

BONSMARA

GENOMIC BREEDING VALUE REPORT

September 2026



ALFER FARMING ENTERPRISES

Herd Number: 476118

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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.

Selection Values

LOGIX Cow Value



Selecting for:

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

LOGIX Weaner Calf Value



Select for:

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

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

LOGIX Growth Value



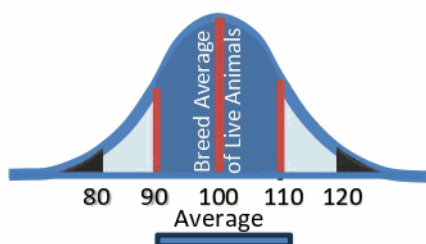
Select for efficient growers on veld and in feedlot, as measured in Phase C and D Growth Tests.

LOGIX Carcass Value

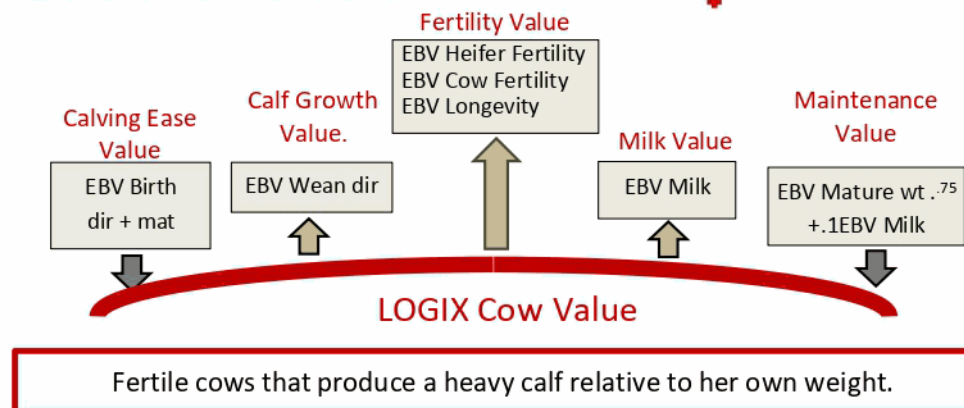


Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

Interpretation of EBVi and Selection Values



LOGIX Cow Value



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)

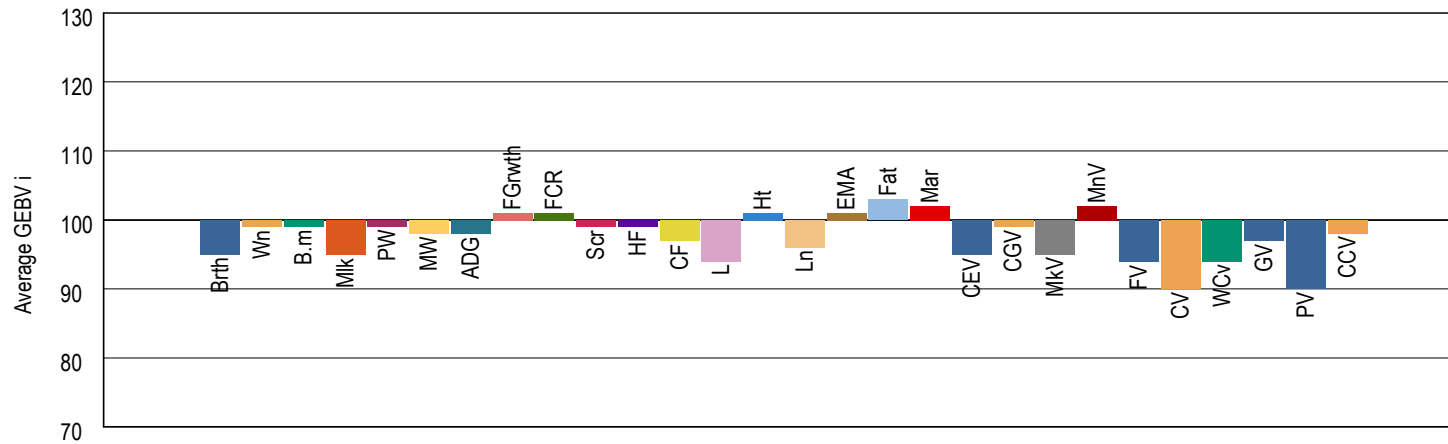
- Maintenance Value >110
 - Cow Value and Fertility Value average to high
- Lighter cows have a lower maintenance.

Examples

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

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

Herd and Breed Averages



Genomic Breeding Values (GEBVs):

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

Selection Values:

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

	Trait	EBV Herd	EBVi Herd	EBV Breed
Prewrite Growth	Birth Weight	1.54	95	0.98
	Wean Weight	14.7	99	14.9
	Birth Mat.	-0.26	99	-0.28
	Milk (Wn.Mat.)	2.1	95	3.7
Postwean Growth	Postwean Wt	24	99	25
	Mature Weight	20	98	22
	ADG	73	98	79
	VeldGrowth	39	101	35
	FCR	-38	101	-37
Fertility	Scrotal Circumf.	12	99	13
	Heifer Fertility	-8.3	99	-9.1
	Cow Fertility	-0.01	97	-0.56
	Longevity	28.2	94	31.8
Frame	Height	-2.5	101	-3.1
	Length	9.9	96	13.6
Carcass	EMA	0.730	101	0.683
	Fat	0.540	103	0.055
	Marbling	0.136	102	-0.056

Selection Value	Ave. Herd
Calving Ease	95
Calf Growth	99
Milk	95
Maintenance	102
Fertility	94
Cow Value	90
Weaner Calf Value	94
Growth Value	97
Production Value	90
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 and earlier

Total:

130
120
110
100
90
80
70

130
120
110
100
90
80
70

Sires of young animals

Sires of animals 3 years and younger

Total:

130
120
110
100
90
80
70

130
120
110
100
90
80
70

Bull calves

Bulls born in

Total:

130
120
110
100
90
80
70

130
120
110
100
90
80
70

Cow Herd

Cows born in and earlier

Total:

Cows older than 6 years

Cows born in and earlier

Total:

Heifer calves

Heifers born in

Total:

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:																						

Cows in Herd Average:

Genetic Trends for On-Farm Traits

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

Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility						Cow Value		
	Birth Weight		Dir EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Milk	Postwean Weight		Mature Weight		Mainte- nance	Heifer Fert.		Cow Fert.		Longevity		Ferti- lity			
	Number	EBV			Number	EBV		Number	EBV		Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV			Number	EBV

Breed

Birth Year	Calving Ease				Calf Growth			Milk		Maintenance					Fertility						Cow Value			
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity			Fertility		
	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	
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			

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	Dght & clvs (Weaned)
AG 110138 72954753		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			
		AG 980015	95	96	88	89	73	82	93	64	78	72	-3	1.83	-2.8	82	89	96	88	91	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	
AG 120070 74808700		AG 070742	102	83	113	127	52	72	94	72	68	76	78	98	105	77	83	113	109	83	69	104	76	107	107	81	46	89	62	53	94	92	98	179	167			
		AG 080719	98	98	96	96	94	89	97	94	90	94	-6	1.21	-2.3	95	98	97	96	97	95	95	92	96	96	94	92	96	96	95	94	95	94	35	35	123		
BBP 160005 83009944		PAD 100227	102	112	80	99	105	105	104	87	101	95	98	101	103	101	112	80	94	109	83	113	77	94	72	91	114	105	91	88	101	87	101	20	14			
		CJJ 070020	84	83	71	70	51	68	79	48	64	44	21	0.84	-1.9	70	83	71	75	33.2	17	68	1	0.00	-4.2	-3.8	-3.1	34.7	-10	3.2	0.74	-1.99	0.03	3	3	11		
BBP 170065 85276699		VVB 130306	102	94	94	142	113	112	105	95	109	98	62	98	89	62	94	94	115	94	96	95	101	94	115	119	106	104	91	85	95	106	98	53	48			
		PAD 100162	88	90	72	74	50	71	84	39	65	27	-28	1.22	-0.1	74	93	79	79	-34	11.9	1.9	109	19.4	63	24	-38	-0.02	21.5	-19.9	-1.6	34.3	-11	-0.1	0.21	0.96	-0.26	8
CSW 120229 76149954		BG 090150	88	101	121	97	81	93	104	106	95	105	105	95	78	100	101	121	119	97	114	82	108	123	105	97	79	87	98	108	102	91	79	73	60			
		CSW 080134	92	93	80	78	64	77	88	48	71	50	30	1.48	1.4	78	95	84	84	22	15.7	10.1	119	22.7	131	-7	-50	1.59	16.0	-7.4	3.1	23.8	-4	20.9	0.86	-1.41	-1.81	3
HJL 140130 80626302		HJL 080151	103	106	92	84	111	103	99	119	107	111	105	99	117	118	106	92	90	116	127	139	113	123	118	126	107	91	94	101	103	107	102	52	48			
		HJL 090128	94	94	90	90	87	84	93	90	85	89	30	1.13	-3.8	89	95	91	91	38.9	183	130	-58	1.62	23.5	-23.8	-1.8	26.3	-8	14.6	0.98	1.17	0.10	14	8	27		
HLF 140028 80522691		ADV 110007	104	92	73	105	95	77	76	93	77	88	83	108	90	94	92	73	71	90	96	105	96	113	103	89	105	103	67	79	105	78	87	73	71			
		SYF 050200	93	94	87	88	64	79	92	54	74	79	0	0.15	-0.2	87	95	89	90	14	10.7	-4.6	4	16.0	63	48	-29	1.07	14.5	-2.7	-1.4	33.8	-30	-5.3	1.20	-3.47	-1.14	37
JRB 140028 79531745		JRB 100006	95	113	81	97	114	107	104	111	108	101	105	90	111	103	113	81	94	112	115	121	111	82	125	101	124	98	106	101	109	95	112	10	8			
		JRB 110046	90	89	85	85	84	80	88	86	81	84	30	1.98	-3.1	84	91	87	86	27	21.8	-2.2	59	35.7	135	87	-55	-0.65	27.9	-9.9	-4.9	30.6	1	14.3	1.56	-0.72	0.96	5
JRB 160112 84089879		JRB 110107	108	81	116	106	125	106	84	106	106	95	85	114	88	92	81	116	100	97	96	112	99	97	96	109	122	123	107	92	92	101	111	58	47			
		JRB 130236	89	91	72	74	52	72	85	40	66	25	4	-0.48	0.0	74	94	79	79	10	4.6	8.8	74	22.4	62	64	-35	0.15	10.3	-14.1	-4.4	45.8	2	6.2	-0.16	0.24	0.84	
LAR 150442 83000570		LAR 110071	73	119	110	83	96	102	113	125	107	116	115	65	77	118	119	110	115	125	118	132	126	99	92	123	73	106	118	123	121	92	101	98	76			
		LAR 060142	92	93	80	77	62	76	88	55	72	46	44	4.60	1.5	64	96	84	83	49	25.0	6.8	109	47.2	146	113	-79	0.24	8.3	-22.3	4.2	35.3	11	33.7	2.74	-1.18	0.00	4
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	90	98	92	93	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
SBJ 170023 85684645		AG 120001	102	99	95	111	59	78	100	89	77	85	90	99	103	88	99	95	101	99	90	107	73	110	77	69	73	82	94	87	110	68	75	67	63			
		AG 090064	95	95	90	90	87	85	93	87	85	87	10	1.09	-1.9	87	96	92	92	4	14.3	2.1	76	24.5	43	53	7	0.85	-1.2	8.7	4.2	21.0	-8	2.0	1.71	-4.95	-2.18	1
TNS 160093 83580365		SYF 070036	81	111	74	92	90	79	89	110	82	107	113	84	87	110	111	74	84	111	109	100	112	65	119	97	101	79	88	95	103	103	93	45	30			
		LAR 100377	86	88	69	68	59	71	82	54	68	50	40	2.62	0.2	68	92	75	75	36	20.8	-4.3	34	34.4	114	36	-56	-1.62	23.8	-7.3	-0.7	19.2	-12	9.5	1.02	0.52	-0.68	7
ZYL 120042 76544279		WAT 070250	68	109	84	90	96	78	85	101	80	104	111	79	68	111	109	84	89	105	103	77	96	76	98	104	96	93	97	92	114	101	78	64	57			
		HJL 070235	94	94	89	89	86	84	92	87	85	82	38	3.17	2.7	89	95	91	91	39	19.6	-1.2	47	29.7	91	-19	-30	-1.03	11.6	-11.5	0.2	27.8	-5	6.5	2.05	0.15	-1.90	40

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow	Wean	End-	Length	Height	Length/	Scrotum	Intake	ADG	FCR	Veld	Growth	EMA	Fat	Marbling	Carcass
Test Station		ID	Dam ID	Value	dir	wt			Height					Growth	Value	Eye muscle			Value
201901 D21 M LEON RIEKERT & SEUNS		0601663MIX LFR 180034	PAD 100242	88	107	92	92	96	94	93	121	86	95	91	87	105	128	112	101
		86878873	AEK 120055	58	72	19	7	-6	1.14	8.9	0.05	26	-28	14	87	1.17	4.49	0.98	101
							65	72	68	74	24	64	24	27	46	62	69	62	66
		LFR 180035	PAD 100242	71	104	95	100	103	95	102	110	99	106	105	96	107	143	123	111
		86878881	LFR 100034	59	72	22	14	-1	1.14	14.0	0.24	76	-46	48	96	1.37	6.91	1.91	111
							65	72	68	74	24	64	24	28	46	61	67	61	64
		LFR 180124	CSW 120229	98	109	107	108	100	112	98	84	114	106	90	113	107	94	82	113
		87301172	CSW 120256	50	60	33	21	-3	1.19	11.5	0.71	133	-46	12	40	1.33	-0.95	-1.62	113
						62	56	66	61	69	19	55	19	20		52	61	53	56
201902 C22 M BUFLAND BOERDERY		0635622MIX BUF 180274	HJL 140130	81	97	99	96	100	93	109	87	110	102	125	111	92	123	117	108
		87753463	HJL 090010	80	88	25	10	-3	1.14	17.9	0.66	116	-40	96	111	-0.12	3.68	1.36	108
						86	86	87	86	87	85	85	85	82	86	85	86	85	86
201902 C32 M BUFLAND BOERDERY		0635622MIX BUF 180109	JRB 140028	103	122	112	116	126	81	113	104	117	126	131	112	103	97	108	114
		87753729	BEI 110021	51	67	37	28	18	1.10	20.7	0.35	144	-80	110	112	1.01	-0.36	0.60	114
						64	59	68	64	71	60	57	60	23	62	54	63	54	58
202003 D21 M SEBADJA BONSMARAS		0593117MIX FKB 190026	HLF 140028	93	89	88	87	88	101	121	120	96	110	89	94	100	124	93	95
		89304257	SEP 110008	58	72	15	2	-13	1.16	25.2	0.06	65	-53	9	40	0.69	3.80	-0.63	95
						69	65	72	68	74	12	64	12	13		58	66	58	62
202101 D11 M ANNANDALE BONSMARAS		0614225BON ANN 200022	AG 110138	82	95	101	98	98	101	100	100	101	99	103	99	104	85	111	91
		90334715	ANN 150006	56	69	27	12	-5	1.16	12.7	0.43	82	-36	44	99	1.09	-2.30	0.86	91
						66	62	69	66	72	22	61	22	27	44	38	41	38	40

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal					Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID	Animal no	% Inbreeding	Genomic Parentage	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
				EBV Acc																																
				Sire ID Dam ID																																
BUF 180109	JRB 140028				77	122	98	84	98	103	113	112	104	114	122	70	89	118	122	98	108	122	117	131	126	91	113	89	110	93	126	116	103	97	108	
87753729	BEI 110021				66	67	48	46	35	51	61	62	53	58	52	4.13	-0.1	48	26.6	2.9	92	44.3	144	110	-80	-0.2	20.7	-2.8	-2.4	27.6	18	28	1.01	-0.36	0.60	
															45	72	54	46	67	48	54	58	57	23	60	75	71	33	22	50	68	59	54	63	54	
BUF 180274	HJL 140130	3	HJL 090010		87	97	92	88	101	81	80	111	85	108	107	94	86	113	97	92	85	105	110	125	102	123	109	105	106	89	100	96	92	123	117	
87753463					88	88	86	85	84	80	87	86	81	86	33	1.60	0.3	42	13.4	1.3	37	29.4	116	96	-40	1.6	17.9	-12.0	-1.6	25.0	-3	10	-0.12	3.68	1.36	
															85	89	86	85	88	86	86	86	85	82	85	88	87	83	82	86	87	86	85	86	85	
LFR 180034	PAD 100242	1	AEK 120055		94	107	77	106	91	88	97	87	86	101	93	89	103	93	107	77	90	99	86	91	95	68	8.9	93	106	82	96	92	105	128	112	
86878873					72	72	61	58	45	58	68	46	56	66	14	2.09	-2.0	12	18.6	-3.3	49	24.0	26	14	-28	-1.5	8.9	-4.8	-1.6	21.1	-6	7	1.17	4.49	0.98	
															57	75	64	58	72	61	64	65	64	27	24	77	74	46	30	59	72	65	62	69	62	
LFR 180035	PAD 100242	1	LFR 100034		83	104	79	97	80	71	85	96	72	111	101	81	95	103	104	79	84	101	99	105	106	104	102	94	84	83	103	100	107	143	123	
86878881					72	72	63	60	46	59	69	46	56	64	24	2.92	-0.9	26	16.8	-2.9	34	26.0	76	48	-46	0.5	14.0	-5.9	2.3	21.6	-1	14	1.37	6.91	1.91	
															57	75	65	60	72	63	65	66	64	28	24	77	74	47	32	60	72	65	61	67	61	
LFR 180124	CSW 120229	16	CSW 120256		87	109	109	90	90	98	107	113	100	113	114	88	95	110	109	109	111	108	114	90	106	127	98	105	86	89	100	108	107	94	82	
87301172					59	60	55	54	42	50	58	40	48	56	42	2.21	-0.9	37	19.9	6.5	99	32.2	133	12	-46	1.8	11.5	-12.1	1.8	25.1	-3	21	1.33	-0.95	-1.62	
															54	61	56	54	60	55	56	60	55	20	19	73	69	41	28	56	66	56	52	61	53	
FKB 190026	HLF 140028	1	SEP 110008		110	89	93	104	105	93	85	94	91	95	86	111	102	94	89	93	86	85	96	89	110	129	121	101	107	105	88	87	100	124	93	
89304257					72	72	62	58	41	58	68	40	54	62	5	-0.14	-1.9	13	9.1	1.4	40	11.4	65	9	-53	1.9	25.2	-9.5	-1.9	34.7	-13	2	0.69	3.80	-0.63	
															57	75	64	58	72	62	64	66	64	13	12	78	74	43	26	55	72	65	58	66	58	
KBS 190227	AG 120070	3	KBS 100110		106	93	93	108	65	75	91	83	73	85	95	104	105	91	93	93	92	93	83	102	82	117	96	72	70	99	80	71	99	94	102	
89792626					71	63	61	60	47	56	63	44	54	54	16	0.61	-2.3	9	11.4	1.6	55	18.8	13	40	-7	1.3	10.2	7.2	4.8	31.5	-19	-13	0.56	-0.86	0.09	
															59	74	65	60	63	61	61	62	54	48	30	59	59	49	31	61	58	55	52	55	52	
ZYL 190054	ZYL 120042		ZYL 120003		92	99	95	96	96	87	89	97	87	97	100	96	89	104	99	95	93	97	103	93	102	69	104	102	96	95	103	99	107	90	90	
89865570					75	69	57	54	38	56	66	42	53	18	24	1.43	-0.1	27	14.5	2.2	57	22.5	91	18	-40	-1.4	15.4	-10.4	0.1	29.0	-1	13	1.35	-1.49	-0.88	
															54	80	63	54	69	57	60	60	63	19	16	78	74	33	21	61	72	64	17	18	17	
ANN 200022	AG 110138	1	ANN 150006		95	95	94	110	83	82	91	99	83	91	86	93	95	89	95	94	96	96	101	103	99	81	100	91	95	81	98	98	104	85	111	
90334715					70	69	58	58	44	56	66	44	54	40	4	1.72	-0.9	6	12.2	1.9	63	21.2	82	44	-36	-0.7	12.7	-3.9	0.4	20.1	-5	12	1.09	-2.30	0.86	
															47	73	63	58	69	58	62	65	61	27	22	76	72	44	30	58	69	62	38	41	38	
BBP 210018	BBP 160005	1	RKB 080044		109	97	90	107	105	100	95	83	96	86	90	110	101	92	97	90	93	96	81	108	83	88	74	106	103	105	101	88	91	93	103	
91534065					70	70	57	53	37	55	65	30	50	23	10	-0.06	-1.7	11	13.6	0.6	56	21.4	7	54	-9	-0.3	-2.6	-12.8	-1.0	34.7	-3	3	-0.26	-1.10	0.21	
															53	74	60	53	70	57	60	54	41	26	15	51	49	34	23	53	48	43	22	24	23	
BBP 210030	BBP 170065	2	BBP 180034		88	106	95	114	96	99	106	94	97	98	89	84	94	86	106	95	110	102	97	97	105	98	107	99	93	104	95	90	94	110	103	
91693796					67	68	50	52	35	52	63	31	48	22	9	2.68	-0.8	2	18.4	2.3	98	26.6	69	30	-46	0.2	17.2	-8.5	0.7	34.5	-7	5	0.04	1.57	0.23	
															52	72	58	52	68	50	57	64	37	36	22	49	47	33	21	52	46	42	21	23	21	
BBP 210032	BBP 170065	2	BBP 180158		95	104	100	120	110	113	111	107	112	100	82	92	96	83	104	100	115	100	111	101	117	108	117	116	103	105	115	104	100	104	106	
91693812					65	67	47	50	34	51	61	28	46	21	-1	1.86	-1.0	-3	17.1	3.8	109	24.9	121	39	-65	0.7	22.8	-18.0	-1.1	34.6	9	18	0.72	0.65	0.48	
															50	71	55	50	67	47	55	66	36	37	16	49	47	31	20	50	46	41	20	22	21	

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																															
BBP 210157 92503721		JRB 160112 BBP 150047		112 71	81 70	99 52	117 52	110 37	95 54	82 65	93 28	93 49	81 18	80 -3 53	115 -0.61 76	93 -0.6 60	85 0 52	81 4.9 70	99 3.3 52	88 45 58	90 15.9 68	88 35 36	114 71 22	96 -30 17	99 0.3 48	75 -2.3 45	104 -11.6 36	108 -2.0 22	112 38.8 54	98 -5 43	85 1 38	91 -0.18 18	92 -1.16 19	102 0.11 18
EEN 210124 93773018		LAR 150442 EEN 140025		85 65	97 64	117 52	83 50	99 34	89 50	91 60	102 27	90 45	102 23	116 46 44	87 2.32 69	96 -1.1 56	118 49 50	97 13.1 64	117 8.9 52	101 77 55	100 25.1 56	100 80 36	85 -1 22	100 -36 16	97 0.2 42	89 6.3 40	113 -16.7 32	90 1.3 20	98 30.5 50	111 5 40	107 20 37	104 1.06 22	92 -1.13 24	98 -0.22 22
JDV 210071 93029700		TNS 160093 JDV 110445		97 64	90 59	86 43	92 46	91 32	71 47	73 55	96 27	73 43	97 26	108 34 34	99 1.04 69	98 -1.4 53	108 34 46	90 9.5 59	86 -0.7 43	75 14 49	91 16.7 42	97 67 37	90 11 14	95 -29 15	81 -0.7 42	103 14.6 41	98 -7.8 27	103 -1.1 21	76 17.5 48	96 -6 40	94 8 37	95 0.14 25	98 -0.28 26	94 -0.57 25
JDV 210075 93029718		SBJ 170023 JRB 180079		103 68	101 70	102 52	119 53	84 36	100 54	109 64	92 34	97 50	96 36	81 -2 41	101 0.89 73	99 -1.5 58	84 -2 53	101 15.3 70	102 4.2 52	112 102 58	98 23.4 70	92 49 42	99 33 28	85 -12 23	98 0.2 49	90 6.9 47	90 -3.5 37	91 1.0 20	90 25.6 52	104 0 46	97 11 42	110 1.70 35	82 -2.84 38	92 -0.71 35

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	Sire 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 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
			Dam ID																																

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
						<i>Italics: DNA Test</i>		★★★★									
1	BBP 210032	BBP210032	BBP 170065	BBP 180158	7	1.6		9565	10467	10047	12050	11034	11351	11161	10728	11246	10021
								★★★★☆									
1	BBP 210018	BBP210018	BBP 160005	RKB 080044	7	1.4		10970	9770	9057	10753	10537	10055	9565	8330	9650	8623
2	BUF 180109	BUF180109	JRB 140028	BEI 110021	7	0.4		7766	12267	9848	8446	9835	10351	11361	11262	10453	11458
3	JDV 210075	JDV 210075	SBJ 170023	JRB 180079	7	0.3		10368	10170	10252	11953	8436	10054	10964	9234	9750	9636
								★★★									
1	BBP 210030	BBP210030	BBP 170065	BBP 180034	7	1.5		8867	10668	9550	11452	9635	9952	10663	9431	9748	9822
2	BBP 210157	BBP210157	JRB 160112	BBP 150047	6	0.4		11271	8170	9952	11752	11037	9554	8265	9328	9349	8118
3	FKB 190026	FKB190026	HLF 140028	SEP 110008	7	0.5	100	11072	8972	9362	10458	10541	9358	8568	9440	9154	9562
4	LFR 180124	LFR 180124	CSW 120229	CSW 120256	8	16.1		8759	10960	10955	9054	9042	9850	10758	11340	10048	11356
								★★★☆									
1	ANN 200022	ANN 200022	AG 110138	ANN 150006		1.4	000	9570	9569	9458	11058	8344	8256	9166	9944	8354	9140
2	BUF 180274	BUF180274	HJL 140130	HJL 090010	6	2.6	HH(c)000	8788	9788	9286	8885	10184	8180	8087	11186	8581	10886
3	EEN 210124	EEN 210124	LAR 150442	EEN 140025	7	0.0		8565	9764	11752	8350	9934	8950	9160	10227	9045	10223
4	LFR 180034	LFR 180034	PAD 100242	AEK 120055	7	1.1		9472	10772	7761	10658	9145	8858	9768	8746	8656	10166
5	ZYL 190054	ZYL 190054	ZYL 120042	ZYL 120003	7	0.2	100	9275	9969	9557	9654	9638	8756	8966	9742	8753	9718
								★★									
1	JDV 210071	JDV 210071	TNS 160093	JDV 110445	6	0.0		9764	9059	8643	9246	9132	7147	7355	9627	7343	9726
2	KBS 190227	KBS190227	AG 120070	KBS 100110	6	2.5		10671	9363	9361	10860	6547	7556	9163	8344	7354	8554
3	LFR 180035	LFR 180035	PAD 100242	LFR 100034	6	0.5		8372	10472	7963	9760	8046	7159	8569	9646	7256	11164

