

BONSMARA

GENOMIC BREEDING VALUE REPORT

September 2026



CHAPPIES BONSMARA

Herd Number: 717630

E-mail: nchapman@digmingroup.com



EBVs, EBVi's and GEBVs

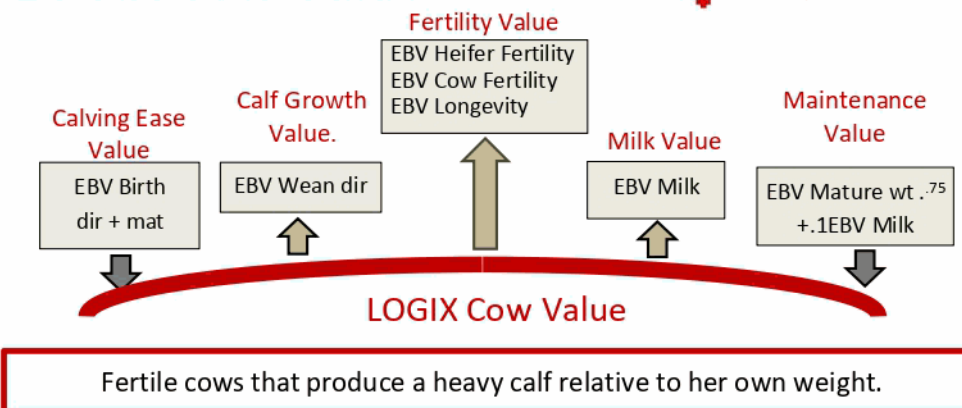
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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

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

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

LOGIX Cow Value



Selection Values

LOGIX Cow Value



Selecting for:

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

LOGIX Growth Value



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

How to use the Cow Value

Selection values should be compatible with your selection goal.

AVERAGE ANIMALS

(NO GROWTH EXTREMES)

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

GROWERS

(GOOD ENVIRONMENT)

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

LOW- MAINTENANCE ANIMALS

(HARSH ENVIRONMENT)

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

LOGIX Weaner Calf Value



Select for:

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

LOGIX Carcass Value



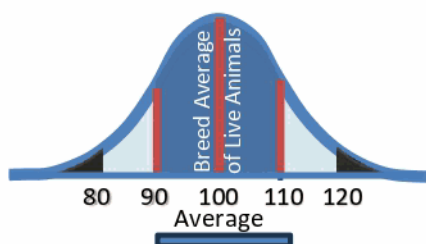
Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

Interpretation of EBVi and Selection Values

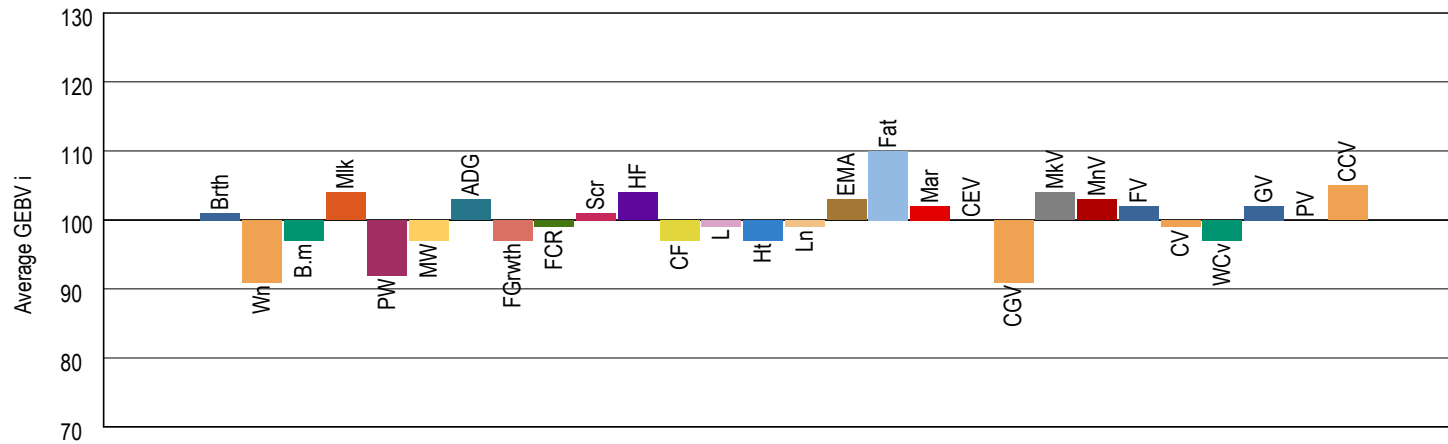


Examples

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

	EBVi	Description / Measurement	Goal	Low Value	High Value
Selection Values	Calving Ease Value	Difficult calving due to high birth weight	Average birth weight	High	Low
	Calf Growth Value	Calf's genetic ability for prewean growth	Heavy weaner	Light	Heavy
	Milk Value	Cow's genetic mothering and milking ability	Enough milk for calf	Less	More
	Maintenance Value	Maintenance requirement of cow (weight and milk)	Low cow maintenance	High	Low
	Fertility Value	Fertility and retention of cows and heifers	Fertile cows	Low	High
	Cow Value	Combination of calving ease, calf growth, milk, maintenance and fertility values (Rand-value per Ha)	Profitable cows	Loss	Profit
	Weaner Calf Value	Heavier weaners and more milk, with lower birth and cow weights	Heavy weaner	Light	Heavy
	Growth Value	Efficient growth on veld and in feedlot (Rand-value per animal)	Profitable growth	Loss	Profit
	Production Value	Combination of Cow- and Growth Values (Rand-value)	Profitable animals	Loss	Profit
	Carcass Value	Meat on carcass (Weight and RTU EBVs)	Meat on carcass	Less	More
Birth	Cow weight - birth	Cow weight at birth of calves	Mature cow weight	Light	Heavy
	Birth weight direct	Birth weight (Calf's genetic ability)	Average birth weight	Heavy	Light
	Cow-Calf birth	EBV Birth dir / EBV Mature cow weight	Average	Low	High
Wean	Cow Weight wean	Cow weight at weaning of calves	Mature cow weight	Light	Heavy
	Weaning weight direct	Weaning weight (Calf's genetic ability)	Heavy weaners	Light	Heavy
	Weaning weight mat	Weaning weight (Dam's genetic ability)	Good mothers	Poor	Good
	Cow-Calf Wean	EBV Wean dir / EBV Mature cow weight	High cow-calf ratio	Low	High
Growth & Adaptation	Post-Wean weight	12- and 18mnth weights	Post-wean growth	Low	High
	Ave. Daily Gain	Average daily gain in growth test (Phase C and D)	Good growth	Poor	Good
	Veld Growth	ADG on veld (Phase B)	Good adaptation	Poor	Good
	Feed Conversion Ratio	100g feed intake / g weight gain	Feed Efficiency	Poor	Good
	Final Test Weight	Final weight in growth test (Phase C and D)	Heavy Carcasses	Light	Heavy
	Skin Thickness	Measured in growth tests	Thicker skin	Thin	Thick
	Scrotal Circumference	Scrotal circumference in growth test	Fertile bulls	Less	More
Fertility	Heifer Fertility	Age at first calving	Fertile heifers	Less	More
	Cow Fertility	First 3 inter-calving periods (ICPs)	Fertile cows	Less	More
	Longevity	Retention of progeny	Acceptable progeny	Poor	Good
Frame	Height	Shoulder / Hip height in growth test	Average height	Short	Tall
	Length	Length in growth test	Longer (more meat)	Short	Long
	Length:Height	EBV Length / EBV Height	Longer, not higher	Less desirable	More desirable
Carcass	Eye Muscle Area	RTU Eye muscle area	Muscle in carcass	Small	Big
	Fat	RTU P8 Backfat Thickness	Carcass quality & adaptability	Thin	Thick
	Marbling	RTU % Marbling	Juicy meat	Low	High
	Dressing%	Carcass weight / Live weight	High dressing %	Low	High

Herd and Breed Averages



Genomic Breeding Values (GEBVs):

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

Selection Values:

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

	Trait	EBV Herd	EBVi Herd	EBV Breed
Prewrite Growth	Birth Weight	0.87	101	0.98
	Wean Weight	10.1	91	14.9
	Birth Mat.	-0.14	97	-0.28
	Milk (Wn.Mat.)	5.0	104	3.7
Postwean Growth	Postwean Wt	18	92	25
	Mature Weight	17	97	22
	ADG	89	103	79
	VeldGrowth	28	97	35
	FCR	-35	99	-37
Fertility	Scrotal Circumf.	13	101	13
	Heifer Fertility	-11.6	104	-9.1
	Cow Fertility	0.00	97	-0.56
	Longevity	31.5	99	31.8
Frame	Height	-5.8	97	-3.1
	Length	13.1	99	13.6
Carcass	EMA	1.026	103	0.683
	Fat	1.679	110	0.055
	Marbling	0.106	102	-0.056

Selection Value	Ave. Herd
Calving Ease	100
Calf Growth	91
Milk	104
Maintenance	103
Fertility	102
Cow Value	99
Weaner Calf Value	97
Growth Value	102
Production Value	100
Carcass Value	105

- 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?:

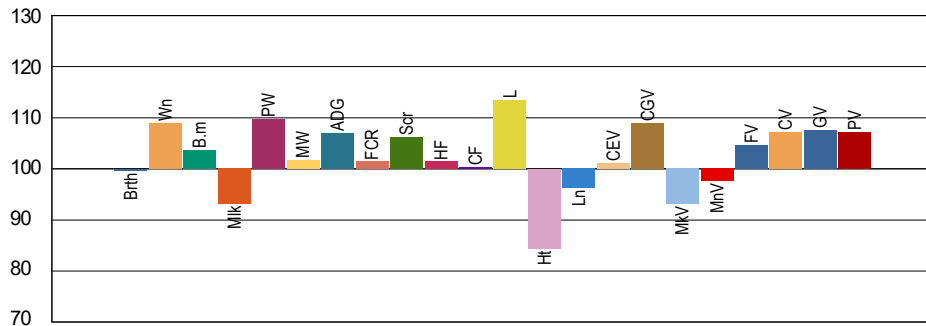
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

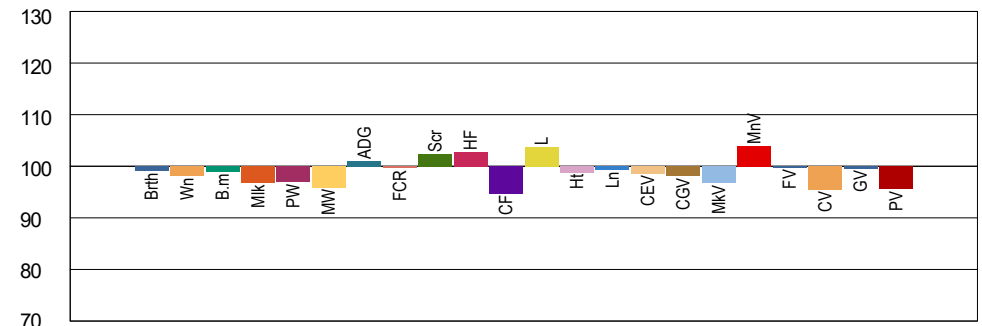
Total: 8



Cow Herd

Cows born in 2024 and earlier

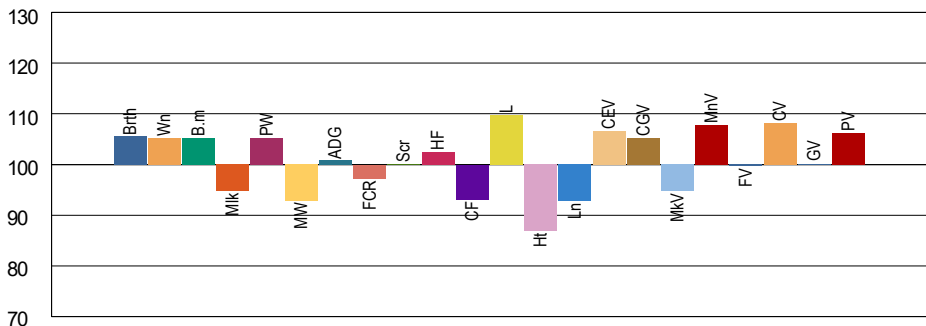
Total: 43



Sires of young animals

Sires of animals 3 years and younger

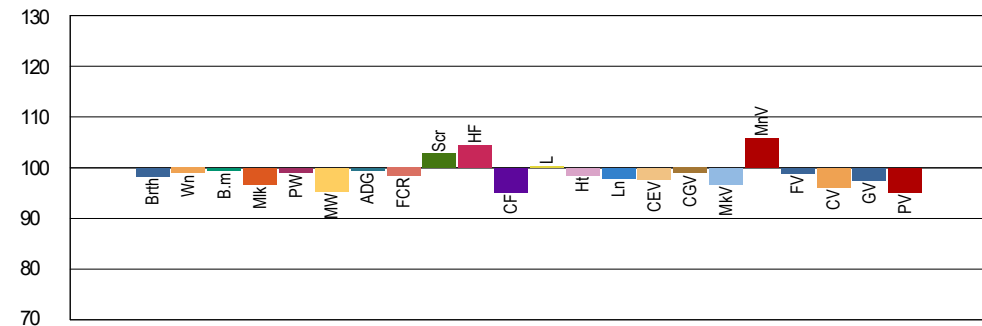
Total: 17



Cows older than 6 years

Cows born in 2020 and earlier

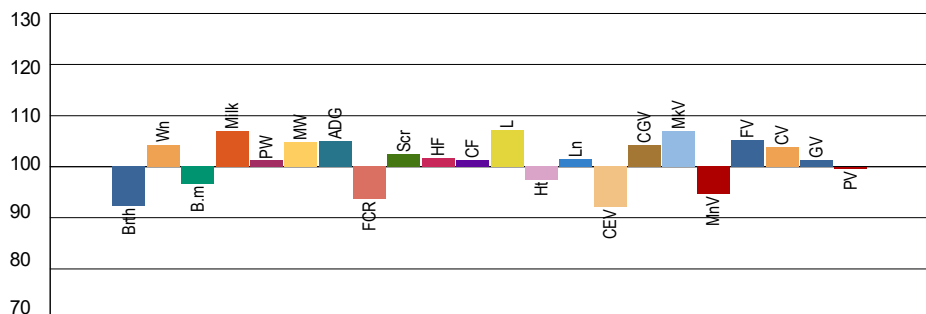
Total: 17



Bull calves

Bulls born in 2025

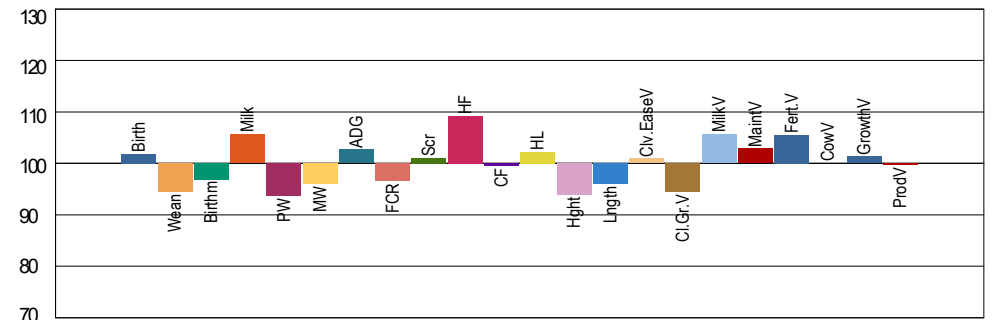
Total: 13



Heifer calves

Heifers born in 2025

Total: 19

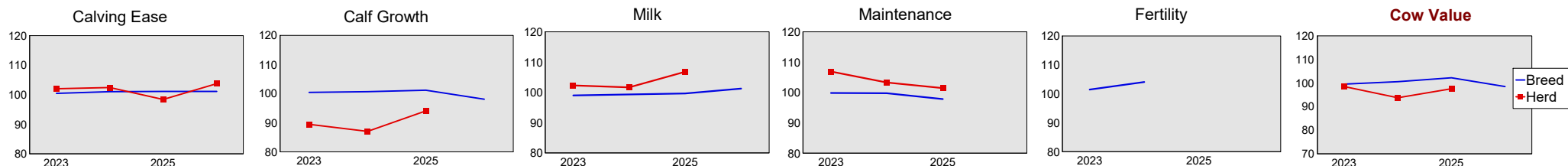


Summary of Cow Herd

			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	99	100	100	100	100	100	100
2016	1	★★★	126	76	73	121	100	79	73	74	123	76	112	73	75	84	73	74	74	104	98	101	77	65
2017	2	★★★★☆	97	88	90	97	104	81	104	84	100	88	90	90	87	103	103	108	99	124	95	91	91	94
2018	9	★★★★	100	80	111	103	91	94	100	93	101	80	94	111	80	95	101	97	101	96	90	95	104	104
2019	9	★★★★	90	91	116	100	96	98	97	97	95	91	86	116	91	99	99	96	101	105	91	96	101	99
2020	41	★★★★	103	81	108	107	101	99	99	98	105	81	97	108	81	94	101	101	106	104	97	95	100	100
2021	4	★★★★☆	111	88	88	102	107	100	107	100	109	88	107	88	84	97	110	108	99	113	104	97	88	95
2022	5	★★★★	93	97	96	106	94	96	113	99	94	97	96	96	112	95	115	112	109	96	90	105	96	103
2023	21	★★★★☆	100	88	103	107	100	101	101	100	101	88	95	103	91	92	100	100	103	105	91	87	98	99
2024	16	★★★★	103	90	101	104	101	91	97	91	104	90	98	101	87	95	98	97	100	100	96	104	102	101
2025	19	★★★★☆	101	94	106	103	105	100	101	100	102	94	97	106	94	96	103	97	101	109	100	102	94	96
2026	10	★★★★	107	92	106	101	103	99	102	100	107	92	100	106	90	97	103	97	95	111	95	100	97	101
Cows in Herd Average:			103	88	100	105	100	94	99	94	104	88	97	100	88	95	101	103	99	106	95	98	95	96

Genetic Trends for On-Farm Traits

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



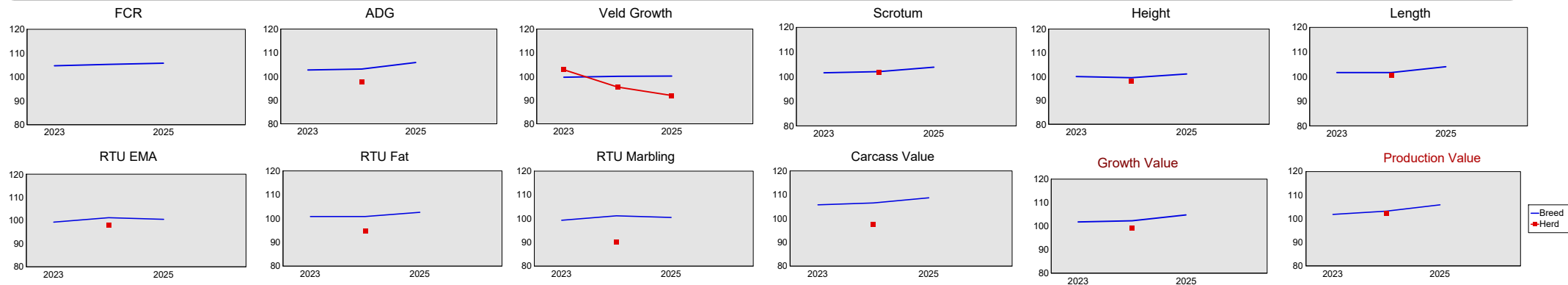
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility					Cow Value	
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity			Ferti- lity
	Number	Dir EBV			Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		
2023	25	0.74	-0.25	102	24	9.3	89	24	4.44	102	7	15.5	1	-18	107						99	
2024	61	0.64	-0.11	102	49	8.0	87	49	4.20	102	31	15.2			103						94	
2025	56	1.02	-0.08	98	46	11.8	94	46	5.78	107	9	18.0			101						98	
2026	29	0.53	-0.20	104																		

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility						Cow Value		
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Mainte-nance	Heifer Fert.		Cow Fert.		Longevity		Ferti-lity			
	Number	Dir EBV			Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV			Number	EBV
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						
2023							5	43	103																						
2024				6	71	98	24	25	96	6	13.8	102	6	-5	98	6	14	101	6	0.49	98	-0.74	95	-0.88	90	98	99	102			
2025							7	16	92																						
2026																															

Breed

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

Sires

Bull			Selection Values										Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny				
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured				
ID Comp.nr																																		Birth	Wean	Grwth Test	Dght & clvs (Weaned)	
ABB 160024 83947879		ABB 090366	116	100	97	127	96	113	112	91	108	93	84	114	103	78	100	97	111	100	91	104	82	101	94	92	98	104	86	83	114	98	82	200	171			
		ABB 130114	96	97	91	91	87	86	95	86	86	90	2	-0.51	-2.0	91	98	93	-10	14.7	2.9	100	25.0	47	46	-8	0.36	9.2	-4.4	-0.2	34.6	-14	-1.5	2.06	-0.30	-1.59	33	28
AG 150215 81642274		TOR 090196	98	92	97	128	89	91	96	80	86	95	92	97	89	77	92	97	103	88	85	92	97	90	117	92	97	87	91	77	99	138	126	81	61			
		GZV 100281	91	93	79	79	56	75	88	52	70	74	13	1.31	-0.1	77	95	83	-12	10.5	2.9	80	14.6	23	15	-32	-0.23	23.2	-4.4	0.0	24.1	-11	-6.6	0.58	6.03	2.13	17	11
AG 160952 84844554		ADV 070154	84	112	87	86	84	83	97	97	83	101	114	84	97	117	112	87	92	107	96	117	102	119	96	102	83	90	91	96	108	93	66	59	44			
		AG 110287	91	91	80	81	60	76	88	52	71	49	42	2.60	-1.2	81	91	80	84	31.3	66	77	-40	1.40	10.4	-10.4	2.5	25.8	-10	9.8	1.46	-1.12	-2.95	7	14	29		
AG 200050 90536483		AG 170004	93	104	90	109	92	94	101	104	94	102	92	89	101	90	104	90	101	110	103	142	105	92	93	84	94	112	109	106	97	96	96	7	5			
		AG 170851	72	74	48	44	36	54	65	26	48	24	13	2.15	-1.7	44	74	48	55	34.0	92	137	-46	-0.13	8.5	-0.2	0.5	38.8	4	19.0	0.43	-0.56	-0.41					
AH 190107 89241061		LAR 140173	100	112	86	111	101	110	113	118	112	105	99	97	103	88	112	86	106	113	117	101	102	75	114	111	83	122	67	86	130	69	108	354	290			
		SYF 150134	94	98	80	68	61	77	90	66	75	92	22	1.34	-2.0	67	99	81	68	98	80	80	82	96	93	39	37	97	21.3	-15.2	2.5	45.0	-29	1.2	3.65	-4.80	0.60	101
AH 210034 91950741		LAR 170467	93	90	89	103	119	90	77	109	92	86	98	97	85	96	90	89	83	98	110	107	112	88	108	109	116	112	70	80	99	83	92	5	5			
		CEW 140094	76	71	61	59	45	59	68	50	57	51	20	1.31	0.5	59	80	66	15	9.7	0.3	33	23.1	116	53	-57	-0.33	17.4	-14.3	-3.5	39.0	-27	-3.7	0.56	-2.69	-0.71		
AJF 150108 81411753		AJF 110168	88	116	117	78	104	114	119	122	117	125	124	89	103	125	116	117	115	127	129	126	112	113	115	131	90	92	134	134	123	86	125	82	61			
		AJF 120043	91	93	77	76	59	75	88	56	71	52	55	2.17	-1.9	73	95	82	59	23.7	9.0	109	48.9	190	99	-57	1.05	21.7	-27.0	1.3	27.2	24	43.9	3.03	-2.09	2.09	22	11
AJF 210304 92559145		AJF 180290	114	114	122	96	119	142	132	96	136	109	105	110	116	101	114	122	131	112	101	102	102	85	122	124	108	108	103	105	107	82	140	63	42			
		AJF 190314	86	90	61	53	43	66	79	46	62	66	30	-0.04	-3.7	38	94	67	24	22.5	10.5	149	35.6	81	40	-39	-0.49	26.0	-22.7	-2.0	37.0	0	17.8	1.34	-2.73	3.32		
BBM 100026 70576285		JRB 010075	114	88	90	119	124	107	89	91	103	90	84	111	107	84	88	90	87	88	90	101	97	144	94	119	130	92	69	71	85	143	101	95	83			
		JRB 030026	94	95	89	88	72	81	93	61	77	82	2	-0.17	-2.5	88	96	91	-1	8.4	0.7	43	14.2	42	39	-32	2.76	9.5	-19.9	-5.8	26.9	-28	-12.2	-0.78	6.91	0.02	32	21
BBM 160058 83740480		BBM 100026	93	103	114	97	109	110	106	111	110	130	98	96	91	100	103	114	115	105	110	92	92	141	98	107	109	104	84	89	111	143	110	116	96			
		BBM 040057	96	96	91	91	89	86	94	90	87	92	21	1.45	-0.3	91	97	93	22	16.6	8.1	109	29.0	116	17	-23	2.57	11.7	-13.2	-2.1	34.3	-16	4.0	1.74	6.91	0.81	31	11
CEF 130317 77370666		CEF 110301	119	120	60	94	118	118	109	149	126	146	102	117	131	107	120	60	81	128	147	104	129	105	131	106	116	109	89	117	125	139	144	1096	923			
		CEF 100161	99	99	99	99	99	91	99	98	92	99	27	-0.76	-5.8	99	99	99	33	25.4	-8.5	28	50.3	258	45	-85	0.60	31.4	-12.5	-3.5	37.3	-12	28.5	3.21	6.14	3.65	294	219
CEF 170545 86170859		CEF 130548	110	120	89	115	107	129	128	135	133	127	89	108	125	86	120	89	119	127	137	102	131	76	93	147	80	101	106	123	126	87	92	360	282			
		CEF 100170	99	99	97	97	96	90	98	96	91	97	9	0.11	-4.9	97	99	98	1	25.4	0.4	118	48.8	220	41	-88	-1.03	8.4	-35.7	3.1	32.7	1	33.9	3.30	-2.02	-0.72	119	60
FDS 200049 90391152		ABB 160024	86	122	101	98	102	116	123	103	114	122	104	85	93	101	122	101	121	116	102	95	97	103	111	84	96	132	110	109	120	130	118	21	19			
		FDS 160116	81	84	60	57	44	63	76	48	60	64	28	2.53	-0.6	57	84	60	67	23	26.8	4.0	124	39.1	87	25	-31	0.49	19.5	0.2	0.2	51.0	5	21.5	2.64	4.83	1.47	
KDT 200001 90188087		KDT 150178	108	94	113	132	80	104	113	84	99	77	75	103	101	72	94	113	126	90	82	96	77	84	61	64	98	100	87	76	79	55	75	47	46			
		KDT 080010	86	90	64	59	48	68	81	44	63	62	-10	0.63	-1.8	59	92	72	-20	11.9	7.6	136	16.2	11	27	1	-0.54	-10.7	11.6	-0.2	32.1	-14	-7.2	-1.46	-7.13	-2.19	4	

Sires

Bull			Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny			
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured		
ID Comp.nr																																		Birth	Wean	
																																			Grwth Test	Dght & clvs (Weaned)
LAR 170339 86116795		LAR 140106	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	
		LAR 080168	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	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	
		LAR 100159	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 170394 86220837		LAR 140064	119	79	78	145	106	93	84	60	84	66	55	115	98	59	79	78	79	72	66	94	71	92	94	102	104	107	63	62	100	76	75	269	245	
		LAR 110195	98	98	94	94	91	88	97	92	89	94	-37	-0.62	-1.4	-38	4.0	-3.0	24	-0.1	-48	20	12	-0.10	9.4	-10.3	-1.2	36.4	-33	-20.3	0.70	-3.75	-2.19	74	41	51
LAR 170467 86221439		LAR 140064	81	111	87	91	92	87	97	124	93	106	115	70	94	109	111	87	94	114	126	99	121	100	81	77	96	113	95	106	136	81	73	219	198	
		LAR 120050	98	98	96	96	94	89	97	94	90	96	44	4.13	-0.8	35	21.0	-0.4	60	37.8	178	34	-71	0.32	1.3	3.9	0.1	39.8	-7	19.0	4.26	-2.97	-2.31	83	43	58
LAR 190192 89165310		LAR 160093	106	94	83	131	88	91	96	86	88	86	74	106	88	74	94	83	93	94	85	99	93	135	70	122	55	113	67	71	80	117	74	90	77	
		LAR 150007	95	95	90	89	88	85	93	89	86	89	-11	0.32	0.1	-16	11.9	-1.6	56	19.3	23	32	-24	2.27	-5.1	-21.4	7.5	39.7	-30	-11.8	-1.34	2.75	-2.27	20	3	3
LAR 200385 91204339		LAR 170358	93	133	70	81	91	105	121	120	108	139	130	93	107	124	133	70	94	137	117	124	98	119	103	88	85	116	96	120	137	114	102	296	232	
		LAR 080256	92	97	76	59	51	73	87	63	71	86	64	1.73	-2.5	58	32.8	-5.5	58	58.4	143	93	-34	1.39	14.4	-2.0	2.1	41.3	-6	31.8	4.40	2.32	0.14	56		
LAR 210400 92886324		LAR 170292	118	100	90	109	104	109	104	100	107	93	92	114	115	90	100	90	97	101	99	98	93	97	100	107	85	129	73	85	120	75	105	131	98	
		LAR 130049	90	95	69	60	47	70	85	52	66	58	12	-0.47	-3.6	7	15.0	0.7	66	26.0	74	31	-25	0.14	12.7	-13.3	2.1	49.4	-25	0.5	2.70	-3.84	0.37	4		
LDW 130218 78489911		NPT 070170	106	78	104	102	123	94	74	92	92	95	88	110	93	96	78	104	85	92	93	119	86	92	98	123	122	94	83	89	72	104	117	65	53	
		LDW 080189	91	92	79	80	64	76	88	60	73	50	8	-0.06	-0.7	15	3.4	4.9	38	17.5	52	83	-14	-0.13	11.6	-22.4	-4.5	28.2	-16	4.1	-2.08	0.71	1.37	30	13	26
LFR 150074 83005132		LAR 090380	90	106	105	101	88	97	106	121	101	110	93	90	122	96	106	105	113	106	121	101	105	117	88	91	79	115	86	94	107	105	106	289	259	
		LFR 120012	96	98	90	90	68	82	95	71	80	88	14	2.02	-4.6	17	18.3	5.4	104	30.0	157	37	-46	1.25	5.9	-4.0	3.2	40.6	-14	8.4	1.40	0.83	0.41	54	36	84
LFR 160001 83565234		JRB 950035	112	94	116	131	86	111	115	91	107	105	66	113	90	72	94	116	129	93	92	96	86	116	116	88	85	100	70	81	98	134	113	400	322	
		LFR 130063	98	99	97	97	94	90	98	94	91	96	-22	-0.40	-0.2	-19	12.0	8.6	143	18.9	50	25	-14	1.20	22.5	-2.3	2.0	31.7	-27	-3.1	0.44	5.37	1.08	88	65	144
LFR 160061 84845585		FCT 120053	95	110	86	104	139	122	104	114	122	122	89	94	121	95	110	86	100	120	115	106	100	102	138	145	121	107	103	115	111	92	99	339	319	
		BEI 070040	99	99	97	97	96	90	98	96	91	97	9	1.58	-4.4	15	20.3	-0.6	73	43.0	135	51	-36	0.46	35.2	-34.9	-4.4	36.0	-1	27.2	1.81	-1.18	-0.17	62	48	99
LFR 160074 84845684		CB 090019	103	91	91	98	86	77	82	120	84	114	100	101	106	101	91	91	83	104	122	111	117	145	147	85	94	96	118	104	106	108	117	114	103	
		LFR 100026	92	95	80	80	60	77	90	60	74	63	24	0.87	-2.4	24	10.0	0.8	32	28.9	161	61	-64	2.80	41.0	-0.6	0.5	29.4	11	17.2	1.31	1.29	1.36	15	14	28
LFR 170124 86254612		LFR 140017	109	104	90	114	105	110	108	97	108	103	83	108	100	86	104	90	103	104	95	105	100	125	79	99	105	101	86	102	141	97	107	20	18	
		LFR 110034	84	86	70	72	52	69	81	64	68	69	1	0.12	-1.6	2	17.3	0.6	81	28.4	61	48	-37	1.71	0.0	-8.7	-1.5	32.2	-14	15.0	4.80	-0.39	0.52	7	5	8
PAD 100242 72629488		CSW 010014	84	108	69	106	80	74	90	91	74	104	94	82	113	94	108	69	84	101	88	108	97	69	73	89	91	82	96	95	125	128	111	166	149	
		EI 020119	96	97	91	90	73	83	95	66	80	90	15	2.81	-3.4	13	19.3	-5.8	34	26.0	34	54	-32	-1.38	-3.3	-2.9	1.0	20.8	-7	8.8	3.18	4.55	0.88	68	28	102

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)	
REV 120071 75393272	AG 040378 REV 080086	102	103	70	122	83	86	97	98	86	94	88	99	114	83	103	70	85	100	97	89	85	86	94	76	96	92	80	85	98	110	88	138	90		
		95	95	87	87	66	80	93	70	78	77	7	1.08	-3.5	66	97	90	-3	16.8	-5.4	38	25.2	70	10	-12	-0.43	9.0	4.6	0.1	27.2	-19	0.4	0.52	1.64	-1.03	22
SBJ 200008 90834342	LFR 160001 LFR 170066	126	102	96	112	94	114	113	103	112	95	85	124	113	87	102	96	106	96	106	70	100	92	116	91	95	104	84	93	115	85	94	60	22		
		87	86	64	61	49	67	79	52	64	76	3	-1.57	-3.4	60	94	72	3	15.9	2.6	88	21.2	101	-36	-36	-0.11	22.3	-4.2	0.3	34.5	-16	7.8	2.22	-2.32	-0.55	9
SBJ 200014 90813692	 LAR 160332  SYF 140133	111	111	100	91	117	123	113	107	121	112	107	110	112	109	111	100	105	116	105	117	92	91	87	128	102	105	90	97	117	102	95	278	210		
		98	98	95	95	95	89	97	96	90	96	33	-0.11	-3.2	95	99	96	33	20.8	3.8	86	39.1	98	76	-23	-0.17	5.1	-25.3	-1.0	35.0	-11	11.2	2.33	0.40	-0.49	60
TMB 190231 88945977	 DAJ 150086  TMB 170208	126	96	118	110	95	119	114	111	118	112	82	130	102	88	96	118	119	99	111	94	110	145	112	114	86	102	95	93	102	143	127	202	170		
		97	97	92	91	91	87	95	90	88	94	0	-2.11	-1.9	91	98	94	4	12.7	9.1	120	24.4	123	22	-53	2.80	20.1	-16.8	1.9	33.3	-7	7.7	0.90	6.91	2.20	26
TMB 210232 92233576	 CEF 170545  TMB 190570	107	120	104	99	95	123	129	118	123	118	104	105	107	99	120	104	122	120	120	103	117	75	87	122	75	107	94	113	117	101	89	13	3		
		91	90	88	88	86	82	90	87	83	88	29	0.48	-2.5	87	92	89	20	25.5	4.8	127	43.2	156	42	-64	-1.05	5.3	-21.6	3.9	35.9	-8	25.2	2.36	0.26	-0.96	
VV 140369 80323439	VV 120139 VV 080301	108	123	83	80	93	109	118	138	116	132	128	108	112	124	123	83	95	130	133	110	139	86	134	121	81	86	104	122	119	103	128	25	19		
		87	86	75	73	60	72	82	64	70	49	61	0.09	-3.1	74	90	79	57	27.3	-1.6	61	51.7	205	61	-100	-0.43	33.3	-20.9	2.8	23.6	0	33.6	2.59	0.49	2.27	14
WAT 150265 82593260	WAT 120140 WAT 100073	105	109	102	102	103	115	113	92	110	96	98	106	100	97	109	102	112	101	95	81	109	99	132	125	86	100	95	99	128	93	69	151	138		
		95	96	90	91	72	82	94	56	77	80	21	0.39	-1.5	83	97	92	17	19.8	4.3	103	25.8	59	-9	-52	0.26	32.0	-23.3	1.9	31.6	-7	12.6	3.48	-1.02	-2.71	39
ZYL 120036 76563527	 CJS 080491  ZYL 070015	129	69	71	130	121	86	64	65	79	59	68	125	117	76	69	71	52	70	65	78	66	119	73	119	124	95	60	51	76	98	78	14	13		
		89	89	87	86	85	81	88	85	82	83	-19	-1.61	-3.8	86	90	87	-13	-1.6	-5.1	-42	-1.9	-52	-16	19	1.37	-3.5	-19.8	-4.9	28.9	-35	-30.1	-1.69	-0.33	-1.89	8
ZYL 170005 85747723	VV 140369 ZYL 120045	105	106	83	97	90	93	98	104	94	100	99	105	105	102	106	83	90	106	106	86	115	81	107	100	87	100	96	102	101	89	106	89	68		
		89	93	67	69	54	72	85	56	69	30	21	0.45	-2.2	68	95	77	25	18.0	-1.5	48	30.0	100	2	-60	-0.74	17.0	-9.0	1.8	32.0	-6	15.4	0.78	-1.75	0.41	22

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass							
Test Code	Sex	Test number	Sire ID	Cow	Wean	End-	Length	Height	Length/ Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth	EMA	Fat	Marbling	Carcass				
Test Station		ID	Dam ID	Value	dir	wt									Value	Eye muscle Area			Value				
201604 D11 M				0671160BON																			
POGGENPOEL MOLOPO				BBM 160058																			
BONSMARAS				 BBM 100026																			
83740480				BBM 040057																			
				110																			
				103																			
				105																			
				30																			
				4																			
				-16																			
				1.19																			
				11.7																			
				86																			
				96																			
				93																			
				92																			
				94																			
				94																			
				74																			
				0.89																			
				110																			
				116																			
				-23																			
				17																			
				86																			
				90																			
				111																			
				111																			
				1.74																			
				6.91																			
				0.81																			
				91																			
				93																			
				91																			
				92																			
				122																			
				116																			
				122																			
				113																			
				38																			
				21																			
				5																			
				1.14																			
				19.5																			
				72																			
				63																			
				67																			
				84																			
				70																			
				90																			
				90																			
				17																			
				80																			
				-4																			
				-27																			
				1.23																			
				17.4																			
				75																			
				100																			
				0.43																			
				116																			
				-57																			
				53																			
				23																			
				50																			
				109																			
				99																			
				0.56																			
				-2.69																			
				-0.71																			
				50																			
				86																			
				51																			
				118																			
				123																			
				120																			
				116																			
				40																			
				25																			
				-8																			
				1.24																			
				5.3																			
				90																			
				87																			
				87																			
				0.65																			
				120																			
				156																			
				-64																			
				42																			
				85																			
				87																			
				118																			
				117																			
				2.36																			
				0.26																			
				-0.96																			
				88																			
				88																			
				88																			
				88																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			
				118																			

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
BBM 160058	83740480	6		BBM 100026	BBM 040057		93	103	114	97	109	110	106	111	110	130	98	96	91	100	103	114	115	105	110	92	92	141	98	107	109	104	84	89	111	143	110
							96	96	91	91	89	86	94	90	87	92	21	1.45	-0.3	22	16.6	8.1	109	29.0	116	17	-23	2.6	11.7	-13.2	-2.1	34.3	-16	4	1.74	6.91	0.81
																	91	97	93	91	96	91	93	94	92	86	86	95	94	88	86	92	94	92	91	93	91
ZYL 170005	85747723	1		VV 140369	ZYL 120045		105	106	83	97	90	93	98	104	94	100	99	105	105	102	106	83	90	106	106	86	115	81	107	100	87	100	96	102	101	89	106
							89	93	67	69	54	72	85	56	69	30	21	0.45	-2.2	25	18.0	-1.5	48	30.0	100	2	-60	-0.7	17.0	-9.0	1.8	32.0	-6	15	0.78	-1.75	0.41
																	68	95	77	69	93	67	76	80	26	27	90	88	55	28	80	87	81	29	30	29	
FDS 200049	90391152	1		ABB 160024	FDS 160116		86	122	101	98	102	116	123	103	114	122	104	85	93	101	122	101	121	116	102	95	97	103	111	84	96	132	110	109	120	130	118
							81	84	60	57	44	63	76	48	60	64	28	2.53	-0.6	23	26.8	4.0	124	39.1	87	25	-31	0.5	19.5	0.2	0.2	51.0	5	21	2.64	4.83	1.47
																	58	87	67	57	84	60	67	80	61	10	30	76	72	46	24	62	70	63	60	67	60
AH 210034	91950741	2		LAR 170467	CEW 140094		93	90	89	103	119	90	77	109	92	86	98	97	85	96	90	89	83	98	110	107	112	88	108	109	116	112	70	80	99	83	92
							76	71	61	59	45	59	68	50	57	51	20	1.31	0.5	15	9.7	0.3	33	23.1	116	53	-57	-0.3	17.4	-14.3	-3.5	39.0	-27	-4	0.56	-2.69	-0.71
																	59	80	66	59	71	61	64	64	65	23	30	78	75	49	28	59	72	66	50	52	50
TMB 210232	92233576	1		CEF 170545	TMB 190570		107	120	104	99	95	123	129	118	123	118	104	105	107	99	120	104	122	120	120	103	117	75	87	122	75	107	94	113	117	101	89
							91	90	88	88	86	82	90	87	83	88	29	0.48	-2.5	20	25.5	4.8	127	43.2	156	42	-64	-1.0	5.3	-21.6	3.9	35.9	-8	25	2.36	0.26	-0.96
																	87	92	89	88	90	88	89	89	88	85	85	90	90	86	85	88	89	88	88	88	88
TM 220018	94264983	5		LAR 170339	AG 110065		82	122	102	82	121	120	118	121	121	126	119	72	102	120	122	102	110	126	118	114	111	111	130	84	131	126	90	116	99	100	112
							91	91	89	89	87	83	90	88	84	88	49	3.89	-1.9	52	26.8	4.2	97	48.2	147	69	-55	0.9	30.9	-0.1	-6.1	47.4	-11	28	0.54	0.05	0.97
																	88	92	90	89	91	89	90	90	88	86	87	89	89	87	86	89	89	88	88	88	88
AH 230077	95488631	3		LAR 170394	AG 150900		115	100	83	110	102	102	99	83	97	92	86	112	110	90	100	83	90	94	85	112	83	101	113	100	100	107	79	83	106	91	89
							72	72	61	59	43	58	68	48	56	65	5	-0.30	-2.9	7	14.8	-1.4	50	19.3	23	65	-9	0.4	20.3	-9.0	-0.6	36.1	-19	-2	1.29	-1.33	-0.97
																	58	75	64	59	72	61	64	66	64	26	26	77	74	48	27	55	71	65	62	68	62
AH 230114	95544938	1		LAR 170358	AH 150035		128	108	69	95	99	104	101	112	106	109	105	125	134	106	108	69	78	113	105	121	84	101	96	105	88	119	52	78	98	103	97
							92	92	89	89	87	83	91	88	84	88	30	-1.63	-6.2	31	19.2	-5.8	21	36.5	96	87	-10	0.4	10.2	-11.8	1.6	43.1	-41	-6	0.50	0.50	-0.33
																	88	93	90	89	92	89	90	90	89	86	86	91	90	87	86	89	90	89	88	89	88
ERC 240023	98108566	2		SBJ 200014	SBJ 220046		90	121	97	94	108	117	120	111	117	116	108	88	103	105	121	97	113	114	109	97	98	121	95	108	101	109	92	105	116	99	83
							68	71	50	46	32	52	63	44	50	66	34	2.28	-2.0	30	26.3	2.7	106	37.5	113	28	-33	1.5	9.8	-13.5	-0.7	37.1	-9	18	2.24	-0.11	-1.53
																	45	74	55	46	50	56	64	63	34	20	77	73	32	18	46	71	64	63	69	63	
ERC 240048	98923485	1		SBJ 200008	SBJ 220018		89	123	88	101	91	107	120	118	110	107	104	87	95	97	123	88	112	108	120	73	110	80	115	92	91	103	98	108	124	90	95
							67	68	47	47	32	51	61	41	49	62	29	2.33	-1.0	18	27.3	-0.1	103	32.5	154	-30	-53	-0.8	21.8	-4.7	1.0	33.5	-5	21	3.09	-1.50	-0.45
																	47	73	55	47	68	47	54	60	58	20	17	75	71	31	20	44	68	60	58	66	59
ERC 240061	98923600			FDS 200049	ERC 200050		78	110	101	84	105	96	99	102	96	113	118	80	92	118	110	101	101	105	102	129	99	102	109	94	97	118	113	112	110	112	109
							61	61	41	41	25	45	55	24	41	32	48	3.03	-0.5	48	20.3	4.1	75	29.3	87	107	-35	0.5	18.3	-5.9	-0.1	42.9	7	24	1.70	1.99	0.74
																	29	67	49	41	61	41	48	62	31	5	15	38	36	23	12	39	35	31	30	33	30
ERC 240064	98923634			FDS 200049	ERC 200046		107	92	105	101	106	99	92	96	98	106	98	107	103	97	92	105	98	89	97	112	93	101	104	97	98	117	106	103	105	112	109
							61	61	41	41	25	45	55	24	41	32	21	0.29	-2.0	18	10.6	5.2	68	15.5	67	66	-26	0.4	15.4	-7.4	-0.1	42.1	2	16	1.16	2.01	0.70
																	29	67	49	41	61	41	48	62	31	5	15	38	36	23	12	39	35	31	30	33	30

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
ERC 240065	FDS 200049						79	104	111	98	105	98	99	97	97	112	101	82	80	100	104	111	112	95	98	79	90	101	105	94	97	118	108	107	110	112	109
98923642	ERC 200102						60	60	37	29	25	42	52	24	38	32	25	2.85	1.1	22	16.8	7.0	103	20.5	72	-16	-20	0.4	15.9	-5.9	-0.1	42.5	4	20	1.64	1.99	0.74
																	29	66	44	29	60	37	42	62	31	5	15	38	36	23	12	39	35	31	30	33	30
ERC 240069	FDS 200049						102	99	113	97	105	107	103	96	104	113	102	102	101	100	99	113	110	90	98	61	87	101	105	94	97	119	108	107	110	112	109
98923683	ERC 180019						60	61	41	43	25	45	55	24	41	32	26	0.82	-1.8	23	14.3	7.8	98	16.1	71	-58	-15	0.4	15.6	-5.6	0.0	43.1	3	20	1.73	1.99	0.75
																	40	66	48	43	61	41	48	62	31	5	15	40	36	23	12	40	35	31	30	33	30
ERC 240071	FDS 200049						89	105	112	89	105	103	102	100	102	111	111	91	95	110	105	112	109	100	101	121	97	102	108	95	97	118	111	110	109	112	109
98923709	ERC 190044						60	60	37	41	25	44	53	24	40	32	38	1.91	-0.9	37	17.6	7.3	94	24.9	82	86	-32	0.4	17.6	-6.2	-0.1	43.0	6	23	1.56	1.99	0.73
																	40	66	48	41	60	37	46	62	31	5	15	38	36	23	12	40	35	31	30	33	30
ERC 250007	BBM 160058						109	97	95	102	106	102	96	102	101	112	95	106	110	97	97	95	95	97	101	97	89	117	96	100	104	109	86	89	103	143	102
98923899	WA 200044						68	70	53	54	37	54	65	33	50	46	17	0.36	-3.0	17	13.4	2.3	61	22.1	84	29	-18	1.2	10.4	-9.3	-1.2	37.2	-14	4	0.98	6.91	0.13
																	51	73	59	54	70	53	59	68	47	18	17	52	51	35	22	53	50	48	45	48	45
ERC 250008	BBM 160058						89	97	118	107	108	105	101	99	104	118	91	91	85	91	97	118	118	87	101	51	83	120	97	106	104	104	93	95	106	143	106
98923907	ERC 200240						61	62	45	49	32	48	57	27	44	42	11	1.92	0.4	8	13.2	9.1	117	13.3	81	-83	-8	1.4	11.0	-12.4	-1.2	34.3	-8	9	1.31	6.91	0.41
																	48	66	52	49	62	45	52	62	43	16	10	46	46	31	19	47	45	43	41	44	41
ERC 250009	BBM 160058						85	97	124	94	110	103	98	105	103	116	102	89	85	103	97	124	115	97	105	119	95	121	102	106	104	108	99	101	105	143	105
98923915	ERC 190040						62	63	48	49	32	49	58	27	45	42	26	2.14	0.5	27	13.3	11.0	111	22.7	99	81	-28	1.5	14.0	-12.7	-1.2	36.8	-4	15	1.15	6.91	0.40
																	48	67	53	49	63	48	53	63	43	16	10	46	46	31	19	47	45	43	41	44	41
ERC 250020	BBM 160058						106	88	113	100	107	99	91	100	99	113	96	106	104	98	88	113	101	84	101	95	89	120	98	108	104	99	93	94	102	143	105
99367096	ERC 200038						63	63	46	49	32	48	58	27	44	42	19	0.40	-2.1	19	8.6	7.6	76	11.2	81	23	-18	1.4	11.4	-13.7	-1.2	31.0	-9	8	0.88	6.91	0.38
																	48	68	54	49	63	46	53	45	43	16	10	46	46	31	19	46	45	43	41	44	41
ERC 250025	BBM 160058						102	87	114	94	108	95	86	101	95	112	104	104	100	105	87	114	97	85	101	94	89	120	98	108	104	102	93	94	101	143	105
6020677552	ERC 190025						62	47	40	39	32	41	47	27	38	42	29	0.53	-1.6	29	8.1	7.9	67	11.2	83	22	-18	1.4	11.6	-13.5	-1.2	33.1	-8	9	0.81	6.91	0.38
																	48	67	49	39	47	40	42	45	43	16	10	46	46	31	19	45	45	43	41	44	41
ERC 250038	BBM 160058						88	108	113	87	106	107	107	112	108	124	111	90	97	113	108	113	111	108	111	101	97	120	102	105	104	104	97	102	108	143	106
99367211	ZYL 180032						69	71	55	54	39	55	66	33	51	45	38	2.05	-1.1	41	19.4	7.8	101	32.2	119	38	-32	1.4	14.0	-11.7	-1.2	34.3	-5	16	1.52	6.91	0.43
																	54	74	60	54	71	55	60	56	50	18	14	55	54	40	24	52	53	50	44	46	44
ERC 250039	AH 210034						102	83	101	105	112	90	78	100	90	92	93	103	96	93	83	101	88	82	102	101	100	94	103	108	108	103	88	91	97	89	96
99367229	ERC 200429						59	58	38	42	25	43	52	25	39	26	14	0.69	-1.0	11	5.9	4.0	45	9.3	85	38	-36	0.0	14.8	-13.7	-1.9	33.5	-13	6	0.42	-1.76	-0.36
																	40	65	48	42	58	38	46	32	32	12	15	39	37	24	14	36	36	33	25	26	25
ERC 250047	BBM 160058						92	102	104	110	94	99	104	102	99	118	90	93	87	88	102	104	112	100	103	88	93	108	99	96	94	102	95	96	115	143	110
99367278	LFR 180169						70	71	55	55	40	56	66	36	52	52	10	1.68	0.2	5	15.9	4.9	103	25.3	92	8	-26	0.7	12.4	-6.9	0.6	32.9	-7	10	2.22	6.91	0.80
																	55	74	61	55	71	55	60	56	53	23	18	58	57	40	26	54	57	54	50	54	51
ERC 250055	FDS 200049						98	97	108	102	105	101	98	95	99	106	96	98	96	96	97	108	107	90	95	98	90	101	103	97	98	115	105	101	105	112	109
99778102	ERC 200001						60	61	41	41	24	44	55	24	40	32	18	1.23	-1.1	16	13.2	6.2	89	16.4	62	30	-21	0.4	14.6	-7.4	-0.1	40.8	1	15	1.16	2.01	0.70
																	40	66	48	41	61	41	48	40	31	5	15	38	36	23	12	37	35	31	30	33	30

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
ERC 250056	99778110		FDS 200049		75	114	114	83	104	104	109	100	103	114	115	70	84	118	114	114	114	104	101	93	93	102	108	94	97	116	112	111	111	112	110
			ERC 200015		60	61	41	41	24	44	55	24	40	32	43	4.14	0.6	48	22.5	7.9	107	28.7	82	18	-26	0.4	17.4	-5.4	0.0	41.5	6	23	1.79	1.99	0.75
															40	66	48	41	61	41	48	42	31	5	15	38	36	23	12	37	35	31	30	33	30
ERC 250062	99778177	1	BBM 160058		77	124	115	87	105	119	124	109	118	124	111	76	88	112	124	115	127	118	108	90	94	129	106	99	107	104	97	101	108	143	107
			LFR 190033		70	71	55	54	40	55	66	36	51	50	38	3.46	0.0	40	27.6	8.4	137	40.7	111	11	-26	1.9	16.6	-8.3	-1.7	34.4	-6	15	1.53	6.91	0.50
															54	74	61	54	71	55	60	58	51	24	19	56	55	42	26	53	54	52	49	51	49
LFR 250084	99220626	1	LAR 200385		89	128	86	82	104	112	120	118	114	131	121	88	105	122	128	86	102	127	117	108	102	121	107	99	95	115	100	118	130	111	103
			LFR 200019		69	71	54	48	36	54	65	39	51	50	51	2.27	-2.3	54	29.9	-0.7	78	48.8	143	56	-40	1.5	17.1	-8.7	0.3	41.1	-3	29	3.69	1.74	0.21
															45	74	57	48	71	54	58	58	52	29	24	56	55	38	22	47	55	53	49	52	49
LFR 250101	99220634	1	LAR 200385		85	134	86	78	98	113	127	120	115	133	129	85	104	127	134	86	105	136	119	113	103	110	112	95	93	111	109	126	132	101	99
			LFR 200097		68	70	53	48	36	53	64	38	50	50	63	2.51	-2.1	62	33.1	-0.5	85	57.0	149	66	-42	0.9	19.8	-6.1	0.6	38.6	4	37	3.85	0.25	-0.13
															44	73	56	48	70	53	57	57	52	31	23	55	55	38	22	47	54	52	49	51	49
ERC 260002	99984387		TMB 210232		125	88	103	102	100	102	94	104	101	106	98	124	115	95	88	103	94	86	106	100	102	87	93	115	87	100	98	106	104	98	95
			ERC 200296		59	39	36	29	24	35	40	27	33	32	21	-1.55	-3.6	15	8.5	4.8	59	12.9	102	35	-40	-0.4	8.3	-17.7	1.7	31.6	-4	19	1.13	-0.28	-0.50
															29	65	43	29	39	36	35	34	32	11	20	38	36	25	14	33	35	32	31	34	31
ERC 260006	6020212822		TMB 210232		131	86	98	101	101	99	89	102	99	104	98	129	121	97	86	98	86	84	105	95	101	87	92	115	87	102	97	105	103	98	95
			ERC 210012		60	41	40	42	24	38	44	27	36	32	21	-2.00	-4.4	18	7.2	3.2	40	10.4	98	24	-38	-0.4	7.8	-17.9	1.7	33.2	-5	18	0.98	-0.27	-0.52
															40	66	49	42	41	40	41	38	32	11	20	38	36	25	14	33	35	32	31	34	31
ERC 260008	6020212848		BBM 160058		124	92	93	102	101	100	93	100	99	109	93	122	116	96	92	93	88	92	100	81	92	118	94	104	100	103	85	87	102	143	101
			ZYL 190052		69	59	49	52	37	50	58	32	46	43	13	-1.34	-3.7	17	10.5	1.6	44	17.9	78	-10	-24	1.3	9.4	-11.1	-0.5	33.8	-15	2	0.90	6.91	0.07
															51	74	59	52	59	49	53	56	48	18	13	53	52	38	22	50	51	49	42	44	42
ERC 260010	6020212863		TMB 210232		84	104	109	102	100	100	103	103	100	105	98	87	82	95	104	109	114	100	106	100	102	87	92	115	87	101	98	106	104	98	95
			ERC 200011		60	39	36	29	24	35	40	27	33	32	20	2.32	0.9	15	17.1	6.4	108	24.7	102	36	-40	-0.4	8.3	-17.8	1.7	32.3	-4	19	1.08	-0.28	-0.51
															29	66	44	29	39	36	35	36	32	11	20	38	36	25	14	33	35	32	31	34	31
ERC 260012	6020212871		AG 200050		93	89	90	114	99	81	80			93	87	92	89	87	89	90	87	88	95	122	95	95	93	98	97	102	103	99	91	95	98
			ERC 200002		58	39	31	22	19	33	38			12	6	1.78	-0.1	2	8.8	0.6	41	14.5	62	88	-28	0.1	8.8	-7.9	0.0	32.8	-1	12	-0.21	-0.67	-0.26
															22	65	39	22	39	31	31	33	17	10	9	19	18	16	11	31	18	17	11	12	11
ERC 260015	6020212897		TMB 210232		86	104	113	100	100	102	104	104	102	107	100	89	84	98	104	113	116	100	107	94	101	87	93	115	87	101	99	107	106	98	95
			ERC 200102		60	39	36	29	24	35	40	27	33	32	23	2.14	0.5	18	17.0	7.6	112	24.6	104	21	-39	-0.4	8.5	-17.4	1.8	32.5	-4	20	1.25	-0.28	-0.50
															29	66	44	29	39	36	35	36	32	11	20	38	36	25	14	33	35	32	31	34	31
ERC 260020	6020212947	1	BBM 160058		90	104	105	100	103	102	102	102	102	109	93	93	86	98	104	105	109	103	104	90	98	116	106	111	98	101	89	92	108	143	99
			LFR 200084		69	60	52	54	39	51	59	33	47	48	14	1.68	0.3	19	17.0	5.3	96	27.6	93	12	-33	1.2	16.5	-15.1	-0.3	32.4	-12	6	1.50	6.91	-0.15
															53	74	60	54	60	52	55	55	50	29	14	54	54	42	25	51	53	51	47	50	47
ERC 260024	6020425424		BBM 160058		102	87	110	106	107	97	89	100	96	110	90	103	95	91	87	110	101	84	100	95	88	120	97	108	104	99	92	93	100	143	105
			ERC 200072		63	49	45	49	31	44	50	27	41	42	10	0.69	-1.0	9	8.2	6.6	76	10.8	79	25	-18	1.4	11.1	-13.9	-1.2	31.0	-9	7	0.64	6.91	0.36
															48	68	54	49	49	45	48	46	43	16	10	46	46	31	19	44	45	43	41	44	41

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																															
ERC 260025 6020425432		TMB 210232 ERC 200032		106	95	106	102	100	100	97	103	100	104	98	107	99	96	95	106	103	93	105	100	102	87	92	116	87	100	98	105	104	98	95
				59	39	36	29	24	35	40	27	33	32	21	0.24	-1.5	16	12.4	5.5	80	18.5	100	37	-39	-0.4	8.0	-18.0	1.7	31.6	-5	18	1.04	-0.27	-0.51
				29	65	43	29	39	36	35	34	32	11	20	38	36	25	14	33	35	32	31	34	31										
ERC 260028 6020425465		BBM 160058 ZYL 160016		107	90	94	107	104	94	87	92	92	99	87	107	101	92	90	94	90	91	91	90	83	124	86	106	103	103	80	77	96	143	95
				70	59	53	53	36	51	59	32	47	43	6	0.24	-1.7	10	9.8	1.8	48	16.7	46	12	-9	1.7	4.4	-12.2	-1.1	33.5	-19	-7	0.31	6.91	-0.49
				54	74	60	53	59	53	55	52	47	18	13	53	52	36	23	50	51	48	42	44	42										
ERC 260029 6020425473		BBM 160058 SBJ 220046		78	111	109	99	106	107	110	110	108	117	101	76	83	99	111	109	119	110	110	94	101	132	99	101	105	109	91	98	110	143	95
				69	60	52	53	37	51	59	36	48	52	25	3.51	0.7	21	21.1	6.6	120	34.0	117	21	-38	2.1	12.1	-9.6	-1.4	37.3	-11	11	1.68	6.91	-0.50
				52	74	59	53	60	52	55	58	51	20	18	56	55	38	23	49	55	52	50	53	50										
ERC 260031 6020425499		BBM 160058 ZYL 200026		72	123	112	90	91	107	120	106	106	119	108	63	68	110	123	112	125	117	107	87	99	108	110	91	93	103	91	97	107	143	100
				69	59	50	52	37	50	58	32	46	44	34	4.89	2.7	36	27.0	7.5	134	40.0	104	5	-35	0.7	18.5	-3.8	0.7	33.9	-10	11	1.39	6.91	-0.05
				51	74	59	52	50	54	55	50	18	13	55	54	38	22	50	53	50	43	46	43											

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
ZYL 160016 85742054	3	ZYL 120036 ZYL 130011		126 78	76 69	73 68	121 73	100 38	79 60	70 71	73 30	74 54	68 15	76 -8 73	123 -1.40 79	116 -3.7 75	84 -2 73	76 2.0 69	73 -4.6 68	59 -26 70	75 3.1 54	73 -25 42	88 6 18	74 6 15	108 0.8 50	74 -2.9 48	104 -11.3 33	98 -0.2 24	101 32.6 58	77 -22 47	65 -18 42	82 -1.12 15	101 0.22 15	80 -1.79 15	
ERC 170006 96744305				109 40	72 26	110 39	95 59							103 28 55	109 0.04 39	107 -2.5 47	103 27 59	72 0.1 26	110 6.8 39	81 28 41	63 -7.8 14							89 25.1 7							
ZYL 170017 85747608	1	VV 140369 ZYL 120011		85 78	104 74	70 76	98 73	104 46	81 64	82 75	104 39	84 59	100 28	99 22 74	90 1.97 79	80 1.1 75	102 25 73	104 17.3 74	70 -5.6 76	77 19 74	110 33.6 67	103 90 49	103 42 24	108 -50 26	102 0.4 56	99 12.0 54	124 -22.5 47	95 0.4 28	92 27.2 62	91 -10 53	94 8 49	99 0.62 27	95 -0.72 28	114 1.11 27	
ERC 180019 96744347				107 38	75 34	131 52	98 63							98 21 55	107 0.26 37	102 -1.9 48	98 19 63	75 1.3 34	131 13.3 52	104 83 50	68 -3.8 34						98 30.5 34								
ERC 180021 96744487				91 38	84 34	137 52	93 63							115 44 62	94 1.59 37	91 -0.4 48	104 27 63	84 6.4 34	137 14.9 52	114 107 50	75 2.6 24						99 31.2 34								
ERC 180035 96744354				128 46	67 22	101 40	106 59								123 -1.40 45	124 -4.8 52	92 10 59	67 -2.9 22	101 3.9 40	73 7 40							89 25.3 35								
ERC 180040 96744495				97 40	79 36	127 52	103 63							92 13 55	100 1.02 39	90 -0.3 48	94 13 63	79 3.9 36	127 12.1 52	108 92 50	72 -0.2 26						94 28.3 34								
ERC 180042 96744503				108 38	70 34	101 53	109 63							87 6 62	109 0.02 37	96 -1.1 48	90 7 63	70 -0.9 34	101 4.0 53	77 18 50						91 26.4 34									
ERC 180066 96744511				101 48	73 43	99 60	103 65							92 13 62	104 0.56 47	91 -0.3 54	95 15 65	73 0.2 43	99 3.3 60	75 13 56	65 -6.3 36						94 28.5 35								
ERC 180070 96744313				86 35	72 22	93 40	102 59							91 11 55	96 1.43 33	71 2.3 45	96 17 59	72 0.1 22	93 1.7 40	70 0 40						89 25.3 34									
LFR 180169 87669479		PAD 100242 JDB 040061		94 80	96 71	95 75	133 77	78 50	88 64	101 74	91 48	86 61	103 60	77 -7 78	94 1.64 81	80 1.2 78	72 -19 77	96 12.8 71	95 2.1 75	109 95 74	93 18.8 64	95 60 63	87 4 33	94 -27 30	74 -1.1 71	99 12.0 69	86 -1.3 49	79 3.2 35	97 30.1 67	103 0 68	99 13 64	118 2.44 58	119 3.00 62	110 0.78 58	
ZYL 180032 87144572	1	LDW 130218 ZYL 140031		85 76	103 74	116 73	84 73	103 46	99 63	100 74	108 36	100 58	108 28	115 44 73	86 2.40 78	98 -1.3 74	117 47 73	103 16.6 74	116 8.7 73	107 90 73	105 29.5 66	107 106 52	114 69 19	100 -37 18	98 0.2 59	102 14.0 58	105 -11.9 49	100 -0.5 27	102 33.2 62	104 0 57	108 20 52	98 0.50 28	108 1.27 29	101 -0.01 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 -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ERC 190017 97328793				71 35										82 2.84 33												86 23.6 33								
ERC 190025 6020672843				106 30										110 106 37 0.31 55 29												96 29.4 27								
ERC 190027 97328801				70 83 121 102 38 34 52 63										97 81 53 20 3.01 4.7 62 37 48			95 83 121 105 15 6.1 10.2 86 63 34 52 50									94 28.3 33								
ERC 190040 97328819				90 83 130 105 40 36 51 59										90 94 80 11 1.57 1.1 55 39 47			92 83 130 115 10 5.8 13.0 110 59 36 51 49				77 4.1 36					99 31.1 28								
ERC 190044 96744321				92 81 124 91 41 26 40 59										105 96 91 30 1.42 -0.4 55 40 48			108 81 124 99 33 5.0 11.0 70 59 26 40 42				74 2.1 28					97 30.3 33								
LFR 190033 88577739		1	LFR 160001 LFR 100020	80 108 124 97 104 111 113 96 108 101 79 75 74 75 52 65 75 46 61 53										99 83 82 22 2.74 0.9 73 80 76			100 108 124 128 22 19.3 11.2 142 75 75 74 75				106 96 99 90 115 30.7 62 33 -20 1.2 73 57 37 32 61					105 98 106 102 15.6 -7.7 -1.5 32.9 60 57 35 64				94 92 -8 7 60 58		92 101 102 -0.15 0.26 0.08 51 55 51		
ZYL 190005 88785399		1	AJF 150108 ZYL 070028	89 97 123 95 89 94 100 107 95 113 73 74 71 73 44 62 73 38 57 28										104 92 89 29 1.79 -0.1 70 76 71			103 97 123 115 26 13.3 10.9 110 73 74 71 73				107 112 108 105 88 31.2 124 54 -46 -0.3 57 54 18 18 63					109 117 76 92 18.0 -18.7 3.7 27.1 61 47 25 61				123 120 15 31 60 55		109 100 112 1.55 0.03 0.99 27 28 27		
ZYL 190052 89865554		4	ZYL 170005 ZYL 160016	125 93 74 107 94 90 87 89 88 87 76 69 57 68 39 57 68 32 52 16										87 122 128 6 -1.32 -5.4 65 78 71			93 93 74 74 11 11.1 -4.2 10 68 69 57 65				89 89 70 93 95 15.3 39 -37 -25 0.0 68 45 16 15 51					90 100 91 102 7.1 -9.0 1.0 33.3 50 41 20 57				87 85 -13 0 49 46		94 95 93 0.06 -0.78 -0.67 16 17 16		
ERC 200001 96747803				106 75 115 103 38 34 52 59										93 107 100 14 0.26 -1.6 55 37 47			95 75 115 92 14 1.4 8.4 54 59 34 52 48									94 28.2 29								
ERC 200002 96744040				104 68 88 38 22 40										108 0.17 37			68 88 -2.4 0.1 22 40									92 26.8 29								
ERC 200003 97360473				117 69 103 131 38 27 41 63										76 115 100 -8 -0.61 -1.6 59 37 48			74 69 103 85 -17 -1.5 4.5 38 63 27 41 44									93 27.8 29								
ERC 200004 96744057				125 65 94 110 38 27 41 59										84 121 117 2 -1.27 -3.9 55 37 47			89 65 94 66 6 -3.7 1.8 -10 59 27 41 42									88 24.7 29								

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 Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
ERC 200009 96744073				97 38	77 35	116 44								91 11 55	101 0.91 38			77 2.4 35	116 8.5 44								92 27.3 29							
ERC 200011 96747811				83 41	78 26	112 40									91 1.88 40			78 3.2 26	112 7.4 40			71 -0.8 28						95 28.6 29						
ERC 200012 97364244				117 38	73 33	115 51	97 59							98 21 46	114 -0.49 37	116 -3.8 46	100 23 59	73 0.4 33	115 8.4 51	87 43 48							95 28.8 30							
ERC 200013 96744081				93 41	78 37	114 53	94 59							101 24 55	98 1.20 40	89 -0.1 48	104 28 59	78 3.0 37	114 8.1 53	89 47 50	71 -1.2 28						94 28.4 29							
ERC 200014 96744099				102 38	75 27	113 41	89 59							109 35 55	104 0.58 37	101 -1.8 47	110 37 59	75 1.6 27	113 7.7 41	83 33 42							88 24.9 29							
ERC 200015 96744107				76 41	84 36	127 52	78 59							115 44 55	85 2.58 40	83 0.7 48	124 57 59	84 6.5 36	127 12.0 52	96 64 49	77 4.3 26						96 29.5 29							
ERC 200022 97360465				116 38	65 22	88 39									116 -0.72 37			65 -3.7 22	88 -0.1 39								92 26.8 29							
ERC 200032 96744131				98 38	74 22	109 40									102 0.80 37			74 1.3 22	109 6.4 40								92 27.3 29							
ERC 200038 96744610				122 38	71 27	112 41	104 59							93 14 55	117 -0.84 37	119 -4.1 47	93 12 59	71 -0.6 27	112 7.2 41	86 39 42							88 24.7 29							
ERC 200046 96744529				116 48	71 36	107 52	104 59								115 -0.54 47	111 -3.0 52		93 12 59	71 -0.4 36	107 5.7 52	82 29 49	65 -6.4 28					94 28.3 30							
ERC 200050 96744552				97 46	74 34	101 52	91 59								102 0.79 45	93 -0.6 52		109 35 59	74 1.1 34	101 4.1 52	74 10 48	69 -2.4 28					97 30.0 30							
ERC 200056 96744388				104 38	78 27	125 41	118 59							91 11 55	104 0.52 37	94 -0.7 47	84 -2 59	78 3.1 27	125 11.3 41	110 99 42							88 24.5 29							

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																															
ERC 200066 96744560				103 48	72 36	99 52	106 59							89 9 55	106 0.40 47	91 -0.4 52	92 11 59	72 -0.1 36	99 3.3 52	76 15 49	65 -6.3 26						95 28.9 29							
ERC 200072 96744396				115 40	70 26	104 39	121 59							82 -1 55	114 -0.47 39	104 -2.1 47	82 -4 59	70 -1.2 26	104 5.0 39	83 33 41	62 -8.6 13						93 27.7 28							
ERC 200073 96744578				118 30									92 22	116 -0.73 29								58 -12.8 12	91 44 19			93 -0.1 29	101 13.4 27	88 24.6 30	108 3 25	104 18 20	86 -0.68 20	93 -1.05 24	97 -0.31 20	
ERC 200075 96744586				104 41	76 36	124 52	109 59							91 12 55	105 0.45 40	95 -0.9 48	89 5 59	76 2.0 36	124 11.1 52	105 84 49	68 -3.3 28						95 29.0 29							
ERC 200102 96744404				82 41	80 26	120 40								90 2.05 40				80 4.3 26	120 9.9 40		73 0.7 28						95 29.1 29							
ERC 200110 96747845				113 41	72 26	111 39								112 -0.30 40				72 -0.2 26	111 7.0 39		65 -6.5 28						95 28.6 29							
ERC 200111 97360481				128 35	68 22	111 40								127 -1.82 33				68 -2.1 22	111 7.0 40								89 24.9 29							
ERC 200116 96744420				72 38	87 26	136 40	88 59							104 28 55	81 2.91 37	73 2.1 47	110 37 59	87 8.1 26	136 14.9 40	113 104 42						89 25.5 29								
ERC 200118 96744438				90 41	75 36	104 52	103 59							92 13 55	97 1.32 40	76 1.6 48	95 14 59	75 1.4 36	104 4.8 52	82 29 49	68 -3.1 28						96 29.5 29							
ERC 200305 96744198				104 41	72 36	101 52	128 59							79 -5 55	106 0.31 40	83 0.7 48	77 -12 59	72 0.0 36	101 4.0 52	85 37 49	65 -6.1 28						96 29.5 29							
ERC 200307 96744206				118 38	70 27	107 41	107 59							91 11 55	116 -0.66 37	112 -3.3 47	91 8 59	70 -0.9 27	107 5.9 41	82 31 42						89 25.1 29								
ERC 200429 96744230				115 38	72 27	113 41	109 59							88 7 55	113 -0.38 37	109 -2.7 47	89 6 59	72 0.2 27	113 7.7 41	91 51 42						90 25.7 29								

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass				
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling		
ERC 200449 96744255				93 30	79 26	126 40									96 1.41 29			79 3.9 26	126 11.7 40			68 -3.4 28					94 28.4 29									
ERC 200452 96744263				97 44	80 40	127 55	120 59							84 1 55	99 1.08 43	82 0.8 49		82 -4 59	80 4.2 40	127 12.0 55	116 112 51						96 29.3 30									
ERC 200501 96744297				128 42	69 31	115 52	129 59								127 -1.87 40	136 -6.4 50		75 -15 59	69 -1.6 31	115 8.3 52	97 66 47						91 26.3 30									
LFR 200011 90404237	5	LFR 170124 LFR 160066		106 75	98 71	89 62	123 69	111 44	108 60	101 70	96 40	105 56	94 44	76 -9 66	105 0.50 77	99 -1.4 70		82 -5 69	98 13.6 71	89 0.4 62	98 69 67		96 21.7 64	97 68 48	106 50 26	101 -39 30	116 1.2 55	89 6.5 54	108 -13.6 49	114 -3.1 27	95 28.5 56	90 -11 52	96 10 48	112 1.92 42	92 -1.22 46	106 0.46 42
LFR 200019 90404294	7	LFR 150074 LFR 140061		90 78	103 76	109 77	98 76	119 49	110 66	102 76	108 45	110 62	108 52	92 12 76	89 2.11 79	96 -1.0 76		100 22 76	103 16.3 63	109 6.3 97	110 97 76		103 27.7 68	109 114 54	101 39 44	102 -40 33	121 1.5 60	105 15.9 59	116 -18.5 55	106 -1.6 32	115 40.9 61	93 -9 58	101 14 55	110 1.66 51	107 1.21 54	103 0.18 51
LFR 200048 90404526		LFR 160074 JRB 050159		105 76	87 75	104 72	112 74	107 45	97 63	89 74	96 38	95 58	98 35	86 5 72	107 0.29 78	93 -0.7 73		87 3 74	87 7.9 75	104 5.1 72	98 69 74		95 20.7 68	101 83 51	104 46 19	100 -36 22	130 2.0 60	126 28.5 58	96 -6.9 50	116 -3.3 26	98 30.7 60	106 1 56	91 6 51	94 0.06 33	112 1.92 37	108 0.61 33
LFR 200084 91362640	2	WAT 150265 LFR 140021		97 75	100 72	95 66	103 74	98 50	94 62	95 72	94 36	93 57	89 46	88 7 72	101 0.90 77	87 0.2 73		95 15 74	100 14.9 72	95 2.3 66	98 69 71		98 23.0 64	97 69 52	88 7 49	105 -44 19	91 -0.2 56	114 21.3 57	114 -17.0 56	88 1.6 32	98 30.6 61	95 -7 56	94 8 53	106 1.26 45	96 -0.59 48	88 -1.10 45
LFR 200097 91363523	1	LFR 160061 LFR 160096		91 76	109 75	109 73	90 75	108 48	110 64	108 75	111 43	111 60	113 52	108 34 75	93 1.70 78	96 -1.1 74		110 36 75	109 19.8 75	109 6.5 73	111 99 74		118 40.8 66	111 122 53	111 62 49	104 -43 31	99 0.3 57	113 20.5 57	108 -13.5 55	103 -1.0 30	107 35.8 60	110 4 56	115 27 54	113 2.02 50	88 -1.77 53	95 -0.50 50
WA 200044 90433368		REV 120071 WA 150414		112 72	88 70	77 68	128 73	98 38	89 59	85 70	91 34	87 54	92 38	76 -9 64	113 -0.39 74	133 -6.0 70		78 -11 73	88 8.5 70	77 -3.4 68	78 20 70		81 8.0 66	92 49 41	88 8 18	83 -8 26	92 -0.1 45	93 8.7 44	94 -5.5 32	99 -0.3 22	101 32.6 59	88 -13 44	87 2 41	93 0.03 37	102 0.42 40	94 -0.55 37
ZYL 200026 90442781	1	ZYL 170005 ZYL 130002		68 74	123 69	106 59	83 68	74 40	90 58	113 68	100 35	90 53	107 26	117 46 66	71 4.03 76	67 2.9 69		119 50 68	123 27.1 69	106 5.6 59	115 109 65		114 37.7 63	104 93 51	82 -7 16	107 -48 15	75 -1.1 60	121 25.3 58	74 5.6 43	77 3.5 19	103 33.5 57	98 -5 57	105 18 52	104 1.04 24	94 -0.91 28	90 -0.91 25
ZYL 200027 90442799	2	ZYL 170005 ZYL 090005		110 75	90 73	70 66	128 71	82 43	78 61	85 72	88 35	77 56	86 18	72 -14 70	107 0.25 77	103 -2.0 71		79 -10 71	90 9.8 73	70 -5.4 66	73 9 70		89 14.8 67	89 39 49	83 -5 18	97 -32 17	85 -0.5 57	98 11.4 55	95 -6.3 46	77 3.4 23	98 30.7 59	91 -10 54	87 2 50	89 -0.39 17	99 -0.07 18	97 -0.32 17
ZYL 200049 91508929	1	AJF 150108 ZYL 180034		94 73	109 69	120 65	86 71	117 42	121 59	113 69	111 34	120 54	117 30	114 42 65	97 1.34 75	98 -1.3 70		113 42 71	109 19.9 69	120 9.8 65	117 114 68		114 37.2 60	116 140 48	108 55 13	102 -41 17	112 1.0 54	105 15.9 53	130 -26.4 43	104 -1.3 25	101 32.4 58	120 13 52	122 33 49	111 1.80 29	95 -0.71 30	112 0.98 29

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		
ZYL 200057 91509281	4	ZYL 170005 ZYL 090030			103 75	98 71	90 65	112 71	95 42	95 60	98 70	94 35	93 55	94 18	84 3	98 1.14	107 -2.5	66 77	71	87 4	98 14.1	90 0.6	96 64	92 17.5	100 79	78 -17	107 -49	94 0.0	15.0 15.0	-11.6 -11.6	1.5 1.5	32.7 32.7	105 1	102 16	96 0.32	97 -0.43	96 -0.42
AH 210016 91950550	5	AG 160952 SYF 130222			110 72	101 71	72 58	103 56	90 43	86 57	90 67	89 35	84 53	80 40	92 13	108 0.14	107 -2.5	55 75	64	97 17	101 15.3	72 -4.8	78 21	96 21.7	91 44	111 63	94 -26	78 -0.9	79 0.3	103 -11.0	91 1.1	89 25.1	81 -18	80 -4	105 1.17	74 -4.00	74 -2.24
ERC 210012 96744446					123 46	67 34	96 52	103 59							92 13	120 -1.10	119 -4.1	55 45	52	95 15	67 -2.9	96 2.6	67 -6	58 -12.1					98 30.5								
ERC 210096 96744479					106 41	74 26	110 40	97 59							97 20	107 0.24	103 -1.9	55 40	48	101 23	74 1.3	110 6.9	85 36	67 -4.1					96 29.7								
TMB 210061 91606608	1	CEF 130317 TMB 120057			106 77	110 70	75 74	103 75	123 54	113 64	103 72	124 52	116 62	115 56	92 13	101 0.83	111 -3.0	76 78	75	96 16	110 20.2	75 -3.8	90 49	115 38.3	128 184	103 43	121 -72	92 -0.1	118 23.8	122 -21.4	117 -3.5	105 35.1	95 -7	109 21	101 0.79	106 0.94	114 1.12
AH 220162 94939881	2	AH 190107 AH 140111			93 72	108 71	90 58	94 51	87 43	90 56	100 66	115 38	94 52	101 50	106 32	93 1.76	100 -1.6	50 75	62	106 30	108 19.3	90 0.7	96 64	113 36.2	114 131	136 123	113 -58	86 -0.4	112 19.9	93 -4.8	82 2.7	112 39.2	89 -12	94 8	115 2.19	83 -2.63	123 1.88
ERC 220068 96744602					104 30	74 27	110 41	122 59							79 -4	106 0.39	88 0.1	55 29	40	81 -6	74 1.0	110 6.9	94 59					97 29.9									
ERC 220094 97328827					109 30	69 27	96 41	121 59							79 -5	110 -0.09	92 -0.5	55 29	40	83 -3	69 -1.6	96 2.6	75 12					98 30.5									
SBJ 220018 93727865	1	AG 150215 SBJ 190052			80 73	122 73	82 67	94 72	92 40	96 60	108 72	116 39	100 56	112 52	122 53	83 2.77	86 0.3	71 76	70	107 32	122 26.7	82 -1.8	101 77	116 39.0	121 157	83 -6	114 -60	78 -0.9	114 21.0	99 -8.5	88 1.5	103 33.4	101 -2	108 21	124 3.11	107 1.19	107 0.51
SBJ 220046 93728012	1	LAR 170467 LFR 150017			79 75	110 72	102 65	100 71	103 41	101 60	105 71	109 44	102 57	105 58	105 30	78 3.29	87 0.2	69 77	71	98 19	110 20.1	102 4.4	112 102	108 31.9	110 117	95 24	110 -53	123 1.6	100 12.5	95 -6.0	101 -0.7	114 40.3	97 -5	106 19	109 1.62	94 -0.84	79 -1.80
ERC 230014 6020672926		ERC 200002			104 19	75 11	93 20								106 0.30				75 1.4	93 1.7								72 15.2									
ERC 230017 6020672975		ERC 200118			97 20	78 18	101 26	106 30							92 12	101 0.88	85 0.5	27 20	24	92 10	78 3.3	101 4.0	84 35	74 1.7				75 16.6									

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 Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ERC 230025 6020672967		ERC 200056		104 19	80 13	112 20	113 30							91 11 27	105 0.48 18	94 -0.7 23	86 2 30	80 4.1 13	112 7.3 20	98 69 21								71 14.1 15						
ERC 230026 6020672868		ERC 200072		110 20	76 13	101 20	114 30							86 5 27	110 -0.02 20	98 -1.4 24	86 1 30	76 2.0 13	101 4.2 20	85 37 21	71 -1.0 6							73 15.7 14						
ERC 230033 6020672876		ERC 200296		109 19	76 11	103 20								109 0.05 18				76 2.3 11	103 4.5 20									73 15.5 14						
ERC 230034 6020672983		ERC 210061		96 18	82 11	114 20	107 30						87 11	91 11 27	99 1.11 17	86 0.3 23	90 8 30	82 5.1 11	114 8.1 20	100 74 20	75 2.7 6	85 21 10			94 0.0 15	90 7.0 13		74 16.0 14	100 -3 13	94 9 10	84 -0.91 10	92 -1.16 12	99 -0.18 10	
ERC 230035 6020672884		ERC 200465		103 19	79 13	108 20								104 0.56 18				79 3.9 13	108 6.1 20		74 1.5 14							74 16.2 15						
ERC 230036 6020672892		ERC 200102		93 20	81 13	109 20								97 1.25 20				81 4.7 13	109 6.6 20		76 3.6 14							74 16.4 14						
ERC 230044 6020672918		ERC 200111		120 18	75 11	105 20								116 -0.69 17				75 1.6 11	105 5.1 20									71 14.3 15						
ERC 230051 97344022	17	ZYL 170005 ZYL 170017		97 69	104 70	77 51	98 50	97 36	87 53	90 64	105 34	89 49	98 20	98 21 50	99 1.08 74	95 -0.8 58	102 24 50	104 17.1 70	77 -3.3 51	83 33 57	108 31.8 68	105 97 47	113 68 18	114 -60 19	92 -0.1 53	104 14.9 52	112 -16.0 36	91 1.1 20	94 28.5 53	94 -8 51	98 12 47	98 0.53 20	92 -1.23 21	110 0.75 20
ERC 230059 98951841		ERC 200021		96 49	67 47	104 21	129 30							100 0.96 57	73 2.1 35		76 -14 30	67 -2.7 47	104 4.8 21	83 33 33							74 16.3 22							
ERC 230063 97340475		FDS 200049 ERC 200066		91 61	99 46	100 40	102 41	104 23	95 39	94 46	95 24	94 36	104 32	96 19 40	92 1.84 67	90 -0.3 49	96 17 41	99 14.3 46	100 3.8 40	101 75 42	92 17.6 42	96 64 31	103 43 5	92 -23 15	101 0.4 38	104 14.9 36	97 -7.4 23	98 -0.1 12	113 39.9 35	105 1 35	102 15 31	103 0.98 30	112 2.01 33	109 0.69 30
ERC 230066 97340467		FDS 200049 ERC 190040		86 60	108 60	113 41	96 41	103 25	107 44	109 54	99 24	105 40	112 32	103 27 40	88 2.24 66	89 -0.1 48	102 24 41	108 19.1 60	113 7.8 41	118 116 47	99 24.2 60	101 81 31	90 11 5	93 -25 15	102 0.4 38	107 17.2 36	94 -5.4 23	97 0.0 12	114 40.3 39	111 6 35	111 23 31	109 1.59 30	112 1.99 33	109 0.74 30
ERC 230068 97340426		FDS 200049 ERC 180040		87 60	105 60	113 41	96 43	102 25	104 44	105 54	98 24	102 40	110 32	103 27 40	89 2.17 66	91 -0.4 48	102 25 43	105 17.5 60	113 7.8 41	115 109 48	97 22.1 59	99 76 31	89 10 5	92 -23 15	102 0.4 38	106 16.5 36	94 -5.8 23	97 -0.1 12	112 39.2 40	110 5 35	108 21 31	108 1.44 30	112 2.00 33	109 0.72 30

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
LFR 230077 95732392	1	LAR 190192 LFR 190033			94 69	101 60	103 51	112 50	96 37	100 50	103 58	91 36	97 47	93 42	87 6	96 1.42	85 0.4	87 3	101 15.3	103 4.8	112 101	100 24.7	90 43	99 33	91 -22	125 1.7	87 5.3	110 -14.5	80 3.0	107 36.3	80 -19	82 -3	86 -0.74	109 1.50	88 -1.09
SBJ 230025 95141347	2	AG 150215 SBJ 190095			85 71	113 70	94 61	105 70	91 39	99 58	110 68	106 37	99 54	114 48	107 32	84 2.69	92 -0.5	94 13	113 21.8	94 2.0	111 100	111 35.1	109 114	83 -6	106 -46	92 -0.1	121 25.6	97 -7.5	84 2.2	107 36.2	90 -11	99 13	128 3.48	114 2.26	105 0.35
TMB 230281 95662961	2	TMB 190231 TMB 210289			120 70	103 69	97 53	102 46	108 40	117 54	110 64	111 38	117 51	107 50	94 15	119 -0.98	113 -3.3	96 16	103 16.8	97 2.9	103 81	109 32.7	113 127	101 38	115 -61	121 1.5	102 14.1	129 -25.4	92 0.9	105 35.1	97 -6	100 13	106 1.28	115 2.42	114 1.14
ERC 240005 97338024	1	KDT 200001 TMB 210061			116 68	98 69	93 50	118 48	102 36	109 52	105 63	103 36	108 49	93 42	84 2	111 -0.18	112 -3.2	84 -1	98 14.0	93 1.6	101 76	99 24.5	104 94	105 48	101 -38	88 -0.4	89 6.1	94 -5.4	107 -1.9	103 33.6	89 -12	91 5	88 -0.54	80 -3.09	94 -0.55
ERC 240007 97465843		ERC 180021			97 51	95 52	113 28	94 32							111 38	98 1.16	99 -1.4	104 28	95 12.0	113 7.6	103 82	84 10.8							87 23.7						
ERC 240013 97497226		AG 200050 ERC 200075			102 58	87 59	106 36	109 37	100 21	92 42	89 52			98 12	92 12	101 0.86	99 -1.4	89 6	87 8.1	106 5.7	99 72	86 12.6	95 62	78 -18	89 -18	95 0.0	93 8.4	96 -6.6	96 0.1	107 35.9	104 0	100 14	95 0.18	95 -0.69	98 -0.23
ERC 240019 97497242		ZYL 170005 ERC 200118			103 62	83 63	95 43	106 46	100 29	81 47	76 57	95 28	81 43	92 14	90 10	106 0.34	90 -0.3	93 11	83 6.1	95 2.1	83 33	83 9.5	97 68	103 42	101 -38	90 -0.2	101 13.3	106 -12.3	93 0.7	101 32.6	97 -6	97 11	93 -0.03	92 -1.27	102 0.15
ERC 240022 97500573		ZYL 170005 ERC 200448			96 62	99 62	104 40	93 35	98 29	95 45	95 55	100 28	95 42	102 14	103 28	98 1.23	97 -1.2	106 30	99 14.7	104 5.0	100 73	93 18.6	103 89	84 -3	102 -40	91 -0.2	106 16.1	101 -9.8	92 0.8	101 32.2	105 1	108 20	101 0.79	91 -1.30	103 0.21
ERC 240028 97519607		ZYL 170005 ERC 200011			93 62	90 62	99 40	105 35	99 29	84 45	82 55	96 28	84 42	95 14	91 12	96 1.35	84 0.6	94 13	90 9.4	99 3.3	92 55	86 12.8	98 73	92 17	100 -37	90 -0.2	102 13.9	104 -11.6	93 0.7	101 32.2	99 -4	100 13	95 0.19	92 -1.28	103 0.17
ERC 240029 97519615		AG 200050 ERC 210096			113 58	82 58	100 32	105 37	101 21	88 41	81 51			95 12	92 13	111 -0.22	108 -2.6	93 12	82 5.3	100 3.7	86 41	85 11.6	97 66	119 82	95 -29	95 0.1	94 18	97 -7.4	97 0.0	107 36.2	105 18	101 16	93 11	95 12	98 11
ERC 240033 98923071		ZYL 170005 ERC 200465			115 62	88 62	98 40	106 35	98 29	93 45	88 55	98 28	93 42	98 14	90 10	114 -0.53	106 -2.4	93 11	88 8.4	98 3.1	90 50	83 9.5	100 80	90 12	101 -39	90 -0.2	104 15.0	103 -10.6	93 0.8	101 32.2	102 -2	103 17	98 0.45	92 -1.29	103 0.19
ERC 240041 98923139		ZYL 170005 ERC 210012			114 63	81 63	91 43	105 46	100 29	83 47	76 57	94 28	83 43	94 14	90 10	113 -0.36	108 -2.6	94 12	81 5.0	91 1.1	78 20	79 6.0	96 66	79 -16	97 -32	89 -0.3	100 12.8	104 -11.6	93 0.7	102 33.1	97 -6	97 11	94 0.09	92 -1.27	103 0.16

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
ERC 240042 98923147		ZYL 170005 ERC 200305			115 62	78 63	94 43	122 46	100 29	87 47	79 57	95 28	87 43	91 14	81 -2 44	116 -0.70 68	97 -1.2 52	82 -4 46	78 3.4 63	94 1.8 43	82 30 51	79 6.0 64	96 66 40	105 47 13	101 -38 13	90 -0.3 45	100 13.0 44	106 -12.4 27	93 0.7 14	101 32.6 46	96 -6 43	96 10 40	92 -0.16 14	92 -1.27 15	102 0.14 14
ERC 240044 98923444		ZYL 170005 ERC 200110			109 62	88 62	97 40	100 35	99 29	88 45	84 55	97 28	88 42	97 14	96 17 34	109 0.05 68	105 -2.2 48	98 19 35	88 8.4 62	97 2.8 40	87 42 46	85 11.6 64	99 76 40	85 0 13	100 -36 13	90 -0.2 45	102 14.3 44	103 -10.9 27	93 0.7 14	101 32.2 46	100 -3 43	101 15 40	97 0.34 14	92 -1.28 15	103 0.18 14
ERC 240047 98923477		AG 200050 ERC 200015			81 58	95 59	110 36	93 37	100 21	86 42	87 52			99 12	102 26 35	83 2.71 65	88 0.0 44	105 30 37	95 12.0 59	110 6.7 36	100 74 44	94 19.9 58	100 80 17	119 81 10	97 -32 9	96 0.1 19	97 11.3 18	95 -6.2 16	96 0.1 11	107 36.0 36	110 4 18	107 20 17	96 0.25 11	95 -0.69 12	98 -0.22 11
ERC 240049 98923493		FDS 200049 ERC 180066			99 61	92 62	100 43	105 43	105 25	94 45	89 56	95 24	93 41	104 32	93 14 42	101 0.91 67	93 -0.6 49	93 12 43	92 10.6 62	100 3.8 43	96 64 49	86 12.6 62	96 63 31	102 41 5	91 -22 15	101 0.4 38	103 14.8 36	97 -7.3 23	98 -0.1 12	116 41.6 40	105 1 35	102 15 31	102 0.92 30	112 2.02 33	109 0.69 30
ERC 240053 98923527		FDS 200049 ERC 200005			96 60	99 60	110 37	95 29	104 25	102 42	99 52	97 24	100 38	110 32	104 29 29	98 1.20 66	96 -1.0 44	103 26 29	99 14.7 60	110 6.7 37	106 88 42	92 18.2 60	99 74 31	75 -24 5	89 -19 15	102 0.4 38	106 16.1 36	94 -5.7 23	97 -0.1 12	116 41.5 39	109 4 35	108 20 31	108 1.48 30	112 2.00 33	109 0.73 30
ERC 240058 98923576		FDS 200049 ERC 200066			101 61	92 61	101 41	105 41	105 25	95 45	90 55	96 24	94 41	104 32	93 14 40	102 0.80 67	95 -0.9 49	93 12 41	92 10.6 61	101 3.9 41	96 65 48	87 13.5 60	97 67 31	114 70 5	94 -26 15	101 0.4 38	105 15.5 36	97 -7.3 23	98 -0.1 12	116 41.7 39	106 2 35	103 16 31	103 0.94 30	112 2.02 33	109 0.69 30
ERC 250002 98923840	1	BBM 160058 LFR 200048			100 69	96 71	109 54	101 54	109 39	104 55	97 65	104 34	104 51	114 46	95 16 53	102 0.81 74	94 -0.7 60	96 16 54	96 12.8 71	109 6.4 54	106 87 60	100 25.4 56	106 103 50	97 29 19	96 -30 15	136 2.3 55	113 20.6 54	101 -9.8 40	112 -2.7 23	104 34.1 53	96 -6 53	92 6 50	102 0.84 44	143 6.91 47	109 0.70 45
ERC 250003 98923857		FDS 200049 ERC 200012			109 60	92 61	108 40	100 41	105 25	102 44	95 54	96 24	100 40	105 32	98 21 37	107 0.21 66	107 -2.6 48	98 19 41	92 10.9 61	108 6.1 40	101 75 47	87 13.0 40	97 67 31	96 27 5	91 -22 15	101 0.4 38	104 15.3 36	96 -6.9 23	97 -0.1 12	116 41.6 39	106 2 35	104 17 31	103 1.02 30	112 2.01 33	109 0.69 30
ERC 250006 98923881		BBM 160058 ZYL 160016			109 70	90 69	94 53	104 53	105 37	94 54	87 64	92 32	92 50	97 43	90 9 54	109 0.01 74	102 -1.8 60	94 14 53	90 9.8 69	94 1.9 53	88 45 58	93 18.5 58	90 43 47	91 13 18	83 -9 13	124 1.7 53	85 4.1 52	106 -12.6 36	103 -1.1 23	102 33.3 51	79 -20 51	76 -8 48	94 0.09 42	143 6.91 44	95 -0.51 42
ERC 250010 98923923		BBM 160058 ERC 200072			116 62	78 62	109 45	114 49	108 32	97 48	84 57	98 27	96 44	106 42	84 2 48	117 -0.79 67	101 -1.7 53	86 1 49	78 3.1 62	109 6.5 45	95 60 52	77 4.2 53	98 72 43	97 29 16	87 -16 10	119 1.4 46	96 46 46	110 -14.6 31	104 -1.3 19	100 31.7 45	90 -11 45	89 4 43	96 0.31 41	143 6.91 44	105 0.34 41
ERC 250013 98969728		BBM 160058 ZYL 200049			81 68	116 69	117 52	85 53	112 37	116 53	116 64	114 32	117 49	127 45	115 44 51	84 2.63 73	92 -0.5 59	116 45 53	116 23.5 69	117 8.9 52	119 120 58	118 41.0 60	116 138 49	97 29 17	98 -34 13	127 1.8 54	104 15.2 53	117 -18.7 38	106 -1.6 23	102 33.3 51	106 1 52	110 23 50	113 2.03 44	143 6.91 46	111 0.91 44
ERC 250016 99367070	1	AJF 210304 TMB 230281			115 66	109 57	110 40	99 35	113 30	130 44	121 53	104 30	126 41	108 42	99 22 29	113 -0.35 73	114 -3.4 49	99 20 35	109 20.0 57	110 6.7 40	118 117 44	111 34.7 47	107 104 40	101 39 12	108 -50 17	103 0.5 47	112 20.1 45	126 -24.0 32	100 -0.5 17	106 35.7 40	100 -3 44	102 16 41	106 1.31 40	99 -0.15 43	127 2.23 40

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																															
ERC 250019 99367088		AH 210034 ERC 220068		100 58	79 58	100 38	112 42	114 24	88 43	75 52	97 25	88 39	84 26	87 6	103 0.61	86 0.2	87 3	79 3.9	100 3.8	87 41	80 7.6	99 74	104 46	98 -34	93 0.0	101 13.2	110 -15.0	108 -2.0	104 34.5	83 -16	86 1	91 -0.24	89 -1.74	96 -0.41
ERC 250024 99367112		BBM 160058 ERC 200004		120 63	73 63	106 46	113 49	108 32	91 48	76 58	95 27	90 44	101 42	83 1	120 -1.10	105 -2.2	87 2	73 0.3	106 5.5	85 38	74 1.4	95 62	100 36	86 -14	119 1.4	93 8.7	112 -15.7	104 -1.3	97 30.3	86 -14	84 0	93 -0.06	143 6.91	104 0.31
ERC 250028 99367146		BBM 160058 ZYL 190005		84 69	105 71	119 54	93 53	98 38	102 55	106 65	110 34	104 51	123 44	105 30	87 2.34	88 0.0	105 29	105 17.6	119 9.5	117 115	109 33.3	112 125	99 33	99 -35	115 1.1	105 15.5	111 -15.4	92 0.8	98 30.6	105 1	107 19	111 1.74	143 6.91	111 0.91
ERC 250031 99367161		AH 210034 ERC 200003		111 59	73 58	97 38	124 43	113 25	89 43	73 53	97 25	88 39	83 26	83 0	113 -0.39	93 -0.6	80 -7	73 0.5	97 2.7	80 25	75 3.0	98 71	105 48	98 -33	93 -0.1	100 12.8	111 -15.3	108 -2.0	103 33.5	82 -17	84 0	90 -0.35	89 -1.73	96 -0.42
ERC 250043 99367245	6	LAR 210400 SBJ 230025		103 67	107 70	92 47	106 46	97 31	104 51	108 62	103 32	104 47	103 38	100 24	100 0.98	104 -2.2	93 11	107 18.9	92 1.1	104 82	107 30.9	105 97	90 11	100 -36	95 0.0	111 19.5	102 -10.1	85 2.2	118 42.4	82 -17	93 8	124 3.08	95 -0.79	105 0.36
ERC 250044 99367252		ZYL 170005 ERC 200009		102 60	91 62	99 41	103 35	98 29	89 45	87 55	95 28	89 42	92 14	93 14	104 0.59	96 -1.1	96 15	91 10.0	99 3.5	93 56	87 13.5	97 68	93 19	100 -36	90 -0.3	101 13.2	105 -12.1	93 0.7	96 29.7	97 -6	97 11	93 -0.04	92 -1.27	102 0.15
ERC 250045 99367435		ZYL 170005 ERC 200009		98 60	93 62	100 41	100 35	98 29	88 45	87 55	96 28	88 42	94 14	96 18	100 1.02	95 -1.0	99 20	93 11.0	100 3.6	94 58	89 14.8	98 71	92 17	100 -37	90 -0.2	102 13.7	105 -11.7	93 0.7	96 29.7	98 -4	99 13	94 0.11	92 -1.27	103 0.16
ERC 250048 99778045		ZYL 170005 ERC 200056		98 62	100 63	103 40	100 46	95 29	96 47	98 56	101 28	96 43	102 14	100 24	97 1.30	99 -1.5	99 20	100 14.9	103 4.5	103 80	93 18.9	104 93	86 3	103 -41	91 -0.2	106 16.7	101 -9.6	92 0.8	94 28.5	106 2	109 22	101 0.79	91 -1.30	103 0.21
ERC 250049 99778052		BBM 160058 TMB 210061		102 70	100 70	97 55	105 54	116 41	109 55	99 65	116 39	111 52	119 51	90 10	102 0.80	99 -1.4	93 12	100 15.0	97 2.7	101 76	106 29.9	117 145	99 33	106 -47	116 1.2	107 17.0	115 -17.9	113 -2.8	104 34.5	87 -13	96 10	103 0.98	143 6.91	112 0.94
ERC 250050 99778060		TMB 210232 ERC 200066		103 60	93 59	103 41	107 42	102 25	98 44	94 54	100 27	97 41	96 32	92 13	103 0.62	95 -0.9	91 9	93 11.2	103 4.6	101 76	91 17.0	102 87	110 60	101 -38	86 -0.4	89 6.2	118 -19.5	87 1.7	102 32.9	93 -9	98 12	96 0.31	98 -0.25	94 -0.56
ERC 250051 99778078		TMB 210232 ERC 180066		94 60	100 60	102 43	101 44	101 25	98 45	98 55	102 27	98 41	99 32	99 22	95 1.51	94 -0.8	97 18	100 15.1	102 4.4	104 82	96 21.4	104 93	108 55	102 -39	87 -0.4	91 7.1	117 -18.7	87 1.7	102 32.8	95 -7	102 15	99 0.59	98 -0.26	94 -0.55
ERC 250053 99778086		BBM 160058 ERC 200075		98 63	94 64	118 48	100 49	107 32	104 49	98 59	100 27	103 45	111 42	97 20	99 1.06	94 -0.8	97 18	94 11.6	118 9.1	111 100	89 15.3	100 81	80 -12	87 -15	120 1.4	97 11.2	107 -13.2	104 -1.2	101 32.2	93 -9	94 8	100 0.72	143 6.91	105 0.37

Breeding Values and Accuracies: Cows & Heifers

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	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
ERC 250060 99778151	BBM 160058 ERC 200116			75 62	105 62	124 45	88 49	105 32	101 48	102 57	105 27	102 44	118 42	107 33	80 3.04	82 0.9	111 39	105 17.5	124 10.9	117 115	98 23.6	106 102	89 10	91 -22	121 1.5	102 14.2	104 -11.5	103 -1.1	98 30.7	100 -3	103 17	106 1.31	143 6.91	106 0.41
ERC 260004 6020212806	BBM 160058 ERC 200022			120 63	77 49	99 45	106 39	107 31	89 43	75 49	99 27	89 40	108 42	91 11	122 -1.28	104 -2.2	92 11	77 2.5	99 3.5	81 27	76 3.7	99 43	96 16	88 -17	120 1.4	96 10.6	109 -14.1	104 -1.3	98 30.5	91 -10	91 6	98 0.53	143 6.91	105 0.36
ERC 260005 6020212814	TMB 210232 ERC 200050			101 60	97 41	102 40	95 42	101 24	96 38	94 44	104 27	97 36	105 32	105 31	102 0.73	99 -1.5	104 27	97 13.5	102 4.5	98 68	95 20.7	106 104	112 65	104 -43	87 -0.4	93 8.6	116 -18.0	87 1.7	102 33.0	99 -4	106 19	104 1.09	98 -0.28	95 -0.51
ERC 260007 6020212830	BBM 160058 LFR 200011	1		106 69	97 59	101 51	107 52	110 38	107 50	100 58	104 34	107 47	112 48	87 6	107 0.29	98 -1.3	91 52	97 13.5	101 4.1	103 82	98 23.3	103 92	99 33	96 -31	128 1.9	94 9.1	108 -13.4	111 -2.6	99 31.4	87 -14	92 7	111 1.83	143 6.91	108 0.63
ERC 260009 6020212855	TMB 210232 ERC 210096			97 60	102 39	108 36	98 42	101 24	103 37	103 42	103 27	102 35	105 32	101 25	96 1.39	100 -1.5	100 22	102 15.9	108 6.1	108 94	97 22.7	106 101	100 35	102 -39	87 -0.4	92 8.2	115 -17.8	87 1.7	102 32.8	98 -5	106 19	104 1.05	98 -0.28	95 -0.51
ERC 260016 6020212905	TMB 210232 ERC 200046			114 61	94 41	105 40	102 42	100 24	103 38	99 44	103 27	103 36	105 32	98 21	112 -0.26	110 -2.9	96 16	94 12.0	105 5.2	101 76	92 17.7	106 101	105 49	103 -41	87 -0.4	92 8.3	116 -18.0	87 1.7	100 32.1	98 -5	106 19	104 1.09	98 -0.28	95 -0.51
ERC 260017 6020212913	TMB 210232 ERC 190044			92 60	104 39	114 36	95 42	100 24	105 37	106 42	105 27	105 35	107 32	105 30	93 1.73	95 -0.9	103 27	104 17.1	114 8.1	114 107	100 25.1	107 107	108 55	104 -43	88 -0.4	94 9.1	115 -17.5	87 1.8	102 33.1	100 -3	108 21	105 1.22	98 -0.28	95 -0.50
ERC 260021 6020212954	BBM 160058 ERC 170006			107 63	85 49	112 45	96 49	106 30	94 43	84 50	100 27	94 40	112 42	101 24	109 0.08	102 -1.9	102 25	85 6.7	112 7.3	95 60	82 8.6	101 82	95 23	89 -18	120 1.4	98 11.4	108 -13.6	104 -1.2	96 29.7	93 -9	94 8	101 0.81	143 6.91	105 0.38
ERC 260023 6020212970	TMB 210232 ERC 200110			119 60	91 39	106 36	101 29	100 24	103 35	97 40	104 27	103 33	106 32	99 22	118 -0.86	112 -3.2	97 17	91 10.3	106 5.6	99 71	89 15.5	106 103	98 30	102 -40	87 -0.4	93 8.4	115 -17.5	87 1.8	101 32.3	99 -4	107 19	104 1.13	98 -0.28	95 -0.51
ERC 260033 6020425507	AG 200050 ERC 200073			110 57	83 37	92 24	115 22	98 19	85 31	81 36			97 16	86 5	107 0.22	105 -2.3	86 1	83 5.8	92 1.3	83 33	82 9.1	97 68	120 83	96 -30	93 -0.1	97 11.0	96 -7.0	96 0.1	100 31.7	109 4	105 18	92 -0.13	95 -0.80	96 -0.36
ERC 260035 6020425556	BBM 160058 ERC 180019			100 50	89 50	123 48	98 50	107 32	101 42	94 50	100 27	100 39	114 42	98 21	101 0.85	96 -1.1	99 21	89 9.0	123 10.7	110 97	86 12.6	101 83	73 -30	86 -13	120 1.4	98 11.4	107 -12.9	104 -1.2	101 32.4	94 -8	95 9	103 0.98	143 6.91	105 0.39

Selection List on Cow Value

Bulls 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X nt821 F94L	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc
1	TM 220018	TM220018	LAR 170339	AG 110065	7	4.8	HH(c)	0	0	0							
2	TMB 210232	TMB210232	CEF 170545	TMB 190570	7	1.4	HH(c)	0	0	0							
1	BBM 160058	BBM160058	BBM 100026	BBM 040057	7	5.9	HH(c)	0	0	0							
2	ERC 240023	CHAPPIES	SBJ 200014	SBJ 220046	7	1.8		0	0	0							
3	FDS 200049	FDS200049	ABB 160024	FDS 160116	8	0.6		0	0	0							
1	AH 230077	AH230077	LAR 170394	AG 150900	7	3.4		0	0	0							
2	AH 230114	AH230114	LAR 170358	AH 150035	8	1.0	HH(c)	0	0	0							
3	ERC 240048	CHAPPIES	SBJ 200008	SBJ 220018	6	0.9		0		0							
4	ERC 240069	CHAPPIES	FDS 200049	ERC 180019	7	0.0											
5	ERC 240071	CHAPPIES	FDS 200049	ERC 190044	6	0.0											
1	AH 210034	AH210034	LAR 170467	CEW 140094	8	1.6		0	0	0							
2	ERC 240061	CHAPPIES	FDS 200049	ERC 200050	7	0.0											
3	ERC 240064	CHAPPIES	FDS 200049	ERC 200046	8	0.0											
4	ERC 240065	CHAPPIES	FDS 200049	ERC 200102	6	0.0											
5	ZYL 170005	ZYL 170005	VV 140369	ZYL 120045	7	0.7		0	0	0							

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Q204X	nt821	F94L	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value												
Sorted on ID							Italics: DNA Test					Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc												
												★★★★★																					
1	ZYL 200049	ZYL 200049	AJF 150108	ZYL 180034	7	0.5					94	73	109	69	120	65	86	71	117	42	121	59	113	69	111	34	120	54	117	30			
												★★★★★																					
1	LFR 190033	LFR 190033	LFR 160001	LFR 100020	7	1.3					80	79	108	75	124	74	97	75	104	52	111	65	113	75	96	46	108	61	101	53			
2	LFR 200019	LFR 200019	LFR 150074	LFR 140061	8	6.9					90	78	103	76	109	77	98	76	119	49	110	66	102	76	108	45	110	62	108	52			
3	LFR 200097	LFR 200097	LFR 160061	LFR 160096	7	0.9					91	76	109	75	109	73	90	75	108	48	110	64	108	75	111	43	111	60	113	52			
4	TMB 210061	TMB210061	CEF 130317	TMB 120057	8	1.4					106	77	110	70	75	74	103	75	123	54	113	64	103	72	124	52	116	62	115	56			
5	TMB 230281	TMB230281	TMB 190231	TMB 210289	8	1.6	0	0	0					120	70	103	69	97	53	102	46	108	40	117	54	110	64	111	38	117	51	107	50
												★★★★★																					
1	ERC 230066	ERC 230066	FDS 200049	ERC 190040	7	0.0					86	60	108	60	113	41	96	41	103	25	107	44	109	54	99	24	105	40	112	32			
2	ERC 230068	ERC 230068	FDS 200049	ERC 180040	8	0.0					87	60	105	60	113	41	96	43	102	25	104	44	105	54	98	24	102	40	110	32			
3	ERC 240005	ERC 240005	KDT 200001	TMB 210061	8	1.2					116	68	98	69	93	50	118	48	102	36	109	52	105	63	103	36	108	49	93	42			
4	ERC 240053	CHAPPIES	FDS 200049	ERC 200005	7	0.0					96	60	99	60	110	37	95	29	104	25	102	42	99	52	97	24	100	38	110	32			
5	LFR 200011	LFR 200011	LFR 170124	LFR 160066	7	5.5					106	75	98	71	89	62	123	69	111	44	108	60	101	70	96	40	105	56	94	44			
6	LFR 230077	LFR 230077	LAR 190192	LFR 190033	7	0.7					94	69	101	60	103	51	112	50	96	37	100	50	103	58	91	36	97	47	93	42			
7	SBJ 220046	22046	LAR 170467	LFR 150017	8	0.7	0	0	0					79	75	110	72	102	65	100	71	103	41	101	60	105	71	109	44	102	57	105	58
												★★★★																					
1	AH 220162	AH220162	AH 190107	AH 140111	7	2.5					93	72	108	71	90	58	94	51	87	43	90	56	100	66	115	38	94	52	101	50			
2	ERC 230063	ERC 230063	FDS 200049	ERC 200066		0.0					91	61	99	46	100	40	102	41	104	23	95	39	94	46	95	24	94	36	104	32			
3	ERC 240013	CHAPPIES	AG 200050	ERC 200075	6	0.0					102	58	87	59	106	36	109	37	100	21	92	42	89	52					98	12			
4	ERC 240022	CHAPPIES	ZYL 170005	ERC 200448	6	0.0					96	62	99	62	104	40	93	35	98	29	95	45	95	55	100	28	95	42	102	14			
5	ERC 240033	CHAPPIES	ZYL 170005	ERC 200465	7	0.0					115	62	88	62	98	40	106	35	98	29	93	45	88	55	98	28	93	42	98	14			
6	ERC 240049	CHAPPIES	FDS 200049	ERC 180066	6	0.0					99	61	92	62	100	43	105	43	105	25	94	45	89	56	95	24	93	41	104	32			
7	ERC 240058	CHAPPIES	FDS 200049	ERC 200066	7	0.0					101	61	92	61	101	41	105	41	105	25	95	45	90	55	96	24	94	41	104	32			
8	LFR 200048	LFR 200048	LFR 160074	JRB 050159	7	0.1					105	76	87	75	104	72	112	74	107	45	97	63	89	74	96	38	95	58	98	35			
9	LFR 200084	LFR 200084	WAT 150265	LFR 140021	7	1.5					97	75	100	72	95	66	103	74	98	50	94	62	95	72	94	36	93	57	89	46			

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value													
Sorted on ID				% Inbreeding		Q204X nt821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc													
Italics: DNA Test																													
							★★★																						
10	SBJ 220018	22018	AG 150215	SBJ 190052	8	1.3	0	0	0	80	73	122	73	82	67	94	72	92	40	96	60	108	72	116	39	100	56	112	52
11	SBJ 230025	23025	AG 150215	SBJ 190095	8	2.0	0	0	0	85	71	113	70	94	61	105	70	91	39	99	58	110	68	106	37	99	54	114	48
12	ZYL 180032	ZYL 180032	LDW 130218	ZYL 140031	8	0.5				85	76	103	74	116	73	84	73	103	46	99	63	100	74	108	36	100	58	108	28
13	ZYL 190005	ZYL 190005	AJF 150108	ZYL 070028	7	0.5				89	73	97	74	123	71	95	73	89	44	94	62	100	73	107	38	95	57	113	28
14	ZYL 190052	ZYL 190052	ZYL 170005	ZYL 160016	6	4.3				125	76	93	69	74	57	107	68	94	39	90	57	87	68	89	32	88	52	87	16
15	ZYL 200026	ZYL 200026	ZYL 170005	ZYL 130002	6	1.5				68	74	123	69	106	59	83	68	74	40	90	58	113	68	100	35	90	53	107	26
16	ZYL 200057	ZYL 200057	ZYL 170005	ZYL 090030	7	3.7				103	75	98	71	90	65	112	71	95	42	95	60	98	70	94	35	93	55	94	18
							★★★☆																						
1	AH 210016	AH210016	AG 160952	SYF 130222	7	4.7				110	72	101	71	72	58	103	56	90	43	86	57	90	67	89	35	84	53	80	40
2	ERC 230051	ERC 230051	ZYL 170005	ZYL 170017	7	17.2				97	69	104	70	77	51	98	50	97	36	87	53	90	64	105	34	89	49	98	20
3	ERC 240019	CHAPPIES	ZYL 170005	ERC 200118	7	0.0				103	62	83	63	95	43	106	46	100	29	81	47	76	57	95	28	81	43	92	14
4	ERC 240028	CHAPPIES	ZYL 170005	ERC 200011	6	0.0				93	62	90	62	99	40	105	35	99	29	84	45	82	55	96	28	84	42	95	14
5	ERC 240029	CHAPPIES	AG 200050	ERC 210096	7	0.0				113	58	82	58	100	32	105	37	101	21	88	41	81	51					95	12
6	ERC 240041	CHAPPIES	ZYL 170005	ERC 210012	6	0.0				114	63	81	63	91	43	105	46	100	29	83	47	76	57	94	28	83	43	94	14
7	ERC 240042	CHAPPIES	ZYL 170005	ERC 200305	7	0.0				115	62	78	63	94	43	122	46	100	29	87	47	79	57	95	28	87	43	91	14
8	ERC 240044	CHAPPIES	ZYL 170005	ERC 200110	7	0.0				109	62	88	62	97	40	100	35	99	29	88	45	84	55	97	28	88	42	97	14
9	ERC 240047	CHAPPIES	AG 200050	ERC 200015	6	0.0				81	58	95	59	110	36	93	37	100	21	86	42	87	52					99	12
10	LFR 180169	LFR180169	PAD 100242	JDB 040061	6	0.5				94	80	96	71	95	75	133	77	78	50	88	64	101	74	91	48	86	61	103	60
11	WA 200044	WA200044	REV 120071	WA 150414	6	0.0				112	72	88	70	77	68	128	73	98	38	89	59	85	70	91	34	87	54	92	38
12	ZYL 170017	ZYL 170017	VV 140369	ZYL 120011	7	0.6				85	78	104	74	70	76	98	73	104	46	81	64	82	75	104	39	84	59	100	28
							★★																						
1	ZYL 160016	ZYL 160016	ZYL 120036	ZYL 130011	7	2.7				126	78	76	69	73	68	121	73	100	38	79	60	70	71	73	30	74	54	68	15
2	ZYL 200027	ZYL 200027	ZYL 170005	ZYL 090005	7	1.8				110	75	90	73	70	66	128	71	82	43	78	61	85	72	88	35	77	56	86	18

Selection List on Cow Value

Bull calves younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X n1821 F94L <i>Italics: DNA Test</i>	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	ERC 250062	ERC 250062	BBM 160058	LFR 190033	0.8			77	70	124	71	115	55	87	54	105	40	119	55	124	66	109	36	118	51	124	50
2	LFR 250084	LFR 250084	LAR 200385	LFR 200019	1.3			89	69	128	71	86	54	82	48	104	36	112	54	120	65	118	39	114	51	131	50
3	LFR 250101	LFR 250101	LAR 200385	LFR 200097	1.0			85	68	134	70	86	53	78	48	98	36	113	53	127	64	120	38	115	50	133	50
								★★★★☆																			
1	ERC 250007	CHAPPIES	BBM 160058	WA 200044	0.1			109	68	97	70	95	53	102	54	106	37	102	54	96	65	102	33	101	50	112	46
2	ERC 250008	CHAPPIES	BBM 160058	ERC 200240	0.0			89	61	97	62	118	45	107	49	108	32	105	48	101	57	99	27	104	44	118	42
3	ERC 250009	CHAPPIES	BBM 160058	ERC 190040	0.0			85	62	97	63	124	48	94	49	110	32	103	49	98	58	105	27	103	45	116	42
4	ERC 250038	ERC 250038	BBM 160058	ZYL 180032	0.4			88	69	108	71	113	55	87	54	106	39	107	55	107	66	112	33	108	51	124	45
5	ERC 250055	ERC 250055	FDS 200049	ERC 200001	0.0			98	60	97	61	108	41	102	41	105	24	101	44	98	55	95	24	99	40	106	32
6	ERC 250056	ERC 250056	FDS 200049	ERC 200015	0.0			75	60	114	61	114	41	83	41	104	24	104	44	109	55	100	24	103	40	114	32
7	ERC 260002	ERC 260002	TMB 210232	ERC 200296	0.0			125	59	88	39	103	36	102	29	100	24	102	35	94	40	104	27	101	33	106	32
8	ERC 260008	ERC 260008	BBM 160058	ZYL 190052	0.4			124	69	92	59	93	49	102	52	101	37	100	50	93	58	100	32	99	46	109	43
9	ERC 260010	ERC 260010	TMB 210232	ERC 200011	0.0			84	60	104	39	109	36	102	29	100	24	100	35	103	40	103	27	100	33	105	32
10	ERC 260015	ERC 260015	TMB 210232	ERC 200102	0.0			86	60	104	39	113	36	100	29	100	24	102	35	104	40	104	27	102	33	107	32
11	ERC 260020	ERC 260020	BBM 160058	LFR 200084	0.8			90	69	104	60	105	52	100	54	103	39	102	51	102	59	102	33	102	47	109	48
12	ERC 260025	ERC 260025	TMB 210232	ERC 200032	0.0			106	59	95	39	106	36	102	29	100	24	100	35	97	40	103	27	100	33	104	32
13	ERC 260029	ERC 260029	BBM 160058	SBJ 220046	0.5			78	69	111	60	109	52	99	53	106	37	107	51	110	59	110	36	108	48	117	52
14	ERC 260031	ERC 260031	BBM 160058	ZYL 200026	0.5			72	69	123	59	112	50	90	52	91	37	107	50	120	58	106	32	106	46	119	44
								★★★★																			
1	ERC 250020	ERC 250020	BBM 160058	ERC 200038	0.0			106	63	88	63	113	46	100	49	107	32	99	48	91	58	100	27	99	44	113	42
2	ERC 250025	ERC 250025	BBM 160058	ERC 190025	0.0			102	62	87	47	114	40	94	39	108	32	95	41	86	47	101	27	95	38	112	42
3	ERC 250039	ERC 250039	AH 210034	ERC 200429	0.0			102	59	83	58	101	38	105	42	112	25	90	43	78	52	100	25	90	39	92	26
4	ERC 250047	ERC 250047	BBM 160058	LFR 180169	0.3			92	70	102	71	104	55	110	55	94	40	99	56	104	66	102	36	99	52	118	52
5	ERC 260006	ERC 260006	TMB 210232	ERC 210012	0.0			131	60	86	41	98	40	101	42	101	24	99	38	89	44	102	27	99	36	104	32
6	ERC 260024	ERC 260024	BBM 160058	ERC 200072	0.0			102	63	87	49	110	45	106	49	107	31	97	44	89	50	100	27	96	41	110	42
7	ERC 260028	ERC 260028	BBM 160058	ZYL 160016	0.4			107	70	90	59	94	53	107	53	104	36	94	51	87	59	92	32	92	47	99	43

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 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
							Italics: DNA Test													
											★★★★									
1	ERC 260012	ERC 260012	AG 200050	ERC 200002	0.0						9358	8939	9031	11422	9919	8133	8038			9312

Selection List on Cow Value

Heifers younger than 2 years

ID Sorted on ID			Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Q204X	nt821	F94L	Genomic test	Calving Ease Value	Acc	Calf Growth Value	Acc	Milk Value	Acc	Maint. Value	Acc	Fertility Value	Acc	Cow Value	Acc	Weaner Calf Value	Acc	Growth Value	Acc	Prod Value	Acc	Carcass Value	Acc
														★★★★★★																			
1	ERC 250016	ERC 250016	AJF 210304	TMB 230281	1.4									115	66	109	57	110	40	99	35	113	30	130	44	121	53	104	30	126	41	108	42
														★★★★★																			
1	ERC 250013	CHAPPIES	BBM 160058	ZYL 200049	7	0.3								81	68	116	69	117	52	85	53	112	37	116	53	116	64	114	32	117	49	127	45
														★★★★☆																			
1	ERC 250002	CHAPPIES	BBM 160058	LFR 200048	7	1.0								100	69	96	71	109	54	101	54	109	39	104	55	97	65	104	34	104	51	114	46
2	ERC 250003	CHAPPIES	FDS 200049	ERC 200012	6	0.0								109	60	92	61	108	40	100	41	105	25	102	44	95	54	96	24	100	40	105	32
3	ERC 250028	ERC 250028	BBM 160058	ZYL 190005	0.2									84	69	105	71	119	54	93	53	98	38	102	55	106	65	110	34	104	51	123	44
4	ERC 250043	ERC 250043	LAR 210400	SBJ 230025	5.9									103	67	107	70	92	47	106	46	97	31	104	51	108	62	103	32	104	47	103	38
5	ERC 250049	ERC 250049	BBM 160058	TMB 210061	0.4									102	70	100	70	97	55	105	54	116	41	109	55	99	65	116	39	111	52	119	51
6	ERC 250053	ERC 250053	BBM 160058	ERC 200075	0.0									98	63	94	64	118	48	100	49	107	32	104	49	98	59	100	27	103	45	111	42
7	ERC 250060	ERC 250060	BBM 160058	ERC 200116	0.0									75	62	105	62	124	45	88	49	105	32	101	48	102	57	105	27	102	44	118	42
8	ERC 260007	ERC 260007	BBM 160058	LFR 200011	0.9									106	69	97	59	101	51	107	52	110	38	107	50	100	58	104	34	107	47	112	48
9	ERC 260009	ERC 260009	TMB 210232	ERC 210096	0.0									97	60	102	39	108	36	98	42	101	24	103	37	103	42	103	27	102	35	105	32
10	ERC 260016	ERC 260016	TMB 210232	ERC 200046	0.0									114	61	94	41	105	40	102	42	100	24	103	38	99	44	103	27	103	36	105	32
11	ERC 260017	ERC 260017	TMB 210232	ERC 190044	0.0									92	60	104	39	114	36	95	42	100	24	105	37	106	42	105	27	105	35	107	32
12	ERC 260023	ERC 260023	TMB 210232	ERC 200110	0.0									119	60	91	39	106	36	101	29	100	24	103	35	97	40	104	27	103	33	106	32
13	ERC 260035	ERC 260035	BBM 160058	ERC 180019	0.0									100	50	89	50	123	48	98	50	107	32	101	42	94	50	100	27	100	39	114	42
														★★★★																			
1	ERC 250006	CHAPPIES	BBM 160058	ZYL 160016	6	0.4								109	70	90	69	94	53	104	53	105	37	94	54	87	64	92	32	92	50	97	43
2	ERC 250010	CHAPPIES	BBM 160058	ERC 200072	7	0.0								116	62	78	62	109	45	114	49	108	32	97	48	84	57	98	27	96	44	106	42
3	ERC 250024	ERC 250024	BBM 160058	ERC 200004	0.0									120	63	73	63	106	46	113	49	108	32	91	48	76	58	95	27	90	44	101	42
4	ERC 250048	ERC 250048	ZYL 170005	ERC 200056	0.0									98	62	100	63	103	40	100	46	95	29	96	47	98	56	101	28	96	43	102	14
5	ERC 250050	ERC 250050	TMB 210232	ERC 200066	0.0									103	60	93	59	103	41	107	42	102	25	98	44	94	54	100	27	97	41	96	32
6	ERC 250051	ERC 250051	TMB 210232	ERC 180066	0.0									94	60	100	60	102	43	101	44	101	25	98	45	98	55	102	27	98	41	99	32
7	ERC 260005	ERC 260005	TMB 210232	ERC 200050	0.0									101	60	97	41	102	40	95	42	101	24	96	38	94	44	104	27	97	36	105	32
8	ERC 260021	ERC 260021	BBM 160058	ERC 170006	0.0									107	63	85	49	112	45	96	49	106	30	94	43	84	50	100	27	94	40	112	42

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
							<i>Italics: DNA Test</i>											
								★★★★★										
1	ERC 250019	ERC 250019	AH 210034	ERC 220068	0.0				10058	7958	10038	11242	11424	8843	7552	9725	8839	8426
2	ERC 250031	ERC 250031	AH 210034	ERC 200003	0.0				11159	7358	9738	12443	11325	8943	7353	9725	8839	8326
3	ERC 250044	ERC 250044	ZYL 170005	ERC 200009	0.0				10260	9162	9941	10335	9829	8945	8755	9528	8942	9214
4	ERC 250045	ERC 250045	ZYL 170005	ERC 200009	0.0				9860	9362	10041	10035	9829	8845	8755	9628	8842	9414
5	ERC 260004	ERC 260004	BBM 160058	ERC 200022	0.0				12063	7749	9945	10639	10731	8943	7549	9927	8940	10842
6	ERC 260033	ERC 260033	AG 200050	ERC 200073	0.0				11057	8337	9224	11522	9819	8531	8136			9716

