

BONSMARA

GENOMIC BREEDING VALUE REPORT

September 2026



NANNENG HOLDINGS PTY LTD

Herd Number: 712179

E-mail: info@nanneng-holdings.co.za



EBVs, EBVi's and GEBVs

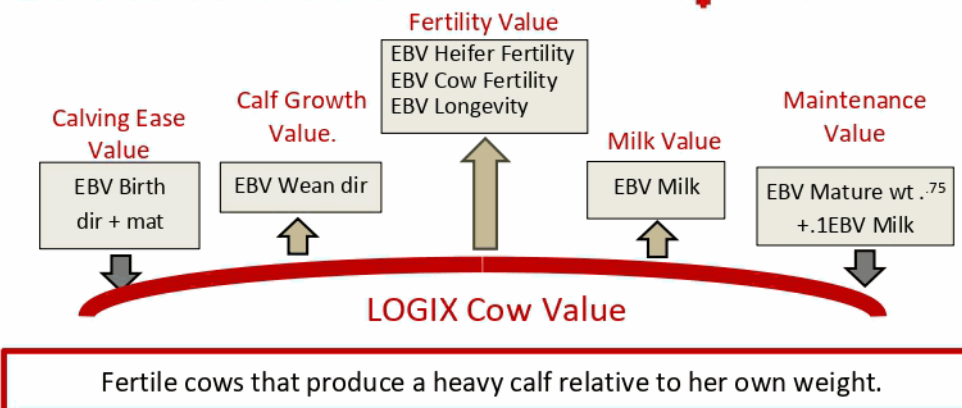
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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

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

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

LOGIX Cow Value



Selection Values

LOGIX Cow Value



Selecting for:

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

LOGIX Growth Value



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

How to use the Cow Value

Selection values should be compatible with your selection goal.

AVERAGE ANIMALS

(NO GROWTH EXTREMES)

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

GROWERS

(GOOD ENVIRONMENT)

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

LOW- MAINTENANCE ANIMALS

(HARSH ENVIRONMENT)

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

LOGIX Weaner Calf Value



Select for:

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

LOGIX Carcass Value



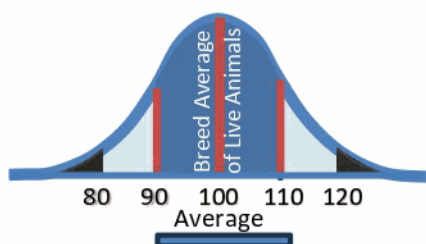
Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

Interpretation of EBVi and Selection Values

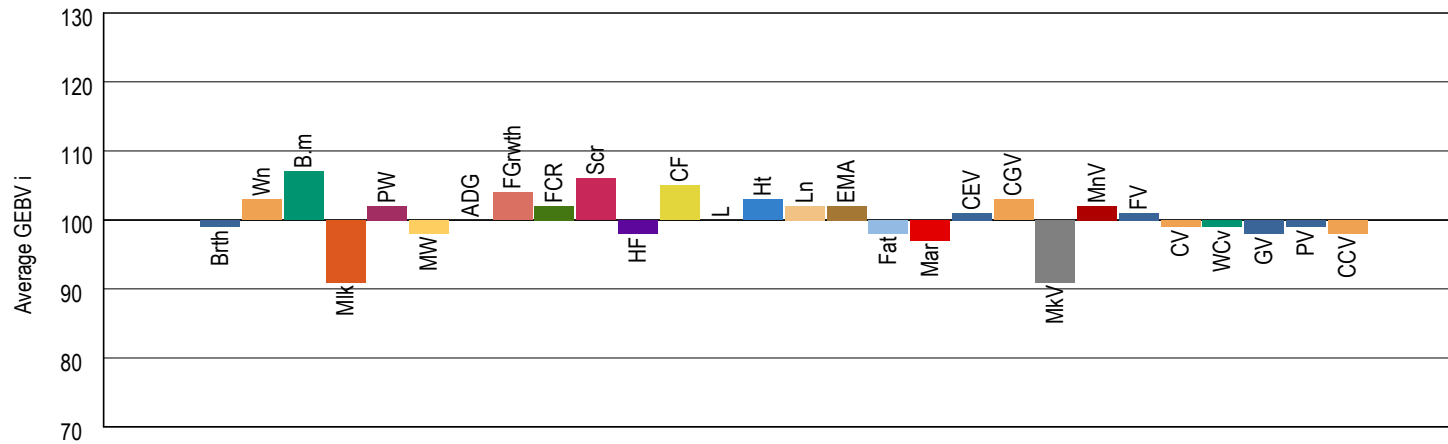


Examples

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

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

Herd and Breed Averages



Genomic Breeding Values (GEBVs):

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

Selection Values:

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

	Trait	EBV Herd	EBVi Herd	EBV Breed
Prewrite Growth	Birth Weight	1.07	99	0.98
	Wean Weight	16.6	103	14.9
	Birth Mat.	-0.62	107	-0.28
	Milk (Wn.Mat.)	0.9	91	3.7
Postwean Growth	Postwean Wt	27	102	25
	Mature Weight	20	98	22
	ADG	80	100	79
	VeldGrowth	46	104	35
	FCR	-40	102	-37
Fertility	Scrotal Circumf.	16	106	13
	Heifer Fertility	-7.8	98	-9.1
	Cow Fertility	-1.43	105	-0.56
	Longevity	31.6	100	31.8
Frame	Height	-0.4	103	-3.1
	Length	15.8	102	13.6
Carcass	EMA	0.877	102	0.683
	Fat	-0.208	98	0.055
	Marbling	-0.291	97	-0.056

Selection Value	Ave. Herd
Calving Ease	101
Calf Growth	103
Milk	91
Maintenance	102
Fertility	101
Cow Value	99
Weaner Calf Value	99
Growth Value	98
Production Value	99
Carcass Value	98

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

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

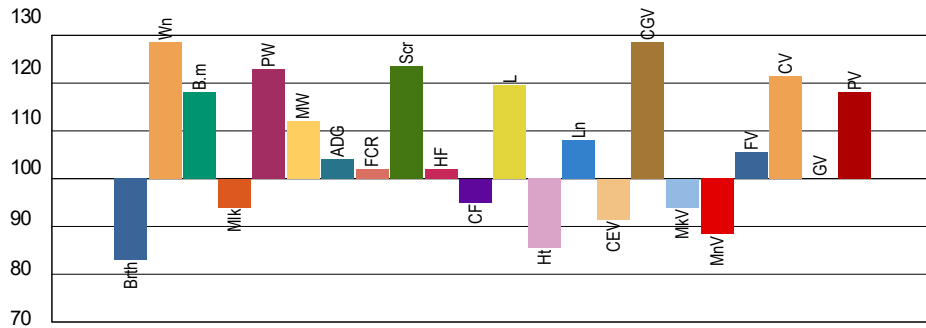
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

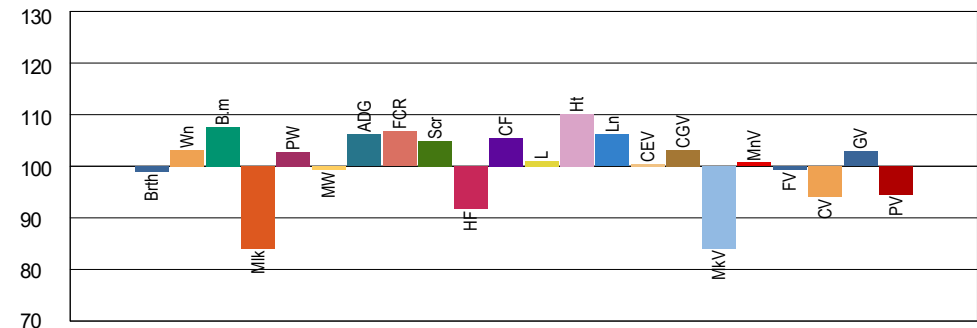
Total: 2



Cow Herd

Cows born in 2024 and earlier

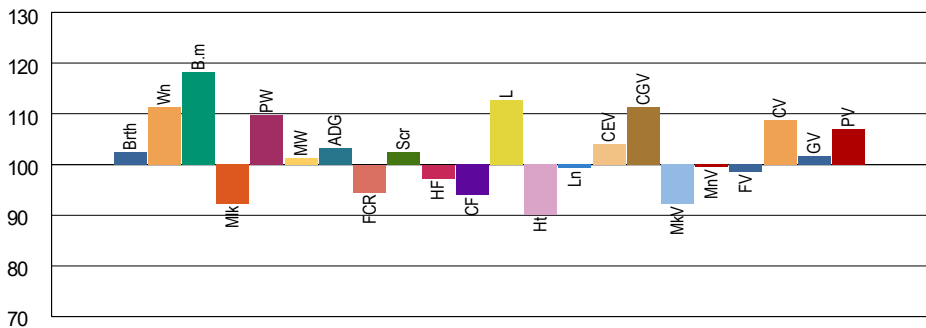
Total: 7



Sires of young animals

Sires of animals 3 years and younger

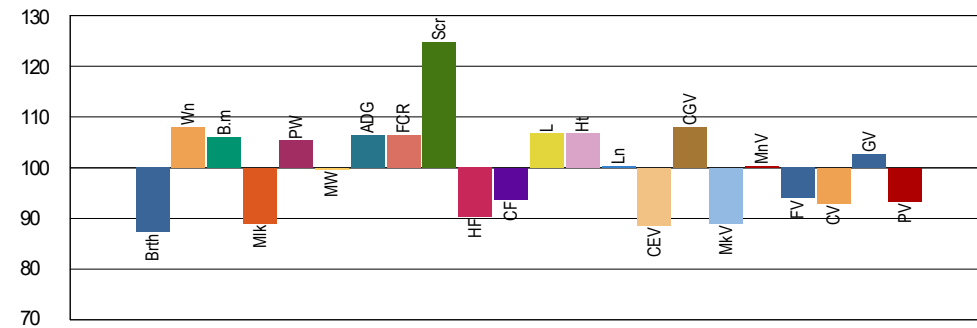
Total: 4



Cows older than 6 years

Cows born in 2020 and earlier

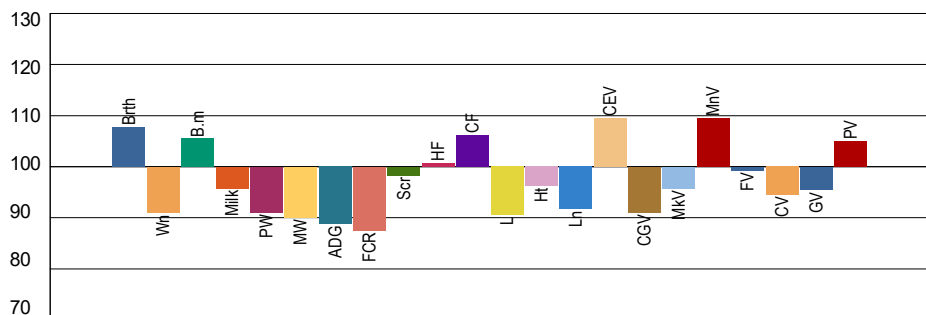
Total: 3



Bull calves

Bulls born in 2025

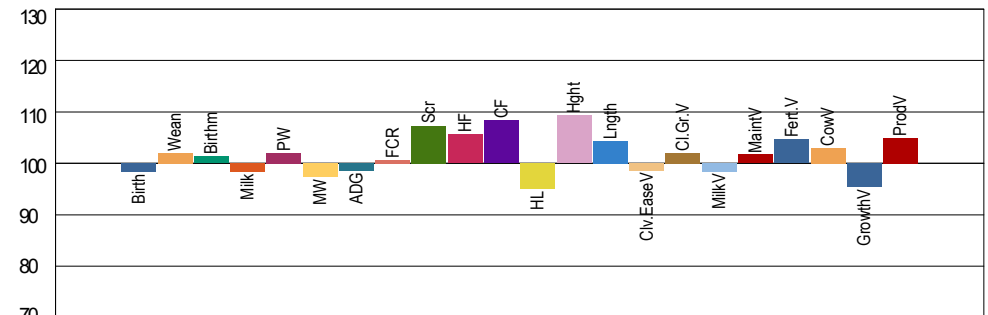
Total: 4



Heifer calves

Heifers born in 2025

Total: 3

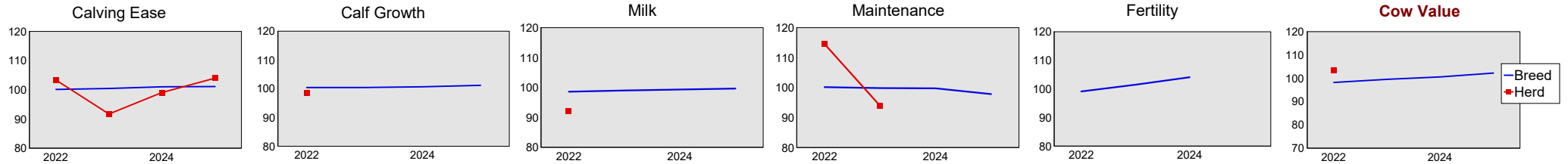


Summary of Cow Herd

			Selection Values (SV)								Calf Weight		Dam		Growth & Efficiency				Fertility				Frame	
Birth Year	No. Cows	Average Cow Value	Calving Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Growth Value	Prod Value	Birth Weight	Wean Weight	Birth Mat.	Milk (Wn.Mat)	Postwn Weight	Mature Weight	ADG	FCR	Scrotal Circumf.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
			Cows in Breed Average:								100	99	100	100	100	99	100	100	100	100	100	100	100	101
2016	1	★★★★	79	119	97	88	92	99	114	101	81	119	91	97	117	112	124	127	147	88	93	105	128	121
2017	1	★★★★	93	101	87	114	108	98	97	97	91	101	104	87	100	86	99	103	112	112	97	111	94	91
2018	1	★★★☆☆	94	104	83	99	82	82	97	82	90	104	123	83	99	101	96	89	115	71	91	104	98	89
2021	3	★★★★	114	97	81	100	106	97	101	97	113	97	103	81	101	100	105	108	97	96	117	97	118	114
2024	1	★★★☆☆	94	106	78	104	94	88	108	91	91	106	126	78	101	96	110	103	70	83	106	97	97	100
2025	3	★★★★☆	99	102	98	102	105	103	96	105	98	102	101	98	102	97	99	101	107	106	108	95	109	104
Cows in Herd Average:			96	105	87	101	98	95	102	96	94	105	108	87	103	99	106	107	108	93	102	102	107	103

Genetic Trends for On-Farm Traits

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



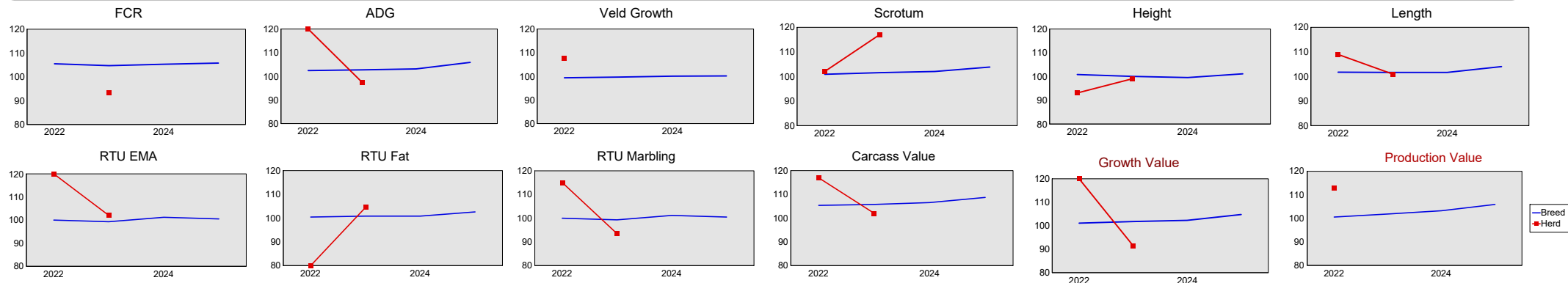
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance				Fertility						Cow Value	
	Birth Weight		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		
2022	3	0.54	-0.12	103	2	14.1	99	2	1.29	92	2	24.5	115									104
2023	15	2.18	-0.53	92							2	26.8	94									
2024	1	1.36	-0.75	99																		
2025	8	0.68	-0.46	104																		

Breed

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

Genetic Trends for Growth Test and Carcass Traits



Herd

Birth Year	Growth												Frame						Carcass						Selection Values			
	FCR			ADG			Veld Growth			Scrotum			Height			Length			EMA			Fat		Marbling		Carcass Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	RTU Number	EBV	EBVi	EBV	EBVi	EBV	EBVi			
2022				1	159	121	2	53	108	1	13.9	102	1	-9	93	1	22	109	1	5.44	148	-3.06	80	1.22	115	117	124	113
2023	2	-26	94	2	70	98				2	22.8	117	2	-4	99	2	15	101	2	0.88	102	0.75	105	-0.60	94	102	92	
2024																												
2025																												

Breed

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

Sires

Bull			Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny			
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured		
ID Comp.nr																																		Birth	Wean	Grwth Test
AG 110138	AG 060027		95	105	80	119	86	90	100	90	88	87	80	92	109	84	105	80	95	99	91	99	98	74	83	92	95	89	71	85	128	75	125	161	139	
72954753	AG 980015		95	96	88	89	73	82	93	64	78	72	-3	1.83	-2.8	-1	17.5	-2.5	62	24.4	47	33	-34	-1.12	2.9	-4.3	0.4	25.2	-26	-0.1	3.47	-3.88	2.06	45	28	69
													82	97	91	89	96	88	91	95	88	47	36	94	93	76	50	92	92	88	70	75	70			
AG 130134	CEF 040462		105	106	88	95	106	103	98	102	102	110	102	109	95	105	106	88	93	109	102	104	95	101	95	94	124	89	120	120	112	102	97	148	121	
77256568	AG 050406		95	96	89	90	71	82	94	62	78	53	25	-0.01	-0.9	29	18.0	0.1	56	33.5	87	45	-28	0.39	9.7	-5.4	-4.8	25.5	13	31.7	1.93	0.39	-0.30	34	31	80
													75	97	92	90	96	89	92	96	86	45	34	93	92	75	46	91	91	87	52	54	52			
HJL 130013	 HJL 070124		88	106	90	108	143	120	100	108	119	111	87	89	86	91	106	90	103	104	105	98	94	95	103	138	135	103	89	91	119	134	97	128	77	
77420156	HJL 080158		97	96	94	94	91	87	96	92	88	92	6	2.14	0.3	9	18.2	0.8	79	28.7	99	31	-26	0.03	14.9	-30.8	-6.8	33.5	-12	5.4	2.63	5.41	-0.28	16	29	70
													93	98	95	94	96	94	95	94	93	89	90	95	94	90	89	95	94	93	92	92	92			
JRB 170159	JRB 110033		108	101	119	115	108	124	118	88	117	95	86	105	105	85	101	119	128	101	91	107	89	112	110	118	97	109	103	98	103	106	109	66	47	
86173663	JRB 120155		87	90	64	60	50	68	81	56	66	56	5	0.45	-2.2	0	15.5	9.6	141	26.2	45	52	-19	1.00	18.6	-19.1	0.0	37.3	-1	12.1	1.01	0.94	0.72	5		
													60	94	71	60	90	64	71	88	63	38	46	73	70	49	31	70	69	63	53	58	54			
LAR 140173	 LAR 120033		107	130	90	92	88	121	133	145	129	134	121	106	111	109	130	90	114	139	140	111	122	82	118	116	61	116	81	123	148	71	102	929	826	
80517030	LAR 100159		99	99	99	99	98	91	99	98	92	99	51	0.38	-3.1	35	31.0	0.7	107	59.5	230	63	-73	-0.66	23.3	-18.3	6.3	41.5	-18	34.3	5.44	-4.60	0.08	383	238	539
													99	99	99	99	99	99	99	99	99	98	97	99	99	98	98	99	99	99	99	99	99			
LAR 170358	 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	
86116936	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
													97	99	98	97	99	98	98	99	98	96	96	99	99	97	96	98	99	98	98	98				
LES 070007	LAR 010130		96	108	123	100	77	105	119	90	101	96	96	96	97	97	108	123	129	106	92	101	94	93	114	95	76	93	113	108	122	65	95	186	131	
64813611	LES 020069		97	96	92	91	72	83	95	60	78	70	19	1.42	-1.2	18	19.0	10.7	142	29.9	50	38	-27	-0.07	21.3	-6.1	3.7	27.5	7	20.5	2.90	-5.50	-0.48	31	32	157
													83	98	94	91	96	92	93	92	86	60	32	93	91	72	49	95	90	87	67	73	68			
REV 120071	AG 040378		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	
75393272	REV 080086		95	95	87	87	66	80	93	70	78	77	7	1.08	-3.5	-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	24	78
													66	97	90	87	95	87	90	90	81	36	53	91	89	63	41	93	88	82	74	80	75			
REV 200152	 CSW 130253		85	131	78	83	91	103	119	123	107	116	123	84	122	121	131	78	99	122	123	93	108	102	78	73	99	111	106	111	113	88	86	63	44	
90870676	REV 140101		95	94	90	89	88	84	93	88	85	90	54	2.65	-4.6	53	31.5	-3.1	70	44.2	168	19	-50	0.44	-0.1	6.4	-0.4	38.5	1	23.1	2.01	-1.86	-1.24	12	1	1
													88	96	91	89	94	90	91	90	90	86	86	93	92	87	86	90	92	91	90	91	90			
REV 220068	AEJ 160191		107	84	109	107	90	87	87	89	85	91	90	107	100	91	84	109	97	88	94	93	98	100	106	95	89	104	85	88	101	114	104	4	3	
93450674	REV 160022		73	71	52	52	36	55	65	42	52	58	10	0.20	-1.6	8	6.4	6.4	67	14.5	57	18	-33	0.33	16.6	-6.0	1.4	34.4	-15	3.2	0.82	2.34	0.26			
													38	78	61	52	71	52	58	62	58	19	18	75	71	32	20	57	68	60	54	63	55			

Growth Tests

Animal				Weight			Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
202002 D11 M BOSCHOEK BONSMARAS		0609908BON AH 190110 89241095	LAR 140173 CEW 140034	127	140	119	115	84	140	122	98	113	116	95	104	138	64	87	110
				81	89	43	27	-16	1.31	25.7	0.46	129	-63	24	86	4.43	-5.64	-1.14	86
						88	87	88	88	89	85	87	85	85		86	86	86	
202402 C32 M BUFLAND BOERDERY		0635622MIX PMR 230006 95421285	LAR 170358 AH 190146	116	117	109	101	87	126	125	96	95	88	100	96	110	122	89	115
				79	87	34	15	-14	1.23	27.6	0.49	60	-16	35	86	1.69	3.46	-0.96	86
						87	87	88	88	88	85	86	85	83		86	87	86	

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass					
ID	Inbreeding	Genomic Parentage	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling			
			EBV Acc																																		
Sire ID Dam ID																																					
AH 190110	1		LAR 140173	84	140	94	83	103	127	139	104	124	110	124	72	106	119	140	94	119	135	113	95	116	100	122	98	94	119	84	115	138	64	87			
89241095			CEW 140034	90	89	88	87	86	81	89	86	82	86	56	3.87	-2.4	51	36.2	2.0	120	56.3	129	24	-63	0.3	25.7	-8.1	0.5	43.3	-16	27	4.43	-5.64	-1.14			
														87	91	88	87	89	88	88	88	87	85	85	90	89	86	84	88	88	87	86	86	86			
PMR 230006	2		LAR 170358	99	117	94	94	108	116	116	96	112	115	105	94	114	105	117	94	108	111	95	100	88	99	125	106	96	120	87	101	110	122	89			
95421285			AH 190146	87	87	85	85	84	79	86	86	80	86	31	1.59	-3.4	29	23.8	1.9	92	34.9	60	35	-16	0.2	27.6	-12.7	0.1	43.9	-14	15	1.69	3.46	-0.96			
														85	88	86	85	87	85	86	87	86	83	85	89	88	84	83	86	88	87	86	87	86			
PMR 250002	2		REV 220068	107	92	96	103	86	85	89	93	84	95	95	104	109	96	92	96	91	92	95	87	93	105	111	83	90	104	91	89	98	106	92			
98512833			REV 180047	64	51	43	45	30	44	51	30	41	38	17	0.61	-2.8	16	10.6	2.4	51	17.7	61	6	-26	0.6	19.1	0.6	1.2	34.3	-10	4	0.50	1.06	-0.77			
														28	70	53	45	51	43	46	48	39	16	18	48	46	29	18	43	44	40	35	40	35			
PMR 250004	1		JRB 170159	108	98	101	114	93	102	104	91	99	93	86	105	103	86	98	101	107	98	92	99	93	101	95	104	89	101	98	96	109	97	114			
98562473			ANN 210016	66	57	45	47	34	47	55	34	44	34	4	0.41	-1.9	1	13.8	4.1	91	23.1	50	33	-25	0.4	9.7	-11.3	1.4	32.2	-4	10	1.61	-0.47	1.11			
														48	72	54	47	57	45	50	57	40	24	26	46	44	35	22	46	44	41	33	35	33			
PMR 250005			ANN 210026	125	83	93	109	109	98	84			86	92	124	111	90	83	93	82	84	83	96	80	97	89	103	129	75	105	97	85	97	105			
98585763				57	35	29	29	23	32	37			15	12	-1.56	-3.1	7	6.0	1.4	31	11.1	16	27	-4	0.2	6.3	-10.6	-5.7	16.5	1	11	-0.78	-0.37	0.37			
														21	64	42	29	35	29	31	36	25	13	9	27	27	26	14	30	26	25	15	15	15			
PMR 250011			REV 170080	98	91	93	112	109	93	87	81	89	83	88	98	92	88	91	93	92	90	85	110	84	90	98	113	117	82	91	85	89	101	97			
98672793				38	35	34	36	23	31	35	21	29	22	7	1.16	-0.5	4	10.3	1.4	53	15.6	21	61	-10	-0.3	11.4	-16.4	-3.5	21.1	-10	1	-0.43	0.19	-0.29			
														26	39	37	36	35	34	35	30	23	11	17	27	26	23	14	32	25	24	21	23	21			

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID	% 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
REV 160005 82994716	2	LES 070007 REV 100228	Sire ID Dam ID	79 90	119 88	97 88	88 88	92 84	99 81	110 88	114 82	101 81	113 82	120 50 83	81 2.96 90	90 -0.2 89	112 40 88	119 25.3 88	97 2.7 88	108 93 88	117 39.8 84	124 168 83	112 65 82	127 -81 81	108 0.8 84	147 41.0 84	88 -2.2 83	93 0.8 82	105 34.7 86	128 19 84	121 32 83	109 1.63 82	77 -3.57 83	91 -0.78 82
REV 170080 85767002	1	HJL 130013 REV 140103		93 77	101 70	87 68	114 72	108 47	98 61	96 71	97 41	97 57	94 44	85 3 52	91 1.88 78	91 -0.3 74	86 2 72	101 15.4 70	87 -0.4 68	96 65 70	100 24.7 58	99 75 47	129 107 22	103 -42 33	87 -0.4 53	112 20.1 52	112 -15.6 47	97 0.0 29	111 38.5 64	94 -8 51	91 5 47	105 1.22 42	116 2.51 45	93 -0.62 42
REV 180047 88206966	2	REV 120071 HJL 060028		94 89	104 88	83 87	99 88	82 84	82 80	94 88	97 84	82 81	99 84	101 24 84	90 2.04 89	113 -3.3 88	101 23 88	104 17.3 88	83 -1.4 87	90 48 88	99 24.1 88	96 64 85	82 -7 82	89 -18 82	110 0.9 86	115 21.7 86	71 7.3 84	91 1.0 82	104 34.3 86	98 -5 85	89 4 85	95 0.19 84	98 -0.23 84	79 -1.81 84
ANN 210025 91913566	1	AG 110138 ANN 170005		111 88	97 87	80 86	101 87	99 84	91 80	89 87	104 83	92 81	92 83	90 10 84	110 -0.09 88	108 -2.6 87	98 19 87	97 13.5 87	80 -2.5 86	81 27 87	100 25.3 88	110 117 84	112 64 82	120 -69 81	64 -1.6 85	99 11.9 85	105 -11.7 84	98 -0.2 82	99 31.3 85	104 0 85	108 21 84	109 1.56 83	82 -2.81 83	116 1.29 83
ANN 210026 91913590	25	AG 130134 ANN 170010		129 86	93 85	88 83	109 83	107 81	107 77	96 85	98 80	105 78	100 80	92 13 81	126 -1.74 87	119 -4.1 85	90 8 83	93 11.2 85	88 0.1 83	88 44 84	96 21.1 86	96 66 81	102 40 79	96 -30 78	103 0.5 83	95 10.0 82	91 -4.0 81	122 -4.4 79	96 29.3 83	122 14 82	113 25 82	98 0.52 79	108 1.38 80	109 0.70 79
ANN 210031 91924050	1	AG 130134 ANN 150029		103 89	102 88	75 87	90 88	113 85	93 80	86 88	102 84	94 81	100 84	104 29 85	104 0.55 89	105 -2.2 88	112 40 88	102 16.2 88	75 -3.8 87	76 16 88	106 30.1 88	108 110 86	126 100 83	109 -51 83	99 0.3 87	96 10.1 86	92 -4.7 85	131 -6.0 83	95 28.8 87	128 19 86	121 32 86	90 -0.32 83	111 1.78 84	81 -1.66 83
PMR 240005 97695852	9	REV 200152 REV 180095		94 87	106 87	78 86	104 86	94 84	88 79	94 87	108 84	91 80	103 85	98 21 84	91 1.90 88	114 -3.4 86	96 16 86	106 18.0 86	78 -3.1 86	88 45 86	101 25.5 86	110 117 85	90 11 83	103 -42 83	88 -0.3 86	70 -4.8 86	83 0.9 84	106 -1.7 83	97 30.3 86	97 -6 86	100 14 85	101 0.81 85	111 1.82 85	98 -0.25 85
PMR 250001 98483670	1	JRB 170159 ANN 210025		96 66	106 58	101 45	107 47	103 35	108 48	108 55	96 35	105 45	93 34	88 7 38	94 1.60 72	99 -1.4 54	92 10 47	106 17.9 58	101 4.0 45	111 100 50	106 30.1 58	100 81 41	109 58 24	105 -45 26	88 -0.3 47	104 15.3 45	111 -15.4 36	97 -0.1 22	104 34.3 46	103 0 45	103 16 42	106 1.28 33	94 -0.93 35	113 1.00 33
PMR 250003 98541899	1	JRB 170159 ANN 210031		106 66	101 58	97 45	100 47	110 35	108 48	101 55	95 35	105 45	98 32	95 17 37	105 0.45 72	105 -2.2 54	99 20 47	101 15.7 58	97 2.9 45	100 73 50	103 28.0 58	99 77 41	117 76 23	99 -36 26	106 0.6 47	103 14.4 46	105 -11.9 36	114 -3.0 22	102 33.0 46	116 9 45	110 22 42	97 0.34 31	108 1.36 33	95 -0.47 31
PMR 250008 98603079		REV 160005		94 60	99 37	97 38	98 39	101 25	93 36	93 41			93 21	105 31 25	96 1.44 65	93 -0.6 48	101 23 39	99 14.6 37	97 2.9 38	97 65 38	97 22.4 28	97 68 25	102 40 16	98 -33 9	100 0.3 28	115 21.9 27	101 -9.7 24	114 -3.1 16	79 19.2 34	109 4 27	100 14 25	91 -0.22 20	82 -2.85 22	96 -0.37 20

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			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										
								Q204X	nt821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
								<i>Italics: DNA Test</i>																							
										★★★★★																					
1	AH 190110	AH190110	LAR 140173	CEW 140034	7	0.5	HH(c)	1	0	0		84	90	140	89	94	88	83	87	103	86	127	81	139	89	104	86	124	82	110	86
										★★★★★																					
1	PMR 230006	PMR230006	LAR 170358	AH 190146	7	2.4	HH(c)	0	0	0		99	87	117	87	94	85	94	85	108	84	116	79	116	86	96	86	112	80	115	86

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID		Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin			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										
								Q204X	nt821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
								Italics: DNA Test																							
											★★★★★																				
1	ANN 210026	ANN 210026	AG 130134	ANN 170010	6	25.1	HH(c)	0	0	0		129	86	93	85	88	83	109	83	107	81	107	77	96	85	98	80	105	78	100	80
											★★★★																				
1	ANN 210025	ANN 210025	AG 110138	ANN 170005	6	1.4	HH(c)	0	0	0		111	88	97	87	80	86	101	87	99	84	91	80	89	87	104	83	92	81	92	83
2	ANN 210031	ANN 210031	AG 130134	ANN 150029	7	1.3	HH(c)	0	0	0		103	89	102	88	75	87	90	88	113	85	93	80	86	88	102	84	94	81	100	84
3	REV 160005	REV160005	LES 070007	REV 100228	6	2.1	HH(c)	1	0	0		79	90	119	88	97	88	88	88	92	84	99	81	110	88	114	82	101	81	113	82
4	REV 170080	REV170080	HJL 130013	REV 140103	8	0.7						93	77	101	70	87	68	114	72	108	47	98	61	96	71	97	41	97	57	94	44
											★★★★																				
1	PMR 240005	PMR240005	REV 200152	REV 180095		8.8	HH(c)	0	0	0		94	87	106	87	78	86	104	86	94	84	88	79	94	87	108	84	91	80	103	85
2	REV 180047	REV180047	REV 120071	HJL 060028	8	1.9	HH(c)	1	0	0		94	89	104	88	83	87	99	88	82	84	82	80	94	88	97	84	82	81	99	84

Selection List on Cow Value

Bull calves younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X n1821 F94L	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc
1	PMR 250004	PMR250004	JRB 170159	ANN 210016	1.4			10866	9857	10145	11447	9334	10247	10455	9134	9944	9334
1	PMR 250005	PMR250005		ANN 210026	0.0			12557	8335	9329	10929	10923	9832	8437			8615
2	PMR 250011	PMR250011		REV 170080	0.0			9838	9135	9334	11236	10923	9331	8735	8121	8929	8322
1	PMR 250002	PMR250002	REV 220068	REV 180047	2.3			10764	9251	9643	10345	8630	8544	8951	9330	8441	9538

Selection List on Cow Value

Heifers younger than 2 years

ID Name Sorted on ID		Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X ni821 F94L	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc
								★★★★★									
1	PMR 250001	PMR250001	JRB 170159	ANN 210025	1.2			9666	10658	10145	10747	10335	10848	10855	9635	10545	9334
2	PMR 250003	PMR250003	JRB 170159	ANN 210031	0.8			10666	10158	9745	10047	11035	10848	10155	9535	10545	9832
								★★★★									
1	PMR 250008	PMR250008		REV 160005	0.0			9460	9937	9738	9839	10125	9336	9341			9321

