674	11521.674	119-19.755	105-1.534	9830.960	75-2372	87267	10963	97-0.3869	95-0.4764
NBON220027	96841846	1	HAS NBON	190021110058	11367	9453	8049	11042	8638	8547	8953	9331	8444	9129	9618	1080.1442	114-3.454	907	9411.642	80-2.349	8229	9016.051	9561	850	94-2619	84-0.647	843.245	90-3.438	940.525	9227.150	96-745	92642	90-0.3128	94-0.8730	91-0.8028
NBON220028	95436507		NFS	170326	10860	9660	10137	10337	10526	10343	9753	8444	9843	9056	9517	1080.0937	102-1.846	9514	9612.837	1014.173	10073	9218.343	8317	9625	80-40.729	1070.771	75-2.165	110-14.927	111-2.616	8422.334	101-362	9052	1041.0451	90-1.5060	1020.1451
NBON220029	95435533	2	LAR RPE	170358180095	9870	11971	7658	9356	9442	10156	10967	11048	10354	11663	11138	941.5640	109-2.962	10833	11925.256	76-3.571	9459	11942.066	110119	11674	102-40-0.128	92-0.176	10516.072	101-9.649	881.524	10836.653	91-1070	1061964	1121.9060	1121.9866	1030.2061

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 Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
NBON220031 96869557				PAD 170090		104 60	91 36	93 35	106 23	104 24	92 33	86 38				83 14	94 15	104 0.59	100 -1.5	93 11	91 10.1	93 1.7	89 47	90 15.9	82 11	97 28	78 0	90 -0.2	90 6.8	108 -13.6	115 -3.2	78 18.8	92 -9	86 1	90 -0.30	87 -2.01	98 -0.25
NBON220033 98763170				4 SYF 150155 RPE 190115		96 71	100 70	78 59	111 59	101 47	89 58	89 67	87 48	86 56	87 52		87 6	97 1.31	90 -0.2	89 6	100 14.9	78 -3.1	86 39	98 23.6	90 40	99 33	79 -3	94 0.0	96 10.2	115 -17.5	97 -0.1	91 26.6	71 -26	78 -6	92 -0.07	86 -2.19	90 -0.91
NBON220034 98763188				3 SYF 150155 RPE 140001		117 73	96 72	86 64	114 61	112 49	107 60	96 69	96 50	105 58	97 54		84 2	119 -0.98	100 -1.5	86 2	96 12.7	86 -0.5	91 51	96 21.3	96 64	100 36	81 -5	91 -0.2	98 11.5	129 -25.5	102 -0.9	96 29.2	76 -22	80 -4	99 0.61	92 -1.23	95 -0.44
NBON220035 96869573				3 LAR 180417 NBON180100		98 65	91 64	101 45	103 45	95 31	87 48	88 58	100 31	88 45	95 31		98 21	97 1.27	98 -1.3	95 15	91 10.4	101 4.1	95 62	94 19.7	102 88	110 59	107 -47	94 0.0	101 13.4	91 -3.7	100 -0.6	99 31.3	101 -2	98 12	97 0.41	97 -0.35	98 -0.24
NBON220049 94809621				5 LAR 180417 NBON170054		104 66	96 65	93 46	99 46	102 33	94 49	90 59	97 32	93 46	99 30		99 23	106 0.38	100 -1.6	100 22	96 12.8	93 1.5	90 49	94 19.8	101 81	93 19	109 -51	94 0.0	104 15.0	96 -6.5	110 -2.3	98 30.8	105 1	104 17	103 1.02	91 -1.33	93 -0.68
NBON220059 6020021173				1 AG 140458 JRB 180127		108 68	93 57	107 46	117 46	103 36	106 48	101 55	86 26	101 44	94 33		82 0	108 0.10	95 -0.9	84 -1	93 11.0	107 5.7	108 93	92 17.9	89 38	88 7	92 -24	96 0.1	97 11.2	93 -5.2	113 -2.9	99 31.4	96 -6	92 7	92 -0.15	103 0.61	102 0.09
NBON220060 99395279				5 HAS 190021 HAS 190117		104 56	92 53	85 45	123 43	90 35	88 44	91 51	77 30	83 41	76 34		86 5	101 0.91	101 -1.7	82 -5	92 10.9	85 -0.8	89 47	90 16.0	77 -8	89 9	75 5	82 -0.7	70 -5.2	100 -9.1	89 1.3	98 30.7	79 -20	78 -6	94 0.09	82 -2.80	89 -0.96
NBON220191 98957335				1 AG 140517 NBON150069		101 67	94 56	92 48	92 46	89 34	80 47	83 55	90 24	79 42	92 24		105 30	105 0.48	97 -1.1	108 33	94 11.9	92 1.3	85 36	96 21.1	92 50	81 -9	99 -35	101 0.4	96 10.5	91 -3.7	95 0.3	94 28.0	104 0	94 8	93 -0.01	91 -1.38	98 -0.23
NFS 220198 93669802				1 AJF 160574 NFS 180018		113 71	96 61	93 55	107 56	102 41	101 53	97 61	95 53	99 53	95 52		86 4	110 -0.04	112 -3.2	92 10	96 12.6	93 1.5	94 58	93 18.6	98 74	94 21	111 -55	100 0.3	125 28.0	87 -1.9	113 -2.8	100 31.9	98 -5	97 11	105 1.17	105 0.84	103 0.18
RPE 220024 93633931				2 PAD 130177 RPE 120027		103 72	103 62	98 60	99 55	100 45	103 55	102 62	103 36	102 51	98 32		99 22	101 0.91	106 -2.4	99 21	103 16.4	98 3.2	102 77	102 27.2	106 103	101 39	107 -49	94 0.0	92 8.0	104 -11.5	103 -1.1	92 27.0	107 2	99 13	107 1.34	92 -1.23	97 -0.30
NBON230012 95354320				6 LAR 180417 HAS 200096		98 66	102 65	94 44	109 45	88 33	93 49	100 59	105 32	94 46	104 32		91 11	97 1.30	96 -1.0	90 7	102 15.9	94 1.7	102 78	96 21.8	104 94	101 39	106 -47	98 0.2	102 13.7	91 -3.8	91 1.1	99 31.2	98 -5	102 15	117 2.43	87 -1.96	87 -1.15
NBON230013 95354338				5 LAR 180417 HAS 200024		83 67	104 68	83 47	108 47	106 35	91 51	92 61	98 36	91 48	99 38		90 10	82 2.82	85 0.4	91 9	104 17.1	83 -1.5	94 58	101 25.7	99 75	100 36	95 -28	89 -0.3	108 17.7	105 -12.1	106 -1.6	101 32.3	84 -16	90 5	113 1.95	92 -1.14	86 -1.20

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 Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
NBON230016	95262945	5	LAR 180417 RPE 180061				93 67	105 68	96 48	104 46	83 37	90 52	102 61	101 33	91 48	106 35	95 17	91 1.87	97 -1.2	94 14	105 17.5	96 2.5	104 83	100 25.3	102 85	96 26	102 -40	101 0.4	109 18.1	80 2.5	92 0.9	97 30.2	97 -6	100 13	112 1.85	99 -0.08	91 -0.84
NBON230044	96764907	4	JRB 190025 JRB 200137				110 66	106 67	95 45	104 46	107 34	114 50	110 60	93 30	110 46	102 30	89 8	107 0.30	111 -3.1	94 13	106 18.2	95 2.3	105 86	100 25.1	92 47	97 29	99 -36	93 0.0	110 18.9	106 -12.7	113 -3.0	97 30.1	101 -3	97 11	107 1.38	102 0.37	104 0.27
NBON230045	96761051		BBM 190174 PAD 130100				105 68	93 66	88 53	112 41	98 38	90 51	89 61	82 33	86 47	81 31	86 4	102 0.75	102 -1.8	88 4	93 11.2	88 0.0	89 46	88 14.7	85 22	87 6	86 -14	99 0.3	87 4.9	98 -8.0	98 -0.1	104 34.0	86 -14	78 -6	98 0.51	86 -2.19	92 -0.76
NBON230046	96764923	3	JRB 190147 JRB 200145				109 66	101 66	92 46	97 46	111 33	105 50	98 60	91 28	102 46	101 26	93 14	106 0.30	111 -3.1	102 25	101 15.4	92 1.3	93 57	100 25.0	90 43	109 57	93 -25	97 0.1	108 17.3	111 -15.1	112 -2.6	101 32.6	101 -3	97 11	102 0.84	99 -0.18	106 0.47
NBON230048	96761069		BBM 190174 NBON180015				110 63	92 62	88 44	103 46	101 29	90 47	86 57	81 26	86 43	80 24	92 13	109 0.01	106 -2.4	96 16	92 10.5	88 0.0	83 33	84 10.8	86 25	52 -80	84 -10	102 0.4	90 7.0	95 -6.2	109 -2.2	96 29.5	92 -10	80 -4	82 -1.07	91 -1.35	94 -0.60
NBON230051	96761077		SYF 210052				93 59	91 35	104 29	119 29	87 21	87 32	94 37			76 26	87 6	93 1.69	86 0.4	83 -2	91 10.4	104 5.0	105 86	85 11.5	78 -4	84 -2	68 15	82 -0.7	87 4.9	97 -7.1	103 -1.1	70 14.0	88 -13	77 -6	91 -0.24	77 -3.53	90 -0.87
NBON230052	96761085		NFS 180111				108 60	91 37	100 34	104 34	105 25	97 35	90 40	86 26	93 33	88 26	94 16	109 0.03	99 -1.4	95 14	91 10.2	100 3.8	95 60	90 15.9	90 40	97 29	103 -42	92 -0.1	96 10.4	107 -13.0	115 -3.2	82 21.3	103 -1	96 10	78 -1.51	90 -1.47	102 0.13
NBON230056	98764053		NBON180100				102 56	80 57	106 33	114 34	101 18	86 39	80 50			81 16	89 9	103 0.70	93 -0.7	86 1	80 4.0	106 5.5	93 56	80 7.6	85 21	98 31	82 -6	93 -0.1	87 4.8	106 -12.4	113 -2.8	77 17.9	97 -6	87 2	76 -1.67	92 -1.18	103 0.23
NBON230057	96761119		SYF 170425				103 60	94 61	90 39	113 38	98 26	91 44	91 54			80 27	89 8	100 0.99	103 -2.0	87 3	94 11.6	90 0.6	92 53	89 15.1	77 -10	85 1	66 19	85 -0.5	77 -1.2	102 -10.4	111 -2.5	78 18.9	77 -21	79 -5	92 -0.07	89 -1.66	107 0.57
NBON230058	96761127		BBM 200370				99 58	92 61	100 35	99 36	107 23	92 42	86 53			81 14	98 20	99 1.05	99 -1.4	100 21	92 10.5	100 3.7	92 55	88 14.0	84 17	88 6	90 -21	102 0.4	95 10.0	106 -12.3	120 -4.2	78 18.8	88 -13	86 1	87 -0.59	93 -1.04	98 -0.23
NBON230060	96761135		SYF 190095				107 60	91 37	82 35	115 37	101 26	89 36	86 40	79 20	85 33	82 29	84 2	104 0.53	103 -2.0	86 1	91 10.1	82 -1.8	82 31	88 14.2	84 20	89 10	84 -10	86 -0.5	82 2.2	96 -7.0	120 -4.1	78 18.7	91 -10	91 6	95 0.21	85 -2.35	89 -0.97
NBON230061	96123955		JRB 200213				105 58	95 61	95 34	100 36	109 24	98 42	91 52			85 10	99 22	102 0.73	108 -2.6	98 19	95 12.0	95 2.1	91 52	90 16.4	77 -9	93 18	78 -1	90 -0.2	90 7.0	113 -16.5	121 -4.4	74 16.2	98 -5	91 6	87 -0.61	88 -1.77	103 0.18

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
NBON230062	99358509	1	AG 140458		140458	JRB 200223	107	94	112	115	101	108	105	89	104	94	84	106	99	85	94	112	114	94	92	106	98	91	103	102	106	96	98	96	90	101	99
							68	57	46	46	36	48	55	28	44	34	2	0.31	-1.5	0	11.7	7.5	108	20.0	50	50	-33	-0.2	14.5	-10.0	-1.6	29.5	-5	10	-0.33	0.24	-0.10
																	42	73	55	46	57	46	50	56	38	16	15	44	42	36	21	51	41	38	32	36	33
NBON230063	96123963		JRB 200153				95	100	102	99	97	96	98			91	96	92	101	99	100	102	103	94	84	88	83	103	94	101	112	75	101	96	92	89	97
							59	61	33	35	23	42	52			10	18	1.77	-1.8	20	15.1	4.4	80	19.4	20	6	-9	0.5	9.2	-9.8	-2.8	16.7	-3	10	-0.10	-1.76	-0.33
																	32	66	44	35	61	33	43	36	19	10	8	23	22	24	14	32	21	19	10	11	10
NBON230065	97138176	4	LAR 180417		180417	NFS 200153	99	102	93	98	88	89	96	107	92	105	99	99	98	100	102	93	96	103	107	108	109	104	101	79	97	101	100	102	104	103	87
							67	55	45	46	35	47	54	36	45	36	22	1.05	-1.3	23	16.0	1.6	63	27.3	107	56	-52	0.6	13.6	2.9	-0.1	32.6	-3	16	1.10	0.53	-1.17
																	43	73	55	46	55	45	49	46	41	27	28	48	46	37	21	46	45	42	35	37	35
NBON230067	96123989	2	NFS 190080		190080	RPE 140001	117	90	104	107	105	104	95	105	104	105	86	118	103	91	90	104	99	95	103	101	97	101	98	118	103	89	98	91	113	96	123
							70	71	56	51	40	55	66	48	54	48	5	-0.93	-1.9	9	9.7	4.9	71	20.9	92	39	-32	0.4	11.4	-19.4	-1.1	25.2	-5	5	1.94	-0.63	1.90
																	49	74	59	51	71	56	59	54	48	27	44	54	53	41	27	52	52	49	46	49	46
NBON230071	95490090	1	HAS 190021		190021	NBON200036	114	87	92	122	90	90	90	85	87	86	85	111	107	82	87	92	89	87	87	87	82	84	78	103	88	95	91	87	92	90	89
							63	45	38	38	31	40	46	27	37	29	4	-0.13	-2.5	-4	7.8	1.3	47	13.6	30	5	-8	-0.6	-0.1	-10.9	1.5	29.0	-10	2	-0.16	-1.49	-1.02
																	36	69	49	38	45	38	40	41	36	20	16	42	41	29	20	43	40	36	28	30	28
NBON230080	98728744	5	LAR 180417		180417	RPE 130008	101	101	89	101	108	100	95	117	103	114	96	103	97	98	101	89	93	106	115	112	105	112	104	114	96	100	104	113	98	103	
							69	69	52	48	40	54	63	36	50	38	18	0.71	-1.2	19	15.5	0.4	56	30.8	137	73	-57	0.6	19.8	-11.4	-3.0	29.5	-3	18	1.97	-0.25	0.17
																	43	74	58	48	69	52	56	50	46	30	23	53	52	40	28	51	51	47	37	39	37
NBON230081	96761143	1	HAS 190021		190021	NBON200108	104	88	93	121	104	94	89	86	91	84	89	103	97	83	88	93	92	92	86	98	88	81	79	117	97	100	95	86	92	93	90
							65	64	45	46	33	49	58	28	45	30	9	0.69	-1.2	-3	8.8	1.6	54	17.8	27	30	-18	-0.7	0.4	-18.6	0.0	32.1	-7	1	-0.11	-1.11	-0.93
																	37	71	54	46	64	45	52	48	37	20	16	44	42	32	22	46	41	38	29	31	29
NBON230082	96761150	2	HAS 190021		190021	NBON200118	106	93	86	108	89	84	88	84	82	85	93	106	99	91	93	86	86	91	85	75	83	91	80	99	88	96	87	83	93	87	84
							64	62	43	45	31	47	57	27	43	29	14	0.30	-1.4	8	11.4	-0.5	40	17.3	23	-24	-9	-0.2	1.1	-8.4	1.5	29.3	-14	-1	-0.03	-1.94	-1.39
																	33	70	52	45	62	43	50	42	36	30	16	42	42	30	20	44	39	36	28	30	28
NBON230091	98728660	5	LAR 180417		180417	AG 140176	100	96	99	105	90	90	95	91	89	91	93	97	103	93	96	99	99	95	93	100	92	82	81	91	94	96	87	92	104	81	92
							69	69	51	48	37	53	63	32	49	34	13	1.26	-2.0	12	12.9	3.4	71	20.8	51	35	-24	-0.7	1.2	-4.0	0.6	29.5	-13	7	1.12	-2.94	-0.76
																	45	74	57	48	69	51	56	52	41	31	22	48	46	37	26	49	45	41	33	34	33
NBON230092	98728678	2	LAR 180417		180417	NBON180045	104	92	99	107	93	90	91	97	90	98	92	104	97	91	92	99	96	94	99	107	106	93	103	88	101	99	100	99	101	98	97
							66	66	46	44	34	50	60	29	46	31	13	0.51	-1.2	9	10.7	3.4	64	19.8	77	53	-46	-0.1	14.6	-2.0	-0.7	31.0	-3	13	0.74	-0.25	-0.30
																	32	72	53	44	66	46	52	50	38	27	17	45	43	34	20	47	42	39	30	32	30
NBON230103	96883376	1	NFS 200229		200229	GZV 180156	104	101	94	95	89	91	96	117	95	117	105	102	108	104	101	94	94	108	121	114	121	105	117	86	94	102	114	115	126	104	103
							65	66	43	43	31	49	59	39	47	36	31	0.76	-2.6	28	15.3	2.0	58	32.0	157	69	-71	0.6	22.8	-1.0	0.5	33.1	8	27	3.25	0.76	0.17
																	32	71	53	43	66	43	51	44	40	18	35	48	46	31	19	43	45	40	34	38	34
NBON230107	98728751	3	LAR 180417		180417	RPE 180094	95	105	91	96	95	93	97	102	93	102	102	95	100	103	105	91	95	103	103	100	114	98	99	90	103	97	103	100	109	97	88
							68	69	48	46	36	52	62	33	48	36	26	1.52	-1.6	27	17.5	0.8	61	27.3	91	36	-59	0.2	12.3	-3.2	-1.1	30.2	-1	13	1.62	-0.48	-1.03
																	36	73	55	46	69	48	54	51	43	29	20	51	49	37	24	48	48	44	34	37	34

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	
NBON230123				HAS 190021				110	93	88	115	88	89	93	89	87	88	91	107	104	86	93	88	90	93	91	91	88	87	81	100	85	100	92	88	92	92	90
95490116				NBON200028				63	48	40	39	32	42	48	28	39	30	11	0.23	-2.1	1	11.4	0.0	50	19.1	45	14	-17	-0.4	1.7	-9.0	2.1	31.7	-9	3	-0.14	-1.18	-0.89
								38	68	50							39	68	50	39	48	40	42	44	37	21	17	43	41	31	22	44	40	37	29	31	29	
NBON230148				LAR 180417				109	92	93	116	106	100	93	95	98	95	87	109	97	85	92	93	94	92	97	99	95	93	101	97	115	97	87	86	105	97	90
98957319				GT 190055				68	55	45	42	36	47	54	33	44	36	5	0.02	-1.1	0	10.7	1.5	58	18.2	66	32	-29	-0.1	13.2	-7.4	-3.2	30.3	-13	1	1.23	-0.38	-0.90
								40	73	54							42	73	54	42	55	45	47	50	43	31	21	48	47	38	24	46	46	43	35	37	35	
NBON230165				LAR 180417				98	94	99	105	100	92	91	93	91	95	94	98	95	93	94	99	97	95	95	105	98	92	99	96	110	92	97	97	99	96	96
98957251				NBON200115				64	49	37	35	29	41	47	28	38	30	15	1.17	-0.9	12	11.7	3.4	66	20.4	61	47	-33	-0.2	12.3	-6.8	-2.4	26.8	-6	11	0.63	-0.60	-0.39
								30	71	48							35	49	37	35	49	37	40	44	36	27	17	43	41	28	18	42	40	37	29	31	29	
NBON240002				LAR 180417				103	89	90	103	89	79	81	88	78	88	95	104	100	96	89	90	83	91	89	105	101	103	102	96	91	97	100	94	94	90	94
96883392				NBON130105				67	56	48	45	35	47	55	33	44	34	17	0.60	-1.5	16	9.2	0.7	33	16.7	39	47	-39	0.5	14.2	-6.7	1.0	30.0	-3	8	0.04	-1.51	-0.58
								41	72	55							45	72	55	45	56	48	50	52	41	30	22	48	47	33	24	47	45	41	32	35	33	
NBON240003				HAS 190021				101	97	81	110	90	83	89	90	82	87	93	98	100	90	97	81	85	97	92	97	91	89	82	107	87	92	89	90	95	83	92
98763972				RPE 190115				66	52	46	46	36	46	52	30	43	32	14	1.15	-1.6	7	13.1	-2.0	38	21.9	48	29	-23	-0.3	1.8	-12.9	1.7	26.8	-12	5	0.15	-2.55	-0.77
								44	72	54							46	72	54	46	52	46	48	48	40	25	19	46	44	37	26	45	43	40	31	32	31	
NBON240011				JRB 190193				104	103	108	102	88	103	110	99	102	97	91	101	106	95	103	108	113	102	97	106	92	104	92	90	90	101	96	96	106	96	98
96890470				AG 210435				62	46	41	40	30	41	47	26	38	22	11	0.84	-2.4	15	16.8	6.1	104	26.6	68	49	-23	0.5	8.0	-3.6	1.2	32.5	-7	10	1.24	-0.64	-0.23
								37	68	50							40	68	50	40	46	41	42	46	32	20	18	36	35	31	19	41	34	32	21	23	21	
NBON240017				HAS 190021				106	103	89	109	83	93	102	96	92	94	95	102	107	90	103	89	98	99	97	103	97	91	83	99	82	96	102	97	98	92	92
98727217				NBON110015				66	54	50	47	35	47	54	30	44	27	16	0.80	-2.5	8	16.6	0.3	69	23.9	67	42	-31	-0.2	2.9	-8.7	2.7	29.5	-2	11	0.50	-1.22	-0.76
								35	71	55							47	71	55	47	54	50	50	52	38	22	18	45	43	35	23	47	42	39	26	28	26	
NBON240018				HAS 190021				105	91	94	110	108	96	89	89	93	85	98	102	105	89	91	94	92	94	89	97	94	82	84	116	104	100	106	94	97	93	89
98727225				NBON120039				67	54	51	47	36	47	55	29	43	30	21	0.76	-2.3	6	9.9	1.9	53	19.4	37	29	-27	-0.7	3.3	-17.9	-1.3	32.0	2	8	0.37	-1.07	-1.02
								41	72	56							47	72	56	47	54	51	51	52	38	20	17	45	43	36	24	47	42	39	28	31	29	
NBON240020				NFS 200229				94	110	84	85	83	85	98	121	90	119	119	89	113	117	110	84	88	110	126	104	122	108	114	71	99	94	116	119	113	113	101
97138226				NBON110058				64	51	46	39	33	44	51	39	43	35	50	2.12	-3.4	47	20.4	-1.1	45	34.1	177	44	-74	0.8	21.3	7.4	-0.3	28.1	10	31	1.97	2.06	0.02
								39	69	52							39	69	52	39	51	46	45	48	39	19	36	47	45	33	22	45	44	40	33	37	33	
NBON240025				NFS 190080				107	97	95	102	100	97	95	110	99	109	91	108	98	96	97	95	95	100	110	93	109	98	107	110	99	94	109	103	110	106	118
98727233				NFS 200144				68	58	48	45	36	48	56	50	48	48	12	0.12	-1.3	16	13.4	2.2	61	24.6	118	19	-51	0.2	16.7	-14.7	-0.3	28.4	4	16	1.72	1.06	1.44
								45	73	55							45	73	55	45	58	48	50	50	47	24	49	54	52	39	21	47	51	48	47	50	47	
NBON240026				BBM 190174				100	93	87	110	99	87	87	76	82	72	86	98	100	89	93	87	87	88	79	80	82	89	79	96	105	99	82	75	89	83	99
6020272172				HAS 190117				66	52	45	43	34	45	52	30	42	30	4	1.24	-1.6	6	11.3	-0.3	43	14.0	-2	-12	-8	-0.3	0.3	-6.7	-1.4	31.2	-17	-9	-0.46	-2.68	-0.10
								43	71	53							43	71	53	43	52	45	47	48	42	22	15	48	48	35	23	45	46	42	29	31	29	
NBON240027				HAS 190021				109	93	75	122	98	90	88	88	87	87	86	107	99	83	93	75	80	92	89	85	78	81	87	114	88	102	76	79	102	86	80
98727241				HAS 200024				67	53	47	48	35	47	53	35	45	36	5	0.23	-1.5	-3	11.4	-3.8	25	18.3	37	1	-1	-0.8	5.0	-17.0	1.6	33.1	-22	-5	0.89	-2.15	-1.78
								43	72	55							43	72	55	48	53	47	49	46	43	25	25	49	47	36	25	45	46	44	36	37	36	

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 Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
NBON240036	98729932	1	JRB 190193 PAD 170090				104 65	103 49	99 44	101 35	96 31	102 42	104 49	95 22	100 38	95 17	95 17	102 0.78	105 -2.3	98 19	103 16.7	99 3.4	103 81	102 27.0	96 64	107 52	96 -29	92 -0.1	97 10.9	98 -7.7	96 0.1	102 33.3	103 -1	99 12	105 1.15	92 -1.25	97 -0.29
NBON240037	98727282	1	JRB 190193 NBON170054				108 64	99 48	102 42	96 44	101 28	103 42	99 49	92 24	99 38	91 16	100 23	109 0.06	105 -2.2	103 26	99 14.5	102 4.4	100 72	96 21.2	95 60	93 19	100 -37	94 0.0	95 9.6	102 -10.2	104 -1.2	99 31.1	109 4	102 15	93 0.03	91 -1.38	97 -0.29
NBON240041	98727290	4	HAS 190021 NFS 200153				113 67	96 52	87 45	109 47	80 35	86 46	94 52	97 35	87 44	94 35	92 13	111 -0.20	106 -2.4	90 7	96 12.9	87 -0.4	90 48	96 21.4	98 70	94 20	93 -25	96 0.1	80 1.0	88 -1.9	79 3.1	103 33.6	92 -9	92 6	95 0.15	97 -0.49	80 -1.74
NBON240047	98728694	3	LAR 180417 RPE 180095				91 67	100 55	90 47	102 44	90 34	84 47	91 54	99 31	85 44	97 32	97 20	91 1.93	94 -0.7	97 17	100 14.9	90 0.5	93 55	100 25.0	100 81	111 62	111 -54	90 -0.2	96 10.5	91 -3.9	99 -0.3	92 27.1	101 -2	99 13	109 1.57	96 -0.53	91 -0.82
NBON240059	98729999	4	LAR 180417 GZV 180156				105 67	97 55	95 44	106 45	100 34	97 46	95 54	101 32	97 43	101 31	94 16	105 0.47	99 -1.4	93 11	97 13.2	95 2.2	97 65	99 23.8	101 85	108 55	108 -50	89 -0.3	109 18.2	95 -6.4	107 -1.9	99 31.0	103 0	101 15	114 2.07	92 -1.16	100 -0.07
NBON240060	98727332	4	NFS 190080 LAR 170270				115 68	92 57	112 48	104 51	93 37	102 49	100 56	94 46	100 48	100 42	91 11	117 -0.75	102 -1.9	93 12	92 10.7	112 7.5	107 91	96 21.2	95 60	92 16	90 -21	115 1.1	99 12.2	96 -7.0	93 0.6	99 31.1	83 -17	88 3	117 2.39	92 -1.24	104 0.30
NBON240062	98727340	4	LAR 180417 RPE 210103				92 67	105 54	93 42	99 37	97 33	95 45	99 52	94 30	94 42	94 32	99 22	90 2.02	100 -1.6	99 21	105 17.8	93 1.7	100 72	103 27.6	95 59	108 55	101 -39	100 0.3	98 11.7	99 -8.3	102 -0.9	95 29.0	89 -12	93 8	110 1.72	95 -0.66	83 -1.53
NBON240082	98728736	6	LAR 180417 BDX 210021				93 67	108 55	88 46	93 47	85 34	86 47	97 54	105 32	88 44	101 37	111 38	91 1.91	103 -2.0	108 33	108 19.0	88 -0.1	93 55	107 31.3	105 98	103 43	105 -44	88 -0.3	102 14.2	84 -0.1	89 1.5	102 33.2	89 -12	97 11	112 1.92	92 -1.28	88 -1.10
NBON240083	98729114	1	LAR 180417 NBON170064				100 65	92 54	96 45	101 44	93 30	85 45	86 53	100 28	86 42	98 31	97 20	100 0.93	99 -1.5	98 19	92 10.7	96 2.4	90 49	94 19.3	99 76	107 53	101 -38	104 0.5	104 15.4	89 -2.7	104 -1.2	92 27.2	101 -2	99 13	100 0.70	92 -1.21	95 -0.51
NBON240085	98942733	5	LAR 180417 AG 140176				98 69	95 57	100 51	106 48	90 37	89 49	94 57	91 32	88 46	89 34	91 11	95 1.49	101 -1.7	92 10	95 12.4	100 3.8	100 74	95 20.4	92 49	100 37	92 -23	81 -0.7	80 0.8	92 -4.3	94 0.6	96 29.4	86 -14	91 5	103 0.94	81 -2.93	92 -0.77
NBON240088	98789720	1	LAR 180417 JRB 200145				100 67	97 55	90 45	100 46	100 34	91 46	90 54	94 30	90 43	97 29	94 15	98 1.21	105 -2.2	99 20	97 13.6	90 0.6	89 48	97 21.9	94 58	107 53	103 -42	102 0.4	103 14.3	92 -4.6	112 -2.7	94 28.5	95 -7	95 9	103 0.96	97 -0.35	93 -0.62
NBON240090	98789746	6	HAS 190021 SYF 140240				116 68	96 55	89 51	121 50	95 38	102 49	100 56	90 32	98 46	89 38	87 6	116 -0.73	102 -1.8	83 -3	96 12.6	89 0.3	95 62	94 19.7	92 48	80 -12	81 -5	82 -0.7	81 1.6	108 -13.7	88 1.5	103 33.8	87 -13	89 4	101 0.77	86 -2.22	80 -1.77

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
NBON240098 98789753		LAR 180417 JRB 200153			95	105	99	98	91	95	102	101	95	105	97	92	104	101	105	99	103	102	101	101	108	104	107	87	100	96	103	105	112	94	91
					67	55	45	46	34	46	54	29	43	29	19	1.82	-2.1	23	17.6	3.5	82	26.6	82	38	-49	0.5	17.0	-1.5	-0.6	29.2	-1	18	1.88	-0.93	-0.80
															42	73	54	46	55	45	49	50	38	28	17	45	44	35	22	44	42	39	28	30	28
NBON240105 6020242209	2	LAR 180417 NBON200028			100	97	94	102	95	91	92	99	91	99	98	99	98	96	97	94	94	99	101	106	105	95	103	91	103	96	100	99	101	99	97
					62	51	40	38	31	42	49	28	39	31	20	1.04	-1.4	17	13.5	1.9	59	23.7	82	50	-44	0.1	14.3	-4.1	-1.1	29.7	-3	13	0.81	-0.17	-0.32
															34	67	49	38	51	40	43	45	37	27	17	44	42	30	19	44	41	37	30	32	30
NBON250033 6020021256	1	NFS 210044 RPE 180067			97	105	96	96	99	98	100	99	97	105	100	97	99	103	105	96	100	102	99	93	95	97	110	103	99	98	101	104	109	93	96
					63	47	44	45	35	43	49	40	42	40	24	1.34	-1.5	26	17.5	2.6	73	27.2	77	20	-28	0.1	18.6	-10.6	-0.3	30.9	-2	17	1.57	-1.08	-0.37
															40	68	53	45	47	44	45	46	42	27	37	49	47	37	24	44	46	42	38	42	38
NBON250056 6020272180	1	NFS 210044 RPE 130008			107	106	94	97	117	114	104	113	115	115	98	109	101	102	106	94	100	109	113	106	104	102	120	120	114	97	104	109	112	92	107
					65	48	49	46	37	45	50	42	44	41	21	0.00	-1.7	25	18.2	1.9	72	32.8	129	50	-43	0.4	24.6	-20.6	-3.0	30.3	0	22	1.86	-1.15	0.56
															41	69	55	46	48	49	48	46	45	19	36	52	50	38	25	47	49	45	39	43	39

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
NBON110015		BEI 050101		TBR 050121	99	111	99	98	85	101	112	105	101	104	102	96	105	100	111	99	109	104	107	120	111	105	98	99	88	89	122	112	98	100	107
73718439					78	76	77	70	47	65	76	32	58	17	27	1.37	-2.3	23	20.8	3.4	95	28.5	106	85	-55	0.6	11.3	-8.3	1.5	25.4	15	24	0.51	0.08	0.50
															33	80	74	70	76	77	74	76	39	19	21	47	45	47	27	66	44	40	16	18	16
NBON110058	1	RGR 010162		FAN 070026	108	95	83	100	90	83	87	99	84	98	105	103	115	99	95	83	81	88	104	85	105	90	98	80	113	80	110	101	82	105	105
75594770					76	74	72	58	52	62	72	38	57	26	30	0.67	-3.5	20	12.3	-1.6	27	14.5	94	-1	-44	-0.2	11.9	2.3	-2.9	20.0	5	15	-1.13	0.78	0.40
															59	76	70	58	74	72	68	74	50	24	24	54	53	53	34	69	52	50	24	27	24
NBON120033	1	RGR 060044		WVW 040139	93	94	124	108	92	99	103	95	97	87	96	93	91	89	94	124	122	96	95	115	109	110	90	92	106	85	119	101	90	101	92
75594705					78	76	77	72	49	65	76	30	58	20	18	1.76	-0.4	6	11.6	11.0	126	21.7	62	71	-51	0.9	6.8	-4.3	-1.6	22.6	12	15	-0.35	0.15	-0.71
															46	80	75	72	76	77	75	75	37	17	21	42	41	50	31	66	40	38	19	21	19
NBON120039	1	RGR 060044		NBON070123	91	90	111	100	134	107	87	91	103	86	108	89	98	98	90	111	101	97	91	109	107	86	99	131	132	97	131	105	95	102	100
75661363					81	76	79	72	48	66	77	30	59	30	35	2.12	-1.3	19	9.5	7.0	75	22.2	46	58	-48	-0.4	12.2	-26.8	-6.3	30.3	22	18	0.23	0.38	-0.02
															54	82	77	72	76	79	76	76	39	12	17	48	46	47	28	68	45	40	28	33	28
NBON120046	2	BHE 050032		RGR 000005	113	83	105	103	81	80	83	79	76	77	98	113	104	95	83	105	91	84	84	106	93	111	94	104	82	83	103	87	72	95	98
77188985					79	77	78	71	49	66	77	35	60	25	20	-0.39	-2.2	15	5.7	5.3	51	10.4	18	51	-24	0.9	9.1	-11.4	2.7	21.7	-1	2	-2.08	-0.80	-0.21
															54	80	75	71	77	78	75	76	44	23	23	52	50	49	32	67	49	45	24	26	24
NBON130105	2	BHE 050032		NBON080008	107	79	90	109	81	68	71	70	63	71	90	108	98	90	79	90	76	80	73	95	87	113	93	109	70	97	103	85	70	84	97
78915378					78	73	73	69	47	63	73	41	59	40	10	0.15	-1.3	8	3.8	0.8	15	7.3	-24	23	-15	1.0	8.5	-14.0	4.7	30.3	-1	0	-2.31	-2.53	-0.30
															62	79	73	69	73	73	72	74	48	32	31	57	55	42	33	66	53	48	38	42	39
PAD 130100	1	LAR 070090		PAD 090096	100	96	93	114	96	93	95	81	89	89	91	98	97	86	96	93	97	92	82	105	77	108	88	103	89	104	86	84	110	86	86
79051074					83	75	83	54	55	66	75	46	62	49	11	1.15	-1.2	2	12.7	1.6	67	18.1	11	49	2	0.7	5.5	-11.0	1.3	34.1	-14	-1	1.71	-2.10	-1.22
															51	83	73	54	75	83	71	68	56	31	32	63	61	56	39	71	60	57	47	51	47
RPE 130003		LAR 050350		RPE 090011	99	114	99	100	101	114	117	110	113	111	98	94	109	98	114	99	113	115	115	127	108	96	115	110	96	99	109	113	113	85	111
77280089					81	78	82	71	58	68	78	51	65	56	20	1.57	-2.8	20	22.3	3.5	105	38.7	138	102	-49	0.1	21.9	-14.7	0.1	31.3	4	25	2.03	-2.29	0.91
															55	82	77	71	78	82	77	72	63	35	36	71	69	59	45	71	68	64	54	59	55
RPE 130008		LAR 050350		DNT 990072	101	113	84	93	117	113	105	131	118	127	104	104	99	107	113	84	95	119	129	111	112	117	116	122	116	95	110	114	113	100	115
77488674					84	77	82	76	60	70	79	51	66	54	28	0.61	-1.5	32	22.1	-1.1	62	41.5	190	62	-57	1.3	22.3	-21.6	-3.4	28.7	5	26	1.99	-0.02	1.24
															69	84	81	76	77	82	78	72	32	34	72	70	61	44	74	70	66	52	56	52	
AG 140176	1	AG 090319		AG 080214	100	89	110	120	83	90	98	74	84	72	82	94	102	83	89	110	109	87	78	86	67	69	48	100	76	95	76	78	88	66	93
79469995					92	90	90	90	87	83	90	86	84	86	-1	1.56	-1.9	-3	9.3	6.8	96	13.6	-5	2	18	-1.4	-18.2	-9.2	3.8	29.1	-22	-6	-0.52	-5.37	-0.68
															89	92	91	90	90	90	90	90	86	85	85	87	87	87	85	88	87	86	85	86	85
NBON140033	3	BHE 050032		NBON070125	96	86	94	114	100	83	80	78	79	80	87	98	86	86	86	94	88	86	82	89	90	111	96	119	97	88	104	88	72	89	101
80270598					75	74	70	71	48	63	73	35	57	27	6	1.18	0.3	1	7.3	1.9	45	12.7	12	8	-21	0.9	10.5	-19.8	0.0	24.8	0	3	-2.16	-1.61	0.00
															55	77	71	71	74	70	72	66	40	23	27	47	46	47	31	66	44	41	26	28	26
RPE 140001	1	LAR 050350		HJS 020041	109	97	105	106	119	115	101	109	114	108	91	111	98	92	97	105	106	100	109	112	102	94	97	142	109	89	105	100	104	95	117
79419784					82	79	83	73	55	69	79	46	64	50	12	-0.13	-1.3	10	13.1	5.3	87	24.9	113	66	-40	0.0	11.1	-33.0	-2.2	25.5	1	13	1.05	-0.68	1.40
															67	82	78	73	79	83	78	72	57	38	33	62	61	54	42	70	60	58	48	52	48

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																																
RPE 140057 81388639	1	LAR 050350 SAS 000123		100 82	110 79	94 81	102 75	126 59	121 69	108 79	82 48	114 65	88 51	92 12	103 0.70	92 -0.5	96 17	110 20.3	94 1.8	106 88	108 31.7	88 36	96 27	83 -9	103 0.5	94 9.4	131 -27.1	121 -4.4	94 28.1	87 -14	91 5	94 0.06	80 -3.05	93 -0.67	
SYF 140240 80639123	4	GEL 100113 SYF 090033		117 81	98 78	100 78	115 78	108 55	115 68	106 79	94 40	111 62	95 58	87 6	121 -1.22	92 -0.5	85 0	98 13.9	100 3.6	107 89	96 21.6	97 68	75 -24	80 -4	87 -0.4	93 8.7	116 -18.2	101 -0.8	104 34.0	93 -9	95 10	103 1.03	87 -1.93	83 -1.52	
LAR 170270 86116316	6	ARB 140055 LAR 140236		113 75	91 71	123 63	110 71	96 48	109 61	106 70	86 36	104 56	95 28	92 13	115 -0.61	96 -1.0	88 4	91 10.2	123 10.9	120 121	94 20.0	89 39	97 28	87 -15	120 1.4	97 11.2	100 -9.2	90 1.2	107 36.0	73 -25	89 4	111 1.78	88 -1.88	79 -1.81	
NBON170054 86989993	2	RGR 100070 NBON070117		101 74	97 69	96 64	93 70	107 40	96 59	90 69	85 36	92 54	86 28	105 31	104 0.54	98 -1.3	106 31	97 13.5	96 2.6	91 52	92 17.5	92 48	75 -26	101 -38	94 0.0	93 8.5	110 -14.8	109 -2.1	96 29.4	108 3	98 12	86 -0.76	86 -2.15	94 -0.53	
NBON170064 86962479		NBON110038 NBON110224		103 72	84 67	102 64	104 67	90 33	79 56	80 67	92 26	79 50	90 32	94 16	104 0.58	98 -1.4	95 14	84 6.2	102 4.2	89 46	85 11.9	92 50	100 35	87 -15	114 1.1	97 11.0	95 -6.0	96 0.1	88 24.6	106 2	95 9	83 -1.00	87 -1.93	99 -0.16	
PAD 170090 88355946	5	PAD 150078 PAD 140409		99 77	103 71	89 70	103 45	98 48	95 59	97 69	91 35	93 54	94 29	96 19	96 1.36	102 -1.9	96 16	103 16.4	89 0.3	95 61	102 27.0	94 55	102 41	91 -22	89 -0.3	97 11.0	102 -10.0	94 0.5	103 33.9	96 -6	92 7	108 1.46	88 -1.90	94 -0.53	
GZV 180156 88041587	2	LAR 140024 GZV 140285		116 76	91 71	100 62	119 69	103 45	106 60	99 70	95 38	103 56	97 31	88 7	117 -0.77	100 -1.6	84 -2	91 10.2	100 3.7	100 74	94 19.5	97 67	101 39	102 -40	85 -0.5	106 16.6	108 -13.4	103 -1.2	100 32.1	110 5	100 13	111 1.75	88 -1.83	109 0.73	
JRB 180127 87823274	2	JRB 130019 JRB 150124		106 76	92 71	108 59	125 57	108 48	110 59	103 68	88 30	105 53	96 34	72 -14	107 0.22	90 -0.2	79 -9	92 10.7	108 6.1	113 104	90 16.3	89 36	93 20	99 -35	107 0.7	108 17.5	78 3.3	131 -6.0	101 32.6	95 -7	92 6	97 0.34	106 1.05	98 -0.23	
NBON180031 87348199		NBON150064		100 53	81 55	103 30	104 29	100 16	80 37	75 47			79 5	93 14	102 0.81	93 -0.6	94 14	81 4.7	103 4.5	87 41	78 5.3	78 -6	56 -70	70 12	90 -0.2	85 3.6	102 -10.5	118 -3.7	70 13.8	94 -8	84 -1	79 -1.43	90 -1.51	99 -0.11	
NBON180033 87943379		NCM 110009 NBON130101		111 72	90 68	101 62	101 66	102 38	95 57	89 67	89 27	93 51	87 19	100 24	112 -0.31	102 -1.8	97 18	90 9.5	101 4.1	93 57	87 13.3	94 58	79 -15	96 -30	96 0.1	98 11.9	96 -6.9	108 -2.0	96 29.6	95 -7	89 4	81 -1.23	97 -0.34	98 -0.22	
NBON180089 87943668	1	NCM 110009 NBON120018		100 67	93 66	92 50	115 40	110 36	98 50	91 60	93 28	95 46	88 20	89 9	99 1.09	94 -0.8	86 1	93 11.2	92 1.4	94 60	90 16.3	97 67	94 22	104 -44	90 -0.2	95 9.6	101 -9.8	121 -4.2	93 27.5	106 2	93 7	84 -0.93	99 -0.11	100 -0.04	
NBON180100 87943700		NFS 120003 NBON110111		103 70	82 64	111 63	111 68	89 33	84 55	85 65	96 34	84 51	89 32	93 15	101 0.82	98 -1.3	88 4	82 5.3	111 7.0	99 70	84 11.1	101 82	102 41	99 -36	94 0.0	92 8.1	96 -7.0	89 1.4	96 29.6	108 3	98 12	81 -1.25	98 -0.23	106 0.42	

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 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 180018 87236865	2	NFS 140014 NFS 110079		110 77	94 74	89 71	105 72	107 47	97 63	91 74	82 60	92 62	78 56	91 11	106 0.37	119 -4.1	93 12	94 11.8	89 0.3	88 44	92 17.8	81 9	96 26	102 -40	105 0.6	108 17.5	97 -7.3	114 -3.0	103 33.5	100 -3	82 -2	86 -0.69	87 -2.07	82 -1.54
NFS 180111 87237509	1	HDT 150018 ZVJ 120082		99 77	106 73	103 67	98 69	94 45	103 62	107 72	107 54	104 60	104 52	97 20	100 0.93	97 -1.1	100 22	106 18.3	103 4.7	109 94	105 29.1	109 114	103 43	139 -101	93 0.0	109 18.1	100 -8.9	94 0.5	98 30.6	117 10	112 25	84 -0.95	95 -0.81	103 0.21
RPE 180061 87345708	3	LAR 090281 RPE 140012		84 75	115 73	102 70	101 71	66 51	90 63	114 73	95 42	89 59	105 44	100 23	81 2.94	94 -0.8	97 18	115 23.0	102 4.2	117 115	106 30.1	98 72	76 -21	89 -19	108 0.8	107 16.9	76 4.8	72 4.4	94 28.5	98 -5	98 12	106 1.25	102 0.33	91 -0.83
RPE 180067 90455064	3	LAR 090281 RPE 100003		80 77	110 73	89 71	91 72	81 54	81 64	97 73	102 48	83 61	107 52	107 33	78 3.24	96 -1.0	109 35	110 20.5	89 0.4	96 63	106 30.1	102 86	86 2	96 -30	107 0.7	96 10.4	87 -1.6	85 2.0	97 29.9	104 0	103 16	107 1.40	100 0.13	94 -0.61
GT 190055 89265771	2	AG 130024 AG 130254		123 76	82 72	95 63	135 61	116 52	109 61	93 70	83 41	103 57	84 49	73 -13	125 -1.59	94 -0.8	69 -23	82 5.3	95 2.1	95 61	82 8.6	87 31	82 -7	75 5	92 -0.1	90 6.6	111 -15.3	118 -3.7	98 30.8	78 -21	68 -15	94 0.07	98 -0.27	90 -0.94
HAS 190117 89187421	2	SYF 140089 AG 080399		92 75	92 72	93 62	121 60	98 47	87 60	89 69	67 35	80 55	69 46	85 4	90 2.02	91 -0.4	83 -3	92 10.4	93 1.4	94 60	88 14.0	67 -44	93 18	67 18	87 -0.4	71 -4.8	100 -9.0	103 -1.2	93 27.7	76 -22	74 -9	90 -0.32	80 -3.08	102 0.08
NBON190012 90546011			NBON150064	96 31	87 54	103 30	101 29	101 15	84 33	80 43			76 5	96 18	98 1.21	92 -0.5	97 17	87 7.7	103 4.5	91 52	85 11.5	80 4	94 21	78 0	91 -0.2	87 5.2	103 -10.7	118 -3.7	72 14.7	97 -6	87 2	76 -1.71	90 -1.50	99 -0.13
NBON190043 91962399	1	AG 140517 NBON160136		94 54	97 51	97 40	93 38	83 33	79 41	86 48	90 24	78 38	92 23	103 27	99 1.13	91 -0.3	107 32	97 13.2	97 2.6	91 51	97 22.3	93 54	87 4	102 -40	98 0.2	99 12.0	92 -4.4	88 1.7	91 26.7	102 -2	95 9	95 0.16	96 -0.57	99 -0.13
HAS 200024 89897482	2	SYF 150155 HAS 140026		97 75	96 72	73 68	116 73	114 47	91 62	83 72	88 50	88 60	90 52	85 3	99 1.11	86 0.4	85 1	96 12.6	73 -4.5	79 22	94 20.0	91 47	86 2	74 5	84 -0.6	104 15.4	128 -24.9	100 -0.5	101 32.6	71 -26	77 -7	106 1.28	88 -1.79	82 -1.55
JRB 200115 91001875	2	JRB 130241 BBN 100288		87 75	105 72	121 62	97 60	118 47	117 60	110 69	96 46	113 57	106 44	89 9	87 2.36	93 -0.7	101 23	105 17.6	121 10.1	122 126	102 26.5	98 70	89 9	101 -39	85 -0.5	114 20.9	117 -19.1	118 -3.8	98 30.5	118 11	112 25	113 2.01	98 -0.30	107 0.57
JRB 200137 91207878	4	JRB 130241 JRB 160093		97 74	123 72	91 64	88 71	119 46	125 61	121 71	112 47	124 58	118 46	102 26	93 1.71	117 -3.9	113 41	123 27.5	91 1.0	107 90	115 38.2	109 114	103 44	114 -60	85 -0.5	116 22.2	120 -20.2	118 -3.8	101 32.6	122 15	120 31	124 3.06	99 -0.18	110 0.76
JRB 200145 91207423	3	JRB 140044 JRB 150066		111 74	91 72	89 64	103 71	103 46	91 61	86 71	82 32	87 55	88 24	87 6	106 0.32	114 -3.5	96 16	91 10.0	89 0.2	83 33	88 14.6	83 14	100 35	91 -22	110 0.9	93 8.9	101 -9.9	113 -2.8	92 27.1	93 -9	86 2	88 -0.48	98 -0.20	96 -0.38

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																															
JRB 200153		JRB 140044		93	109	108	98	84	100	112	95	98	105	93	87	108	100	109	108	115	102	96	87	101	114	102	90	89	95	109	106	107	91	92
91207407	7	JRB 140009		73	71	64	71	44	60	70	28	54	20	14	2.30	-2.6	22	19.8	6.2	110	26.4	62	4	-38	1.1	14.3	-3.6	1.4	28.6	4	19	1.35	-1.37	-0.73
														64	76	70	71	71	64	69	72	37	20	15	46	44	47	27	59	42	38	20	21	20
JRB 200185		JRB 150015		96	118	104	92	109	121	120	109	120	107	99	94	105	108	118	104	115	115	107	117	113	94	106	104	113	102	116	114	111	97	101
91207514	4	JRB 180025		72	70	62	70	43	59	69	24	52	22	22	1.59	-2.3	33	24.7	4.9	110	38.6	106	77	-57	0.0	16.5	-11.1	-2.8	33.2	10	26	1.83	-0.47	0.03
														55	75	69	70	70	62	67	72	33	18	14	36	36	48	26	56	35	33	21	23	21
JRB 200211		JRB 130019		104	97	105	95	97	96	95	89	93	95	96	107	98	104	97	105	99	97	87	101	98	114	111	74	117	101	95	91	97	105	103
91765727	2	JRB 130236		74	72	66	72	47	61	71	32	55	35	18	0.27	-1.3	27	13.1	5.2	71	22.5	28	37	-33	1.1	19.5	6.0	-3.5	32.6	-7	6	0.43	0.77	0.19
														58	76	71	72	72	66	70	72	46	23	16	52	51	51	30	61	50	46	33	37	34
NBON200021		AG 140458		95	97	104	102	94	93	95	89	90	92	97	97	91	96	97	104	103	95	94	74	93	93	88	103	95	93	106	97	86	103	104
91760546	1	NBON170032		62	56	42	46	33	45	53	24	41	29	20	1.26	-0.4	16	13.3	5.0	80	20.1	55	-28	-25	-0.1	5.8	-10.6	0.3	27.6	2	11	-0.69	0.56	0.30
														33	67	52	46	56	42	48	55	33	14	13	38	37	29	18	52	36	34	27	31	28
NBON200046		AG 140458		110	95	101	97	100	98	94	88	95	90	105	111	104	102	95	101	96	97	93	99	96	93	91	106	102	93	102	96	85	98	103
91993014	1	NBON180055		65	65	46	43	33	49	59	27	45	30	30	-0.21	-2.1	25	12.5	4.0	63	22.0	51	33	-31	-0.1	7.4	-12.6	-1.0	27.5	-2	10	-0.81	-0.32	0.22
														35	70	52	43	65	46	51	56	35	14	16	42	40	30	18	52	39	36	29	32	29
NBON200108		AG 140458		96	91	104	105	125	104	89	88	100	88	99	97	92	93	91	104	99	96	90	106	97	86	93	131	118	102	113	97	89	101	103
91962720	1	NBON120039		73	70	61	68	38	58	68	26	52	32	22	1.29	-0.5	11	10.3	4.8	71	21.7	42	50	-32	-0.5	8.5	-26.5	-3.7	33.1	7	11	-0.37	0.28	0.18
														41	76	68	68	70	61	66	64	36	13	15	42	41	34	22	58	40	36	30	34	30
NFS 200144		HDT 160077		97	100	89	105	110	99	93	117	102	113	93	100	89	94	100	89	94	102	120	99	123	87	112	127	101	98	126	120	97	117	106
90290651	1	NFS 140158		75	71	63	55	44	58	68	56	58	54	14	0.98	-0.1	13	15.2	0.3	59	26.4	156	33	-75	-0.4	20.2	-24.5	-0.7	30.4	17	31	0.43	2.72	0.47
														54	77	66	55	71	63	63	57	53	27	55	61	60	50	24	58	58	54	51	56	52
NFS 200153		LAR 150117		104	102	96	99	77	88	99	107	90	104	97	105	98	100	102	96	98	102	109	102	104	115	91	75	83	103	103	101	91	109	83
90290727	2	NFS 150322		75	71	64	71	46	61	70	49	59	47	19	0.43	-1.4	22	15.9	2.3	68	26.7	113	41	-43	1.1	7.5	5.2	2.4	33.5	-1	15	-0.19	1.55	-1.47
														69	77	72	71	71	64	69	58	49	15	47	54	53	53	26	58	52	49	45	49	46
BDX 210021		SYF 160069		88	115	85	88	73	82	102	103	84	97	121	85	105	114	115	85	94	112	104	91	94	83	93	86	66	108	82	90	108	87	85
91878215	6	BDX 120045		75	73	68	73	46	62	72	40	58	52	52	2.59	-2.3	43	22.9	-0.9	59	36.0	94	15	-28	-0.6	8.6	-0.9	5.5	36.6	-18	5	1.45	-2.06	-1.33
														61	77	72	73	73	68	71	67	56	27	22	60	59	49	29	59	59	57	51	53	51
RPE 210103		PAD 180015		98	105	96	101	97	100	103	81	94	83	97	94	106	98	105	96	102	100	83	101	87	106	84	114	92	94	82	84	104	94	75
92844257	5	RPE 180027		71	70	56	45	42	55	65	32	50	34	20	1.61	-2.3	18	17.6	2.4	78	25.0	16	38	-15	0.6	3.5	-17.1	0.8	28.2	-18	-1	1.05	-0.82	-2.19
														27	74	59	45	70	56	57	55	46	26	15	53	51	48	24	53	51	47	32	36	32
SYF 210052		SYF 170296		101	92	108	127	63	84	102	85	81	79	83	101	89	78	92	108	114	83	86	77	74	73	91	79	69	88	87	75	109	68	80
91725275	7	SYF 170132		74	70	58	58	42	57	67	38	53	52	0	0.92	0.0	-11	10.7	6.2	107	10.2	26	-20	7	-1.2	7.1	2.9	4.9	24.4	-13	-9	1.59	-4.92	-1.78
														58	76	66	58	70	58	62	64	52	17	21	58	56	44	27	56	56	53	51	54	51
NBON220038		AG 190460		88	111	95	101	92	98	108	95	97	101	100	85	98	98	111	95	108	107	97	79	91	100	93	89	95	103	100	98	113	91	94
94614203	5	AG 200036		64	50	39	37	30	42	48	24	38	20	23	2.56	-1.4	19	21.0	2.3	93	30.9	66	-15	-22	0.3	8.6	-2.8	0.3	33.7	-3	12	1.94	-1.31	-0.53
														37	70	49	37	50	39	42	47	29	16	32		32	29	19	41	31	29	19	20	19

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
NBON220051 94809639	4	LAR 180417 HAS 200195		79 67	122 52	94 43	96 42	103 34	108 45	115 51	108 31	108 42	108 32	103 27 39	68 4.31 73	84 0.6 53	103 27 42	122 26.5 52	94 1.9 43	113 105 46	119 42.3 46	109 112 43	102 41 27	105 -45 17	93 -0.1 49	102 14.1 48	96 -7.0 34	106 -1.7 22	104 34.3 45	97 -6 47	106 19 43	114 2.04 31	95 -0.75 33	93 -0.67 31
NBON230050 96123948		BBM 180029		107 60	85 38	96 37	123 38	108 26	96 36	87 41			74 20	79 -5 38	107 0.21 66	93 -0.6 47	81 -6 38	85 6.8 38	96 2.5 37	92 53 38	82 8.6 37	78 -4 26	83 -5 8	77 1 8	97 0.1 28	91 7.6 28	113 -16.2 28	119 -3.9 16	76 17.3 33	90 -11 28	85 0 27	84 -0.90 19	88 -1.81 21	91 -0.86 19
NBON230055 96761101		NBON070153		99 60	92 60	100 43	96 38	110 31	93 45	85 54	86 28	89 42	86 26	104 29 31	99 1.08 65	101 -1.7 48	103 27 38	92 10.5 60	100 3.7 43	90 50 47	89 15.2 36	91 47 30	96 26 28	88 -17 26	94 0.0 31	95 9.9 31	111 -15.5 30	130 -5.8 24	66 11.2 40	104 0 31	96 10 30	81 -1.17 26	98 -0.18 26	102 0.09 26
NBON230064 96123971		JRB 210010		91 58	95 61	100 34	101 36	101 23	89 42	89 52			78 12	96 19 32	90 2.02 65	94 -0.8 44	97 17 36	95 12.2 61	100 3.6 34	96 65 44	92 17.6 36	80 3 20	111 63 10	83 -8 12	105 0.6 25	96 10.3 24	101 -9.4 21	119 -3.9 -3.9	75 16.6 33	91 -10 23	86 1 21	81 -1.25 12	92 -1.23 13	99 -0.17 12
NBON230068 96123997		NFS 180018		108 60	87 61	94 37	109 36	109 25	93 43	84 53	73 30	87 40	72 28	90 9 35	106 0.38 66	106 -2.4 46	90 7 36	87 7.8 61	94 1.9 37	87 42 45	85 11.5 30	76 -13 28	94 21 11	83 -8 29	98 0.2 33	95 10.0 32	106 -12.3 25	125 -5.0 15	78 18.5 34	94 -8 31	81 -3 29	77 -1.62 27	86 -2.09 30	92 -0.77 27
NBON230069 96124003		RPE 140057		108 61	95 62	95 42	105 38	119 30	106 46	93 55	73 24	98 42	79 26	92 13 29	110 -0.05 67	97 -1.2 48	94 13 38	95 12.3 62	95 2.1 42	94 58 47	93 18.3 37	80 2 30	93 20 26	73 7 17	97 0.2 33	89 6.2 32	123 -22.0 31	129 -5.7 22	74 16.2 38	88 -13 32	86 1 30	82 -1.16 25	83 -2.58 26	97 -0.33 25
NBON230070 95490082	1	AG 140458 NBON200032		95 65	99 53	101 42	100 43	98 32	94 44	94 52	85 26	90 40	91 31	98 21 37	98 1.16 71	90 -0.2 52	99 20 43	99 14.3 53	101 4.0 42	100 74 46	97 22.6 52	90 43 34	82 -7 26	93 -25 16	91 -0.2 39	90 6.9 40	105 -12.0 29	98 -0.2 17	97 29.8 49	99 -4 37	94 8 34	90 -0.33 29	93 -1.04 33	100 -0.08 30
NBON230073 96124011		JRB 200185		92 58	104 61	102 33	98 35	110 23	104 42	101 52			89 11	97 19 28	91 1.90 65	96 -1.1 44	100 22 35	104 16.9 61	102 4.4 33	105 85 43	100 25.1 36	90 40 16	103 44 9	90 -20 7	93 -0.1 18	95 10.0 18	108 -13.8 24	124 -4.9 13	77 18.1 31	103 0 18	99 13 17	91 -0.19 11	91 -1.30 11	101 0.03 11
NBON230075 96124029		JRB 200211		96 59	93 61	103 34	100 36	104 25	92 43	88 53			83 18	95 17 29	98 1.23 66	92 -0.6 45	98 19 36	93 11.1 61	103 4.6 34	97 65 44	91 17.0 36	79 1 23	95 24 11	81 -6 8	103 0.5 26	98 11.5 25	93 -5.2 26	126 -5.2 15	78 18.4 33	93 -9 25	87 2 23	84 -0.89 17	95 -0.68 18	102 0.11 17
NBON230083 96761168	8	LAR 180417 LAR 150369		87 68	105 69	88 50	100 47	90 38	85 53	94 63	109 34	88 49	102 34	99 22 37	88 2.22 73	90 -0.2 56	99 21 47	105 17.5 69	88 -0.1 50	94 60 55	106 30.8 52	107 105 44	111 63 33	119 -69 22	107 0.7 51	107 17.0 50	91 -3.9 38	91 1.1 26	101 32.7 49	104 0 48	107 20 45	108 1.46 33	95 -0.76 35	89 -0.97 33
NBON230087 96761176		BDX 210021		87 59	110 61	90 35	91 36	91 24	89 43	98 53	86 20	86 38	88 26	115 43 31	86 2.49 66	100 -1.6 45	110 37 36	110 20.0 61	90 0.5 35	95 61 44	103 28.1 34	91 43 28	88 6 13	82 -6 11	88 -0.3 30	91 7.4 30	97 -7.6 24	101 -0.7 15	81 20.1 32	90 -11 29	92 6 28	93 -0.03 25	86 -2.11 27	93 -0.63 25
NBON230101 98959000	2	LAR 180417 NBON150069		96 67	100 55	92 47	95 45	94 34	87 47	91 54	99 28	88 43	100 28	104 29 39	95 1.49 72	101 -1.7 54	104 29 45	100 14.9 55	92 1.2 47	91 51 49	100 24.9 51	100 80 36	94 21 27	106 -46 18	98 0.2 43	105 15.8 41	85 -0.6 34	106 -1.6 21	97 30.0 46	104 0 40	100 13 37	102 0.84 28	97 -0.47 29	96 -0.37 28

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	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																															
NBON230104	1	LAR 180417		97	99	103	99	98	96	97	96	94	99	100	96	98	99	99	103	102	100	97	106	100	93	101	90	107	97	102	103	102	98	96
96883384		NBON180038		66	65	45	45	33	49	59	29	45	32	23	1.35	-1.3	20	14.3	4.6	78	25.2	69	51	-37	0.0	13.1	-3.4	-1.7	30.3	-1	16	0.89	-0.22	-0.36
														39	72	53	45	65	45	52	48	38	27	17	46	44	32	20	46	43	39	31	34	31
NBON230108		LAR 180417		102	97	99	108	102	99	97	97	98	101	87	72	95	90	97	99	101	96	97	104	107	100	110	81	121	99	96	98	107	101	94
6020242563		JRB 180127		68	55	43	41	35	46	53	30	43	32	5	0.79	-0.9	7	13.1	3.4	76	21.6	69	46	-48	0.3	18.6	2.0	-4.3	31.2	-6	11	1.37	0.28	-0.55
														43	73	54	41	55	43	46	50	40	27	17	47	45	36	22	46	44	40	31	33	31
NBON230176	1	AG 140458		100	100	96	107	95	96	99	90	94	94	90	98	98	92	100	96	101	101	95	96	96	90	89	95	100	98	93	94	99	95	95
98957343		HAS 200138		68	55	46	47	36	47	54	29	43	38	10	1.15	-1.4	10	14.9	2.6	76	25.8	60	26	-30	-0.2	6.4	-6.2	-0.6	30.8	-8	9	0.61	-0.73	-0.45
														43	73	56	47	55	46	49	54	41	16	15	46	45	35	22	52	44	41	36	39	36
NBON230179	4	LAR 180417		88	108	90	95	94	92	99	104	93	100	104	84	104	104	108	90	97	109	105	106	106	94	101	88	100	101	96	102	108	92	92
98957327		HAS 200220		67	51	43	41	33	44	51	31	41	30	29	2.63	-2.1	28	19.4	0.7	66	33.1	100	51	-46	0.0	13.6	-2.0	-0.6	32.3	-7	15	1.49	-1.23	-0.75
														39	73	53	41	51	43	45	46	42	27	17	49	47	33	21	45	46	43	30	31	30
NBON240010	1	JRB 190193		110	102	93	111	86	99	106	93	97	92	88	106	107	88	102	93	102	98	94	97	87	93	98	92	87	100	85	88	96	96	97
96890462		BKR 190150		63	50	44	45	31	43	50	30	40	31	7	0.31	-2.5	5	16.2	1.5	79	23.6	57	28	-14	-0.1	11.5	-4.3	1.7	32.0	-15	3	0.27	-0.52	-0.31
														44	68	52	45	50	44	46	46	35	21	23	40	39	32	20	42	38	36	30	32	30
NBON240019	1	NFS 200229		88	109	105	88	84	92	104	119	97	114	115	85	104	112	109	105	105	114	122	118	124	118	110	77	95	96	121	119	117	111	94
97138218		NBON120033		64	52	48	45	32	45	52	37	43	34	43	2.53	-2.1	40	19.7	5.2	86	37.3	161	80	-77	1.3	18.7	4.1	0.3	29.4	13	31	2.36	1.75	-0.54
														34	69	53	45	52	48	48	48	36	17	35	44	42	32	20	44	41	36	32	36	32
NBON240021	1	LAR 180417		101	97	96	99	99	93	92	98	93	96	100	102	99	99	97	96	94	95	100	97	106	95	105	90	110	96	96	96	97	94	94
97137749		NBON180033		65	54	44	44	32	45	53	29	42	28	24	0.79	-1.5	21	13.1	2.5	58	20.9	80	29	-46	0.0	15.8	-3.2	-2.3	29.7	-6	10	0.58	-0.42	-0.54
														39	71	53	44	54	44	47	50	37	27	18	44	43	32	20	44	41	38	28	29	28
NBON240022	5	LAR 180417		95	100	92	105	97	92	95	94	91	97	96	94	97	94	100	92	96	99	94	110	96	101	100	93	101	100	92	93	114	91	88
97137756		PAD 130100		69	56	52	40	38	48	55	34	45	36	18	1.62	-1.1	13	15.0	1.2	64	23.7	56	60	-31	0.4	12.6	-5.2	-0.6	31.9	-10	8	2.05	-1.30	-1.04
														37	74	55	40	56	52	49	50	43	30	22	50	49	38	26	49	48	44	35	38	35
NBON240029	3	LAR 200053		92	119	109	94	81	108	124	102	107	114	110	88	105	104	119	109	122	114	101	88	91	116	91	90	79	101	105	109	114	96	96
98765381		RPE 180061		64	50	44	44	32	44	50	30	41	26	37	2.18	-2.3	28	25.1	6.5	127	37.1	83	7	-22	1.2	7.5	-3.5	3.2	32.3	1	22	2.12	-0.64	-0.35
														35	70	52	44	50	44	46	48	39	17	17	47	45	34	21	41	44	40	25	26	25
NBON240031	1	JRB 190193		114	107	102	101	102	116	113	103	114	103	96	115	105	97	107	102	109	105	104	102	103	101	95	106	97	104	107	107	109	104	101
98727258		LAR 160122		66	51	47	45	31	45	52	25	41	24	19	-0.54	-2.3	17	18.5	4.2	96	29.5	94	40	-41	0.4	10.0	-12.7	0.0	34.2	2	19	1.58	0.70	0.04
														37	71	54	45	51	47	48	50	35	25	12	41	40	32	19	43	39	36	23	25	23
NBON240032	4	HAS 190021		110	90	92	112	81	83	89	83	80	80	92	108	105	88	90	92	90	89	85	96	87	94	82	102	79	93	92	85	85	89	88
98729924		NBON120046		67	54	51	47	36	47	55	30	44	29	13	0.12	-2.3	4	9.5	1.3	48	15.5	23	25	-15	0.0	1.8	-10.3	3.2	27.6	-9	0	-0.79	-1.66	-1.11
														41	72	56	47	54	51	51	52	39	22	18	46	45	36	25	47	43	40	28	30	28
NBON240033	4	HAS 190021		104	91	86	121	91	86	88	82	82	82	87	102	96	83	91	86	88	90	84	87	86	94	83	109	86	96	93	85	85	87	89
98727266		NBON140033		66	53	48	47	36	47	53	30	44	29	6	0.76	-1.1	-3	10.0	-0.5	43	16.2	20	4	-14	0.0	2.5	-14.5	1.9	29.2	-9	1	-0.83	-2.06	-1.00
														41	71	55	47	53	48	49	48	38	22	20	45	43	36	25	47	42	39	28	30	28

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
NBON240035 98727274	4	HAS 190021 RPE 130003		105 68	105 55	89 52	110 47	92 39	100 49	105 55	99 36	99 46	97 38	93 13 41	100 0.98 73	108 -2.7 57	89 6 47	105 17.5 55	89 0.4 52	101 76 51	105 29.2 50	101 83 45	106 51 26	95 -29 23	87 -0.4 52	92 8.2 50	105 -11.9 40	86 2.0 29	101 32.5 48	95 -7 49	98 12 46	106 1.26 37	84 -2.40 39	94 -0.55 37
NBON240042 98730005	2	LAR 200268 NBON180100		85 64	104 50	108 44	91 45	97 28	95 43	99 50	110 33	97 41	110 30	109 36 38	86 2.44 69	94 -0.8 52	108 34 45	104 17.2 50	108 6.1 44	106 88 46	108 32.2 47	111 119 37	116 74 15	112 -57 26	96 0.1 44	112 19.6 42	99 -8.5 28	90 1.2 17	112 38.9 40	107 3 41	110 23 38	101 0.75 29	98 -0.25 30	96 -0.35 29
NBON240043 98727308	1	LAR 200268 JRB 200137		81 65	127 52	99 44	82 46	112 32	118 45	122 52	119 36	119 43	124 34	113 41 37	77 3.35 71	102 -1.8 54	120 52 46	127 29.3 52	99 3.3 44	112 101 47	125 47.2 50	115 135 42	116 75 27	119 -68 29	92 -0.1 48	123 26.7 47	111 -15.1 35	105 -1.4 20	114 40.4 42	114 8 46	121 32 43	122 2.91 33	98 -0.23 35	98 -0.18 33
NBON240044 98727316		LAR 200053 JRB 200115		98 64	112 50	118 41	92 40	107 30	122 42	120 49	102 32	119 40	114 26	105 30 33	95 1.46 70	107 -2.5 50	106 31 40	112 21.4 50	118 9.3 41	123 128 44	110 34.0 48	101 82 82	94 22 24	97 -32 22	104 0.6 46	95 9.5 44	111 -15.4 32	102 -0.9 18	102 33.3 41	115 9 43	117 28 39	118 2.50 25	94 -0.95 27	105 0.35 25
NBON240045 98728686	3	LAR 200268 RPE 190138		77 66	116 52	97 45	89 40	100 34	99 45	105 51	109 34	100 43	114 32	110 37 31	78 3.32 71	90 -0.2 52	112 39 40	116 23.3 52	97 2.8 45	105 86 46	118 40.8 50	109 113 43	116 74 21	111 -55 24	93 0.0 50	111 19.1 48	102 -13.1 36	90 1.1 23	110 38.0 43	106 2 47	113 25 43	114 2.10 31	92 -1.16 33	95 -0.50 31
NBON240048 98728702	3	LAR 180417 RPE 180067		88 68	106 55	90 47	95 47	89 37	86 48	95 54	105 35	88 45	107 37	104 28 42	87 2.34 73	97 -1.2 56	105 29 47	106 18.1 55	90 0.6 47	94 59 50	104 28.6 50	104 94 44	100 37 36	105 -46 24	100 0.3 50	104 15.1 48	85 -0.5 38	99 -0.3 26	97 29.9 47	100 -3 47	103 16 44	112 1.90 36	99 -0.18 38	92 -0.74 36
NBON240050 98957236		JRB 190193 NBON210017		92 63	103 45	109 36	99 34	96 27	101 39	105 45			93 17	96 19 31	92 1.79 69	95 -0.9 47	98 20 34	103 16.8 45	109 6.5 36	112 102 38	103 27.6 44	95 61 25	109 58 12	99 -35 10	93 -0.1 30	95 9.7 29	98 -7.9 25	97 -0.1 15	101 32.5 40	109 4 28	102 15 26	95 0.18 16	100 -0.01 18	102 0.08 16
NBON240052 98727324	7	LAR 180417 RPE 210147		89 67	111 55	91 44	95 41	109 35	103 46	103 53	105 34	103 44	105 34	103 27 36	87 2.31 73	98 -1.3 53	104 28 41	111 20.8 55	91 1.0 44	100 74 47	111 35.1 46	107 105 42	111 62 30	116 -63 23	94 0.0 49	100 12.7 47	101 -9.6 36	117 -3.6 23	96 29.3 45	100 -3 46	109 22 43	114 2.09 33	86 -2.09 35	96 -0.37 33
NBON240058 98959018	2	NFS 190080 GT 190055		116 68	90 58	98 48	119 47	103 38	103 49	96 56	93 46	100 48	94 48	81 -2 47	117 -0.75 73	99 -1.5 56	84 -2 47	90 9.5 58	98 3.2 48	98 68 51	91 17.0 54	94 55 26	85 -1 26	84 -11 43	101 0.4 52	95 9.9 52	102 -10.1 42	107 -1.8 24	95 28.5 49	86 -15 51	77 -6 48	109 1.54 46	97 -0.43 49	109 0.74 46
NBON240063 98728710	2	LAR 180417 NFS 180018		98 68	101 56	90 48	101 46	102 35	95 48	95 55	95 40	93 46	92 39	96 18 44	94 1.55 73	106 -2.3 55	97 18 46	101 15.2 56	90 0.7 48	93 57 50	99 24.5 47	94 55 43	105 49 28	109 -51 33	100 0.3 51	110 18.7 49	90 -3.4 35	113 -2.8 23	100 31.6 46	99 -4 48	93 7 44	102 0.85 38	92 -1.28 40	86 -1.20 38
NBON240066 98728728	5	LAR 180417 RPE 140001		99 69	101 57	98 52	102 47	108 37	103 49	98 57	108 34	104 46	107 36	96 18 43	99 1.05 74	96 -1.1 57	97 17 47	101 15.3 57	98 3.1 52	101 75 52	103 27.3 50	108 108 44	114 69 32	108 -50 23	94 0.0 50	104 15.4 49	112 -16.2 37	110 -2.4 26	93 27.6 48	101 -2 48	101 15 44	110 1.72 35	96 -0.58 38	104 0.27 36
NBON240067 98727357	5	LAR 180417 SYF 210052		97 67	98 55	99 43	109 41	80 33	86 45	97 53	96 32	86 42	92 37	92 12 39	96 1.37 73	93 -0.7 53	89 6 41	98 13.6 55	99 3.5 43	103 81 46	94 19.3 48	96 64 42	96 26 27	95 -28 19	83 -0.6 49	101 13.5 47	81 1.7 34	90 1.1 22	92 27.1 44	92 -9 46	89 4 43	113 1.99 36	83 -2.71 38	85 -1.32 37

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
NBON240068 98727365		LAR 180417 JRB 200185				93 67	111 55	97 44	95 46	103 33	106 46	108 54	108 28	106 42	106 29	100 23 38	92 1.86 73	101 -1.7 54	104 29 46	111 21.0 55	97 2.9 44	106 87 48	110 34.0 50	107 104 37	116 74 27	114 -59 17	94 0.0 43	109 18.1 42	93 -5.2 35	112 -2.7 21	99 31.5 44	106 2 41	109 21 37	114 2.11 28	97 -0.48 30	96 -0.42 28
NBON240081 98728769	3	LAR 180417 RPE 180094				94 68	101 56	93 47	99 46	95 36	90 48	93 55	101 33	91 45	98 36	98 21 36	94 1.59 73	97 -1.2 55	99 21 46	101 15.4 56	93 1.4 47	95 60 50	100 25.2 51	102 85 43	102 40 29	113 -58 20	98 0.2 51	98 11.5 49	91 -3.8 37	103 -1.1 24	97 30.0 46	101 -2 48	97 11 44	107 1.34 34	97 -0.47 37	88 -1.06 34
NBON240084 98729585	5	LAR 180417 RPE 130008				96 69	109 57	87 52	96 48	107 39	102 50	100 57	119 36	105 47	116 38	102 26 43	97 1.32 74	98 -1.3 58	104 28 48	109 19.6 57	87 -0.1 52	95 62 52	112 35.3 50	118 146 46	113 67 30	114 -59 23	105 0.6 53	114 21.0 52	103 -10.5 40	114 -3.0 29	96 28.2 50	104 0 51	109 21 47	115 2.19 37	98 -0.25 39	103 0.19 37
NBON240086 6020241698	1	HAS 190021 NBON200108				102 65	94 52	91 44	114 46	104 33	96 45	92 52	87 28	92 42	86 30	93 14 37	100 0.95 71	99 -1.4 54	86 2 46	94 11.8 52	91 1.1 44	94 59 47	96 21.1 48	88 35 37	95 25 20	90 -19 16	81 -0.7 44	81 1.5 42	115 -17.8 32	96 0.1 22	103 33.4 44	97 -5 41	90 5 38	94 0.06 29	93 -1.12 31	90 -0.92 29
NBON240089 98789738	2	JRB 190193 JRB 200211				103 65	102 50	107 43	97 44	96 30	103 43	104 50	94 22	100 39	96 20	95 17 39	103 0.62 71	101 -1.8 52	101 24 44	102 16.0 50	107 5.9 43	107 91 46	101 25.9 50	92 50 30	106 51 15	99 -34 11	104 0.6 35	104 15.1 34	84 0.3 31	108 -1.9 19	101 32.7 41	102 -1 33	98 12 30	99 0.63 19	100 0.08 21	101 0.07 19
NBON240095 98765399		BBM 190174 RPE 140057				103 68	103 55	88 52	103 49	113 39	105 49	98 56	83 34	100 46	82 32	89 8 42	102 0.72 72	99 -1.5 57	96 16 49	103 16.6 55	88 -0.1 52	94 60 52	98 23.3 50	89 38 44	82 -8 32	90 -20 21	97 0.1 51	91 7.4 49	112 -15.7 40	114 -3.0 28	99 31.4 48	88 -13 48	83 -1 45	91 -0.26 31	83 -2.67 33	95 -0.48 31
NBON240100 98765407	1	JRB 190193 NFS 180111				102 66	106 50	106 43	98 43	95 30	107 43	110 50	103 30	106 40	100 28	96 18 44	102 0.81 72	101 -1.8 53	100 21 43	106 18.2 50	106 5.7 43	111 101 45	104 28.7 45	104 93 32	107 53 15	120 -69 27	94 0.0 38	103 14.4 37	97 -7.2 30	96 0.1 17	100 31.7 42	113 7 36	109 21 32	93 -0.06 26	95 -0.71 29	102 0.08 26
NBON250012 98942584	4	LAR 180417 NBON130105				100 58	91 56	91 48	103 45	89 35	79 46	82 53	88 33	78 43	88 34	95 17 41	100 1.00 61	97 -1.2 51	96 16 45	91 10.2 56	91 0.8 48	85 38 50	92 17.9 52	89 39 41	105 47 30	101 -39 22	103 0.5 48	102 14.2 47	96 -6.7 33	91 1.0 24	97 30.0 47	100 -3 45	94 8 41	94 0.04 32	94 -1.51 35	94 -0.58 33
NBON250048 6020021165	1	JRB 190193 AG 140176				100 65	99 51	110 48	107 46	89 33	99 45	105 52	86 24	95 41	84 22	88 7 45	96 1.37 70	103 -2.0 55	91 9 46	99 14.3 51	110 6.8 48	113 105 48	96 21.7 50	88 34 31	99 33 19	84 -10 17	82 -0.7 36	72 -3.8 34	97 -7.3 33	87 1.7 22	98 30.9 44	93 -9 34	92 6 31	95 0.15 21	81 -2.99 22	96 -0.37 21
NBON250053 6020272206	1	NFS 210044 JRB 180127				112 63	94 46	106 39	111 39	112 33	112 41	102 47	92 36	108 40	99 35	83 0 41	113 -0.40 68	98 -1.4 50	88 4 39	94 12.0 46	106 5.4 39	107 90 41	94 19.5 46	93 52 38	97 29 12	96 -31 33	97 0.1 45	116 22.2 43	98 -8.1 35	121 -4.4 20	101 32.3 43	97 -6 42	98 12 38	104 1.04 33	96 -0.62 37	99 -0.18 34

Selection List on Cow Value

Bulls 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	LAR 200053	LAR200053	LAR 160470	LAR 170325	8	1.3		1	0	0		103	70	122	68	116	53	88	53	96	38	127	54	133	64	108	40	125	51	123	27
												★★★★																			
1	JRB 210181	JRB210181	JRB 170037	JRB 180127	6	3.7						94	68	107	56	97	45	122	45	106	37	112	47	112	54	89	24	107	42	97	22
2	LAR 200268	LAR200268	LAR 170339	LAR 140419	7	6.6		0	0	0		76	76	128	76	105	61	76	59	105	46	114	61	125	71	125	56	118	60	131	50
3	NBON220006	NBON220006	LAR 170358	LAR 170270		3.9						118	62	110	61	93	56	101	57	101	42	117	52	115	60	97	42	113	50	113	50
4	NBON230044	NBON230044	JRB 190025	JRB 200137		4.1						110	66	106	67	95	45	104	46	107	34	114	50	110	60	93	30	110	46	102	30
5	NFS 210044	NFS210044	JG 130302	NFS 190148	8	0.8	HH(c)	0	0	0		114	71	99	59	104	53	101	52	116	43	116	52	103	59	95	65	112	55	103	62
6	RPE 210216	RPE210216	LAR 140265	RPE 140001	7	3.1						89	72	125	71	93	60	79	56	110	43	114	57	119	67	125	50	118	56	129	60
												★★★★☆																			
1	GZV 210138	GZV210138	AG 170895	GZV 180156	5	3.3						113	68	103	56	99	48	112	51	89	35	107	48	111	56	98	40	105	46	109	27
2	HAS 200197	HAS200197	LAR 150423	AG 100276	8	1.8						82	72	124	62	94	60	91	60	94	43	106	55	118	63	115	36	108	51	112	28
3	NBON210060	NBON210060	SYF 150155	SYF 140240	7	5.9						126	72	86	72	86	62	136	62	107	49	105	60	94	69	86	56	101	59	83	68
4	NBON210073	NBON210073	AG 140458	NBON120039	8	0.6						101	69	89	69	109	53	104	51	118	37	103	54	90	64	96	38	101	51	93	56
5	NBON220004	NBON220004	AG 140458	LAR 080295		1.6						109	71	96	61	104	56	103	52	96	40	101	52	100	60	87	36	97	49	93	36
6	NBON220021	NBON220021	LAR 180417	LAR 160122		3.5						109	68	104	68	91	50	107	47	103	36	108	52	105	62	99	41	106	50	101	56
7	NBON220023	NBON220023	LAR 050067	RPE 180027	7	4.4						83	70	113	70	100	57	98	52	96	44	102	56	110	65	105	44	102	54	99	56
8	NBON220024	NBON220024	SYF 150155	RPE 130008	7	3.3						114	73	105	63	75	63	100	62	111	50	105	57	97	64	110	57	106	57	110	66
9	NBON220028	NBON220028		NFS 170326		0.0						108	60	96	60	101	37	103	37	105	26	103	43	97	53	84	44	98	43	90	56
10	NBON220029	NBON220029	LAR 170358	RPE 180095		1.9						98	70	119	71	76	58	93	56	94	42	101	56	109	67	110	48	103	54	116	63
11	NBON220034	NBON220034	SYF 150155	RPE 140001		3.4						117	73	96	72	86	64	114	61	112	49	107	60	96	69	96	50	105	58	97	54
12	NBON220059	NBON220059	AG 140458	JRB 180127		0.6						108	68	93	57	107	46	117	46	103	36	106	48	101	55	86	26	101	44	94	33
13	NBON230046	NBON230046	JRB 190147	JRB 200145		2.6						109	66	101	66	92	46	97	46	111	33	105	50	98	60	91	28	102	46	101	26
14	NBON230062	NBON230062	AG 140458	JRB 200223		0.6						107	68	94	57	112	46	115	46	101	36	108	48	105	55	89	28	104	44	94	34
15	NBON230067	NBON230067	NFS 190080	RPE 140001		2.3						117	70	90	71	104	56	107	51	105	40	104	55	95	66	105	48	104	54	105	48
16	NBON230080	NBON230080	LAR 180417	RPE 130008		4.5						101	69	101	69	89	52	101	48	108	40	100	54	95	63	117	36	103	50	114	38
17	NBON230148	NBON230148	LAR 180417	GT 190055		3.8						109	68	92	55	93	45	116	42	106	36	100	47	93	54	95	33	98	44	95	36

Selection List on Cow Value

Bulls 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
						<i>Italics: DNA Test</i>										
18	NBON240011	NBON240011	JRB 190193	AG 210435	1.2		104 62	103 46	108 41	102 40	88 30	103 41	110 47	99 26	102 38	97 22
19	NBON240036	NBON240036	JRB 190193	PAD 170090	1.2		104 65	103 49	99 44	101 35	96 31	102 42	104 49	95 22	100 38	95 17
20	NBON240037	NBON240037	JRB 190193	NBON170054	1.2		108 64	99 48	102 42	96 44	101 28	103 42	99 49	92 24	99 38	91 16
21	NBON240060	NBON240060	NFS 190080	LAR 170270	3.8		115 68	92 57	112 48	104 51	93 37	102 49	100 56	94 46	100 48	100 42
22	NBON240090	NBON240090	HAS 190021	SYF 140240	5.8		116 68	96 55	89 51	121 50	95 38	102 49	100 56	90 32	98 46	89 38
23	NFS 220198	NFS220198	AJF 160574	NFS 180018	1.3	0 0 0	113 71	96 61	93 55	107 56	102 41	101 53	97 61	95 53	99 53	95 52
24	RPE 220024	RPE220024	PAD 130177	RPE 120027	2.4		103 72	103 62	98 60	99 55	100 45	103 55	102 62	103 36	102 51	98 32
1	BBM 170023	BBM170023	BBM 130021	BBM 130121	8 1.7		87 71	105 71	88 60	94 59	103 47	90 58	93 67	103 48	91 56	103 39
2	BBM 210060	BBM210060	BBM 170099	BBM 130181	7 7.8	0	103 69	94 71	87 54	110 52	104 41	93 55	89 65	94 42	91 52	84 40
3	BBM 210230	BBM210230	LAR 170014	BBM 080035	7 0.2	0	97 72	104 72	90 61	99 59	104 44	97 58	96 68	91 44	95 55	89 30
4	GT 210141	GT210141	AG 150769	GT 190055	2.0		124 70	88 60	96 51	126 51	90 41	99 51	97 59	93 48	97 50	104 48
5	LAR 180417	LAR180417	LAR 140106	LAR 080125	7 6.6	HH(c) 1 0 0	92 94	103 92	91 88	98 88	97 87	91 83	94 91	107 87	93 84	106 87
6	NBON180032	NBON180032	NCM 110009	NBON120019	7 1.6		112 67	83 67	105 51	104 47	102 35	92 51	84 61	85 28	88 46	84 19
7	NBON180077	NBON180077	AG 140458	NBON150068	7 0.3		114 65	86 65	106 44	100 46	94 32	91 49	87 59	85 24	88 44	89 28
8	NBON180107	NBON180107	NFS 120003	NBON140012	7 1.0		109 66	87 54	103 50	104 48	98 37	90 47	86 54	102 36	91 45	91 33
9	NBON200004	NBON200004	AG 140458	NBON120046	1.1		112 60	86 69	106 53	112 50	91 38	92 52	91 62	80 28	88 47	83 31
10	NBON200006	NBON200006	AG 140458	RBB 080003	0.9		104 59	90 68	96 53	125 50	99 36	96 51	94 61	74 30	90 47	84 30
11	NBON210048	NBON210048	AG 140458	NBON140033	1.2		105 67	83 68	102 50	121 50	100 36	92 52	86 62	79 28	87 47	84 32
12	NBON210050	NBON210050	AG 140458	NBON120019	0.6		107 68	86 69	109 53	109 50	95 37	92 53	90 63	85 26	89 48	89 30
13	NBON210054	NBON210054	AG 140458	NBON140092	0.8		107 67	89 57	100 48	113 42	94 34	91 47	91 55	85 26	88 43	86 30
14	NBON210091	NBON210091	AG 140458	NBON180033	7 0.6		108 66	92 67	103 47	107 49	102 34	99 51	95 61	86 26	96 46	91 30
15	NBON220031	NBON220031		PAD 170090	0.0		104 60	91 36	93 35	106 23	104 24	92 33	86 38			83 14
16	NBON220049	NBON220049	LAR 180417	NBON170054	4.7		104 66	96 65	93 46	99 46	102 33	94 49	90 59	97 32	93 46	99 30
17	NBON230012	NBON230012	LAR 180417	HAS 200096	5.6		98 66	102 65	94 44	109 45	88 33	93 49	100 59	105 32	94 46	104 32
18	NBON230013	NBON230013	LAR 180417	HAS 200024	4.5		83 67	104 68	83 47	108 47	106 35	91 51	92 61	98 36	91 48	99 38
19	NBON230016	NBON230016	LAR 180417	RPE 180061	5.2		93 67	105 68	96 48	104 46	83 37	90 52	102 61	101 33	91 48	106 35
20	NBON230045	NBON230045	BBM 190174	PAD 130100	0.5		105 68	93 66	88 53	112 41	98 38	90 51	89 61	82 33	86 47	81 31

Selection List on Cow Value

Bulls 2 years and older

ID Sorted on ID			Name	Sire ID	Dam ID	Visual Score	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										
						Horned / Polled	Q204X	nt821	F94L	Acc		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
						Italics: DNA Test																									
												★★★★																			
21	NBON230048	NBON230048	BBM 190174	NBON180015	0.2						110	63	92	62	88	44	103	46	101	29	90	47	86	57	81	26	86	43	80	24	
22	NBON230052	NBON230052		NFS 180111	0.0						108	60	91	37	100	34	104	34	105	25	97	35	90	40	86	26	93	33	88	26	
23	NBON230057	NBON230057		SYF 170425	0.0						103	60	94	61	90	39	113	38	98	26	91	44	91	54					80	27	
24	NBON230058	NBON230058		BBM 200370	0.0						99	58	92	61	100	35	99	36	107	23	92	42	86	53					81	14	
25	NBON230061	NBON230061		JRB 200213	0.0						105	58	95	61	95	34	100	36	109	24	98	42	91	52					85	10	
26	NBON230063	NBON230063		JRB 200153	0.0						95	59	100	61	102	33	99	35	97	23	96	42	98	52					91	10	
27	NBON230071	NBON230071	HAS 190021	NBON200036	0.9						114	63	87	45	92	38	122	38	90	31	90	40	90	46	85	27	87	37	86	29	
28	NBON230081	NBON230081	HAS 190021	NBON200108	1.4						104	65	88	64	93	45	121	46	104	33	94	49	89	58	86	28	91	45	84	30	
29	NBON230091	NBON230091	LAR 180417	AG 140176	4.7						100	69	96	69	99	51	105	48	90	37	90	53	95	63	91	32	89	49	91	34	
30	NBON230092	NBON230092	LAR 180417	NBON180045	1.6						104	66	92	66	99	46	107	44	93	34	90	50	91	60	97	29	90	46	98	31	
31	NBON230103	NBON230103	NFS 200229	GZV 180156	1.3						104	65	101	66	94	43	95	43	89	31	91	49	96	59	117	39	95	47	117	36	
32	NBON230107	NBON230107	LAR 180417	RPE 180094	3.2						95	68	105	69	91	48	96	46	95	36	93	52	97	62	102	33	93	48	102	36	
33	NBON230165	NBON230165	LAR 180417	NBON200115	0.9						98	64	94	49	99	37	105	35	100	29	92	41	91	47	93	28	91	38	95	30	
34	NBON240017	NBON240017	HAS 190021	NBON110015	1.0						106	66	103	54	89	50	109	47	83	35	93	47	102	54	96	30	92	44	94	27	
35	NBON240018	NBON240018	HAS 190021	NBON120039	1.0						105	67	91	54	94	51	110	47	108	36	96	47	89	55	89	29	93	43	85	30	
36	NBON240025	NBON240025	NFS 190080	NFS 200144	1.8						107	68	97	58	95	48	102	45	100	36	97	48	95	56	110	50	99	48	109	48	
37	NBON240027	NBON240027	HAS 190021	HAS 200024	4.8						109	67	93	53	75	47	122	48	98	35	90	47	88	53	88	35	87	45	87	36	
38	NBON240059	NBON240059	LAR 180417	GZV 180156	4.2						105	67	97	55	95	44	106	45	100	34	97	46	95	54	101	32	97	43	101	31	
39	NBON240062	NBON240062	LAR 180417	RPE 210103	3.9						92	67	105	54	93	42	99	37	97	33	95	45	99	52	94	30	94	42	94	32	
40	NBON240088	NBON240088	LAR 180417	JRB 200145	0.6						100	67	97	55	90	45	100	46	100	34	91	46	90	54	94	30	90	43	97	29	
41	NBON240098	NBON240098	LAR 180417	JRB 200153	0.3						95	67	105	55	99	45	98	46	91	34	95	46	102	54	101	29	95	43	105	29	
42	NBON240105	NBON240105	LAR 180417	NBON200028	1.8						100	62	97	51	94	40	102	38	95	31	91	42	92	49	99	28	91	39	99	31	
43	NFS 190080	NFS190080	LAR 140064	ZVJ 120063	7	0.9	HH(c)	0	0	0	🇬🇧	118	95	93	95	101	92	100	91	90	90	96	86	95	94	102	92	96	87	104	92
44	RPE 210184	RPE210184	PAD 180015	RPE 180094	3.9						89	70	112	69	93	54	94	46	90	39	95	54	105	63	80	40	90	51	94	58	
												★★★★☆																			
1	BBM 190174	BBM190174	BBM 130021	BBM 060030	8	2.4					103	77	98	76	82	65	104	62	100	50	89	62	89	72	84	48	86	59	75	38	
2	CHC 170166	CHC170166	BG 080102	CHC 100256	7	0.0					98	69	107	67	92	62	88	58	83	42	88	56	99	65	107	48	90	54	114	38	
3	HAS 190021	HAS 190021	ADV 100321	LAR 100013	7	6.3					116	82	93	77	78	65	125	62	82	53	88	64	94	74	87	49	85	61	84	52	

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											
										★★★★																					
4	NBON180046	NBON180046	RGR 120191	HOT 040108	6	0.7					105	68	93	69	91	50	100	45	93	35	85	52	86	62	87	25	83	47	87	19	
5	NBON180052	NBON180052	AG 140458	NBON150070	6	0.7					97	66	96	67	102	46	97	49	93	35	89	51	91	61	86	26	86	46	91	30	
6	NBON180054	NBON180054	AG 140458	NBON150101	7	0.8					99	66	94	67	104	46	98	49	92	35	88	51	90	61	85	26	85	46	90	30	
7	NBON180080	NBON180080	AG 140458	NBON150084	6	0.9					97	65	96	65	92	46	103	48	94	35	87	50	89	59	88	25	85	45	91	30	
8	NBON210047	NBON210047	AG 140458	NBON100058		0.0					109	64	81	63	107	47	108	36	100	29	89	47	82	57	83	22	85	42	89	28	
9	NBON210062	NBON210062	NBON190016	NBON180015		0.1					110	59	86	61	95	37	110	41	94	22	86	43	83	54	80	34	82	41	81	54	
10	NBON220027	NBON220027	HAS 190021	NBON110058		1.3					113	67	94	53	80	49	110	42	86	38	85	47	89	53	93	31	84	44	91	29	
11	NBON220033	NBON220033	SYF 150155	RPE 190115		3.6					96	71	100	70	78	59	111	59	101	47	89	58	89	67	87	48	86	56	87	52	
12	NBON220035	NBON220035	LAR 180417	NBON180100		2.7					98	65	91	64	101	45	103	45	95	31	87	48	88	58	100	31	88	45	95	31	
13	NBON220060	NBON220060	HAS 190021	HAS 190117		5.5					104	56	92	53	85	45	123	43	90	35	88	44	91	51	77	30	83	41	76	34	
14	NBON220191	NBON220191	AG 140517	NBON150069		1.0					101	67	94	56	92	48	92	46	89	34	80	47	83	55	90	24	79	42	92	24	
15	NBON230051	NBON230051		SYF 210052		0.0					93	59	91	35	104	29	119	29	87	21	87	32	94	37					76	26	
16	NBON230056	NBON230056		NBON180100		0.0					102	56	80	57	106	33	114	34	101	18	86	39	80	50					81	16	
17	NBON230060	NBON230060		SYF 190095		0.0					107	60	91	37	82	35	115	37	101	26	89	36	86	40	79	20	85	33	82	29	
18	NBON230065	NBON230065	LAR 180417	NFS 200153		4.2					99	67	102	55	93	45	98	46	88	35	89	47	96	54	107	36	92	45	105	36	
19	NBON230082	NBON230082	HAS 190021	NBON200118		2.2					106	64	93	62	86	43	108	45	89	31	84	47	88	57	84	27	82	43	85	29	
20	NBON230123	NBON230123	HAS 190021	NBON200028		1.9					110	63	93	48	88	40	115	39	88	32	89	42	93	48	89	28	87	39	88	30	
21	NBON240003	NBON240003	HAS 190021	RPE 190115		4.3					101	66	97	52	81	46	110	46	90	36	83	46	89	52	90	30	82	43	87	32	
22	NBON240020	NBON240020	NFS 200229	NBON110058		0.7					94	64	110	51	84	46	85	39	83	33	85	44	98	51	121	39	90	43	119	35	
23	NBON240026	NBON240026	BBM 190174	HAS 190117		0.3					100	66	93	52	87	45	110	43	99	34	87	45	87	52	76	30	82	42	72	30	
24	NBON240041	NBON240041	HAS 190021	NFS 200153		3.9					113	67	96	52	87	45	109	47	80	35	86	46	94	52	97	35	87	44	94	35	
25	NBON240047	NBON240047	LAR 180417	RPE 180095		2.7					91	67	100	55	90	47	102	44	90	34	84	47	91	54	99	31	85	44	97	32	
26	NBON240082	NBON240082	LAR 180417	BDX 210021		6.3					93	67	108	55	88	46	93	47	85	34	86	47	97	54	105	32	88	44	101	37	
27	NBON240083	NBON240083	LAR 180417	NBON170064		1.3					100	65	92	54	96	45	101	44	93	30	85	45	86	53	100	28	86	42	98	31	
28	NBON240085	NBON240085	LAR 180417	AG 140176		4.7					98	69	95	57	100	51	106	48	90	37	89	49	94	57	91	32	88	46	89	34	
29	NFS 120003	NFS 120003	AG 060151	NFS 090086	6	3.8					106	81	93	79	102	67	113	65	72	55	85	65	97	75	108	68	88	66	96	64	
30	NFS 200229	NFS200229	NFS 170142	NFS 100082	8	1.7	HH(c)	1	0	0	🇬🇧	84	89	123	89	86	87	73	87	76	85	87	81	113	88	143	88	97	82	141	88
31	RPE 210122	RPE210122	RPE 190118	RPE 190138	6	2.9					82	65	110	63	87	44	97	34	95	34	89	47	97	56	102	40	90	46	103	55	

Selection List on Cow Value

Bulls 2 years and older

ID Name Sorted on ID		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	AG 140517 AG140517	AG 100179	AG 070553	8	0.5			9384	9684	9365	9262	8651	7766	8278	8940	7661	9042
2	NBON180043 NBON180043	RGR 120191	NBON130105	6	2.2			10466	8764	8746	10143	8134	7049	7658	7428	6745	7925
3	NBON200008 NBON200008	AG 140517	NBON130105		2.6			10465	8567	9249	10046	8536	7251	7461	7828	6946	8130
4	NBON240002 NBON240002	LAR 180417	NBON130105		4.3			10367	8956	9048	10345	8935	7947	8155	8833	7844	8834

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										
							Italics: DNA Test																					
									★★★★★																			
1	JRB 200137	JRB200137	JRB 130241	JRB 160093	6	4.4			97	74	123	72	91	64	88	71	119	46	125	61	121	71	112	47	124	58	118	46
2	JRB 200185	JRB200185	JRB 150015	JRB 180025	6	4.3			96	72	118	70	104	62	92	70	109	43	121	59	120	69	109	24	120	52	107	22
3	NBON240044	NBON240044	LAR 200053	JRB 200115		0.3			98	64	112	50	118	41	92	40	107	30	122	42	120	49	102	32	119	40	114	26
4	RPE 140057	RPE140057	LAR 050350	SAS 000123	7	0.9			100	82	110	79	94	81	102	75	126	59	121	69	108	79	82	48	114	65	88	51
									★★★★★																			
1	JRB 180127	JRB180127	JRB 130019	JRB 150124	8	1.6			106	76	92	71	108	59	125	57	108	48	110	59	103	68	88	30	105	53	96	34
2	JRB 200115	JRB200115	JRB 130241	BBN 100288	6	1.7			87	75	105	72	121	62	97	60	118	47	117	60	110	69	96	46	113	57	106	44
3	NBON240031	NBON240031	JRB 190193	LAR 160122		1.2			114	66	107	51	102	47	101	45	102	31	116	45	113	52	103	25	114	41	103	24
4	NBON240043	NBON240043	LAR 200268	JRB 200137		0.5			81	65	127	52	99	44	82	46	112	32	118	45	122	52	119	36	119	43	124	34
5	RPE 130003	RPE130003	LAR 050350	RPE 090011	7	0.3			99	81	114	78	99	82	100	71	101	58	114	68	117	78	110	51	113	65	111	56
6	RPE 130008	RPE130008	LAR 050350	DNT 990072	6	0.4			101	84	113	77	84	82	93	76	117	60	113	70	105	79	131	51	118	66	127	54
7	RPE 140001	RPE140001	LAR 050350	HJS 020041	8	0.5			109	82	97	79	105	83	106	73	119	55	115	69	101	79	109	46	114	64	108	50
8	SYF 140240	SYF140240	GEL 100113	SYF 090033	7	4.3			117	81	98	78	100	78	115	78	108	55	115	68	106	79	94	40	111	62	95	58
									★★★★★																			
1	GT 190055	GT190055	AG 130024	AG 130254	8	2.4			123	76	82	72	95	63	135	61	116	52	109	61	93	70	83	41	103	57	84	49
2	GZV 180156	GZV180156	LAR 140024	GZV 140285	7	2.1			116	76	91	71	100	62	119	69	103	45	106	60	99	70	95	38	103	56	97	31
3	JRB 200153	JRB200153	JRB 140044	JRB 140009	6	6.8			93	73	109	71	108	64	98	71	84	44	100	60	112	70	95	28	98	54	105	20
4	LAR 170270	LAR170270	ARB 140055	LAR 140236	7	5.7			113	75	91	71	123	63	110	71	96	48	109	61	106	70	86	36	104	56	95	28
5	NBON110015	NBON110015	BEI 050101	TBR 050121	7	0.2			99	78	111	76	99	77	98	70	85	47	101	65	112	76	105	32	101	58	104	17
6	NBON120039	NBON120039	RGR 060044	NBON070123	7	0.6			91	81	90	76	111	79	100	72	134	48	107	66	87	77	91	30	103	59	86	30
7	NBON200108	NBON200108	AG 140458	NBON120039	6	0.6			96	73	91	70	104	61	105	68	125	38	104	58	89	68	88	26	100	52	88	32
8	NBON220051	NBON220051	LAR 180417	HAS 200195		4.3			79	67	122	52	94	43	96	42	103	34	108	45	115	51	108	31	108	42	108	32
9	NBON230069	NBON230069		RPE 140057		0.0			108	61	95	62	95	42	105	38	119	30	106	46	93	55	73	24	98	42	79	26
10	NBON230073	NBON230073		JRB 200185		0.0			92	58	104	61	102	33	98	35	110	23	104	42	101	52					89	11
11	NBON240029	NBON240029	LAR 200053	RPE 180061		3.1			92	64	119	50	109	44	94	44	81	32	108	44	124	50	102	30	107	41	114	26
12	NBON240035	NBON240035	HAS 190021	RPE 130003		4.4			105	68	105	55	89	52	110	47	92	39	100	49	105	55	99	36	99	46	97	38

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										
									Italics: DNA Test				★★★★☆																			
13	NBON240050	NBON240050	JRB 190193	NBON210017	0.4								92	63	103	45	109	36	99	34	96	27	101	39	105	45			93	17		
14	NBON240052	NBON240052	LAR 180417	RPE 210147	6.7								89	67	111	55	91	44	95	41	109	35	103	46	103	53	105	34	103	44	105	34
15	NBON240058	NBON240058	NFS 190080	GT 190055	1.6								116	68	90	58	98	48	119	47	103	38	103	49	96	56	93	46	100	48	94	48
16	NBON240066	NBON240066	LAR 180417	RPE 140001	4.5								99	69	101	57	98	52	102	47	108	37	103	49	98	57	108	34	104	46	107	36
17	NBON240068	NBON240068	LAR 180417	JRB 200185	0.4								93	67	111	55	97	44	95	46	103	33	106	46	108	54	108	28	106	42	106	29
18	NBON240084	NBON240084	LAR 180417	RPE 130008	4.5								96	69	109	57	87	52	96	48	107	39	102	50	100	57	119	36	105	47	116	38
19	NBON240089	NBON240089	JRB 190193	JRB 200211	2.2								103	65	102	50	107	43	97	44	96	30	103	43	104	50	94	22	100	39	96	20
20	NBON240095	NBON240095	BBM 190174	RPE 140057	0.1								103	68	103	55	88	52	103	49	113	39	105	49	98	56	83	34	100	46	82	32
21	NBON240100	NBON240100	JRB 190193	NFS 180111	0.8								102	66	106	50	106	43	98	43	95	30	107	43	110	50	103	30	106	40	100	28
22	NFS 180111	NFS180111	HDT 150018	ZVJ 120082	6	1.0			0	0	0		99	77	106	73	103	67	98	69	94	45	103	62	107	72	107	54	104	60	104	52
23	RPE 210103	RPE210103	PAD 180015	RPE 180027	4.9								98	71	105	70	96	56	101	45	97	42	100	55	103	65	81	32	94	50	83	34
													★★★★																			
1	AG 140176	AG140176	AG 090319	AG 080214	7	1.2	HH(c)	1	0	0	6		100	92	89	90	110	90	120	90	83	87	90	83	98	90	74	86	84	84	72	86
2	HAS 200024	HAS200024	SYF 150155	HAS 140026	8	2.2							97	75	96	72	73	68	116	73	114	47	91	62	83	72	88	50	88	60	90	52
3	JRB 200145	JRB200145	JRB 140044	JRB 150066	6	3.4							111	74	91	72	89	64	103	71	103	46	91	61	86	71	82	32	87	55	88	24
4	JRB 200211	JRB200211	JRB 130019	JRB 130236	7	2.3							104	74	97	72	105	66	95	72	97	47	96	61	95	71	89	32	93	55	95	35
5	NBON120033	NBON120033	RGR 060044	WVW 040139	7	1.1							93	78	94	76	124	77	108	72	92	49	99	65	103	76	95	30	97	58	87	20
6	NBON170054	NBON170054	RGR 100070	NBON070117	7	2.2							101	74	97	69	96	64	93	70	107	40	96	59	90	69	85	36	92	54	86	28
7	NBON180033	NBON180033	NCM 110009	NBON130101	6	0.3							111	72	90	68	101	62	101	66	102	38	95	57	89	67	89	27	93	51	87	19
8	NBON180089	NBON180089	NCM 110009	NBON120018	1.5								100	67	93	66	92	50	115	40	110	36	98	50	91	60	93	28	95	46	88	20
9	NBON200021	NBON200021	AG 140458	NBON170032	0.6								95	62	97	56	104	42	102	46	94	33	93	45	95	53	89	24	90	41	92	29
10	NBON200046	NBON200046	AG 140458	NBON180055	0.8								110	65	95	65	101	46	97	43	100	33	98	49	94	59	88	27	95	45	90	30
11	NBON220038	NBON220038	AG 190460	AG 200036	4.6								88	64	111	50	95	39	101	37	92	30	98	42	108	48	95	24	97	38	101	20
12	NBON230050	NBON230050		BBM 180029	0.0								107	60	85	38	96	37	123	38	108	26	96	36	87	41					74	20
13	NBON230055	NBON230055		NBON070153	0.0								99	60	92	60	100	43	96	38	110	31	93	45	85	54	86	28	89	42	86	26
14	NBON230068	NBON230068		NFS 180018	0.0								108	60	87	61	94	37	109	36	109	25	93	43	84	53	73	30	87	40	72	28
15	NBON230070	NBON230070	AG 140458	NBON200032	1.1								95	65	99	53	101	42	100	43	98	32	94	44	94	52	85	26	90	40	91	31
16	NBON230075	NBON230075		JRB 200211	0.0								96	59	93	61	103	34	100	36	104	25	92	43	88	53					83	18

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	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	Horned / Polled	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
					Q204X nt821 F94L										
					Genomic test										
					Italics: DNA Test										
17	NBON230104	NBON230104	LAR 180417	NBON180038	1.3										
18	NBON230108	NBON230108	LAR 180417	JRB 180127	0.4										
19	NBON230176	NBON230176	AG 140458	HAS 200138	1.2										
20	NBON230179	NBON230179	LAR 180417	HAS 200220	3.7										
21	NBON240010	NBON240010	JRB 190193	BKR 190150	1.2										
22	NBON240019	NBON240019	NFS 200229	NBON120033	1.0										
23	NBON240021	NBON240021	LAR 180417	NBON180033	1.2										
24	NBON240022	NBON240022	LAR 180417	PAD 130100	5.2										
25	NBON240042	NBON240042	LAR 200268	NBON180100	1.9										
26	NBON240045	NBON240045	LAR 200268	RPE 190138	2.8										
27	NBON240063	NBON240063	LAR 180417	NFS 180018	2.0										
28	NBON240081	NBON240081	LAR 180417	RPE 180094	3.2										
29	NBON240086	NBON240086	HAS 190021	NBON200108	1.4										
30	NFS 180018	NFS180018	NFS 140014	NFS 110079	6 2.2	0	0	0							
31	NFS 200144	NFS200144	HDT 160077	NFS 140158	7 1.0										
32	PAD 130100	PAD 130100	LAR 070090	PAD 090096	6 1.5										
33	PAD 170090	PAD 170090	PAD 150078	PAD 140409	7 4.7										
34	RPE 180061	RPE180061	LAR 090281	RPE 140012	6 2.9										
1	BDX 210021	BDX210021	SYF 160069	BDX 120045	6 5.8										
2	HAS 190117	HAS190117	SYF 140089	AG 080399	7 2.1										
3	NBON110058	NBON110058	RGR 010162	FAN 070026	6 0.9										
4	NBON120046	NBON120046	BHE 050032	RGR 000005	7 2.3										
5	NBON140033	NBON140033	BHE 050032	NBON070125	6 2.6										
6	NBON180031	NBON180031		NBON150064	0.0										
7	NBON180100	NBON180100	NFS 120003	NBON110111	7 0.0										
8	NBON190012	NBON190012		NBON150064	0.0										
9	NBON230064	NBON230064		JRB 210010	0.0										

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												
								★★★★																					
10	NBON230083	NBON230083	LAR 180417	LAR 150369	8.3			87	68	105	69	88	50	100	47	90	38	85	53	94	63	109	34	88	49	102	34		
11	NBON230087	NBON230087		BDX 210021	0.0			87	59	110	61	90	35	91	36	91	24	89	43	98	53	86	20	86	38	88	26		
12	NBON230101	NBON230101	LAR 180417	NBON150069	1.9			96	67	100	55	92	47	95	45	94	34	87	47	91	54	99	28	88	43	100	28		
13	NBON240032	NBON240032	HAS 190021	NBON120046	4.0			110	67	90	54	92	51	112	47	81	36	83	47	89	55	83	30	80	44	80	29		
14	NBON240033	NBON240033	HAS 190021	NBON140033	4.3			104	66	91	53	86	48	121	47	91	36	86	47	88	53	82	30	82	44	82	29		
15	NBON240048	NBON240048	LAR 180417	RPE 180067	3.1			88	68	106	55	90	47	95	47	89	37	86	48	95	54	105	35	88	45	107	37		
16	NBON240067	NBON240067	LAR 180417	SYF 210052	5.2			97	67	98	55	99	43	109	41	80	33	86	45	97	53	96	32	86	42	92	37		
17	NFS 200153	NFS200153	LAR 150117	NFS 150322	7	1.9	0	0	0	104	75	102	71	96	64	99	71	77	46	88	61	99	70	107	49	90	59	104	47
18	RPE 180067	RPE 180067	LAR 090281	RPE 100003	6	3.1		80	77	110	73	89	71	91	72	81	54	81	64	97	73	102	48	83	61	107	52		
19	SYF 210052	SYF210052	SYF 170296	SYF 170132	6	6.9		101	74	92	70	108	58	127	58	63	42	84	57	102	67	85	38	81	53	79	52		
								★★★★																					
1	NBON170064	NBON170064	NBON110038	NBON110224	7	0.0		103	72	84	67	102	64	104	67	90	33	79	56	80	67	92	26	79	50	90	32		
2	NBON190043	NBON190043	AG 140517	NBON160136	1.2			94	54	97	51	97	40	93	38	83	33	79	41	86	48	90	24	78	38	92	23		
								★★★★																					
1	NBON130105	NBON130105	BHE 050032	NBON080008	6	2.5		107	78	79	73	90	73	109	69	81	47	68	63	71	73	70	41	63	59	71	40		

Selection List on Cow Value

Bull calves younger than 2 years

ID Name Sorted on ID		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	NBON250056 NBON250056	NFS 210044	RPE 130008	0.9				10765	10648	9449	9746	11737	11445	10450	11342	11544	11541
								★★★★									
1	NBON250033 NBON250033	NFS 210044	RPE 180067	1.0				9763	10547	9644	9645	9935	9843	10049	9940	9742	10540

Selection List on Cow Value

Heifers younger than 2 years

ID Name Sorted on ID		Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X ni821 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	NBON250053	NBON250053	NFS 210044	JRB 180127	1.0			11263	9446	10639	11139	11233	11241	10247	9236	10840	9935
								★★★★★									
1	NBON250048	NBON250048	JRB 190193	AG 140176	1.2			10065	9951	11048	10746	8933	9945	10552	8624	9541	8422
								★★★									
1	NBON250012	NBON250012	LAR 180417	NBON130105	4.3			10058	9156	9148	10345	8935	7946	8253	8833	7843	8834

