

BONSMARA

GENOMIC BREEDING VALUE REPORT

September 2026



JORDAANSRUST FARMS CC

Herd Number: 31417

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EBVs, EBVi's and GEBVs

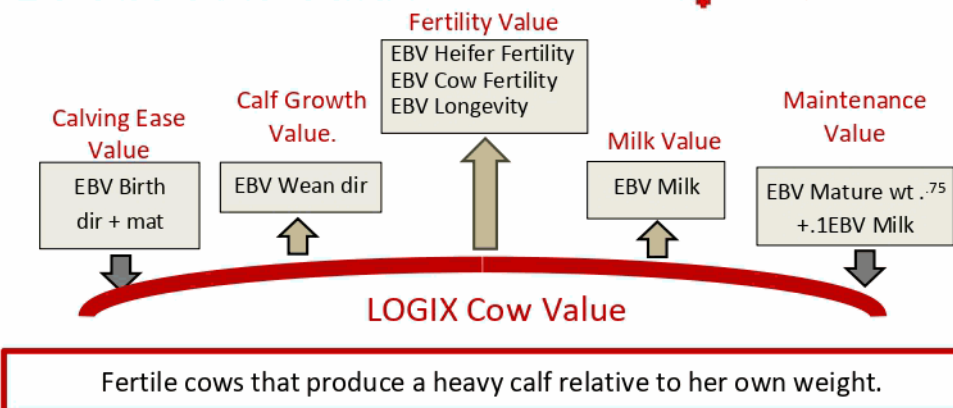
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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.

LOGIX Cow Value



Selection Values

LOGIX Cow Value



Selecting for:

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

LOGIX Growth Value



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

How to use the Cow Value

Selection values should be compatible with your selection goal.

AVERAGE ANIMALS

(NO GROWTH EXTREMES)

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

GROWERS

(GOOD ENVIRONMENT)

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

LOW- MAINTENANCE ANIMALS

(HARSH ENVIRONMENT)

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

LOGIX Weaner Calf Value



Select for:

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

LOGIX Carcass Value



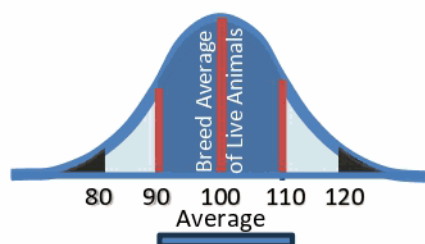
Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

Interpretation of EBVi and Selection Values

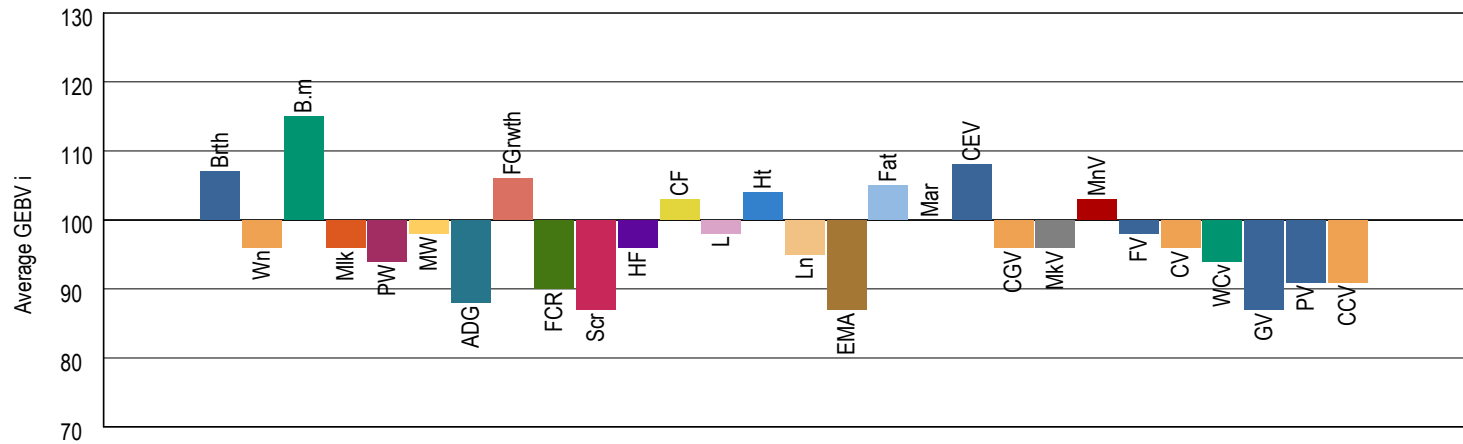


Examples

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

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

Herd and Breed Averages



Genomic Breeding Values (GEBVs):

Brth:	Birth weight	Scr:	Scrotal circumf.
Wn:	Weaning weight	HF:	Heifer Fertility
B.m:	Birth maternal	CF:	Cow Fertility
Mlk:	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
Prewean Growth	Birth Weight	0.20	107	0.98
	Wean Weight	12.8	96	14.9
	Birth Mat.	-1.01	115	-0.28
	Milk (Wn.Mat.)	2.3	96	3.7
Postwean Growth	Postwean Wt	20	94	25
	Mature Weight	19	98	22
	ADG	35	88	79
	VeldGrowth	52	106	35
	FCR	-20	90	-37
Fertility	Scrotal Circumf.	5	87	13
	Heifer Fertility	-6.6	96	-9.1
	Cow Fertility	-1.01	103	-0.56
	Longevity	30.7	98	31.8
Frame	Height	0.2	104	-3.1
	Length	8.9	95	13.6
Carcass	EMA	-0.577	87	0.683
	Fat	0.793	105	0.055
	Marbling	-0.066	100	-0.056

Selection Value	Ave. Herd
Calving Ease	108
Calf Growth	96
Milk	96
Maintenance	103
Fertility	98
Cow Value	96
Weaner Calf Value	94
Growth Value	87
Production Value	91
Carcass Value	91

- 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).

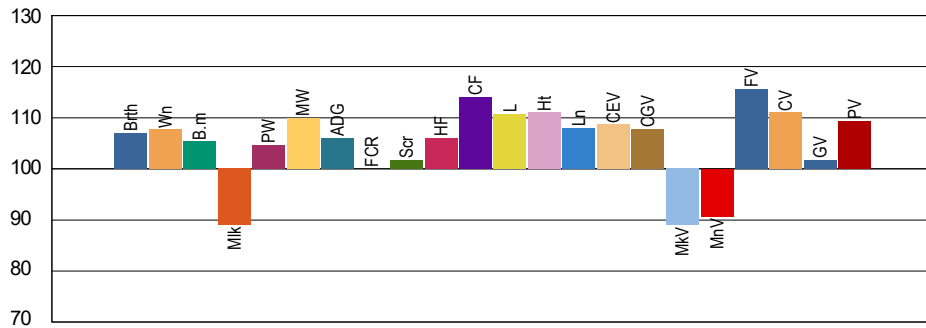
Fertility: Cows/daughters that calve earlier and/or more regularly.

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

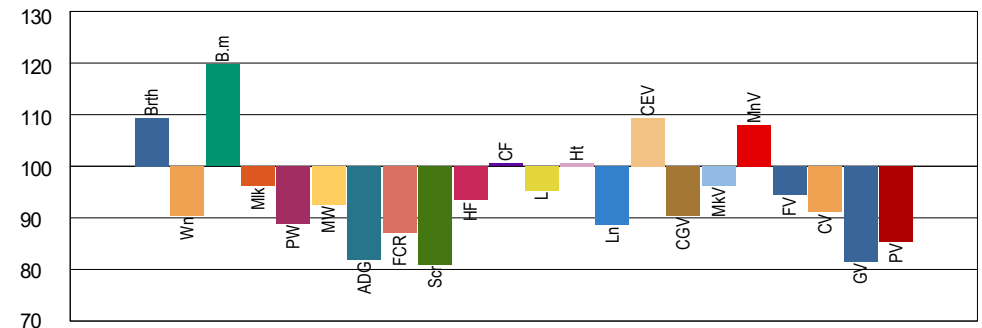
Total: 3



Cow Herd

Cows born in 2024 and earlier

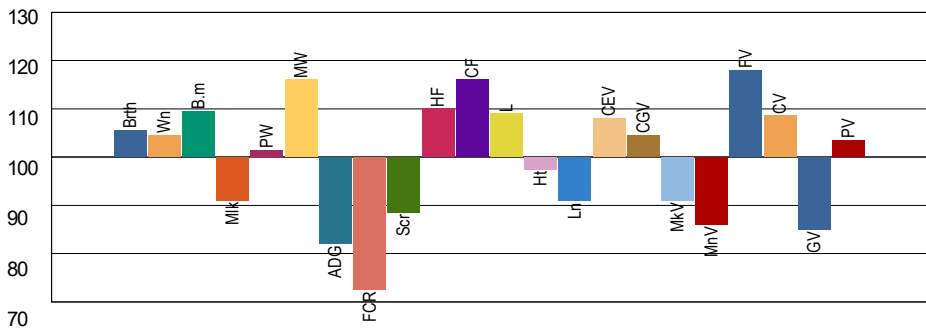
Total: 10



Sires of young animals

Sires of animals 3 years and younger

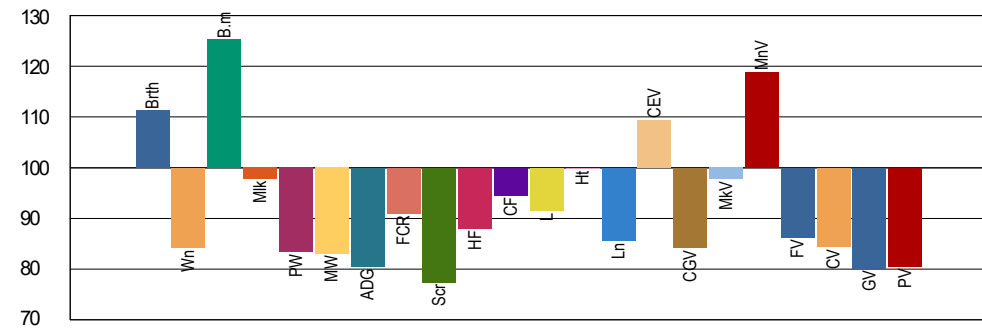
Total: 2



Cows older than 6 years

Cows born in 2020 and earlier

Total: 5



Bull calves

Bulls born in

Total:

130
120
110
100
90
80
70

Heifer calves

Heifers born in

Total:

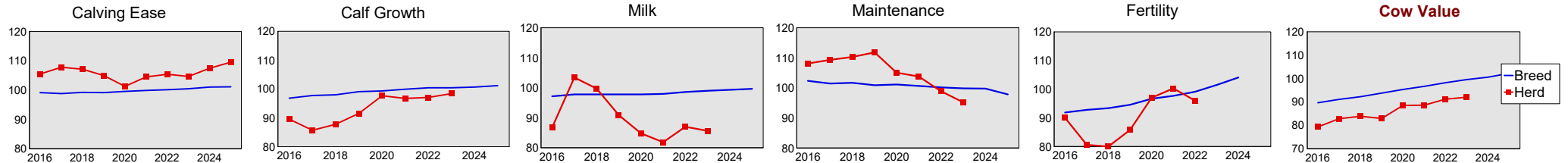
130
120
110
100
90
80
70

Summary of Cow Herd

			Selection Values (SV)								Calf Weight		Dam		Growth & Efficiency				Fertility				Frame	
Birth Year	No. Cows	Average Cow Value	Calving Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Growth Value	Prod Value	Birth Weight	Wean Weight	Birth Mat.	Milk (Wn.Mat)	Postwn Weight	Mature Weight	ADG	FCR	Scrotal Circumf.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
Cows in Breed Average:			100	99	100	100	100	100	99	100	100	99	100	100	99	100	100	100	100	100	100	100	101	100
2012	3	★★★★	97	95	106	107	88	90	81	82	100	95	108	106	92	93	88	93	86	85	100	88	109	98
2015	1	★★★★☆	110	89	89	130	87	89	78	84	106	89	123	89	87	76	80	98	74	104	83	94	106	89
2017	1	★★★★☆	128	74	97	124	83	83	80	79	131	74	147	97	76	80	79	91	76	80	96	94	87	76
2019	1	★★★	108	90	93	104	79	79	81	76	108	90	136	93	89	94	82	89	79	88	83	93	98	84
2024	5	★★★★	109	97	95	97	103	98	83	91	108	97	114	95	94	102	83	83	85	99	106	99	101	92
Cows in Herd Average:			110	89	96	112	88	88	81	82	111	89	126	96	88	89	82	86	80	91	94	94	100	88

Genetic Trends for On-Farm Traits

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



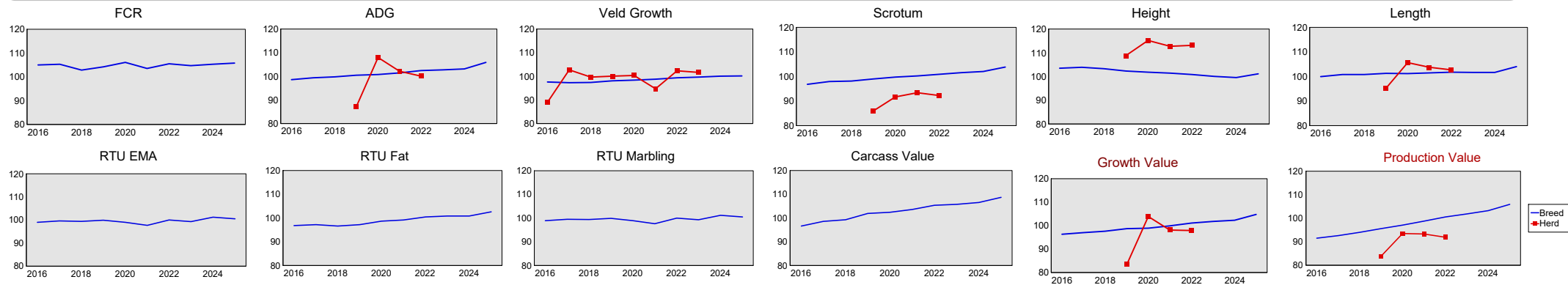
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility								Cow Value				
	Birth Weight		Calv. Ease	Dir EBV	Mat EBV	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility						
	Number	EBV				Number	EBV		Number	EBV	Milk	Number	EBV	Number		EBV	Number	EBV	Number	EBV	Number		EBV		Number	EBV		
2016	42	0.63	-0.79	105		37	9.3	90		37	-0.33	87		31	14.9	6	33	108		7	-1.8	5	-1.4	41	23.1	90		79
2017	76	0.42	-0.79	108		67	7.3	86		67	4.78	103		50	13.7	14	5	109		19	-2.2	14	1.6	76	22.9	81		83
2018	70	0.52	-0.77	107		58	8.4	88		58	3.61	100		44	14.6	16	9	110		16	-1.4	16	1.7	70	23.9	80		84
2019	61	0.72	-0.76	105		51	10.4	92		51	0.91	91		43	15.5	12	9	112		19	-3.6	14	0.2	61	24.1	86		83
2020	91	0.99	-0.49	101		69	13.7	98		69	-0.92	85		47	22.0	13	25	105		20	-5.0	7	-0.7	90	28.3	97		89
2021	98	0.66	-0.63	104		75	13.2	97		75	-1.84	82		52	20.7	5	24	104		13	-5.1	1	-3.3	97	27.6	100		89
2022	94	0.57	-0.54	105		75	13.4	97		75	-0.26	87		46	22.8			99		4	-4.1			27	29.1	96		91
2023	76	0.71	-0.51	105		57	14.1	98		57	-0.68	86		23	24.9			95										92
2024	43	0.47	-0.78	107																								
2025	2	0.13	-0.51	110																								

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility							Cow Value					
	Birth Weight		Calv. Ease	Dir EBV	Mat EBV	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Milk	Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity			Ferti- lity				
	Number	EBV				Number	EBV		Number	EBV		Number	EBV	Number	EBV		Number	EBV	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
2017							48	42	103																			
2018							44	35	100																			
2019				11	30	87	32	36	100	11	4.5	86	11	4	109	11	9	95							83	84		
2020				15	109	108	30	37	100	15	7.8	92	15	9	115	15	19	106							104	94		
2021				18	87	102	33	23	95	18	8.8	93	18	7	113	18	17	104							98	93		
2022				18	80	100	27	42	102	18	8.1	92	18	7	113	18	16	103							98	92		
2023							22	40	102																			
2024																												
2025																												

Breed

Birth Year	Growth												Frame						Carcass								Selection Values		
	FCR			ADG			Veld Growth			Scrotum			Height			Length			RTU		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	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)
CRV 160335 85463826	JPL 120167 CRV 110036	98	118	64	87	129	110	98	133	115	123	112	101	101	116	118	64	79	118	142	100	131	59	112	106	138	107	136	129	118	98	135	143	114		
		92	95	74	77	57	75	88	60	72	62	39	0.88	-1.7	46	24.5	-7.5	22	40.9	238	35	-88	-1.93	19.7	-12.7	-7.2	36.3	26	39.7	2.44	-0.26	2.92	26	10	10	
JJ 040013 48264873	BG 960125 JJ 940058	103	73	116	133	72	75	85	64	69	64	73	98	98	70	73	116	106	73	64	94	76	110	54	81	88	76	84	74	75	93	71	122	112		
		95	96	89	88	74	82	94	69	79	45	-13	1.18	-1.2	-22	0.5	8.7	89	1.1	-58	21	3	0.85	-14.6	1.6	1.6	17.2	-16	-9.1	-1.85	-1.06	-2.51	39	21	99	
KHS 120064 75900746	VBB 080077 KHS 090084	132	71	100	110	78	76	76	87	75	87	92	128	123	88	71	100	78	80	87	89	96	106	78	84	92	79	81	78	85	105	99	60	52		
		90	91	75	77	59	74	86	52	70	22	12	-1.97	-4.6	5	-0.4	3.8	20	6.9	29	9	-30	0.65	-0.5	0.0	0.8	19.4	-18	-5.9	-0.83	0.87	-0.14	1	10	19	
NAC 140001 78976404	 ZAK 100016 NAC 100040	117	94	74	112	117	102	89	72	94	93	78	113	119	88	94	74	77	90	75	97	44	95	87	120	107	108	64	64	80	121	117	67	62		
		95	96	92	92	90	86	95	90	87	88	-6	-0.37	-4.1	4	12.0	-4.2	19	15.8	-14	28	55	0.05	4.8	-20.7	-1.8	36.6	-31	-18.7	-1.34	3.30	1.42	19	12	34	
V 060281 63840425	V 040092 V 020180	106	92	119	99	104	105	98	101	104	108	100	110	92	99	92	119	110	98	101	88	94	70	95	97	123	77	110	102	104	112	104	21	18		
		84	85	73	63	54	68	80	53	65	18	24	-0.12	-0.6	20	10.9	9.4	96	23.1	83	8	-26	-1.36	10.0	-7.2	-4.7	17.9	5	15.8	1.04	1.91	0.25	7	3	24	
VV 110502 74250051	AG 080204 VV 050461	108	91	113	125	72	93	106	73	87	83	86	104	110	79	91	113	116	90	78	120	94	79	78	92	73	87	102	90	88	107	95	124	106		
		94	95	86	88	69	81	92	57	76	36	4	0.61	-2.9	-9	10.0	7.8	113	16.4	-2	85	-27	-0.84	-0.4	-4.7	4.2	23.7	-2	4.5	-0.55	1.16	-0.45	8	25	56	
WVW 190006 88765730	WVW 150079 WVW 160098	111	103	83	83	121	105	94	89	101	103	105	108	120	121	103	83	80	102	81	111	72	95	87	109	123	105	106	93	82	111	95	74	48		
		86	90	62	56	46	67	80	50	64	40	30	0.14	-4.2	53	16.7	-1.5	25	27.0	7	63	10	0.07	4.8	-14.4	-4.6	34.9	1	7.6	-1.09	1.78	-0.49	9			
ZAK 210013 92063049	NAC 140001 ZAK 140072	105	106	99	89	115	112	104	81	106	99	103	103	112	111	106	99	99	101	83	104	73	100	90	111	109	113	89	89	86	113	114	20	2		
		81	73	59	56	43	59	69	33	54	22	27	0.70	-3.2	39	18.3	3.5	71	26.3	13	45	7	0.31	6.9	-15.6	-2.1	39.7	-12	3.5	-0.67	2.08	1.13				

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																
202201 D11 M		0031417BON																	
JORDAANSRUST FARMS CC		KHS 210373	CRV 160335	115	106	112	113	116	93	109	89	113	109	94	109	107	100	117	112
		92646587	KHS 060225	57	72	67	25	9	1.13	18.3	0.62	129	-51	22	44	1.35	0.03	1.34	32
							62	70	66	72	20	61	20	15		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 Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
KHS 200050 90307646	1	CRV 160335 KHS 120235		107 68	111 59	84 53	87 52	110 33	106 50	102 58	115 31	108 46	111 31	113 41	108 0.13	108 -2.6	115 45	111 20.6	84 -1.2	89 47	110 33.5	122 162	110 59	118 -66	83 -0.6	106 16.4	97 -7.2	113 -2.9	107 36.3	128 19	122 33	111 1.83	100 -0.02	120 1.63
KHS 210373 92646587	1	CRV 160335 KHS 060225		114 76	106 72	84 58	96 55	122 40	115 57	102 68	109 44	114 54	112 32	104 29	110 -0.07	116 -3.8	104 27	106 18.4	84 -1.3	90 49	103 28.1	113 129	94 22	109 -51	77 -1.0	109 18.3	110 -15.0	120 -4.1	112 39.0	116 9	113 25	107 1.35	100 0.03	117 1.34
ZAK 210013 92063049	4	NAC 140001 ZAK 140072		105 81	106 73	99 59	89 56	115 43	112 59	104 69	81 33	106 54	99 22	103 27	103 0.70	112 -3.2	111 39	106 18.3	99 3.5	99 71	101 26.3	83 13	104 45	73 7	100 0.3	90 6.9	111 -15.6	109 -2.1	113 39.7	89 -12	89 4	86 -0.67	113 2.08	114 1.13

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																															
KHS 120235 74983487		KHS 090003		90 76	116 70	107 76	86 69	82 29	100 59	114 72			99 9	114 42 70	89 2.14 77	103 -1.9 73	114 43 69	116 23.4 70	107 5.9 76	112 102 72	111 34.7 70	102 86 22	120 84 8	103 -41 10	107 0.7 25	101 13.1 25	87 -1.7 18	89 1.5 12	87 23.9 57	119 12 24	115 27 22	105 1.23 9	101 0.22 9	105 0.34 9
KHS 120328 75900613	1	JJ 040013 KHS 070046		119 83	71 80	100 85	143 78	82 53	82 70	82 81	68 44	76 65	64 24	63 -26 79	122 -1.32 83	143 -7.4 81	60 -36 78	71 -0.4 80	100 3.7 85	94 59 81	69 -2.3 78	69 -39 56	87 5 22	85 -12 27	101 0.4 65	69 -5.5 63	80 2.3 55	94 0.5 34	91 26.5 70	96 -6 62	75 -9 57	70 -2.35 23	97 -0.44 24	83 -1.49 23
KHS 120363 75986380	1	V 060281 KHS 090089		82 80	97 77	110 80	93 72	100 47	89 66	89 77	94 34	88 60	97 14	108 34 73	89 2.09 81	78 1.4 77	105 30 72	97 13.6 77	110 6.7 80	103 81 76	96 21.0 76	93 52 44	106 50 14	92 -24 20	91 -0.2 51	89 6.0 49	88 -1.9 47	117 -3.6 28	86 23.3 67	112 6 48	104 17 44	96 0.26 14	105 0.84 15	95 -0.45 14
KHS 150240 81328858	1	VV 110502 KHS 120324		110 79	89 75	89 76	130 76	87 50	89 65	93 76	78 35	84 59	75 22	75 -10 77	106 0.34 80	112 -3.1 77	76 -14 76	89 8.9 75	89 0.2 76	92 54 76	87 13.7 75	80 3 4	137 126 18	98 -34 22	90 -0.3 52	74 -3.0 50	104 -11.4 52	83 2.4 66	94 27.9 66	106 2 49	89 4 46	79 -1.38 21	104 0.76 22	90 -0.91 21
KHS 170085 85749497	7	KHS 120064 KHS 120328		128 77	74 75	97 74	124 73	83 46	83 64	80 75	80 38	79 59	77 16	83 1 74	131 -2.29 79	151 -8.5 74	80 -7 73	74 1.1 75	97 2.7 74	81 28 74	76 3.3 72	79 0 48	91 15 15	91 -21 22	101 0.4 61	76 -1.5 58	80 2.4 48	96 0.2 28	94 28.1 62	87 -14 56	76 -7 50	79 -1.43 16	101 0.16 17	91 -0.84 16
KHS 190091 89162747	1	VV 110502 KHS 100245		108 75	90 73	93 70	104 71	79 46	79 62	86 72	81 34	76 56	84 18	94 15 68	108 0.16 77	131 -5.8 72	94 13 71	90 9.8 73	93 1.6 70	88 44 71	89 15.1 73	82 12 46	114 70 15	89 -19 19	83 -0.6 54	79 0.4 52	88 -2.2 49	83 2.4 26	93 27.5 64	98 -5 51	84 0 47	83 -0.98 18	108 1.38 19	101 0.03 18
KHS 240226 97840748		ZAK 210013 KHS 120235		97 66	111 51	103 48	88 45	98 26	106 44	109 52			99 12	108 35 39	95 1.46 71	107 -2.5 54	113 41 45	111 20.9 51	103 4.7 48	106 88 48	106 30.6 45	92 50 25	112 64 13	88 -18 10	103 0.5 29	95 10.0 28	99 -8.7 23	99 -0.3 13	100 31.8 42	104 0 28	102 15 26	96 0.28 11	107 1.15 12	109 0.73 11
KHS 240233 97843833	1	ZAK 210013 KHS 120363		97 67	100 53	104 50	91 46	108 32	101 46	96 54	88 24	97 42	98 12	105 31 40	99 1.05 72	97 -1.2 55	108 34 46	100 15.1 53	104 5.0 50	99 72 50	97 22.6 47	88 32 32	105 47 14	83 -9 13	95 0.1 37	89 6.5 36	99 -8.8 31	113 -2.8 18	99 31.5 46	100 -3 35	96 10 32	91 -0.20 12	109 1.46 13	105 0.34 13
KHS 240271 98083728	1	WVW 190006 KHS 120328		119 69	87 60	91 52	108 48	101 35	93 50	86 58	78 33	88 47	84 24	84 2 49	117 -0.76 74	129 -5.5 57	91 8 48	87 7.7 60	91 1.1 52	84 35 53	85 11.8 56	75 -16 46	99 34 15	78 -1 17	98 0.2 54	78 -0.3 52	95 -6.1 35	108 -2.1 21	98 30.7 50	101 -2 51	84 -1 47	76 -1.72 22	104 0.67 25	89 -0.99 22
KHS 240273 98085178	1	WVW 190006 KHS 150240		111 68	97 59	86 49	101 47	104 34	96 49	91 57	83 31	91 45	89 22	90 10 48	106 0.39 73	116 -3.7 56	98 19 47	97 13.1 59	86 -0.6 49	86 39 52	95 20.8 56	80 5 43	124 95 13	85 -12 16	93 -0.1 50	80 0.9 48	107 -12.9 34	103 -1.1 20	99 31.4 48	106 1 47	91 6 43	81 -1.23 21	108 1.27 24	92 -0.70 21
KHS 240278 98084981	1	WVW 190006 KHS 170085		123 67	88 59	90 48	98 46	102 33	93 48	84 57	84 32	89 45	90 22	94 15 47	121 -1.24 73	134 -6.2 55	101 23 46	88 8.5 59	90 0.6 48	80 24 51	88 14.6 54	80 4 44	101 39 13	81 -6 16	98 0.2 52	81 1.7 51	95 -6.0 33	109 -2.2 19	99 31.5 47	96 -6 49	85 0 44	81 -1.26 20	106 0.97 23	93 -0.67 20

Selection List on Cow Value

Bulls 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Myostatin			Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID							Q204X	nt821	F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
							<i>Italics: DNA Test</i>																							
											★★★★★																			
1	KHS 210373	KHS21-373	CRV 160335	KHS 060225	7	1.2	0	0	0		114	76	106	72	84	58	96	55	122	40	115	57	102	68	109	44	114	54	112	32
2	ZAK 210013	ZAK210013	NAC 140001	ZAK 140072	7	3.8	0	0	0		105	81	106	73	99	59	89	56	115	43	112	59	104	69	81	33	106	54	99	22
											★★★★☆																			
1	KHS 200050	KHS20-050	CRV 160335	KHS 120235	6	0.5				<td>107</td> <td>68</td> <td>111</td> <td>59</td> <td>84</td> <td>53</td> <td>87</td> <td>52</td> <td>110</td> <td>33</td> <td>106</td> <td>50</td> <td>102</td> <td>58</td> <td>115</td> <td>31</td> <td>108</td> <td>46</td> <td>111</td> <td>31</td>	107	68	111	59	84	53	87	52	110	33	106	50	102	58	115	31	108	46	111	31

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																										
							★★★★☆																			
1	KHS 120235	KHS12-235	KHS 090003	6	0.0		90	76	116	70	107	76	86	69	82	29	100	59	114	72			99	9		
2	KHS 240226	KHS24-226	ZAK 210013	KHS 120235	0.4		97	66	111	51	103	48	88	45	98	26	106	44	109	52			99	12		
3	KHS 240233	KHS24-233	ZAK 210013	KHS 120363	1.0		97	67	100	53	104	50	91	46	108	32	101	46	96	54	88	24	97	42	98	12
							★★★★																			
1	KHS 240271	KHS24-271	WVW 190006	KHS 120328	0.7		119	69	87	60	91	52	108	48	101	35	93	50	86	58	78	33	88	47	84	24
2	KHS 240273	KHS24-273	WVW 190006	KHS 150240	1.1		111	68	97	59	86	49	101	47	104	34	96	49	91	57	83	31	91	45	89	22
3	KHS 240278	KHS24-278	WVW 190006	KHS 170085	1.0		123	67	88	59	90	48	98	46	102	33	93	48	84	57	84	32	89	45	90	22
							★★★★☆																			
1	KHS 120328	KHS12-328	JJ 040013	KHS 070046	6	1.0	119	83	71	80	100	85	143	78	82	53	82	70	82	81	68	44	76	65	64	24
2	KHS 120363	KHS12-363	V 060281	KHS 090089	8	1.1	82	80	97	77	110	80	93	72	100	47	89	66	89	77	94	34	88	60	97	14
3	KHS 150240	KHS15-240	VV 110502	KHS 120324	7	1.4	110	79	89	75	89	76	130	76	87	50	89	65	93	76	78	35	84	59	75	22
4	KHS 170085	KHS17-085	KHS 120064	KHS 120328	7	7.1	128	77	74	75	97	74	124	73	83	46	83	64	80	75	80	38	79	59	77	16
							★★★																			
1	KHS 190091	KHS19-091	VV 110502	KHS 100245	6	0.6	108	75	90	73	93	70	104	71	79	46	79	62	86	72	81	34	76	56	84	18

