

BORAN

GENOMIC BREEDING VALUE REPORT

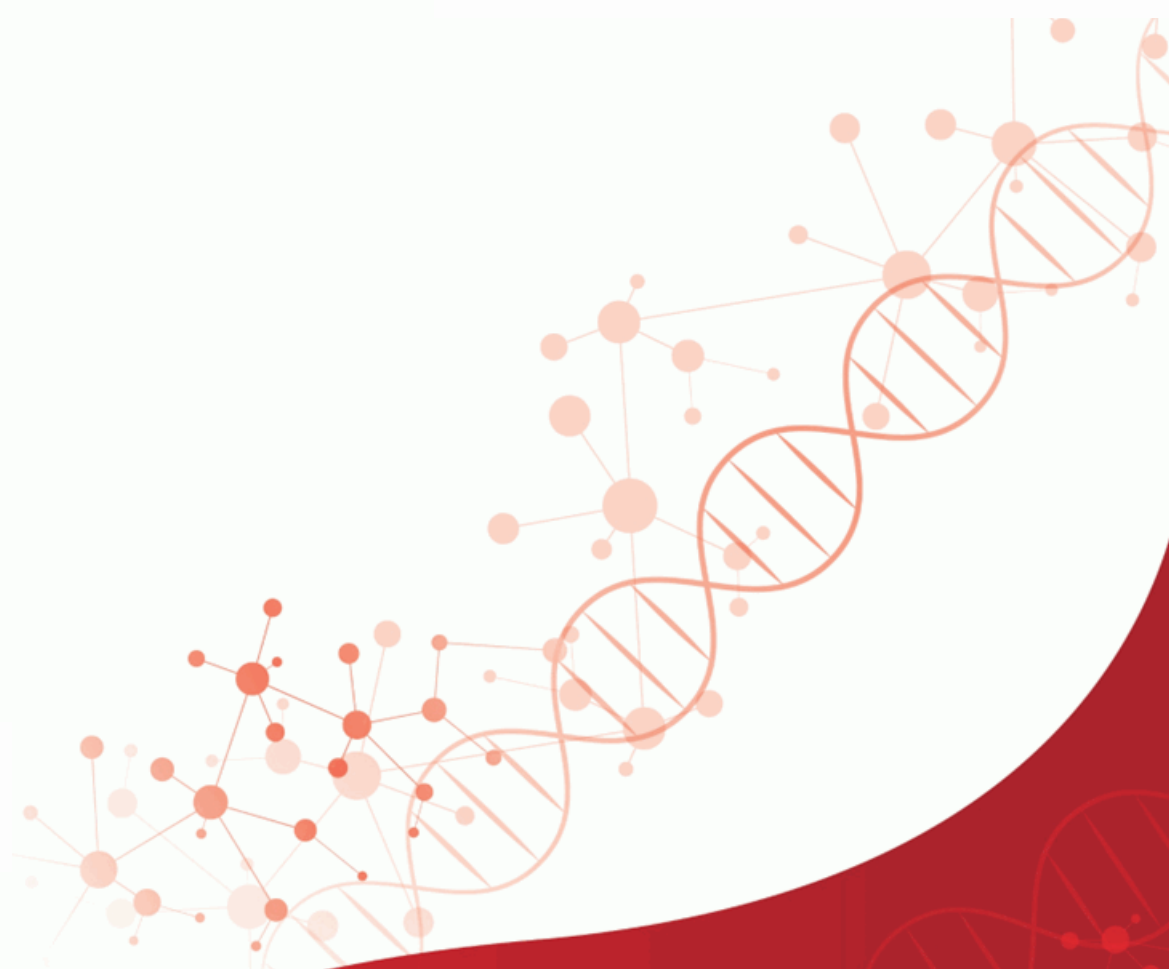
September 2026



LILI BOVIDS (PTY) LTD

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SA Stud Book's breeding value analyses are at a very high standard and are internationally accredited. The models were adjusted to enable a more precise determination of current breeding values.

Genomic Breeding Values (GEBVs)



Genomically analyzed animals are marked with the accompanying logo. Older animals with accurate breeding values (Reference Population) are used to determine the relationship between the SNP markers and the breeding values, which are unique to each breed. Production measurements, pedigrees and genomic information are used to estimate Genomic Breeding Values (GEBVs). Genomically tested young animals therefore have extra information with which breeding values can be estimated especially for complex traits such as fertility and milk.

 Parentages can be determined very accurately with 50 000 markers, instead of the 15-30 markers with previous DNA tests, provided that the parent has also been genomically tested. Parentages are indicated as follows in this report:

- ☐ The parent has not been tested, and the parentage cannot therefore be confirmed genomically.
- ☒ Parentage is genomically correct
- ☒ Parentage conflict. If the correct parent has been genomically tested, SA Studbook will contact you. If the breeder of the animal confirms that the genomically designated parent was also on the farm at the time of mating, the parentage can be corrected. Please work extremely carefully when collecting and marking hair samples, otherwise the test must be repeated. If there are any queries, please contact Jason Reding at jason@studbook.co.za

Update to the Evaluation

Best scientific practice and technological improvements have made it possible to update the Genomic Evaluation as follows:

1. **Previous Calf:** A cow whose previous calf died or was not weaned will have its cow fertility and current calf's weaning weight penalized.
2. **The age adjustment** is within the contemporary group for weaning weight and growth traits instead of across the breed as before. This adjustment may affect some herds more than others.
3. **Mature Weight EBV/Maintenance Value** uses all of the cow's weights at weaning as a repeated measurement, not just the first 3 measurements as before. The EBV appears as Cow Weight Weaning on the report.

New breeding values

- **Cow weight at birth of the calf**
- **Cow weight at weaning of the calf**
- **Cow-Calf Ratio at birth of the calf.** The Cow-Calf ratio is calculated with breeding values.
- **Cow-Calf Ratio at weaning of the calf.** The Cow-Calf ratio is calculated with breeding values.
- **Veld growth breeding value:** The growth rate and adaptability from weaning to year or 18 months for animals in Phase B on the veld.
- **Skin thickness:** Skin thickness is an indication of adaptation, where thicker skins protect the animal more against ticks as well as heat (due to an increase in blood vessels in the skin)



EBVs, EBVi's and GEBVs

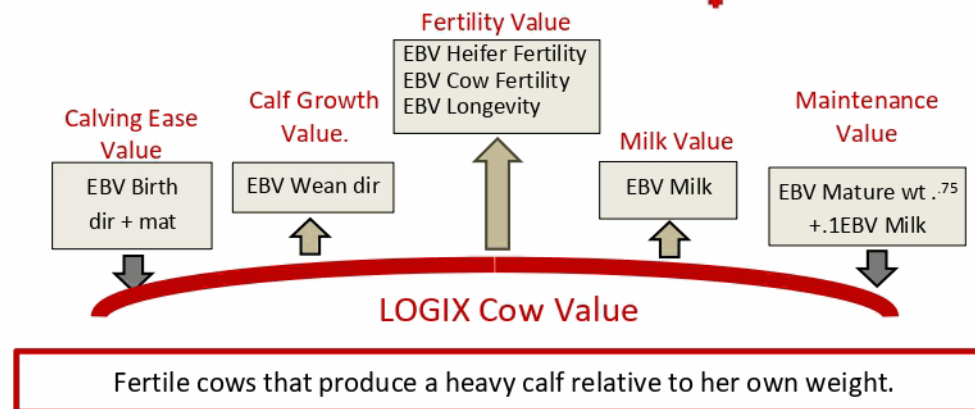
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100 tend to be in the more favourable direction.

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.

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

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.

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

GROWERS

(GOOD ENVIRONMENT)

- Calf Growth / Growth Value > 120
- Cow Value and Fertility Value average to high

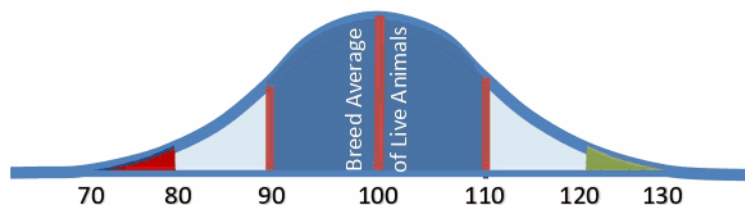
Growers are usually heavier at birth (lower Calving Ease Value), and maturity (lower Maintenance Value).

LOW- MAINTENANCE ANIMALS

(HARSH ENVIRONMENT)

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

Interpretation of EBVi and Selection Values

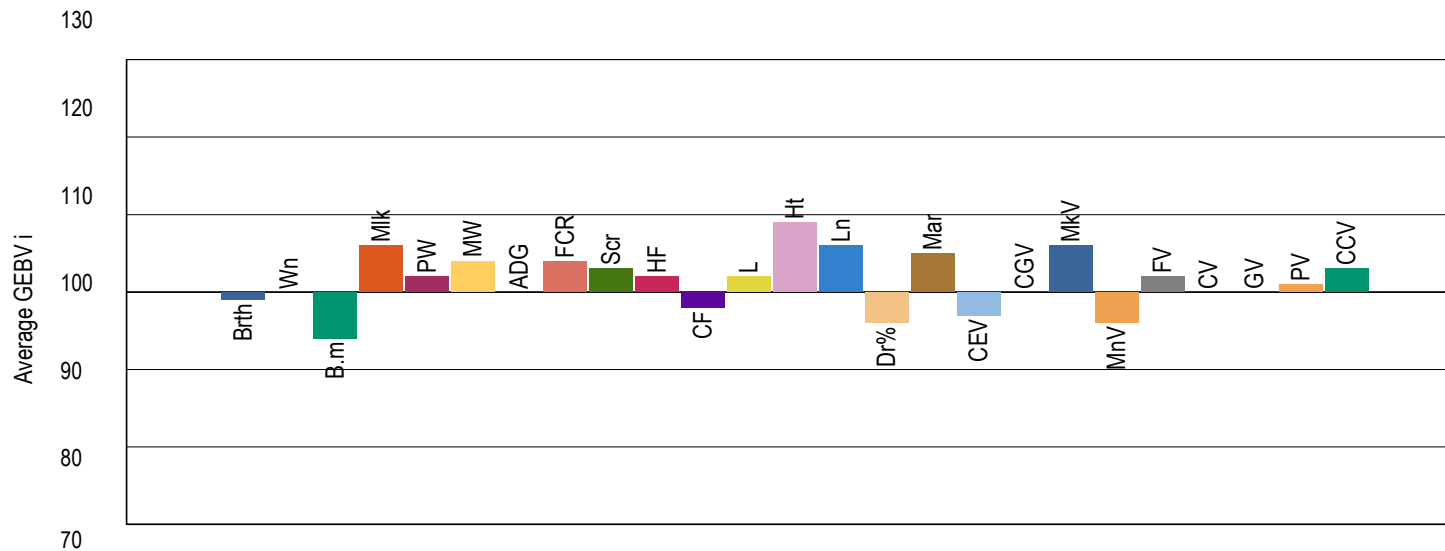


Examples

Type of Animal	Cow Value	Calving Ease V	Calf Growth 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	High Value	Low 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)	Profitable cows	Loss	Profit
	Growth Value	Efficient growth on veld and in feedlot (Rand-value)	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	Thick	Thin
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	<1	>1
Carcass	Eye Muscle Area	RTU Eye muscle area	Bigger steaks	Small	Big
	Fat	RTU P8 Backfat Thickness	Carcass quality	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	Dr%:	Dressing%
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
GV:	Growth Value
PV:	Production Value
CCV:	Carcass Value

	Trait	EBV Herd	EBVi Herd	EBV Breed
Prewean Growth	Birth Weight	0.43	99	0.35
	Wean Weight	1.3	100	1.3
	Birth Mat.	-0.04	94	-0.21
	Milk (Wn.Mat.)	2.0	106	0.5
Postwean Growth	Postwean Wt	4.9	102	4.0
	Mature Weight	10	104	7
	ADG	-3	100	-3
	FCR	-7	104	0
Fertility	Scrotal Circumf.	3.4	103	2.0
	Heifer Fertility	-2.2	102	-1.0
	Cow Fertility	0.2	98	-0.1
	Longevity	32.4	102	30.6
Frame	Height	7	109	2
	Length	5	106	1
Carcass	Dressing%	-0.05	96	0.00
	Marbling	0.09	105	-0.23

Selection Value	Ave. Herd
Calving Ease	97
Calf Growth	100
Milk	106
Maintenance	96
Fertility	102
Cow Value	100
Growth Value	100
Production Value	101
Carcass Value	103

- 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?:

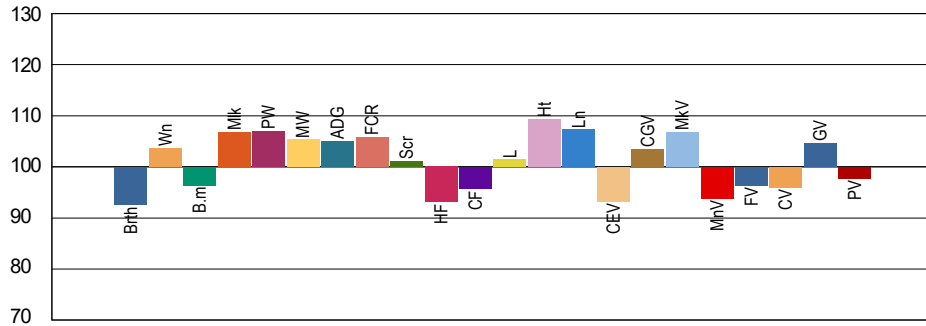
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

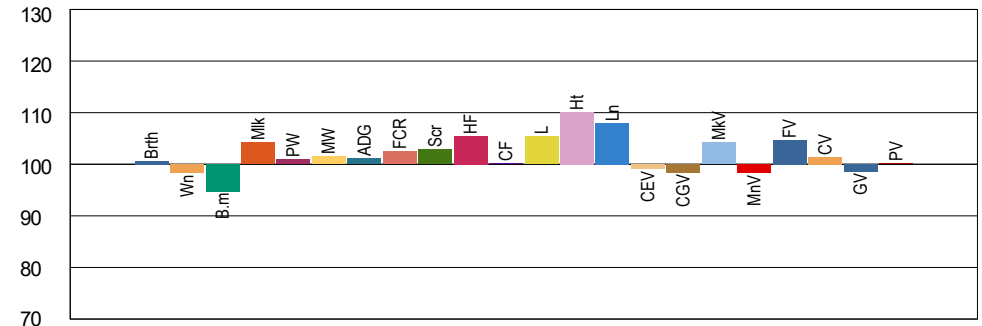
Total: 7



Cow Herd

Cows born in 2024 and earlier

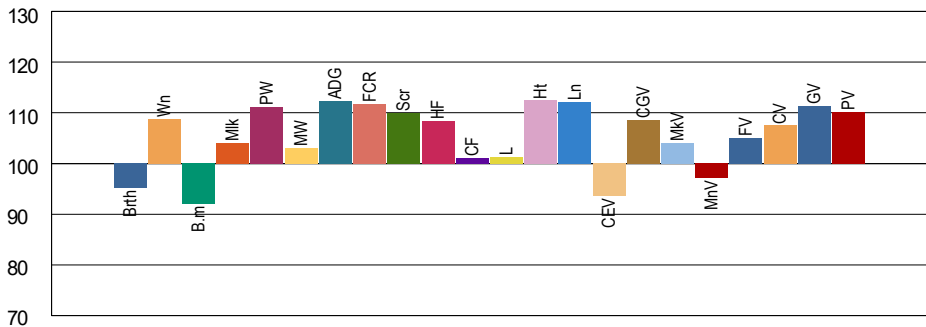
Total: 54



Sires of young animals

Sires of animals 3 years and younger

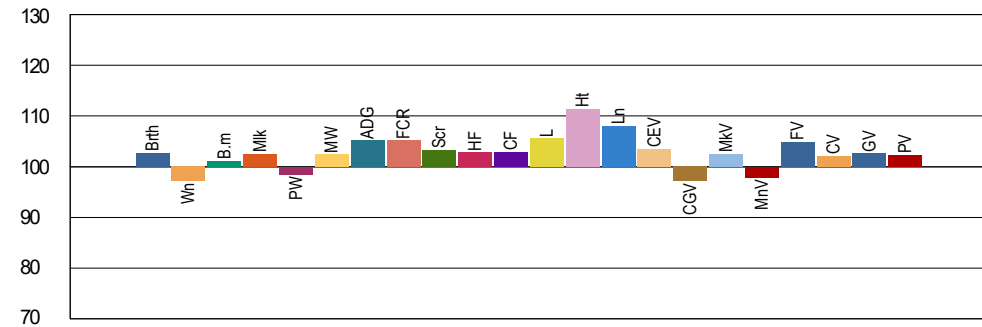
Total: 8



Cows older than 6 years

Cows born in 2020 and earlier

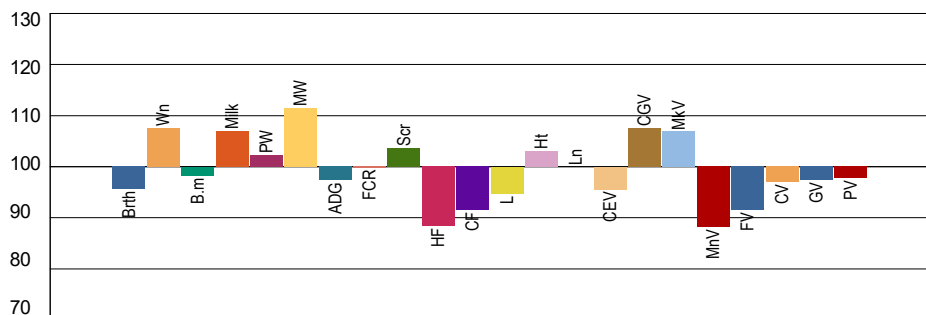
Total: 22



Bull calves

Bulls born in 2025

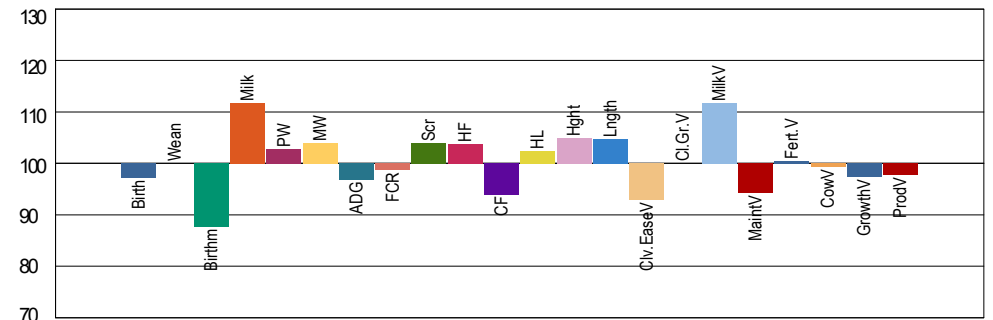
Total: 8



Heifer calves

Heifers born in 2025

Total: 11

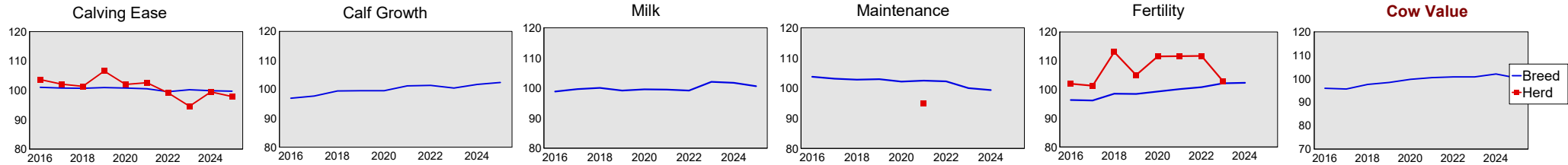


Summary of Cow Herd

			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	100	100	100	100	100	100	100	100	100	100	100	100
2014	3	★★★★	101	93	98	100	96	90	108	94	99	93	101	98	96	101	110	109	104	97	99	99	115	109
2015	1	★★★★★	124	84	105	117	107	114	117	118	127	84	93	105	89	85	125	126	129	116	105	97	110	111
2016	4	★★★★☆	110	95	108	102	106	109	99	107	108	95	106	108	96	97	101	100	106	101	107	102	106	106
2017	4	★★★★	103	95	102	92	103	95	96	94	102	95	101	102	96	108	98	98	90	99	101	107	109	103
2018	2	★★★★	96	93	110	88	112	96	99	96	98	93	94	110	98	112	96	93	88	105	103	118	116	108
2019	2	★★★★★	108	102	104	102	107	113	105	113	106	102	103	104	102	100	110	116	117	111	103	101	113	110
2020	6	★★★★☆	99	105	99	96	107	105	105	105	98	105	101	99	104	104	108	109	106	103	104	109	113	111
2021	6	★★★★☆	99	99	103	92	111	101	102	101	100	99	95	103	100	108	105	106	99	109	107	107	116	110
2022	7	★★★★☆	100	98	100	100	110	104	93	100	100	98	96	100	100	99	97	102	101	105	108	108	106	102
2023	10	★★★★☆	91	100	111	100	102	100	97	99	96	100	85	111	105	100	98	97	105	108	94	105	109	110
2024	9	★★★★☆	98	100	105	101	100	100	93	97	101	100	89	105	103	99	96	99	105	107	90	103	108	109
2025	11	★★★★	93	100	112	94	101	99	97	98	97	100	88	112	103	104	97	99	104	104	94	102	105	105
2026	2	★★★☆☆	95	96	118	97	82	86			99	96	88	118	91	101	85	86	102	86	84	78	100	91
Cows in Herd Average:			101	97	106	99	103	101	101	102	102	97	95	106	99	101	102	101	104	104	100	103	110	107

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.



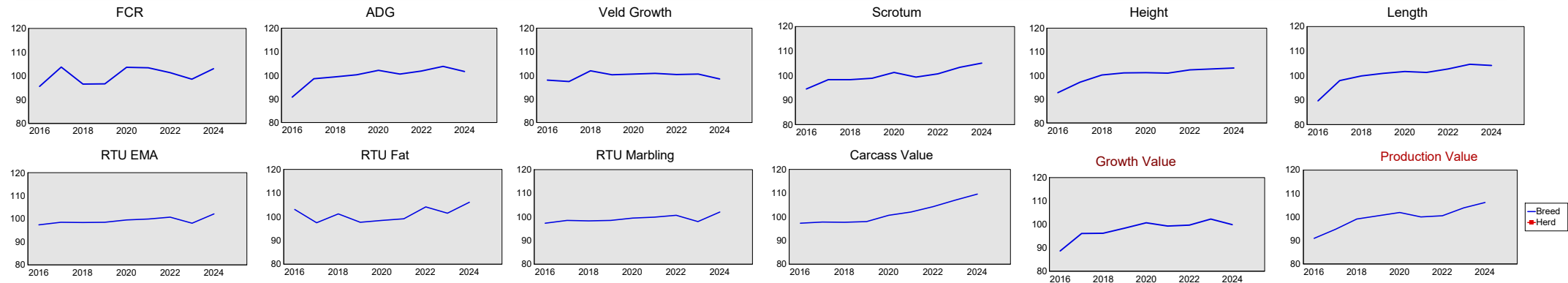
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility						Cow Value
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Milk	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		
2016	8	0.11	-0.30	104												7	-1.2	5	-0.8	11	24.0	102	
2017	16	0.21	-0.15	102												3	2.1	1	-2.4	17	22.6	101	
2018	12	0.23	-0.12	101												3	-5.0	2	-0.5	12	26.8	113	
2019	15	-0.14	-0.09	107												3	-8.0	3	0.0	16	18.6	105	
2020	20	0.16	-0.10	102												4	-5.9	3	-0.5	19	25.7	112	
2021	7	0.12	-0.07	103									1	8	95	5	-7.2	4	-0.8	8	34.0	112	
2022	19	0.43	-0.15	99												6	-3.8			3	22.8	112	
2023	12	0.41	0.16	95												5	-5.6					103	
2024	22	0.15	0.07	99																			
2026	7	0.27	0.07	98																			

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.)		Milk	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		
2016	5443	0.25	-0.17	101	1281	0.3	97	1281	0.23	99	592	1.5	529	4	104	2172	-0.3	1452	-0.1	9930	20.4	96	96
2017	5493	0.27	-0.18	101	1761	0.5	98	1761	0.42	100	648	2.4	645	5	103	2363	0.4	1709	0.1	9984	21.7	96	96
2018	5384	0.28	-0.21	101	1835	1.1	99	1835	0.52	100	828	3.5	705	5	103	2244	-0.6	1771	-0.3	10164	23.4	99	98
2019	6007	0.27	-0.21	101	1830	1.1	100	1830	0.31	99	1030	3.8	813	4	103	2427	-0.7	1951	0.0	10086	24.2	98	98
2020	6058	0.28	-0.21	101	2614	1.2	100	2614	0.41	100	1350	4.0	812	5	102	2473	-0.5	1903	-0.3	9714	25.5	99	100
2021	6281	0.32	-0.24	101	2943	1.7	101	2943	0.38	99	1176	4.8	847	5	102	2722	-1.0	1752	-0.1	9450	26.3	100	101
2022	7027	0.38	-0.21	100	3201	1.7	101	3201	0.30	99	1254	5.4	769	3	102	2616	-1.7	603	-0.4	4191	25.3	101	101
2023	7776	0.34	-0.22	100	3889	1.5	100	3889	0.99	102	1553	4.8	92	4	100	1264	-1.9	7	1.3			102	101
2024	8885	0.37	-0.21	100	3974	1.9	102	3974	0.92	102	1552	5.1			99	13	-1.1					102	102
2025	9169	0.38	-0.20	100	3793	1.9	102	3793	1.13	103	219	5.6			98								103
2026	4059	0.36	-0.18	100	96	2.1	102	96	0.67	101													100

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																												
2018																												
2019																												
2020																												
2021																												
2022																												
2023																												
2024																												
2026																												

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	19	-7	104	176	-5	99	447	-10	97	174	1.1	98	175	0	97	175	-1	98	118	-0.22	96	-0.31	98	-0.32	99	98	96	95	
2018	48	7	97	375	-4	99	458	-3	102	379	1.1	98	375	2	100	375	1	100	240	0.07	101	0.05	101	-0.33	98	98	96	99	
2019	37	7	97	455	-3	100	563	-6	100	432	1.4	99	456	3	101	462	1	101	348	-0.01	100	-0.29	98	-0.32	99	98	98	101	
2020	28	-7	104	580	0	102	722	-5	101	525	2.6	101	584	3	101	590	2	102	448	0.05	100	-0.22	99	-0.26	100	101	101	102	
2021	40	-6	103	557	-3	101	642	-5	101	537	1.7	99	557	2	101	560	1	101	331	0.16	102	-0.15	99	-0.24	100	102	99	100	
2022	67	-2	101	476	-1	102	795	-5	100	491	2.3	101	494	3	102	494	2	103	316	0.23	103	0.34	104	-0.19	101	104	100	101	
2023	29	3	99	476	2	104	1016	-5	101	510	3.7	103	508	3	103	510	3	105	195	0.59	109	0.08	102	-0.35	98	107	102	104	
2024	10	-6	103	476	-1	102	927	-8	99	463	4.6	105	462	4	103	463	3	104	159	0.55	108	0.52	106	-0.11	102	110	100	106	
2025	6	-2	101	12	4	105	188	-4	101	12	7.3	110	12	3	102	12	2	103	12	-0.11	98	0.23	103	0.07	105	104	104	102	
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	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	Dress %	Nr measured		
ID Comp.nr																																		Birth	Wean	Grwth Test
B 040001 62885686		KPO1017 Z7F2773	97	114	132	103	69	106	92	102	138	111	97	94	94	114	132	139	118	98	95	85	82	109	94	52	97	116	131	109	131	127	113	145	13	
			98	95	96	96	89	85	89	86	83	15	0.55	0.2	2	6.0	8.2	73	13.7	-7	-14	31	-0.52	6.7	2.8	8.8	28.0	11	19.7	0.58	2.97	1.35	0.18	14	76	192
B 050072 63023592		K6K3094 Z7F108	91	109	109	114	98	112	133	122	128	93	101	75	88	109	109	119	110	133	65	131	61	122	127	84	82	122	121	114	95	124	113	55	5	
			93	75	75	75	73	71	54	66	52	0	0.27	2.0	-3	4.2	2.6	29	9.7	46	-59	-61	-1.42	13.3	-18.1	2.9	16.3	15	13.9	0.91	-0.61	1.17	0.17	1	10	15
BU 130054 80219173		MHB 060030 MHB 050012	76	135	95	100	83	104	136	117	109	119	71	103	99	135	95	120	128	125	115	143	105	80	76	89	98	124	122	109	77	99	105	55	43	
			90	90	75	78	69	74	78	75	58	22	2.23	-0.6	6	12.6	-0.7	32	19.7	34	17	-85	0.45	-8.2	14.3	1.9	29.1	16	14.3	0.59	-2.28	-0.30	0.07	14	9	13
DLV 100008 70913660		B 040042 CFH 070220	92	115	94	80	88	88	132	101	115	126	86	109	124	115	94	96	116	128	102	125	119	102	77	94	95	129	124	98	93	82	97	23	9	
			84	73	62	64	62	63	46	58	42	28	1.25	-1.2	28	6.3	-1.0	-22	12.6	38	-3	-49	1.03	2.8	14.0	1.0	26.2	19	15.3	-0.14	-0.79	-1.30	-0.03	1	1	
DLV 100054 73090417		B 070002 DLV 080001	112	90	112	98	96	98	141	113	115	104	113	103	99	90	112	102	96	140	104	137	100	119	104	100	90	136	128	107	110	109	109	11		
			80	53	56	58	55	55	36	49	30	9	-0.51	-0.7	6	-2.1	3.2	-8	1.5	56	0	-73	0.22	11.6	-3.3	-0.1	22.7	23	18.0	0.49	0.92	0.29	0.11			
E 110065 73691321		HVT 040018 E 080028	94	91	116	83	114	95	98	94	95	110	97	100	118	91	116	99	103	97	132	90	106	81	105	119	103	111	103	95	103	106	96	6	4	
			72	69	65	64	57	59	40	53	32	15	0.58	-0.4	23	-1.7	4.3	-16	5.7	-8	42	20	0.48	-7.5	-4.1	-3.5	32.9	8	2.3	-0.29	0.18	0.10	-0.05	1	1	
E 110106 73689952		HVT 040018 E 080057	99	92	108	89	109	95	100	95	100	107	100	102	110	92	108	97	96	101	103	93	104	80	104	109	97	115	105	98	95	109	97			
			60	60	60	60	54	53	40	49	32	12	0.37	-0.5	16	-1.4	2.5	-20	2.0	-2	-1	15	0.41	-8.0	-3.6	-1.8	28.1	11	3.7	-0.11	-0.56	0.27	-0.03			
E 110119 73471682		HVT 040018 E 080051	96	87	118	88	123	102	101	102	104	103	102	95	111	87	118	101	96	100	108	92	111	91	117	114	118	115	108	102	101	102	102	22		
			83	63	66	65	62	61	40	55	32	9	0.26	0.1	16	-2.9	4.8	-11	1.8	-3	7	16	0.69	-2.6	-12.0	-2.7	44.7	11	5.6	0.13	0.00	-0.13	0.03	1	3	
FN 110229 79471462		FN 050028 FN 040023	89	122	91	95	150	142	138	150	137	118	94	89	104	122	91	106	122	137	78	128	127	134	139	151	115	124	129	132	119	97	134	125	78	
			98	96	94	94	94	86	94	88	93	22	0.77	0.7	11	8.4	-1.7	-1	16.4	52	-40	-55	1.36	19.0	-26.1	-9.6	42.2	16	18.7	2.15	1.76	-0.43	0.44	15	12	18
FN 110335 80019441		FN 050028 FN 050371	104	97	106	94	113	108	117	113	112	113	102	122	104	97	106	102	98	120	71	101	140	109	114	104	107	90	91	105	121	132	108	122	178	
			95	97	89	90	75	81	90	84	74	18	0.20	-2.5	10	0.4	2.0	-10	2.7	27	-50	-1	1.91	6.8	-9.9	-0.7	36.0	-4	-4.7	0.32	1.96	1.65	0.10	45	37	82
GE 190039 89411573		FN 110335 GE 160033	108	77	110	101	104	91	103	92	101	101	108	101	96	77	110	94	84	99	75	78	110	86	102	106	99	86	83	86	114	132	89	1		
			86	85	85	85	84	77	85	79	82	7	-0.18	-0.5	4	-6.2	2.9	-27	-4.8	-5	-43	44	0.67	-5.0	-2.0	-1.2	30.0	-6	-9.7	-0.89	1.32	1.68	-0.14			
LBV 130002 78001526		DLV 100017 DLV 100038	103	110	87	116	92	109	101	108	97	89	103	94	87	110	87	103	113	107	122	113	73	104	108	83	101	109	109	89	98	118	89	5		
			70	52	51	52	48	50	42	48	40	-3	0.18	0.2	-5	4.5	-2.5	-7	11.1	7	28	-26	-0.89	3.8	-5.8	3.2	31.2	7	6.1	-0.71	-0.27	0.85	-0.13			
LBV 190002 89079750		E 110119 LBV 160003	103	94	110	93	115	105	94	102	101	102	105	100	105	94	110	101	96	96	99	95	109	101	104	110	119	111	106	101	98	102	101	3		
			66	36	38	38	43	40	25	36	20	9	0.00	-0.3	12	-0.8	2.8	-11	1.9	-10	-8	10	0.60	2.3	-3.5	-1.9	45.6	8	4.3	0.07	-0.29	-0.10	0.01			
LBV 200042 91801282		E 110119 LBV 150012	108	93	115	88	113	106	113	110	107	110	109	106	110	93	115	102	99	114	112	112	104	103	108	109	110	123	117	102	97	100	101	1		
			66	36	37	37	38	39	24	34	19	15	-0.22	-0.9	16	-1.0	4.0	-8	3.3	17	12	-24	0.41	3.3	-5.8	-1.7	39.0	15	11.3	0.14	-0.41	-0.22	0.02			

Sires

Bull				Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass				Progeny		
Index EBV Acc	Genomic	Sire ID Dam ID	Comp.nr	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	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	Dress %	Nr measured		
ID																																			Birth	Wean	
																																				Grwth Test	Dght&clv (Weaned)
PRB 180051 87892717		B 040001 PRB 140032		76	102	124	94	87	85	82	80	124	114	89	71	104	102	124	119	112	80	101	78	122	103	105	68	102	104	112	95	135	122	101	26	1	
				95	93	93	93	93	84	93	87	92	18	1.06	2.4	10	1.9	6.3	28	10.4	-33	-4	45	1.17	3.6	-3.8	5.9	32.4	4	7.8	-0.34	3.36	1.05	0.01			
PRB 210073 92913946		BU 130054 BU 180119		81	146	98	78	84	108	138	121	122	142	67	104	127	147	98	117	144	142	78	155	99	135	71	88	107	119	124	114	92	75	113	1		
				87	87	85	85	84	77	86	80	83	42	2.50	-0.8	31	16.6	0.0	24	28.3	60	-39	-108	0.21	19.6	17.5	2.2	36.4	13	15.2	0.94	-0.85	-1.69	0.16			
SPJ 110122 74699802		Z 060051 SPJ 090022		93	110	98	91	112	107	82	98	91	100	90	100	108	110	98	101	105	86	95	99	108	93	106	119	94	112	102	93	81	114	90	26		
				95	92	92	92	93	84	92	86	92	7	0.97	-0.4	14	4.5	-0.1	-10	6.6	-24	-13	3	0.57	-1.5	-4.6	-3.6	26.0	9	1.9	-0.47	-1.93	0.63	-0.12			

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	Growth	EMA	Fat	Marbling	Dress %	Carcass
Test Station		ID	Dam ID	Value	dir	wt			Height					Value	Eye muscle				Value
202001 D11 M		0662153BOR																	
GERRIT POTGIETER FAMILIE TRUST		GE 190039 89411573	FN 110335 GE 160033	91	77	95	83	86	100	86	64	99	78	103	86	114	132	89	101
				77	85	85	-10	-6	1.11	-5.0	0.26	-5	44	85	-0.89	1.32	1.68	-0.14	82
202201 D21 M		0591151MIX																	
PEINKE RANCH		PRB 210073 92913946	BU 130054 BU 180119	108	147	129	124	119	102	135	112	142	155	138	114	92	75	113	122
				77	87	86	15	13	1.11	19.6	-0.07	60	-108	86	0.94	-0.85	-1.69	0.16	83
202501 D11 M		0591151BOR																	
PEINKE RANCH		PRB 240033 97126064	FN 110229 W 130207	133	123	136	137	139	86	110	76	139	133	138	110	100	114	110	134
				52	58	64	24	24	1.09	6.9	0.18	54	-65	63	0.65	-0.07	0.62	0.13	41

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

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Animal					Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass				
ID	Inbreeding	Genomic	Index	Sire ID	Calv. Ease V	Calv 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 wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Yeld growth	FCR	Skin Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %	
Animal no	%	Parentage	EBV Acc	Dam ID																																	
LBV 180011	3	SPJ 110122		LBV 130001	95	99	101	97	108	100	97	87	95	87	97	97	94	101	99	101	100	100	93	104	103	91	90	95	116	99	117	106	75	84	105	74	
89208292					86	84	84	84	83	76	84	83	78	82	83	86	85	84	84	84	84	83	83	82	82	83	83	83	82	85	83	83	-1.62	-1.61	0.07	-0.33	
LBV 180048		DLV 100008		FN 080228	107	92	90	96	95	86	86	109	91	90	103	100	111	103	92	90	85	97	109	102	113	100	91	84	103	96	116	106	81	90	87	81	
88573852					66	44	40	41	40	43	47	30	39	26	9	0.35	-1.5	10	-1.3	-1.9	-45	2.5	11	-2	-26	0.3	-2.7	9.3	-0.7	27.4	11	4	-1.20	-1.09	-0.98	-0.24	
					40	69	56			41	44	40	42		40	69	56	41	44	40	42	30	30	15	14	33	32	40	28	53	31	29	25	28	26	26	
PRB 180051	6	B 040001		PRB 140032	76	102	124	94	87	85	105	82	80	124	114	89	71	104	102	124	119	112	80	101	78	122	103	105	68	102	104	112	95	135	122	101	
87892717					95	93	93	93	93	84	93	93	87	92	18	1.06	2.4	10	1.9	6.3	28	10.4	-33	-4	45	1.2	3.6	-3.8	5.9	32.4	4	8	-0.34	3.36	1.05	0.01	
					93	95	94			93	93	93	87	92	93	95	94	93	93	93	93	93	93	92	92	93	93	93	92	94	93	92	92	92	92	92	
GE 190039	2	FN 110335		GE 160033	108	77	110	101	104	91	82	103	92	101	101	108	101	96	77	110	94	84	99	75	78	110	86	102	106	99	86	83	86	114	132	89	
89411573					86	85	85	85	84	77	85	85	79	82	7	-0.18	-0.5	4	-6.2	2.9	-27	-4.8	-5	-43	44	0.7	-5.0	-2.0	-1.2	30.0	-6	-10	-0.89	1.32	1.68	-0.14	
					83	86	86			85	85	85	85	85	83	86	86	85	85	85	85	84	85	82	81	88	87	84	82	86	86	85	82	83	82	82	
LBV 210021	1	SPJ 110122		LBV 130003	101	106	111	103	106	115	114	114	118	98	91	97	100	95	106	111	115	105	115	99	120	99	107	96	110	103	114	110	99	83	107	97	
92602291					85	83	83	83	83	75	83	82	77	82	-1	0.52	-0.4	2	3.2	3.1	21	6.5	20	-7	-39	0.2	5.3	1.6	-1.9	33.1	10	7	-0.05	-1.69	0.17	-0.04	
					82	85	84			82	83	83	83	83	82	85	84	83	83	83	83	82	82	81	81	82	82	83	82	84	82	82	82	82	82	82	82
PRB 210073	4	BU 130054		BU 180119	81	146	98	78	84	108	137	138	121	122	142	67	104	127	147	98	117	144	142	78	155	99	135	71	88	107	119	124	114	92	75	113	
92913946					87	87	85	85	84	77	86	86	80	83	42	2.50	-0.8	31	16.6	0.0	24	28.3	60	-39	-108	0.2	19.6	17.5	2.2	36.4	13	15	0.94	-0.85	-1.69	0.16	
					85	88	86			85	87	85	86		85	88	86	85	87	85	86	86	85	91	82	88	87	84	82	86	86	85	83	83	83	83	
LBV 230032	1	PRB 180051		LBV 200032	85	102	113	88	91	87	100	99	87	113	114	90	90	111	102	113	107	107	97	101	94	116	96	99	79	104	109	110	92	115	112	95	
95463212					60	38	36	36	34	38	41	29	35	26	18	0.99	0.6	16	1.9	3.6	2	8.0	-8	-4	13	0.9	0.2	-0.5	3.8	34.1	7	7	-0.49	1.43	0.46	-0.06	
					34	66	50			36	38	36	37		34	66	50	36	38	36	37	30	29	18	19	31	30	34	24	44	30	28	26	27	26	26	
PRB 240033		FN 110229		W 130207	80	123	105	84	145	133	116	138	143	134	124	85	90	117	123	105	112	122	139	85	133	114	110	130	145	111	139	137	110	100	114	110	
97126064					70	58	54	55	48	52	59	63	55	41	27	1.35	0.6	22	8.9	1.7	12	16.2	54	-28	-65	0.8	6.9	-20.4	-8.5	39.4	24	24	0.65	-0.07	0.62	0.13	
					53	73	64			55	58	54	56		53	73	64	55	58	54	56	50	61	42	20	49	45	51	36	58	46	41	39	43	39	41	
LBV 250004	1	PRB 180051		LBV 200032	83	103	113	88	91	87	101	99	88	113	114	88	89	111	103	113	108	109	97	101	94	116	96	99	79	104	109	110	92	115	112	95	
99009102					52	38	36	36	34	36	40	29	34	26	18	1.12	0.7	16	2.4	3.7	4	8.7	-8	-4	13	0.9	0.2	-0.5	3.8	34.1	7	7	-0.49	1.43	0.46	-0.06	
					34	55	46			36	38	36	37		34	55	46	36	38	36	37	30	29	18	19	31	30	34	24	44	30	28	26	27	26	26	
LBV 250011	4	PRB 210073		LBV 200002	96	129	89	86	97	110	119	128	119	115	125	91	115	116	129	89	104	122	133	89	138	100	124	83	103	107	117	121	108	89	85	106	
99009144					49	43	34	35	32	36	42	36	36	24	27	0.95	-1.8	21	10.7	-2.1	-5	16.2	46	-22	-76	0.2	14.3	10.2	-0.7	35.9	12	14	0.54	-1.11	-1.13	0.08	
					34	51	44			35	43	34	37		34	51	44	35	43	34	37	34	35	43	14	41	39	33	22	42	38	33	23	24	23	24	
LBV 250022	1	PRB 210073		LBV 160008	95	120	105	91	96	111	121	116	115	110	116	92	102	107	120	105	114	117	118	94	123	102	123	89	99	107	106	110	107	93	93	106	
99436750					48	42	34	35	32	35	41	34	35	22	19	0.87	-0.5	13	8.0	1.7	18	13.5	23	-16	-45	0.3	13.6	6.0	0.1	36.2	6	7	0.46	-0.78	-0.68	0.07	
					33	48	43			35	42	34	37		33	48	43	35	42	34	37	34	34	43	13	41	39	33	22	42	37	33	22	23	22	22	
LBV 250028	4	PRB 210073		LBV 190040	89	134	103	79	94	111	128	125	118	116	132	81	109	124	134	103	114	128	129	93	137	101	125	87	93	105	120	122	109	85	84	107	
99436792					47	41	32	33	32	34	39	34	34	23	33	1.58	-1.2	28	12.4	1.3	18	19.4	40	-16	-74	0.3	14.5	7.1	1.1	34.9	14	14	0.61	-1.57	-1.15	0.09	
															32	47	42	33	41	32	35	33	34	43	14	38	32	22	41	37	33	22	24	22	23		

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

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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	Yeld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
				Sire ID	Dam ID																																
LBV 250033	99941171		LBV 200004			103	96	106	92	82					80	95	105	100	106	96	106	99	87	72	110	78	83	94	83	82	85	91	84	83	78	76	81
						34	16	16	16	20					12	3	0.04	-0.4	12	-0.1	1.9	-15	-3.3	-45	9	44	-0.5	-0.9	9.8	3.2	18.3	-3	-9	-1.09	-2.17	-1.64	-0.24
																15	34	28	16	16	16	16	14	13	6	6	14	14	22	12	25	13	12	11	12	11	12
LBV 250035	99941114		LBV 170042			110	82	118	90	92	85	88			81	96	114	102	108	82	118	98	78	81	104	78	88	94	93	91	85	94	83	86	77	82	83
						36	19	19	19	20	21	22			10	3	-0.58	-0.6	14	-4.7	4.9	-17	-8.1	-32	0	43	-0.3	-1.2	3.3	1.7	18.8	-2	-10	-0.90	-2.28	-1.31	-0.21
																17	35	30	19	19	19	19	14	12	8	5	13	13	19	13	29	13	12	9	11	10	10
LBV 250037	99941122		LBV 170001			92	102	112	83	92	88	100			86	105	93	101	118	102	112	103	91	79	102	77	86	82	88	93	85	96	89	90	68	79	86
						32	19	19	18	20	20	21			8	11	0.82	-0.5	22	1.9	3.3	-7	-0.8	-34	-4	47	-0.4	-7.0	6.6	1.3	18.7	-1	-6	-0.63	-3.18	-1.46	-0.18
																15	29	28	18	19	19	19	16	11	9	5	12	12	21	12	28	12	11	8	9	8	8
LBV 250039	99941148		LBV 200010			96	95	109	96	88	87	97			77	88	101	92	102	95	109	103	86	70	100	73	93	91	85	92	80	92	81	84	77	79	81
						36	18	19	19	20	21	21			12	-4	0.29	0.4	8	-0.3	2.6	-6	-3.9	-47	-6	54	-0.1	-2.7	8.4	1.4	14.1	-3	-11	-1.02	-2.35	-1.47	-0.24
																17	36	30	19	18	19	19	14	14	7	8	15	15	20	13	28	15	14	12	13	12	12
LBV 260007	6020677495		LBV 230019			93	97	112	89	97	90	97			84	96	96	96	110	97	112	103	89	78	108	82	93	89	91	101	84	102	88	87	76	82	84
						48	17	17	17	21	22	22			12	3	0.63	0.0	16	0.4	3.2	-7	-2.2	-36	6	37	-0.1	-3.8	4.9	-0.3	17.8	3	-7	-0.81	-2.43	-1.30	-0.20
																15	57	35	17	17	17	17	14	13	7	8	14	14	23	13	26	14	13	11	12	11	12
LBV 260008	6020677503		LBV 230008			98	92	115	89	95	88	94			90	100	102	97	109	92	115	102	87	73	101	73	81	99	97	91	83	91	87	87	82	84	85
						51	23	21	21	22	26	27			16	7	0.21	-0.1	15	-1.3	4.1	-8	-3.2	-44	-5	54	-0.5	1.7	0.8	1.5	16.5	-3	-7	-0.85	-1.79	-1.18	-0.19
																21	60	38	21	23	21	22	17	16	10	10	18	17	24	14	27	17	16	15	16	15	16
LBV 260009	6020677511		LBV 160006			107	94	114	86	86	88	97			92	103	105	109	114	94	114	101	86	88	105	89	87	94	81	92	80	98	93	90	77	75	87
						53	23	20	21	23	26	27			14	9	0.02	-1.3	19	-0.7	3.9	-10	-3.8	-21	1	23	-0.3	-1.2	11.2	1.3	14.2	1	-4	-0.65	-2.34	-1.74	-0.16
																20	60	40	21	23	20	21	15	15	8	8	16	16	24	15	31	16	15	14	15	14	14

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
Animal no	%	Parentage	Sire ID Dam ID																																
LBV 140011 80245640		DLV 100054 DLV 110049		88 90	104 83	103 83	91 83	82 84	81 76	99 84	122 82	92 78	115 81	112 17	88 1.13	94 0.2	108 14	104 2.7	103 1.2	102 -8	104 6.1	123 30	89 -23	119 -38	96 0.1	111 7.8	88 6.9	82 3.3	98 28.8	131 20	125 16	97 -0.17	113 1.24	98 -0.34	100 0.00
LBV 140013 80245657		E 110065 E 11B200		82 85	105 81	106 81	82 80	111 82	94 74	96 82	101 79	95 76	93 79	113 17	82 1.52	96 0.0	121 25	105 2.9	106 2.0	99 -14	109 9.0	106 6	122 27	103 -6	94 0.0	96 0.1	102 -2.3	113 -2.5	111 39.6	111 8	107 5	96 -0.22	89 -1.13	109 0.32	95 -0.06
LBV 140019 80245681		DLV 100054 DLV 100038		132 90	69 84	84 84	128 85	95 84	94 77	77 85	100 84	94 79	82 83	72 -17	128 -1.45	113 -1.6	73 -17	69 -9.0	84 -3.3	75 -67	74 -10.3	102 0	108 7	106 -12	117 1.0	105 4.8	102 -2.1	101 -0.3	89 22.1	102 3	96 -2	86 -0.90	103 0.21	111 0.40	87 -0.17
LBV 150004 81476434		DLV 100054 DLV 110003		124 91	84 86	105 86	117 86	107 86	114 78	98 87	117 85	118 80	99 84	90 -2	127 -1.38	103 -0.7	85 -6	84 -4.0	105 1.6	99 -15	89 -1.9	125 34	100 -6	126 -51	88 -0.3	129 16.6	116 -11.3	105 -1.0	97 28.4	110 8	111 8	102 0.13	90 -1.06	115 0.68	100 0.00
LBV 160001 83498212		E 110119 DLV 110006		110 87	84 84	114 84	104 84	116 84	109 76	94 84	92 82	104 78	95 82	93 1	109 -0.25	102 -0.6	94 2	84 -3.8	114 3.7	103 -7	90 -1.3	99 -5	106 2	96 9	103 0.4	107 5.7	114 -10.1	112 -2.4	101 31.3	107 6	103 3	103 0.23	94 -0.69	119 0.88	102 0.03
LBV 160003 86460375		SPJ 110122 DLV 110059		110 88	105 83	101 84	102 84	101 84	112 76	110 84	89 82	106 78	98 82	99 5	104 0.10	109 -1.2	96 4	105 3.0	101 0.9	106 1	100 3.8	90 -19	94 -16	95 10	113 0.8	103 3.6	96 1.7	101 -0.3	103 33.4	109 7	103 2	101 0.10	93 -0.76	110 0.38	100 0.00
LBV 160006 86460391		DLV 100008 DLV 110001		104 88	106 84	103 83	89 83	96 84	100 76	105 84	122 82	107 78	114 82	113 17	100 0.35	120 -2.3	111 17	106 3.3	103 1.3	102 -9	105 6.7	122 29	103 -2	120 -39	100 0.2	102 82	87 84	103 82	98 86	115 11	119 13	101 0.09	93 -0.75	96 -0.49	100 0.01
LBV 160008 89565220		E 110119 DLV 110003		114 86	86 82	112 82	114 82	109 83	114 75	101 83	94 81	109 77	98 80	89 -3	117 -0.75	99 -0.2	88 -4	86 -3.2	112 3.3	106 0	90 -1.3	93 -14	109 8	87 25	105 0.4	111 7.6	107 -5.5	110 -1.9	107 36.0	94 -2	97 -1	99 -0.02	94 -0.70	110 0.34	99 -0.02
LBV 170001 86579810		E 110106 LBV 140015		88 87	117 83	98 83	83 83	107 83	103 76	108 84	106 82	104 78	104 81	117 20	82 1.53	106 -0.9	120 24	117 6.9	98 0.0	101 -10	111 10.2	104 3	96 -11	98 5	97 0.1	79 -8.7	101 -1.5	103 -0.7	109 38.1	111 9	111 7	102 0.13	76 -2.42	105 0.06	98 -0.02
LBV 170013 86579851		SPJ 110122 DLV 110050		98 89	107 84	100 84	95 84	90 85	95 77	105 85	73 83	85 79	88 83	105 11	96 0.60	100 -0.4	104 10	107 3.6	100 0.5	103 -6	101 4.5	81 -32	91 -19	88 24	114 0.8	99 1.7	91 5.1	88 2.1	102 32.0	106 5	100 1	91 -0.58	86 -1.47	93 -0.66	89 -0.14
LBV 170021 86579869		E 110119 FN 080228		105 88	79 83	99 83	93 83	107 84	83 76	74 84	99 82	85 78	89 82	100 6	105 0.02	104 -0.8	106 12	79 -5.5	99 0.2	82 -52	88 -2.7	100 -3	107 5	104 -7	90 -0.2	81 -7.8	94 2.7	112 -2.4	106 35.4	112 9	102 2	82 -1.14	90 -1.02	89 -0.87	82 -0.23
LBV 170042 86593415		E 110119 LBV 150004		122 89	77 86	111 86	97 86	107 86	99 78	85 87	106 85	100 80	93 84	98 5	125 -1.27	109 -1.3	101 8	77 -6.3	111 3.0	92 -30	85 -4.3	107 7	101 -4	101 -2	102 0.3	101 2.7	111 -8.2	99 0.0	110 38.3	107 6	100 1	93 -0.41	94 -0.64	110 0.37	93 -0.09

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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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	Dress %
			Sire ID Dam ID																																
LBV 180033 95679171	8		E 110119 LBV 140013	91 87	104 85	110 85	80 85	114 85	101 77	100 85	105 84	103 79	106 83	112 17	92 0.85	101 -0.5	122 26	104 2.6	110 3.0	101 -10	107 7.8	102 0	121 25	100 0	111 0.7	82 -6.9	103 -2.8	111 -2.2	120 46.2	126 17	116 10	106 0.41	91 -0.94	96 -0.44	104 0.06
LBV 180056 88573860	8		E 110119 LBV 140014	100 86	81 81	110 81	96 81	109 81	91 74	83 82	92 80	88 76	94 79	94 2	103 0.17	96 0.0	101 8	81 -4.8	110 2.9	95 -24	88 -2.4	90 -18	106 3	86 29	99 0.2	94 -1.0	107 -5.5	95 0.8	116 43.7	105 5	99 0	102 0.15	96 -0.50	103 -0.08	101 0.02
LBV 190026 90010380	1		SPJ 110122 LBV 150004	114 89	90 85	98 85	123 85	111 86	117 78	100 86	96 84	113 80	85 84	81 -9	117 -0.73	94 0.2	79 -11	90 -2.1	98 0.1	101 -11	92 -0.5	103 2	98 -9	112 -23	104 0.4	118 10.9	118 -12.3	107 -1.4	99 30.0	104 4	98 0	94 -0.36	82 -1.84	109 0.33	92 -0.11
LBV 190040 89562847	2		DLV 100008 LBV 160007	102 87	113 84	109 83	81 83	103 84	109 76	113 84	113 82	112 78	109 82	121 24	95 0.66	114 -1.7	121 25	113 5.7	109 2.6	107 1	112 10.4	116 21	109 8	119 -37	103 0.4	115 9.4	104 -3.2	99 0.1	103 33.4	122 15	121 13	104 0.27	77 -2.28	94 -0.61	101 0.01
LBV 200002 90118910	2		DLV 100008 DLV 110003	118 87	103 83	80 82	95 82	111 82	108 75	95 83	119 81	113 77	108 80	107 12	115 -0.60	126 -2.9	105 11	103 2.1	80 -4.1	84 -47	100 4.0	124 32	101 -5	122 -43	100 0.2	114 9.0	94 2.9	118 -3.5	106 35.4	115 10	119 13	102 0.14	87 -1.37	94 -0.57	100 0.00
LBV 200004 90129032	2		LBV 130002 LBV 170013	109 88	105 84	86 84	103 84	88 84	96 76	101 85	82 83	89 78	91 83	98 5	106 -0.03	105 -0.8	96 3	105 2.8	86 -2.9	94 -27	102 5.2	90 -18	114 15	101 -2	92 -0.1	103 3.4	91 4.9	83 3.1	109 37.4	102 3	101 1	88 -0.78	97 -0.41	99 -0.29	88 -0.15
LBV 200010 90118936	1		SPJ 110122 DLV 110058	96 88	104 84	91 84	115 84	99 84	105 76	104 85	83 83	98 78	86 83	83 -8	98 0.47	88 0.8	87 -4	104 2.6	91 -1.5	102 -9	100 4.0	86 -24	93 -17	92 16	111 0.7	96 -0.2	95 2.1	102 -0.5	98 29.0	103 4	95 -2	90 -0.65	93 -0.76	105 0.04	89 -0.14
LBV 200032 90440496			DLV 100008 LBV 160002	91 86	105 82	103 81	84 81	96 81	89 74	98 82	116 80	96 76	102 80	115 19	87 1.18	105 -0.8	118 22	105 2.9	103 1.1	98 -18	106 7.1	113 16	101 -4	108 -16	111 0.7	90 -3.2	94 2.8	91 1.6	106 35.7	114 10	109 6	90 -0.64	96 -0.50	102 -0.13	90 -0.13
LBV 200052 91801167			E 110119 DLV 100032	88 88	112 84	114 84	92 84	128 84	125 76	114 85	122 82	129 78	120 82	103 9	90 1.01	92 0.3	106 12	112 5.3	114 3.8	116 23	113 11.3	124 33	99 -7	120 -38	91 -0.2	121 12.4	124 -16.3	122 -4.2	117 43.8	125 16	126 17	110 0.71	98 -0.27	100 -0.22	110 0.13
LBV 200056 91801159			E 110119 E 11B200	89 85	99 82	117 82	89 82	119 82	106 74	99 83	107 81	107 76	105 81	105 11	92 0.85	93 0.3	110 16	99 0.8	117 4.5	108 4	100 4.1	112 15	101 -4	109 -18	93 0.0	113 8.6	122 -15.0	105 -1.0	116 43.1	118 12	116 10	103 0.25	85 -1.51	105 0.08	101 0.02
LBV 210011 91801175			E 110119 DLV 110008	122 86	82 84	112 83	98 83	111 84	107 76	91 84	105 82	107 78	106 82	93 0	125 -1.27	108 -1.1	100 7	82 -4.5	112 3.2	97 -19	87 -3.0	112 14	112 12	106 -11	100 0.2	100 2.0	115 -10.7	105 -1.0	104 33.8	112 9	111 8	94 -0.40	101 0.02	112 0.49	94 -0.07
LBV 210013 91801183			E 110119 LBV 160007	98 87	98 84	120 84	83 84	122 85	110 76	101 84	104 83	110 78	106 83	110 15	103 0.18	100 -0.3	117 21	98 0.5	120 5.2	106 1	101 4.4	105 4	105 1	103 -6	103 0.4	91 -2.3	116 -10.9	114 -2.7	115 42.7	118 12	112 8	100 0.04	90 -1.00	110 0.38	99 -0.01

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID	Inbreeding	Genomic	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
Animal no	%	Parentage	Sire ID Dam ID																																
LBV 210014 91801290		E 110119 E 11B131	Index EBV Acc	95 83	98 79	100 79	89 79	118 79	100 72	92 80	108 78	103 74	99 77	101 7	95 0.65	99 -0.3	111 16	98 0.6	100 0.5	94 -26	101 4.3	108 9	113 14	105 -9	105 0.4	101 2.5	121 -14.1	109 -1.7	107 36.2	108 6	105 4	99 -0.01	87 -1.37	102 -0.08	98 -0.03
LBV 210019 95679031	2 	DLV 100008 LBV 140005		97 85	111 83	94 83	89 83	91 83	93 75	104 83	117 82	100 77	115 82	116 20	95 0.68	103 -0.7	112 17	111 5.0	94 -1.0	98 -18	109 9.0	117 21	100 -6	118 -36	119 1.0	107 5.4	86 8.3	88 2.2	107 36.0	132 20	126 17	106 0.42	106 0.55	83 -1.24	107 0.09
LBV 210025 92600865		SPJ 110122 LBV 140014		79 85	106 82	98 82	92 82	116 82	99 74	97 83	89 81	95 76	95 80	102 8	83 1.45	86 1.0	107 13	106 3.4	98 0.1	100 -13	105 7.0	95 -11	99 -8	104 -7	102 0.3	97 0.5	112 -8.3	113 -2.5	106 35.6	111 8	103 3	98 -0.10	90 -1.08	112 0.50	97 -0.04
LBV 210055 92600949	2 	SPJ 110122 LBV 140019		100 86	96 83	92 83	100 83	107 83	97 75	91 84	89 82	93 77	93 82	92 0	98 0.48	100 -0.4	98 6	96 -0.2	92 -1.4	91 -32	96 1.7	92 -14	97 -11	100 0	113 0.8	96 0.2	104 -3.7	112 -2.3	100 30.9	112 9	104 3	97 -0.21	90 -1.08	116 0.70	95 -0.06
LBV 220004 94507597		LBV 130002 E 11B189		104 81	92 79	91 79	127 79	103 79	107 72	98 79	94 79	103 74	84 79	72 -17	103 0.17	89 0.7	74 -15	92 -1.3	91 -1.7	99 -16	98 3.1	94 -12	123 29	96 9	75 -0.8	93 -1.5	110 -7.6	100 -0.1	99 29.9	84 -7	85 -8	90 -0.67	111 0.97	120 0.95	91 -0.11
LBV 220005 94507530	4 	SPJ 110122 FN 080228		110 85	91 83	91 83	98 83	109 83	98 75	88 83	86 82	93 77	78 82	97 4	104 0.11	114 -1.7	101 8	91 -1.6	91 -1.6	87 -42	92 -0.3	91 -17	103 -1	105 -9	87 -0.3	87 -4.4	97 1.0	116 -3.0	105 34.3	111 9	97 -1	74 -1.67	81 -1.97	107 0.17	73 -0.35
LBV 220010 94507290	1 	SPJ 110122 LBV 130003		96 86	107 83	108 82	88 83	112 83	108 75	105 83	104 82	108 77	103 81	110 15	97 0.55	99 -0.3	112 18	107 3.5	108 2.3	105 -2	107 8.0	109 11	103 -2	114 -27	99 0.2	106 5.1	100 -0.9	115 -3.0	106 35.1	116 11	115 10	98 -0.13	91 -0.94	102 -0.13	97 -0.04
LBV 220029 94507357		E 110119 LBV 190026		105 86	85 83	108 83	101 83	132 83	114 75	89 84	98 82	111 77	93 82	92 0	111 -0.33	95 0.1	97 4	85 -3.6	108 2.5	98 -18	93 0.0	105 4	108 6	108 -15	110 0.6	107 5.3	135 -23.6	122 -4.2	106 35.0	112 9	105 4	95 -0.31	94 -0.64	107 0.21	94 -0.07
LBV 220034 94507373	10 	LBV 190002 LBV 200010		85 84	110 81	101 81	92 81	111 81	104 74	104 82	93 80	100 76	96 80	104 10	88 1.15	89 0.6	107 13	110 4.6	101 0.7	104 -3	111 10.0	97 -7	104 0	102 -4	100 0.2	110 6.8	99 -0.2	116 -3.0	109 37.5	107 6	105 4	94 -0.35	88 -1.24	100 -0.21	93 -0.09
LBV 220043 94507589	5 	LBV 190002 LBV 200004		109 84	91 80	99 80	105 80	98 81	97 73	94 81	82 80	91 75	94 80	92 0	113 -0.48	97 -0.1	94 2	91 -1.6	99 0.3	96 -22	91 -0.8	88 -21	93 -17	93 14	103 0.3	98 0.8	94 3.0	91 1.5	118 44.8	105 5	100 0	94 -0.37	106 0.52	96 -0.46	95 -0.06
LBV 220047 94507613		E 110119 LBV 170013		88 86	109 83	103 83	90 83	104 83	99 75	104 84	94 82	96 77	107 82	107 12	87 1.21	96 0.0	109 15	109 4.2	103 1.2	104 -4	107 7.8	94 -11	110 9	99 2	109 0.6	105 4.7	100 -1.1	99 0.0	111 39.4	108 7	108 6	103 0.21	91 -1.00	97 -0.39	102 0.02
LBV 230002 95463139		B 050072 LBV 150012		111 86	99 81	113 81	115 81	93 82	114 74	115 82	135 80	124 76	119 80	94 1	113 -0.46	97 -0.1	87 -4	99 1.1	113 3.5	116 23	104 6.3	135 49	95 -13	133 -64	75 -0.8	124 14.2	103 -2.6	93 1.1	88 21.2	132 21	126 17	114 0.95	100 -0.07	116 0.75	114 0.18

Breeding Values and Accuracies: Cows & Heifers

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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 Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
LBV 230004 95463147		 PRB 180051  LBV 170001				82 87	107 84	109 84	89 84	98 84	92 76	103 84	95 83	91 78	114 83	117 21	89 1.05	84 1.1	110 16	107 3.6	109 2.7	107 3	112 10.5	93 -14	104 0	91 19	108 0.6	92 -2.0	102 -2.0	86 2.5	111 39.7	111 8	111 7	97 -0.19	111 0.97	109 0.33	99 -0.01
LBV 230008 95463253		 PRB 180051  DLV 110006				99 87	98 84	104 83	95 83	112 84	105 76	98 84	89 82	100 78	111 82	108 13	100 0.39	98 -0.1	103 9	98 0.8	104 1.5	101 -11	103 5.9	91 -17	95 -14	92 17	89 -0.2	113 8.5	119 -13.2	101 -0.3	104 33.8	103 3	107 5	95 -0.31	104 0.35	115 0.63	96 -0.05
LBV 230019 95891784		 SPJ 110122  LBV 180033				86 86	111 84	97 84	94 84	117 84	109 76	104 84	102 83	108 78	100 83	99 6	84 1.42	94 0.2	105 11	111 4.9	97 -0.1	103 -6	109 9.1	102 0	109 7	107 -14	112 0.7	91 -2.4	106 -5.0	121 -3.9	107 36.4	123 15	110 7	96 -0.23	91 -0.93	110 0.38	95 -0.06
LBV 230026 95463188	1	 PRB 180051  LBV 140019				101 88	88 84	102 84	118 84	80 84	86 76	95 85	91 83	84 78	102 83	93 1	104 0.07	88 0.8	85 -6	88 -2.6	102 1.0	100 -12	96 1.5	94 -13	101 -4	94 12	131 1.5	110 7.1	89 6.0	76 4.4	99 30.1	105 5	104 3	88 -0.78	127 2.54	114 0.58	93 -0.09
LBV 230033 95463204	1	 PRB 180051  LBV 200052				80 87	118 84	113 84	90 84	112 84	113 76	117 85	107 83	114 78	127 83	111 16	86 1.27	85 1.1	109 15	118 7.3	113 3.5	118 26	122 16.2	108 9	108 6	105 -10	93 -0.1	110 6.9	119 -13.3	100 0.0	112 39.8	112 9	122 14	107 0.51	117 1.55	119 0.92	110 0.13
LBV 230035 96482492		 PRB 180051  LBV 200056				61 86	113 83	127 83	85 83	97 83	90 75	111 83	95 83	89 77	122 82	116 20	75 1.98	69 2.6	115 20	113 5.5	127 6.9	122 36	119 14.8	99 -5	108 6	98 5	107 0.5	110 7.1	106 -4.7	82 3.2	110 38.6	118 12	122 14	98 -0.09	124 2.29	116 0.69	103 0.04
LBV 230038 96482500	1	 PRB 180051  LBV 210013				110 86	81 84	117 84	97 84	108 84	98 76	89 84	89 83	94 78	106 83	101 7	114 -0.58	100 -0.4	101 7	81 -5.1	117 4.6	100 -13	90 -1.5	89 -19	106 3	86 28	115 0.9	96 -0.1	114 -10.2	95 0.9	107 36.1	102 3	100 1	89 -0.73	122 2.09	119 0.88	93 -0.09
LBV 230039 96482518		 PRB 180051  LBV 210011				113 86	80 84	117 84	112 84	90 83	95 76	95 84	82 83	89 78	108 82	92 0	120 -0.95	94 0.2	89 -2	80 -5.4	117 4.5	104 -3	87 -3.0	82 -30	112 12	81 39	113 0.8	95 -0.7	106 -5.1	78 4.1	101 31.6	94 -1	98 0	83 -1.08	119 1.82	122 1.07	87 -0.16
LBV 230040 97381420		 PRB 180051  E 11B189				66 84	104 82	111 82	101 82	111 82	96 74	100 82	88 81	92 76	103 81	99 5	79 1.74	63 3.2	97 4	104 2.5	111 3.1	113 15	112 10.4	85 -26	111 11	87 27	95 0.0	106 4.9	113 -9.0	105 -0.9	107 36.5	89 -5	97 -1	99 -0.03	114 1.31	119 0.88	101 0.02
LBV 240002 96482542	2	 PRB 180051  LBV 160007				80 86	116 84	105 84	94 84	96 84	100 76	113 84	98 83	99 78	119 83	106 12	89 1.06	78 1.7	104 10	116 6.7	105 1.8	114 17	120 15.1	103 1	108 6	109 -18	104 0.4	116 10.2	106 -4.9	87 2.3	99 29.8	120 13	120 13	103 0.18	109 0.77	126 1.33	104 0.06
LBV 240021 97079800	2	 LBV 130002  LBV 190026				118 85	92 82	88 82	128 82	105 82	115 74	101 83	90 81	109 76	84 81	74 -15	117 -0.75	100 -0.3	74 -16	92 -1.3	88 -2.4	97 -20	94 0.5	96 -10	108 6	105 -10	93 -0.1	108 5.8	116 -11.4	93 1.3	106 35.1	100 2	94 -3	83 -1.10	86 -1.43	116 0.74	82 -0.23
LBV 240024 97079834		 PRB 180051  LBV 170001				100 87	100 85	101 84	92 84	98 84	94 76	97 85	93 84	91 78	111 83	111 16	98 0.46	103 -0.6	107 13	100 1.2	101 0.7	98 -18	100 4.1	92 -15	100 -7	89 23	112 0.8	91 -2.6	104 -3.4	87 2.4	108 36.9	104 4	109 6	95 -0.31	102 0.08	118 0.84	96 -0.05

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 Thicken	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Dress %
LBV 240025 97079842	6	 		PRB 180051	LBV 200004	102 87	104 84	99 84	99 84	87 84	95 76	104 85	84 84	89 78	110 84	108 13 84	108 -0.15 88	92 0.4 86	99 6 84	104 2.6 84	99 0.4 84	103 -7 84	107 7.7 84	88 -21 84	117 19 83	97 6 83	105 0.4 84	100 1.8 84	101 -1.6 84	73 5.0 83	105 34.4 85	110 8 84	113 9 84	89 -0.72 83	120 1.84 84	116 0.73 83	93 -0.09 84
LBV 240028 97620363	1	 		PRB 180051	LBV 140019	107 87	80 84	99 84	114 84	98 84	91 76	84 85	94 83	89 78	105 83	91 -1 84	111 -0.37 88	92 0.4 86	88 -3 84	80 -5.3 84	99 0.3 84	90 -34 84	88 -2.8 83	98 -6 83	101 -5 83	95 10 83	119 1.0 83	102 3.2 83	112 -8.3 84	89 1.9 83	97 27.8 85	102 3 83	106 4 83	91 -0.58 83	123 2.17 83	116 0.74 83	95 -0.06 83
LBV 240029 97620371	4			PRB 180051	LBV 160003	89 62	106 37	113 37	97 37	94 37	99 39	110 41	85 30	93 36	111 27	106 12 34	92 0.85 68	88 0.8 52	100 7 37	106 3.4 37	113 3.7 37	115 20 37	108 8.7 30	85 -26 30	97 -10 18	87 27 20	118 1.0 32	103 3.6 31	100 -1.1 37	84 2.8 26	103 32.9 47	106 6 31	107 5 29	98 -0.12 26	114 1.30 28	116 0.71 26	100 0.01 27
LBV 240035 97620355	2	 		LBV 200042	LBV 210025	87 83	109 80	114 80	83 80	125 80	114 73	107 81	98 79	111 75	104 79	117 21 79	91 0.92 84	94 0.2 82	118 23 80	109 4.3 80	114 3.9 80	109 7 80	110 9.7 79	107 7 79	104 0 78	114 -27 78	104 0.4 79	111 7.7 79	118 -12.3 80	121 -4.0 79	111 39.0 81	121 14 79	118 12 79	101 0.08 79	84 -1.65 79	102 -0.13 79	99 -0.01 79
LBV 240042 97620389	1	 		PRB 180051	LBV 160006	93 87	106 84	112 84	95 84	97 84	101 76	109 85	96 83	99 78	116 83	110 15 84	94 0.73 88	94 0.2 86	102 9 84	106 3.2 84	112 3.3 84	112 14 84	111 10.1 83	94 -12 83	103 -1 82	97 6 82	116 0.9 83	98 1.0 83	100 -1.2 84	90 1.7 83	101 31.2 85	105 5 83	111 7 83	100 0.02 83	115 1.39 83	107 0.21 83	103 0.04 83
LBV 240057 98361447	1	 		PRB 180051	LBV 150004	102 87	83 84	115 84	103 84	96 84	90 76	90 85	95 83	89 78	105 83	103 9 84	110 -0.31 87	88 0.7 86	95 2 84	83 -4.4 84	115 4.1 84	103 -7 84	93 0.0 83	99 -5 83	95 -13 82	101 -2 82	111 0.7 83	114 9.1 83	109 -6.7 84	87 2.4 83	99 30.1 85	106 6 83	106 5 83	89 -0.69 83	105 0.39 83	113 0.55 83	91 -0.12 83
LBV 250002 99009094				PRB 180051	LBV 140013	79 51	103 37	115 35	87 35	99 35	89 35	100 39	92 28	87 33	109 25	113 17 32	86 1.29 54	84 1.1 44	112 17 35	103 2.4 37	115 4.1 35	109 6 36	110 9.7 30	93 -14 28	112 12 18	91 19 18	108 0.6 30	100 1.9 29	103 -3.1 36	90 1.7 24	107 36.0 46	107 6 29	109 6 27	95 -0.28 24	112 1.12 26	115 0.68 25	98 -0.03 25
LBV 250005 99009110				PRB 180051	LBV 200056	82 51	100 36	121 35	91 35	103 35	96 35	102 38	94 28	94 33	114 26	109 14 32	91 0.95 54	82 1.3 44	107 13 35	100 1.3 36	121 5.4 35	113 16 35	106 7.3 30	96 -9 28	101 -4 18	94 12 19	108 0.6 30	108 6.1 29	113 -9.4 36	86 2.5 24	109 37.7 44	111 8 29	114 9 27	99 -0.05 25	110 0.93 26	113 0.56 25	101 0.01 26
LBV 250006 99009243	1			PRB 180051	LBV 210013	87 51	100 37	122 37	88 37	104 36	98 36	103 39	93 29	95 34	115 26	112 16 34	96 0.62 54	86 1.0 45	110 16 37	100 1.2 37	122 5.7 37	112 14 37	106 7.4 30	92 -15 29	103 -1 19	91 19 19	113 0.8 31	97 0.6 31	110 -7.4 37	91 1.6 25	109 37.6 45	111 8 30	112 8 28	97 -0.15 25	113 1.18 27	116 0.71 26	100 0.00 26
LBV 250007 99009128				PRB 180051	LBV 210011	99 52	92 39	118 38	95 38	99 36	96 37	98 41	94 30	94 35	115 27	103 9 35	107 -0.10 55	89 0.7 46	102 8 38	92 -1.3 39	118 4.8 38	108 4 38	99 3.7 30	96 -9 29	107 4 19	92 16 32	111 0.7 32	102 2.8 31	110 -7.3 38	86 2.5 26	103 33.1 45	108 6 31	111 8 29	94 -0.37 26	118 1.69 28	117 0.77 26	97 -0.03 27
LBV 250013 99009151	2			GE 190039	LBV 160001	109 45	81 38	112 37	102 37	110 34	100 35	88 39	98 36	98 35	98 24	97 4 29	109 -0.22 44	101 -0.5 43	95 3 37	81 -5.0 38	112 3.3 37	98 -17 37	87 -3.1 32	99 -5 35	90 -21 23	87 27 12	107 0.5 41	97 0.3 39	108 -6.1 35	109 -1.8 23	100 30.7 44	96 0 38	93 -3 33	95 -0.33 22	104 0.31 25	125 1.28 23	96 -0.05 24
LBV 250015 99202046				PRB 180051	E 11B189	82 49	98 32	110 31	104 31	103 31	96 32	99 35	88 26	91 30	104 24	99 5 30	91 0.95 49	75 2.0 43	94 2 31	98 0.6 32	110 2.8 31	109 7 31	106 7.2 26	88 -21 26	107 5 17	87 26 18	99 0.2 28	101 2.4 27	111 -8.2 29	97 0.5 21	99 29.6 44	95 -1 27	101 1 26	98 -0.14 23	118 1.65 25	117 0.75 23	100 0.01 24

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	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	Dress %	
LBV 250016	4	PRB 180051		180051	170013	87	104	112	94	88	90	105	77	83	106	109	93	86	104	104	112	111	106	80	96	83	118	101	98	78	102	105	106	93	110	107	95	
99034464		LBV 170013				54	37	36	37	36	37	40	30	35	27	14	0.83	1.0	10	2.8	3.4	11	7.4	-32	-11	34	1.0	2.6	0.6	4.0	32.2	5	4	-0.46	0.95	0.20	-0.06	
																34	56	48	37	37	36	37	30	30	18	20	32	31	38	25	46	31	29	26	28	26	27	
LBV 250018	1	PRB 210073		210073	220029	90	120	103	88	108	113	116	118	117	108	117	89	100	112	120	103	110	118	124	93	132	104	121	103	105	106	116	114	105	93	91	103	
99436727		LBV 220029				47	39	33	33	31	34	39	34	34	22	21	1.08	-0.3	17	7.8	1.3	10	14.1	32	-16	-63	0.4	12.5	-3.1	-1.0	35.7	11	10	0.32	-0.75	-0.74	0.05	
																31	50	41	33	39	33	35	33	34	43	13	40	38	32	21	39	37	32	21	22	21	22	
LBV 250021	1	GE 190039		190039	160007	109	91	105	99	107	103	95	103	103	102	99	108	105	99	91	105	99	94	103	89	96	101	98	107	107	100	100	98	94	96	129	94	
99436743		LBV 160007				46	37	35	36	34	34	38	36	35	24	6	-0.14	-0.8	6	-1.7	1.7	-16	0.4	2	-23	8	0.3	0.8	-5.7	-1.3	30.3	2	-1	-0.39	-0.51	1.51	-0.08	
																28	45	43	36	37	35	36	32	35	22	13	41	39	36	22	44	38	34	23	25	23	24	
LBV 250030	2	PRB 210073		210073	190026	95	122	98	95	98	112	120	117	116	104	112	92	100	103	122	98	112	118	123	88	134	102	126	94	97	103	112	111	104	87	92	102	
99436818		LBV 190026				49	39	32	33	31	34	39	34	34	22	16	0.88	-0.3	10	8.5	0.1	14	13.9	31	-24	-67	0.3	15.2	2.6	0.4	33.2	9	7	0.29	-1.35	-0.68	0.03	
																32	50	43	33	39	32	35	33	34	43	14	40	38	32	22	40	37	33	22	23	22	22	
LBV 250041						103	89	113	93	87					81	93	108	96	105	89	113	100	81	71	100		88	92	85	87	89	93	83	86	83	75	84	
99941163		LBV 220043				29	12	12	12	17					8	0	-0.18	0.0	11	-2.3	3.5	-12	-6.3	-46	-6	-0.3	-2.2	8.9	2.4	22.0	-2	-10	-0.88	-1.71	-1.72	-0.20		
																11	32	22	12	12	12	12	10	9	5	10	9	21	9	22	9	9	7	8	7	8		
LBV 260010						96	99	120	96	85	92	106			94	93	100	93	101	99	120	114	93	95	101	96	75	105	89	88	75	106	96	96	96	80	85	94
6020677529		LBV 230002				52	21	21	21	22	26	26			14	1	0.33	0.3	8	0.8	5.3	18	0.1	-11	-5	8	-0.8	4.5	6.1	2.2	10.2	5	-1	-0.22	-2.00	-1.12	-0.08	
																20	60	39	21	21	21	21	14	15	8	7	16	16	24	13	29	15	14	13	15	13	14	
LBV 260013						93	92	115	97	79	79	95			85	93	98	89	100	92	115	106	88	74	104	75	103	98	82	79	80	93	85	83	94	84	83	
6020678261		LBV 230026				50	18	18	18	20	23	24			14	1	0.49	0.7	7	-1.4	4.0	0	-2.8	-42	0	51	0.3	1.0	10.4	3.9	14.7	-2	-8	-1.08	-0.69	-1.20	-0.22	
																17	59	36	18	18	18	18	15	15	9	10	16	15	22	12	25	15	14	13	14	13	14	

Selection List on Cow Value

Bulls 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin nt821 F94L Q204X 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	PRB 240033	PRB240033	FN 110229	W 130207	0.0					80	70	123	58	105	54	84	55	145	48	133	52	116	59	138	63	143	55	134	41
										★★★★★																			
1	LBV 210021	LBV210021	SPJ 110122	LBV 130003	0.6	HH	0	0	0	101	85	106	83	111	83	103	83	106	83	115	75	114	83	114	82	118	77	98	82
										★★★★☆																			
1	LBV 180011	MILLION EYE CATCHER	SPJ 110122	LBV 130001	2.6	HH	0	0	0	95	86	99	84	101	84	97	84	108	83	100	76	97	84	87	83	95	78	87	82
2	PRB 210073	PRB210073	BU 130054	BU 180119	4.3	HH	0	0	0	81	87	146	87	98	85	78	85	84	84	108	77	137	86	138	86	121	80	122	83
										★★★★																			
1	GE 190039	GE 190039	FN 110335	GE 160033	2.3	HH	0	0	0	108	86	77	85	110	85	101	85	104	84	91	77	82	85	103	85	92	79	101	82
										★★★☆☆																			
1	LBV 180048	ASTON J	DLV 100008	FN 080228	0.0					107	66	92	44	90	40	96	41	95	40	86	43	86	47	109	30	91	39	90	26
2	LBV 230032	LBV230032	PRB 180051	LBV 200032	0.6					85	60	102	38	113	36	88	36	91	34	87	38	100	41	99	29	87	35	113	26
3	PRB 180051	PRB180051	B 040001	PRB 140032	6.3	HH	0	0	0	76	95	102	93	124	93	94	93	87	93	85	84	105	93	82	93	80	87	124	92

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin n1821 F94L Q204X	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	LBV 200052	LBV200052	E 110119	DLV 100032	0.0	HH	0 0 0 0	88 88	112 84	114 84	92 84	128 84	125 76	114 85	122 82	129 78	120 82
1	LBV 150004	LBV 150004	DLV 100054	DLV 110003	0.4	HH	0 0 0 0	124 91	84 86	105 86	117 86	107 86	114 78	98 87	117 85	118 80	99 84
2	LBV 160003	LILI BOVIDS LBV 1603	SPJ 110122	DLV 110059	0.6	HH	0 0 0 0	110 88	105 83	101 84	102 84	101 84	112 76	110 84	89 82	106 78	98 82
3	LBV 160008	LBV 160008	E 110119	DLV 110003	0.0	HH	0 0 0 0	114 86	86 82	112 82	114 82	109 83	114 75	101 83	94 81	109 77	98 80
4	LBV 190026	LILI BOVIDS LBV 1926	SPJ 110122	LBV 150004	0.8	HH	0 0 0 0	114 89	90 85	98 85	123 85	111 86	117 78	100 86	96 84	113 80	85 84
5	LBV 210013	LBV210013	E 110119	LBV 160007	0.2	HH	0 0 0 0	98 87	98 84	120 84	83 84	122 85	110 76	101 84	104 83	110 78	106 83
6	LBV 220029	LBV220029	E 110119	LBV 190026	0.2	HH	0 0 0 0	105 86	85 83	108 83	101 83	132 83	114 75	89 84	98 82	111 77	93 82
7	LBV 230002	LBV230002	B 050072	LBV 150012	0.0	HH	0 0 0 0	111 86	99 81	113 81	115 81	93 82	114 74	115 82	135 80	124 76	119 80
8	LBV 230033	LBV230033	PRB 180051	LBV 200052	0.5	HH	0 0 0 0	80 87	118 84	113 84	90 84	112 84	113 76	117 85	107 83	114 78	127 83
9	LBV 240021	LBV240021	LBV 130002	LBV 190026	1.7	HH	0 0 0 0	118 85	92 82	88 82	128 82	105 82	115 74	101 83	90 81	109 76	84 81
10	LBV 240035	LBV240035	LBV 200042	LBV 210025	2.5	HH	0 0 0 0	87 83	109 80	114 80	83 80	125 80	114 73	107 81	98 79	111 75	104 79
1	LBV 160001	LBV 160001	E 110119	DLV 110006	0.8	HH	0 0 0 0	110 87	84 84	114 84	104 84	116 84	109 76	94 84	92 82	104 78	95 82
2	LBV 160006	LILI BOVIDS	DLV 100008	DLV 110001	1.6	HH	0 0 0 0	104 88	106 84	103 83	89 83	96 84	100 76	105 84	122 82	107 78	114 82
3	LBV 170001	LBV 170001	E 110106	LBV 140015	7.8	HH	0 0 0 0	88 87	117 83	98 83	83 83	107 83	103 76	108 84	106 82	104 78	104 81
4	LBV 180033	LBV180033	E 110119	LBV 140013	8.2	HH	0 0 0 0	91 87	104 85	110 85	80 85	114 85	101 77	100 85	105 84	103 79	106 83
5	LBV 190040	LBV190040	DLV 100008	LBV 160007	1.8	HH	0 0 0 0	102 87	113 84	109 83	81 83	103 84	109 76	113 84	113 82	112 78	109 82
6	LBV 200002	LILI BOVIDS LBV 2002	DLV 100008	DLV 110003	2.3	HH	0 0 0 0	118 87	103 83	80 82	95 82	111 82	108 75	95 83	119 81	113 77	108 80
7	LBV 200010	LILI BOVIDS LBV 2010	SPJ 110122	DLV 110058	0.6	HH	0 0 0 0	96 88	104 84	91 84	115 84	99 84	105 76	104 85	83 83	98 78	86 83
8	LBV 200056	LBV200056	E 110119	E 11B200	0.0	HH	0 0 0 0	89 85	99 82	117 82	89 82	119 82	106 74	99 83	107 81	107 76	105 81
9	LBV 210011	LBV210011	E 110119	DLV 110008	0.2	HH	0 0 0 0	122 86	82 84	112 83	98 83	111 84	107 76	91 84	105 82	107 78	106 82
10	LBV 210014	LBV210014	E 110119	E 11B131	0.0	HH	0 0 0 0	95 83	98 79	100 79	89 79	118 79	100 72	92 80	108 78	103 74	99 77
11	LBV 220004	LBV220004	LBV 130002	E 11B189	0.0	HH	0 0 0 0	104 81	92 79	91 79	127 79	103 79	107 72	98 79	94 79	103 74	84 79
12	LBV 220010	LBV220010	SPJ 110122	LBV 130003	0.6	HH	0 0 0 0	96 86	107 83	108 82	88 83	112 83	108 75	105 83	104 82	108 77	103 81
13	LBV 220034	LBV220034	LBV 190002	LBV 200010	9.7	HH	0 0 0 0	85 84	110 81	101 81	92 81	111 81	104 74	104 82	93 80	100 76	96 80

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID		Name	Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin n1821 F94L Q204X			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
											★★★★★									
14	LBV 230008	LBV230008	PRB 180051	DLV 110006	0.2	HH	0	0	0		99 87	98 84	104 83	95 83	112 84	105 76	98 84	89 82	100 78	111 82
15	LBV 230019	LBV230019	SPJ 110122	LBV 180033	0.2	HH	0	0	0		86 86	111 84	97 84	94 84	117 84	109 76	104 84	102 83	108 78	100 83
16	LBV 240002	LBV240002	PRB 180051	LBV 160007	1.9	HH	0	0	0		80 86	116 84	105 84	94 84	96 84	100 76	113 84	98 83	99 78	119 83
17	LBV 240042	LBV240042	PRB 180051	LBV 160006	0.6	HH	0	0	0		93 87	106 84	112 84	95 84	97 84	101 76	109 85	96 83	99 78	116 83
											★★★★									
1	LBV 140013	LBV 140013	E 110065	E 11B200	0.0	HH	0	0	0		82 85	105 81	106 81	82 80	111 82	94 74	96 82	101 79	95 76	93 79
2	LBV 140019	LBV 140019	DLV 100054	DLV 100038	1.7	HH	0	0	0		132 90	69 84	84 84	128 85	95 84	94 77	77 85	100 84	94 79	82 83
3	LBV 170013	LBV 170013	SPJ 110122	DLV 110050	0.6	HH	0	0	0		98 89	107 84	100 84	95 84	90 85	95 77	105 85	73 83	85 79	88 83
4	LBV 170042	LBV 170042	E 110119	LBV 150004	0.1	HH	0	0	0		122 89	77 86	111 86	97 86	107 86	99 78	85 87	106 85	100 80	93 84
5	LBV 180056	LILI BOVIDS LBV 1856	E 110119	LBV 140014	7.8	HH	0	0	0		100 86	81 81	110 81	96 81	109 81	91 74	83 82	92 80	88 76	94 79
6	LBV 200004	LILI BOVIDS LBV 2004	LBV 130002	LBV 170013	1.7	HH	0	0	0		109 88	105 84	86 84	103 84	88 84	96 76	101 85	82 83	89 78	91 83
7	LBV 210019	LBV210019	DLV 100008	LBV 140005	2.0	HH	0	0	0		97 85	111 83	94 83	89 83	91 83	93 75	104 83	117 82	100 77	115 82
8	LBV 210025	LBV210025	SPJ 110122	LBV 140014	0.2	HH	0	0	0		79 85	106 82	98 82	92 82	116 82	99 74	97 83	89 81	95 76	95 80
9	LBV 210055	LBV210055	SPJ 110122	LBV 140019	1.7	HH	0	0	0		100 86	96 83	92 83	100 83	107 83	97 75	91 84	89 82	93 77	93 82
10	LBV 220005	LBV220005	SPJ 110122	FN 080228	3.9	HH	0	0	0		110 85	91 83	91 83	98 83	109 83	98 75	88 83	86 82	93 77	78 82
11	LBV 220043	LBV220043	LBV 190002	LBV 200004	4.6	HH	0	0	0		109 84	91 80	99 80	105 80	98 81	97 73	94 81	82 80	91 75	94 80
12	LBV 220047	LBV220047	E 110119	LBV 170013	0.3	HH	0	0	0		88 86	109 83	103 83	90 83	104 83	99 75	104 84	94 82	96 77	107 82
13	LBV 230004	LBV230004	PRB 180051	LBV 170001	0.2	HH	0	0	0		82 87	107 84	109 84	89 84	98 84	92 76	103 84	95 83	91 78	114 83
14	LBV 230035	LBV230035	PRB 180051	LBV 200056	0.1	HH	0	0	0		61 86	113 83	127 83	85 83	97 83	90 75	111 83	95 83	89 77	122 82
15	LBV 230038	LBV230038	PRB 180051	LBV 210013	1.1	HH	0	0	0		110 86	81 84	117 84	97 84	108 84	98 76	89 84	89 83	94 78	106 83
16	LBV 230039	LBV230039	PRB 180051	LBV 210011	0.1	HH	0	0	0		113 86	80 84	117 84	112 84	90 83	95 76	95 84	82 83	89 78	108 82
17	LBV 230040	LBV230040	PRB 180051	E 11B189	0.0	HH	0	0	0		66 84	104 82	111 82	101 82	111 82	96 74	100 82	88 81	92 76	103 81
18	LBV 240024	LBV240024	PRB 180051	LBV 170001	0.2	HH	0	0	0		100 87	100 85	101 84	92 84	98 84	94 76	97 85	93 84	91 78	111 83
19	LBV 240025	LBV240025	PRB 180051	LBV 200004	5.6	HH	0	0	0		102 87	104 84	99 84	99 84	87 84	95 76	104 85	84 84	89 78	110 84
20	LBV 240028	LBV240028	PRB 180051	LBV 140019	1.2	HH	0	0	0		107 87	80 84	99 84	114 84	98 84	91 76	84 85	94 83	89 78	105 83
21	LBV 240029	LBV240029	PRB 180051	LBV 160003	3.6						89 62	106 37	113 37	97 37	94 37	99 39	110 41	85 30	93 36	111 27
22	LBV 240057	LBV240057	PRB 180051	LBV 150004	0.9	HH	0	0	0		102 87	83 84	115 84	103 84	96 84	90 76	90 85	95 83	89 78	105 83

Selection List on Cow Value

Cows 2 years and older

ID Name Sorted on ID		Sire ID	Dam ID	% Inbreeding	Horned / Polled	Myostatin			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	LBV 140011 LBV 140011	DLV 100054	DLV 110049	0.5	HH	0	0	0		8890	10483	10383	9183	8284	8176	9984	12282	9278	11581
2	LBV 170021 LBV 170021	E 110119	FN 080228	0.0	HH	0	0	0		10588	7983	9983	9383	10784	8376	7484	9982	8578	8982
3	LBV 200032 LILI BOVIDS LBV 2032	DLV 100008	LBV 160002	0.2	HH	0	0	0		9186	10582	10381	8481	9681	8974	9882	11680	9676	10280
4	LBV 230026 LBV230026	PRB 180051	LBV 140019	1.2	HH	0	0	0		10188	8884	10284	11884	8084	8676	9585	9183	8478	10283

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 nt821 F94L Q204X	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	LBV 250011	LBV250011	PRB 210073	LBV 200002	3.7			96	49	129	43	89	34	86	35	97	32	110	36	119	42	128	36	119	36	115	24
2	LBV 250022	LBV250022	PRB 210073	LBV 160008	1.1			95	48	120	42	105	34	91	35	96	32	111	35	121	41	116	34	115	35	110	22
3	LBV 250028	LBV250028	PRB 210073	LBV 190040	3.6			89	47	134	41	103	32	79	33	94	32	111	34	128	39	125	34	118	34	116	23
								★★★★																			
1	LBV 260007	LBV 260007		LBV 230019	0.0			93	48	97	17	112	17	89	17	97	21	90	22	97	22					84	12
								★★★★☆																			
1	LBV 250004	LBV250004	PRB 180051	LBV 200032	0.6			83	52	103	38	113	36	88	36	91	34	87	36	101	40	99	29	88	34	113	26
2	LBV 250035	LBV250035		LBV 170042	0.0			110	36	82	19	118	19	90	19	92	20	85	21	88	22					81	10
3	LBV 250037	LBV250037		LBV 170001	0.0			92	32	102	19	112	19	83	18	92	20	88	20	100	21					86	8
4	LBV 250039	LBV250039		LBV 200010	0.0			96	36	95	18	109	19	96	19	88	20	87	21	97	21					77	12
5	LBV 260008	LBV 260008		LBV 230008	0.0			98	51	92	23	115	21	89	21	95	22	88	26	94	27					90	16
6	LBV 260009	LBV 260009		LBV 160006	0.0			107	53	94	23	114	20	86	21	86	23	88	26	97	27					92	14

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 nt821 F94L Q204X	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	LBV 250018	LBV250018	PRB 210073	LBV 220029	1.2			90	47	120	39	103	33	88	33	108	31	113	34	116	39	118	34	117	34	108	22
2	LBV 250030	LBV250030	PRB 210073	LBV 190026	1.7			95	49	122	39	98	32	95	33	98	31	112	34	120	39	117	34	116	34	104	22
								★★★★☆																			
1	LBV 250013	LBV250013	GE 190039	LBV 160001	2.3			109	45	81	38	112	37	102	37	110	34	100	35	88	39	98	36	98	35	98	24
2	LBV 250021	LBV250021	GE 190039	LBV 160007	0.6			109	46	91	37	105	35	99	36	107	34	103	34	95	38	103	36	103	35	102	24
								★★★★																			
1	LBV 250005	LBV250005	PRB 180051	LBV 200056	0.1			82	51	100	36	121	35	91	35	103	35	96	35	102	38	94	28	94	33	114	26
2	LBV 250006	LBV250006	PRB 180051	LBV 210013	1.1			87	51	100	37	122	37	88	37	104	36	98	36	103	39	93	29	95	34	115	26
3	LBV 250007	LBV250007	PRB 180051	LBV 210011	0.1			99	52	92	39	118	38	95	38	99	36	96	37	98	41	94	30	94	35	115	27
4	LBV 250015	LBV250015	PRB 180051	E 11B189	0.0			82	49	98	32	110	31	104	31	103	31	96	32	99	35	88	26	91	30	104	24
5	LBV 250016	LBV250016	PRB 180051	LBV 170013	3.6			87	54	104	37	112	36	94	37	88	36	90	37	105	40	77	30	83	35	106	27
6	LBV 260010	LBV 260010		LBV 230002	0.0			96	52	99	21	120	21	96	21	85	22	92	26	106	26					94	14
								★★★★☆																			
1	LBV 250002	LBV250002	PRB 180051	LBV 140013	0.1			79	51	103	37	115	35	87	35	99	35	89	35	100	39	92	28	87	33	109	25
								★★★																			
1	LBV 260013	LBV 260013		LBV 230026	0.0			93	50	92	18	115	18	97	18	79	20	79	23	95	24					85	14

