



SENEPOL

BREEDING VALUE REPORT

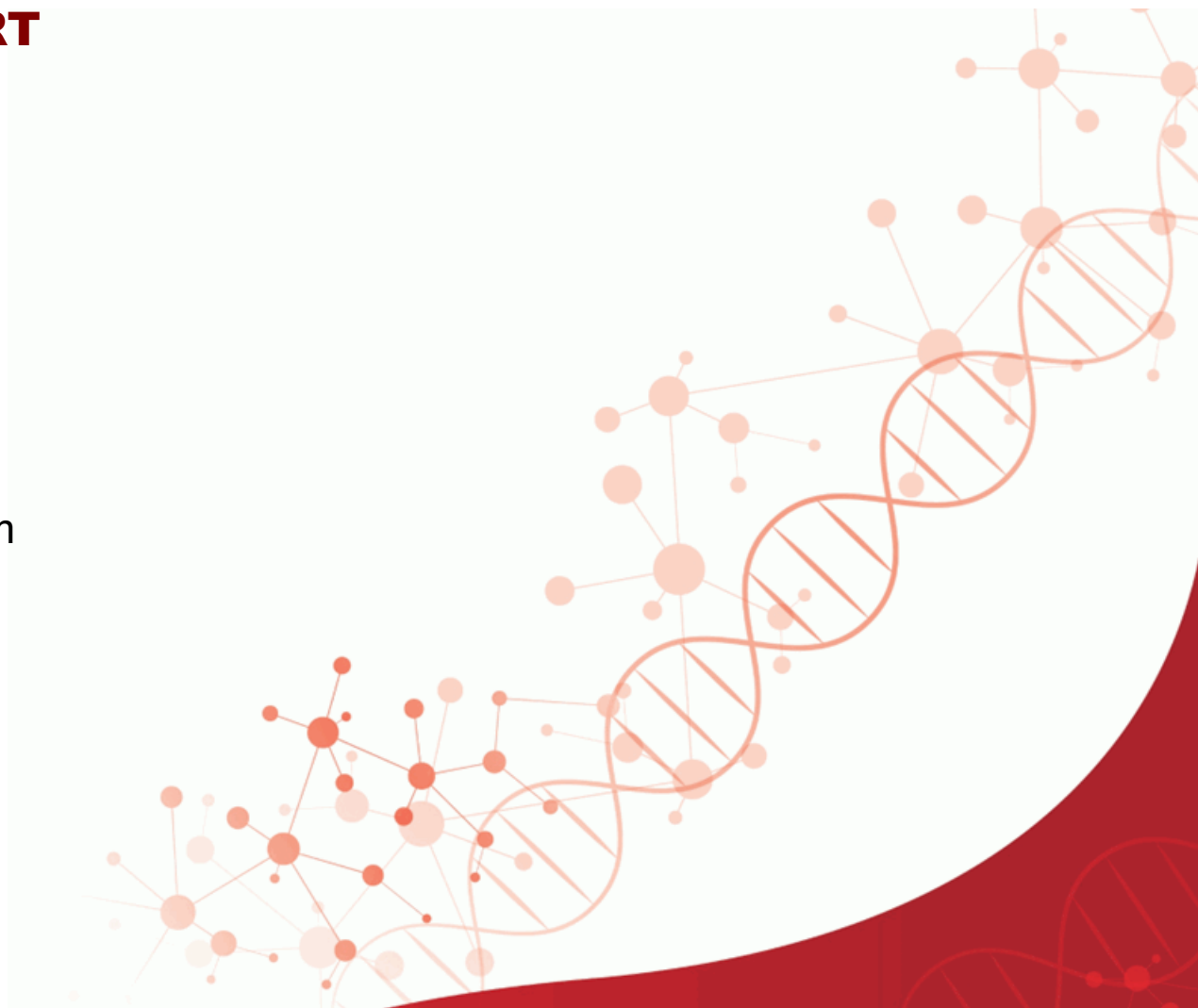
September 2026



MISS L. FERREIRA

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EBVs, EBVi's and Selection Values



Logix Cow Value

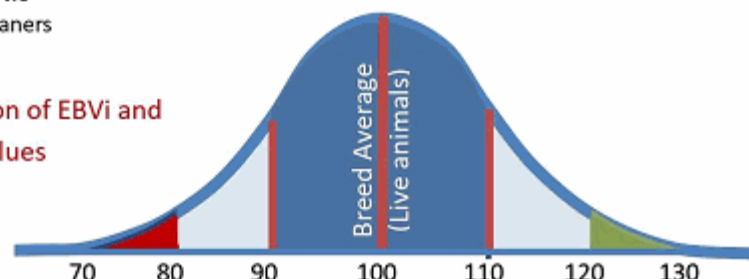
Selecting for:

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

Interpretation of EBVi and Selection Values

EBVi (EBVindex): The average EBVi of all the live animals in the breed is 100, and all EBVi values are expressed relative to this value. Values above 100 are always in a more desirable direction. Note that a very high index is not always desirable. For certain traits, such as birth weight, average values may be better.

EBV (Estimated Breeding Value) indicates the genetic potential of the animal for a specific trait. It is presented in the unit of measurement and relative to the average of animals born in the base year (1990 for most traits).

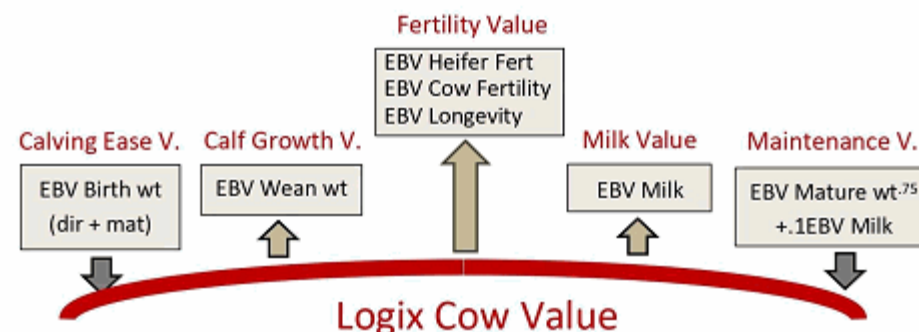


Logix Cow Value

<< Less favourable		Average	>> More favourable
Calving Ease Value	• Heavier birth weight	90 – 110: = 50% of population = Average = Safe choice	• Lower birth weight
Calf Growth Value	• Lower weaning wght		• Higher weaning wght
Milk Value	• Less milk		• More milk
Maintenance Value	• Higher maintenance (Heavier cow)		• Lower maintenance (Lighter cow)
Fertility Value	• Lower fertility		• Higher fertility
Cow Value	• Lower Cow Value		• Higher Cow Value

Selection values combine similar breeding values in a scientific manner to simplify the selection of animals. For example, HF (Heifer Fertility), CF (Cow Fertility) and Longevity are combined to form the Fertility Value by taking the heritability and economic importance in consideration. The sub-value is expressed in an index format, thus an animal with a sub-value of 110 for Fertility will genetically be above average compared to the live animals in the breed.

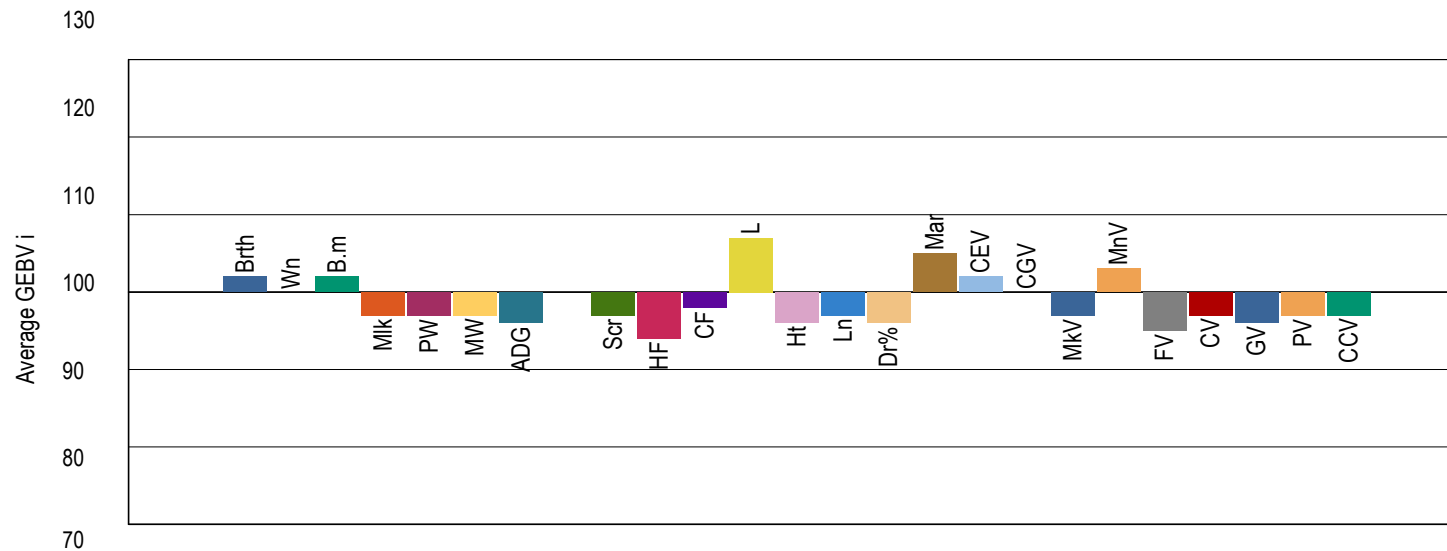
Cow Value combine relative selection values into a single value. This gives a quick and easy indication of the combined genetic value of an animal compared to the breed. It is advised to still look at the sub-values to see where the strengths and weaknesses lie.



The Logix Cow Value identifies fertile, genetically balanced animals. Balanced animals breed heavy weaners relative to cow weight.

	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
Mlk:	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
Prewrite Growth	Birth Weight	0.34	102	0.51
	Wean Weight	5.7	100	5.6
	Birth Mat.	-0.16	102	-0.08
	Milk (Wn.Mat.)	-1.9	97	-0.9
Postwean Growth	Postwean Wt	5.7	97	7.7
	Mature Weight	-1	97	2
	ADG	5	96	22
	FCR			
Fertility	Scrotal Circumf.	-1.3	97	0.2
	Heifer Fertility	1.9	94	-2.5
	Cow Fertility	0.3	98	-0.2
	Longevity	14.1	107	9.8
Frame	Height	-1	96	2
	Length	1	97	3
Carcass	Dressing%	44.03	96	44.09
	Marbling	0.54	105	0.39

Selection Value	Ave. Herd
Calving Ease	102
Calf Growth	100
Milk	97
Maintenance	103
Fertility	95
Cow Value	97
Growth Value	96
Production Value	97
Carcass Value	97

- 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?:

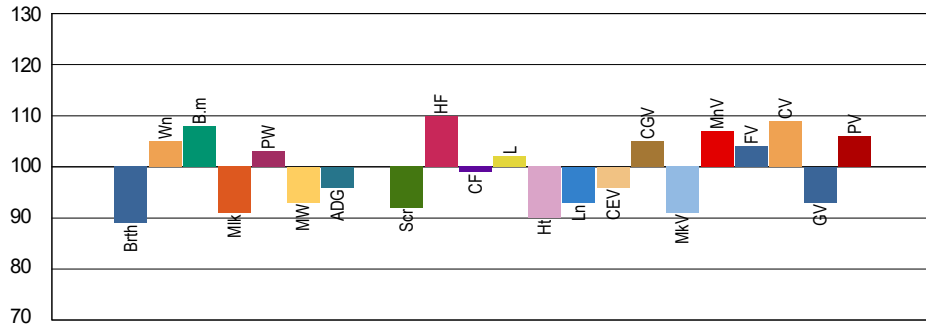
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

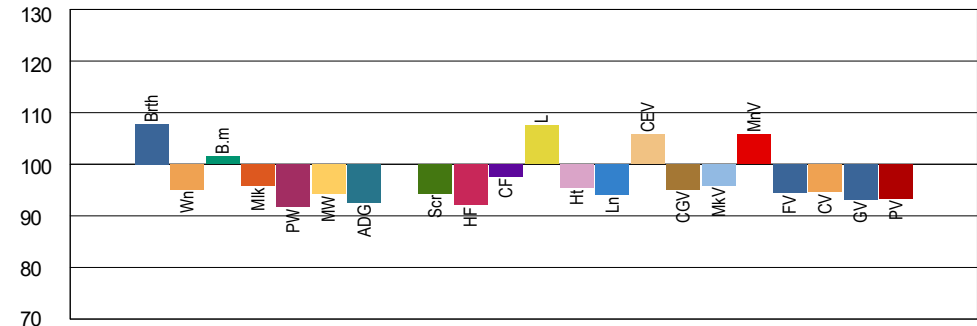
Total: 1



Cow Herd

Cows born in 2024 and earlier

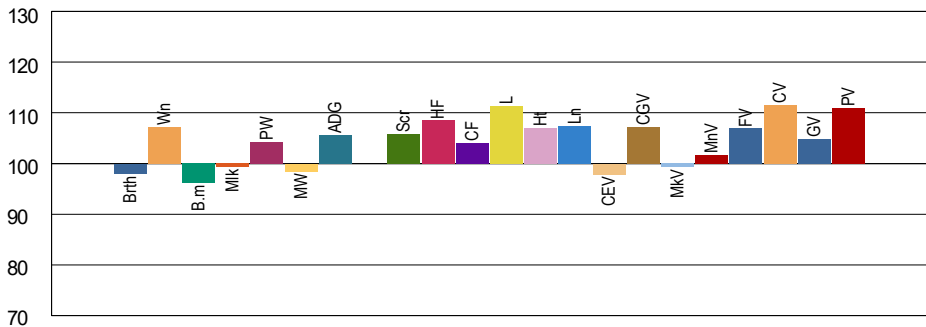
Total: 20



Sires of young animals

Sires of animals 3 years and younger

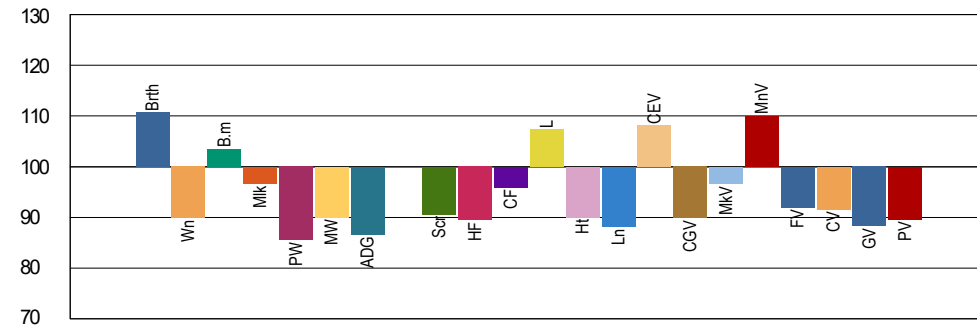
Total: 7



Cows older than 6 years

Cows born in 2020 and earlier

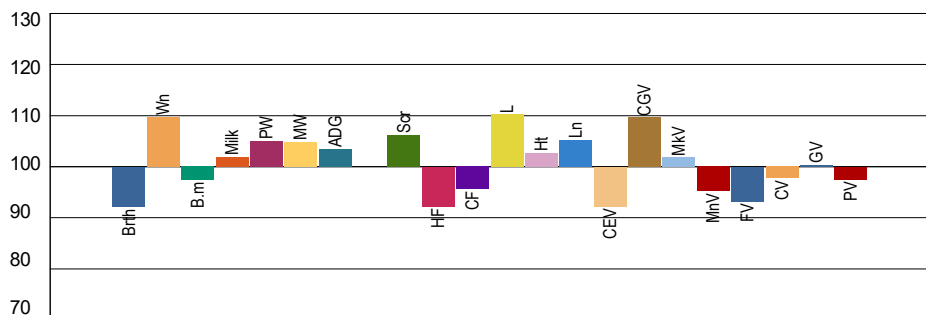
Total: 13



Bull calves

Bulls born in 2025

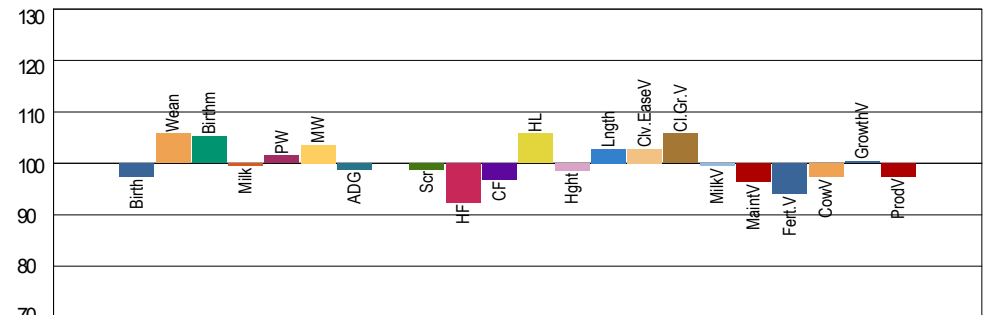
Total: 5



Heifer calves

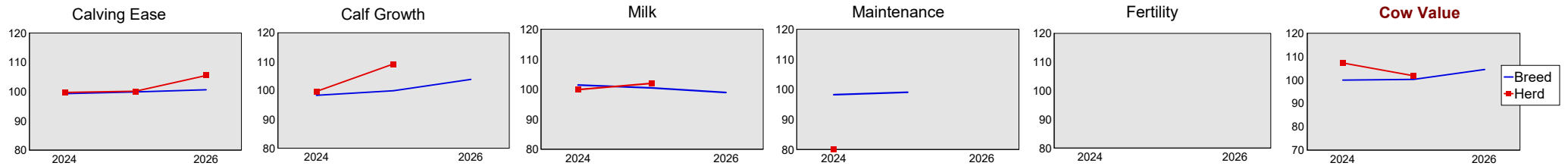
Heifers born in 2025

Total: 8



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.



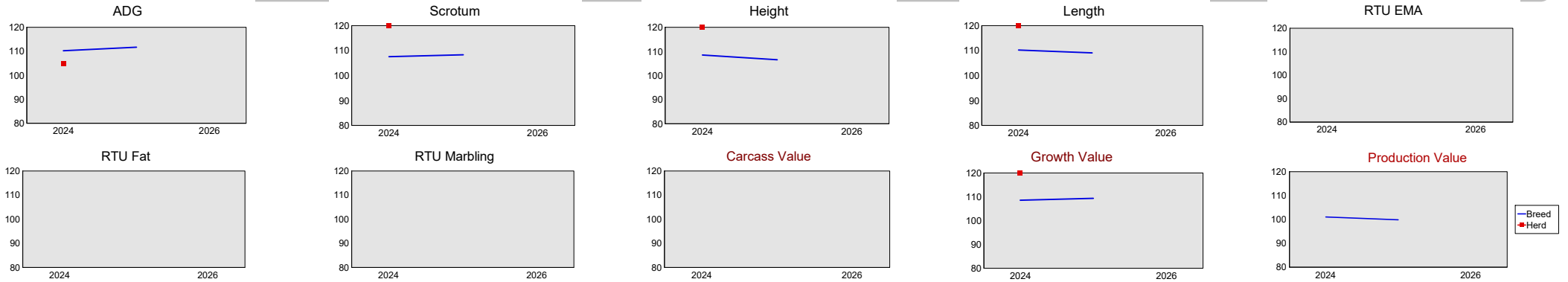
Herd

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		Mainte-nance	Heifer Fert.		Cow Fert.		Longevity		Ferti-lity	
	Number	Dir EBV			Number	EBV		Number	EBV		Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number			EBV
2024	14	-0.35	0.25	100	9	5.5	100	9	-0.93	100	1	3.0	78									107	
2025	14	0.47	-0.22	100	9	9.6	109	9	-0.21	102												102	
2026	4	0.58	-0.40	106																			

Breed

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance						Fertility								Cow Value
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Ferti- lity				
	Number	Dir EBV			Number	EBV		Number	EBV	Milk	Number	EBV	Number		EBV	Number	EBV	Number	EBV	Number		EBV	Number	EBV	
2016	1292	0.34	0.01	100	702	3.7	96	702	-2.30	96	482	4.3	136	-6	107	199	-1.8	146	1.1	1597	2.5	96	95		
2017	1430	0.42	0.02	99	938	3.9	96	938	-2.22	96	626	5.0	132	-3	105	207	0.0	155	0.3	1594	3.5	96	96		
2018	1571	0.42	-0.05	100	958	4.1	96	958	-1.83	97	597	6.8	140	1	100	187	-4.0	147	-0.1	1731	4.4	100	95		
2019	1515	0.49	-0.02	99	1032	4.7	98	1032	-2.07	96	522	6.7	128	2	101	184	0.3	151	0.2	1686	5.1	96	96		
2020	1228	0.55	0.03	98	705	5.0	99	705	-1.88	97	414	7.1	129	-1	103	160	0.7	103	-0.4	1404	4.9	96	96		
2021	1144	0.35	-0.06	101	706	5.4	99	706	-1.97	97	409	7.7	154	-2	101	159	-1.6	97	-0.7	1281	5.9	100	98		
2022	1327	0.49	-0.09	100	924	5.0	99	924	-1.19	99	521	7.8	112	2	99	194	-0.6	76	-0.7	675	5.3	98	98		
2023	1359	0.51	-0.10	100	967	5.7	100	967	-1.80	97	539	9.2	62	3	98	129	-4.4	1	1.3			101	99		
2024	1417	0.53	-0.06	99	1072	4.9	98	1072	-0.42	101	479	9.0			98								100		
2025	1438	0.49	-0.07	100	682	5.6	100	682	-0.72	100	160	9.9			99								100		
2026	604	0.46	-0.09	101	57	7.3	104	57	-1.27	99													105		

Genetic Trends for Growth Test Traits



Herd

Birth Year	Growth						Frame						Carcass						Selection Values			
	ADG			Scrotum			Height			Length			EMA			Fat		Marbling		Carcass Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	RTU Number	EBV	EBVi	EBV	EBVi	EBV	EBVi			
2024	1	40	105	1	10.2	121	1	21	129	1	24	121								122		
2025																						
2026																						

Breed

Birth Year	Growth						Frame			Carcass										Selection Values		
	ADG			Scrotum			Height			Length			EMA			Fat		Marbling		Carcass Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	RTU Number	EBV	EBVi	EBV	EBVi	EBV	EBVi			
2017	73	22	100	76	0.4	100	73	3	101	73	4	100	42	0.37	98	-0.12	107	0.55	105	98	99	94
2018	179	31	103	177	2.0	104	179	5	104	179	7	103	48	0.61	101	-0.30	101	0.39	100	105	103	95
2019	137	27	101	100	0.5	100	137	5	105	137	5	102	31	0.76	103	-0.13	106	0.41	101	104	102	98
2020	137	34	103	122	0.8	101	137	4	103	137	7	103	22	0.70	102	-0.45	98	0.68	109	100	104	96
2021	122	42	106	129	1.5	103	134	4	104	134	9	106	1	2.12	120	-1.06	81	1.55	134	91	106	98
2022	97	35	104	100	3.9	108	101	7	107	101	11	108	10	1.45	112	-0.26	103	0.36	99		103	101
2023	94	55	109	98	4.6	109	109	8	109	109	13	110									109	102
2024	111	59	110	113	3.8	108	112	7	108	112	14	110	14	1.16	108	-0.04	109	0.49	103	112	109	101
2025	38	65	112	38	4.2	108	38	6	107	38	12	109									109	100
2026																						

Sires

Bull			Selection Values									Birth		Wean				Grwth		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	Birth wt	Birth mat	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured			
ID Comp.nr																													Birth	Wean		
AB 130034 77983872	SS 080071 AB 011261		83	90	92	123	72	79	88	78	90	95	78	77	90	92	94	77	91	98	74	78	107	98	109	102	73	91	94	77		
			89	93	83	56	62	63	82	67	59	0.98	0.72	-23	1.3	-3.5	-9	-5.6	-10	-0.9	17.1	3.7	14.1	0	12.5	0.73	-1.36	0.09	11	19	48	
AB 180113 87952115	CIS 120005 AB 130138		90	134	80	56	112	101	113	103	131	74	135	144	134	80	93	129	119	98	112	109	119	111	126	131	126	113	66	52		
			84	90	71	57	56	60	84	65	12	2.98	-1.38	49	19.8	-7.4	-9	24.9	90	-0.5	-11.4	-1.8	21.5	9	28.8	2.92	0.57	0.83	19	8	10	
CIS 090011 68410018	RD 39J 98-0277SC		110	92	94	123	93	103	83	99	89	116	94	77	92	94	98	91	86	73	102	88	105	68	85	92	98	70	22	15		
			81	81	75	55	50	55	66	57	41	-0.99	0.13	-22	2.1	-2.7	2	2.5	-31	-13.1	-4.0	1.9	12.8	-19	-11.4	-0.10	-0.44	-0.63	3	12	31	
CN 210001 91830349	SS 160007 CN 170002		96	105	91	107	104	109	93	106	93	89	108	93	105	91	99	103	96	92	110	99	102	90	93	92	87	103	26	17		
			70	78	47	27	28	40	42	40	18	1.58	-0.37	-5	8.0	-3.7	6	9.4	7	-3.5	-9.7	0.1	11.2	-4	-3.6	-0.06	-0.84	0.47				
CS 200057 91153643	ELS 110014 CS 140035		90	129	123	85	136	146	115	144	120	55	122	115	129	123	135	129	116	114	131	130	108	111	119	120	106	106	39	35		
			76	86	59	28	42	48	26	44	14	4.77	-0.89	18	17.9	6.6	97	24.6	81	6.9	-25.7	-5.5	14.3	9	22.4	2.07	-0.16	0.59				
GN 110351 75706689	RBS9704G KL 070358		115	83	86	130	71	83	78	79	79	116	102	70	83	86	84	79	74	90	79	73	101	60	87	79	70	99	18	11		
			83	81	80	68	57	60	76	63	39	-1.01	-0.16	-30	-1.4	-5.6	-33	-4.5	-74	-4.5	13.1	4.8	10.6	-24	-9.3	-1.12	-1.45	0.35	2	13	42	
GN 150300 82842303	GN 100039 GN 090004		96	102	75	119	101	110	100	108	99	101	91	81	102	75	84	96	101	104	91	108	110	114	103	113	83	108	92	53		
			81	89	62	43	46	53	47	52	37	0.38	0.24	-18	6.6	-9.3	-32	5.4	27	2.1	4.0	-1.5	15.6	11	6.5	1.55	-0.99	0.67	1	4	4	
GN 160393 83888099	GN 100039 GN 110295		116	99	116	110	121	129	98	125	103	118	102	90	99	116	119	96	102	97	133	107	116	105	104	127	74	88	152	118		
			88	95	80	67	56	64	80	67	37	-1.17	-0.16	-9	5.3	4.4	57	5.5	29	-1.5	-27.5	-1.5	19.4	5	7.0	2.63	-1.31	-0.04	15	18	27	
GN 160475 84387497	RO 070064 GN 100050		96	110	80	88	77	76	84	75	94	81	117	112	110	80	86	100	90	93	76	84	99	83	94	91	96	100	55	42		
			83	89	70	52	50	57	59	57	25	2.34	-0.72	14	9.7	-7.5	-28	7.6	-16	-3.3	15.4	2.6	9.2	-9	-2.4	-0.17	-0.51	0.39	3	8	11	
GN 170635 85829182	GN 110341 GN 110469		92	90	96	117	89	91	87	88	92	109	76	83	90	96	95	84	90	92	104	81	115	100	93	91	109	112	45	38		
			77	88	57	36	42	50	62	52	54	-0.29	0.80	-17	1.3	-2.3	-5	-1.7	-13	-3.7	-5.8	3.3	18.6	2	-3.3	-0.14	-0.06	0.79	4	2	2	
KD 090009 67834861	HBC36M KL 040060		89	110	70	84	116	100	106	101	104	87	99	116	110	70	76	110	103	111	85	133	91	135	108	96	137	114	107	82		
			93	94	90	77	64	69	83	72	58	1.73	-0.04	19	9.8	-10.9	-53	13.7	34	5.7	8.9	-6.2	4.5	25	11.8	0.24	0.98	0.87	14	39	131	
KD 110019 74232794	RBS9704G KD 090007		110	70	78	148	72	82	59	75	63	135	92	52	70	78	68	65	64	101	105	51	90	56	62	80	75	166	123	79		
			92	94	88	79	68	70	88	74	72	-2.74	0.21	-49	-7.0	-8.3	-73	-13.1	-111	0.5	-6.0	8.6	4.0	-26	-34.1	-1.04	-1.29	2.62	25	34	88	
RO 070048 64903289	RD6801J 98-0277SC		107	109	73	136	111	139	94	133	94	106	103	64	109	73	96	100	96	83	118	104	93	82	89	94	105	71	3	1		
			78	72	77	57	50	54	61	55	44	-0.02	-0.19	-37	9.5	-9.7	-3	7.7	8	-7.9	-16.2	-0.8	5.4	-10	-7.4	0.08	-0.18	-0.59				
RO 160066 84224237	GN 110351 RO 130084		104	111	98	98	69	83	103	85	109	106	98	102	111	98	105	112	109	117	65	80	111	101	113	106	90	120	18	18		
			76	80	65	48	46	52	76	57	30	-0.04	-0.02	5	10.1	-1.7	22	14.5	55	8.6	23.9	3.3	16.7	3	16.0	1.02	-0.72	1.07	5	6	10	

Sires

Bull			Selection Values										Birth		Wean				Grwth		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	Birth wt	Birth mat	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured			
ID Comp.nr																													Birth	Wean		
RO 170056 85030922	GN 110351 CIS 110002	115	79	85	129	84	89	91	87	84	112	108	71	79	85	79	80	81	75	93	82	113	68	93	83	79	103	12	10			
		73	77	63	44	40	48	76	54	25	-0.64	-0.37	29	-3.3	-5.9	46	-4.1	-49	-11.8	2.6	3.0	17.7	-19	-3.7	-0.79	-1.14	0.49	5	4	5		
RO 170076 86347523	PRR 7013 GN 110273	90	109	102	87	119	111	128	116	120	109	73	113	109	102	104	114	126	127	115	117	118	125	125	136	80	68	83	64			
		82	91	66	48	47	55	76	59	58	-0.30	0.91	16	9.5	-0.3	18	15.7	116	13.1	-13.8	-3.3	20.5	18	28.5	3.36	-1.08	-0.71	5	9	12		
RO 200121 90852989	RO 160066 NP 120035	105	116	92	86	78	85	113	89	118	105	101	114	116	92	100	108	108	114	75	86	110	104	115	109	117	120	5	4			
		66	72	53	28	34	41	66	46	21	0.02	-0.11	17	12.3	-3.4	8	12.5	51	7.1	16.1	2.4	15.6	4	18.7	1.24	0.25	1.08					
SS 160007 84057926	SS 120056 SS 110013	93	119	97	92	104	112	107	112	112	86	106	108	119	97	109	114	111	104	113	97	103	99	116	109	77	113	62	49			
		81	91	62	39	44	52	73	56	19	1.80	-0.31	10	13.6	-1.9	30	16.2	64	2.3	-12.1	0.4	11.6	1	19.3	1.21	-1.21	0.81	10	2	3		
VL 170070 86489887	KD 110019 VL 130033	110	94	91	113	96	100	93	98	95	120	89	87	94	91	92	88	99	91	104	91	94	99	95	119	58	152	45	41			
		80	89	68	56	48	56	84	62	62	-1.34	0.32	-12	3.0	-3.9	-13	0.4	18	-4.3	-5.9	1.4	6.2	1	-1.6	2.02	-1.88	2.17	12	5	5		
WIO 160045 83711986	GN 100175 GN 110389	127	83	93	114	94	93	90	91	82	116	131	86	83	93	85	58	82	81	84	103	100	92	77	73	105	104	51	49			
		84	90	76	56	46	57	78	61	36	-0.99	-1.22	-13	-1.7	-3.3	-30	-16.8	-44	-9.0	9.4	-0.7	9.5	-4	-19.9	-1.54	-0.19	0.51	13	15	29		

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		Fertility				Frame		Carcass		
ID	Animal no	% Inbreeding	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
			Sire ID Dam ID																											
CN 210001	91830349	3	SS 160007 CN 170002	9670	10578	9147	10727	10428	10940	9342	10640	9318	891.58 87	108-0.37 47	93-5 27	1058.0 78	91-3.7 47	996 51	1039.4 65	967 40	92-3.5 43	110-9.7 38	990.1 19	10211.2 58	90-4 44	93-4 43	92-0.06 18	87-0.84 17	1030.47 16	
LFB 250003	98948474	5	GN 170635 RO 200021	9951	9156	9541	10726	7829	7733	8538	7634	8929	108-0.27 58	880.37 41	93-5 26	912.0 56	95-2.7 41	91-14 41	912.4 46	87-28 36	91-4.1 40	858.6 41	793.7 17	11418.3 46	89-5 41	88-9 40	85-0.66 30	107-0.12 28	1070.61 27	
LFB 250007	99223034	4	RO 200121 RO 190025	10056	12263	10541	8625	8921	10233	12339	10634	12614	990.63 68	101-0.12 40	11417 25	12215.1 63	1050.9 41	11649 43	11214.7 40	11992 36	12110.4 41	7913.5 27	990.0 15	10914.9 40	11914 42	12428 40	1171.88 15	1150.19 13	1211.09 13	
LFB 250008	99460396	3	RO 200121 RO 190044	10755	10863	10043	8620	9020	8932	10938	9233	11114	1040.16 67	106-0.29 40	11417 20	1088.9 63	100-0.9 43	10111 42	1007.6 40	10539 36	1084.3 41	858.8 26	960.6 15	10814.3 40	1055 42	10812 40	1030.76 15	1140.14 13	1120.80 13	
LFB 250009	99471971	6	GN 160393 RO 200026	8261	11568	10551	10439	9934	11342	9846	11043	10321	782.58 71	99-0.06 48	96-2 39	11512.1 68	1050.9 51	11956 53	11214.8 52	10332 44	1031.5 48	99-2.1 45	990.0 24	11720.2 49	1012 49	1058 48	1141.66 22	83-0.99 20	1030.49 20	
LFB 250018	99762833	1	CN 210001 RO 110013	7358	11249	10444	9320	11018	10828	10535	10829	10218	723.16 68	930.17 45	1079 20	11210.6 49	1040.4 44	11034 38	11013.6 39	10334 33	1084.2 37	113-12.1 24	105-1.1 13	10311.3 41	991 38	1014 37	940.08 19	101-0.34 17	1070.62 16	
LFB 260002	6020891591	3	CN 210001 RO 170016	11558	9253	9544	11734	11226	11534	8634	11034	8914	112-0.65 69	106-0.32 43	83-16 34	922.3 53	95-2.5 44	96-2 44	912.5 43	91-13 32	90-4.4 36	116-15.0 32	105-1.1 19	10914.9 42	80-11 37	86-11 35	90-0.26 15	91-0.68 13	88-0.01 13	
LFB 260003	6020891609	4	CN 210001 RO 210006	9556	11251	9238	9622	9724	10230	9428	10030	9614	842.04 68	112-0.53 40	1046 22	11210.7 51	92-3.5 38	10110 37	10912.9 44	967 26	93-3.0 29	99-2.0 33	960.6 14	10110.6 40	92-3 29	970 28	92-0.06 14	101-0.32 13	1030.50 12	

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		Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Index EBV Acc Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
RO 100026 75313007		RO 070048	84 77	108 66	101 79	114 39	114 34	124 44	103 56	121 46	103 34	91 1.40 75	85 0.46 79	86 -13 39	108 9.1 66	101 -0.6 79	113 42 61	111 14.3 54	104 37 52	104 2.4 60	115 -13.7 44	109 -1.8 24	104 12.3 64	93 -3 61	101 4 58	95 0.12 37	123 0.46 32	88 -0.04 32
RO 160013 84554211	5	GN 110351 RO 130072	96 72	91 70	84 73	114 40	99 43	95 47	87 46	93 47	84 28	102 0.31 75	90 0.30 69	86 -13 40	91 1.8 70	84 -6.0 73	84 -34 61	93 3.7 54	83 -42 44	86 -6.4 47	101 -3.3 57	98 0.3 29	100 9.9 61	87 -7 48	91 -5 47	83 -0.78 29	86 -0.87 27	114 0.87 26
RO 170001 84804772	5	KD 090009 RO 080633	109 75	96 72	80 76	79 59	110 44	85 52	92 44	85 50	92 30	106 -0.02 77	106 -0.31 73	121 24 59	96 3.9 72	80 -7.4 76	75 -57 69	96 5.4 56	89 -19 42	95 -2.4 44	95 1.0 52	117 -3.3 36	94 6.0 64	117 13 46	96 -1 45	88 -0.38 32	124 0.50 29	102 0.46 29
RO 170016 85914455	7	CIS 090011 RO 140092	117 75	78 72	99 75	127 63	119 42	117 52	80 53	111 52	85 22	136 -2.91 77	105 -0.26 72	73 -27 63	78 -3.5 72	99 -1.3 75	93 -11 70	79 -4.4 56	85 -33 50	88 -5.4 57	123 -20.2 52	111 -2.2 32	115 18.7 60	70 -18 58	78 -18 56	87 -0.46 23	96 -0.52 21	74 -0.50 20
VL 170048 86489861	9	KD 110019 GN 130875	113 75	67 72	74 75	146 63	77 47	82 54	57 50	74 53	60 38	130 -2.34 77	91 0.26 72	54 -48 63	67 -8.3 72	74 -9.6 75	60 -95 70	65 -13.2 59	60 -124 49	81 -8.8 51	96 0.7 60	70 5.2 34	104 12.1 64	58 -26 53	58 -39 52	73 -1.54 39	81 -1.04 37	152 2.16 36
NP 190024 89172548	8	AB 130034 NP 140055	110 72	85 70	85 69	117 43	77 47	78 48	78 46	75 48	80 34	108 -0.26 76	104 -0.24 67	83 -16 43	85 -0.7 70	85 -6.0 69	80 -44 61	73 -8.2 53	77 -61 44	84 -7.4 47	74 17.1 60	85 2.5 34	113 17.5 61	82 -10 48	87 -9 47	80 -1.00 35	102 -0.32 32	93 0.16 31
RO 190025 89038087	1	WIO 160045 RO 150026	100 68	106 68	124 61	104 42	99 24	111 41	110 40	112 41	109 18	102 0.34 73	97 0.03 61	96 -2 42	106 8.0 68	124 7.0 61	129 81 57	97 6.2 60	107 47 38	105 2.9 42	88 6.6 32	107 -1.4 16	104 12.1 55	111 9 42	107 10 41	102 0.70 19	108 -0.10 17	107 0.64 17
RO 190044 89623623		WIO 160045 RO 080081	111 68	92 67	109 66	94 29	101 23	93 38	95 39	92 38	92 18	106 -0.05 72	109 -0.42 62	106 8 29	92 2.4 67	109 2.2 66	101 12 54	86 -0.6 59	90 -14 37	92 -3.5 41	96 0.6 30	105 -1.0 16	101 10.5 52	97 0 41	89 -7 40	86 -0.57 19	108 -0.07 17	98 0.30 17
RO 190503 89772255	1	RO 170056 RO 080611	109 67	84 62	94 55	120 38	96 37	96 42	83 44	92 42	81 16	108 -0.20 72	103 -0.20 60	80 -19 38	84 -1.3 62	94 -2.9 55	89 -20 52	87 0.2 56	78 -59 41	76 -11.5 46	109 -9.2 49	88 2.0 25	113 17.8 52	70 -17 47	85 -12 45	81 -0.95 16	92 -0.66 15	98 0.31 14
RO 200001 89772263	2	WIO 160045 RO 140092	128 71	75 70	99 66	133 47	115 40	118 47	84 46	112 47	80 19	129 -2.23 75	139 -1.51 65	67 -34 47	75 -5.1 70	99 -1.2 66	92 -12 61	61 -15.2 58	83 -40 44	91 -4.2 49	110 -10.5 53	114 -2.7 26	107 14.2 56	91 -4 49	77 -19 48	76 -1.34 20	99 -0.41 18	90 0.05 18
RO 200013 90852997	3	WIO 160045 RO 140048	110 69	105 67	107 59	91 36	89 40	92 44	113 47	95 45	107 26	102 0.37 74	112 -0.54 63	109 12 36	105 7.9 67	107 1.4 59	107 27 54	93 3.4 60	106 45 45	103 1.6 49	76 15.9 56	101 -0.4 24	106 13.2 56	122 16 50	109 13 48	99 0.48 27	109 -0.04 25	125 1.22 25
RO 200021 90905381	3	RO 160066 NP 130030	107 65	93 68	94 59	96 36	67 39	64 43	83 44	63 43	86 21	108 -0.25 72	99 -0.05 55	104 6 36	93 2.6 68	94 -3.0 59	88 -22 54	98 6.6 61	83 -42 42	90 -4.5 47	66 23.0 55	77 4.0 23	114 17.9 54	78 -12 48	83 -14 46	78 -1.17 22	105 -0.19 20	101 0.43 20

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		Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
		Sire ID Dam ID																											
RO 200026 90934860	17	RO 160066 RO 160011	97 66	98 68	90 63	108 37	76 40	82 44	84 46	80 44	88 20	100 0.48	94 0.15	92 -6	98 4.9	90 -4.2	93 -11	98 6.4	89 -19	95 -2.2	69 20.8	88 2.0	116 19.6	83 -9	90 -6	88 -0.42	88 -0.80	110 0.74	
RO 200041 91194365	3	WIO 160045 VL 160019	98 67	98 69	117 64	101 47	70 40	78 46	102 46	81 46	99 26	101 0.45	95 0.09	99 1	98 4.9	117 4.9	116 49	86 -0.8	97 11	92 -3.6	60 28.1	86 2.3	108 14.5	105 5	97 0	96 0.25	98 -0.45	105 0.55	
RO 210006 92239029	2	GN 160475 RO 110014	105 71	111 65	92 58	86 35	89 37	89 42	95 36	89 41	99 20	93 1.15	116 -0.67	114 17	111 10.2	92 -3.7	96 -3	108 12.2	96 6	94 -2.6	89 5.8	92 1.2	101 10.1	95 -2	100 3	92 -0.06	116 0.20	104 0.52	
AB 220091 94088648	3	AB 180113 AB 090266	97 64	121 67	95 54	77 35	100 38	100 42	102 50	100 44	114 12	86 1.86	113 -0.57	123 27	121 14.7	95 -2.4	103 17	117 17.7	108 51	95 -2.3	90 4.8	107 -1.4	108 14.8	109 8	111 14	111 1.40	133 0.81	114 0.87	
AB 220150 94397973	6	VL 170070 AB 160176	122 62	92 69	95 52	112 42	89 35	95 43	94 52	94 45	91 34	124 -1.79	103 -0.18	88 -11	92 2.1	95 -2.6	94 -8	93 3.5	100 20	97 -1.2	96 0.7	88 2.0	105 12.8	106 5	99 2	106 1.03	70 -1.45	123 1.18	
LFB 240001 97099915	11	GN 150300 GN 110362	99 56	102 58	87 51	118 36	98 36	110 39	100 40	108 39	98 30	103 0.25	93 0.16	82 -17	102 6.4	87 -5.1	97 -1	98 6.5	102 29	99 -0.2	99 -1.7	98 0.1	107 13.7	104 4	100 4	107 1.11	76 -1.23	103 0.49	
LFB 240005 97099956	1	RO 170076 NP 190024	103 62	101 67	91 49	100 33	98 33	97 40	106 44	98 41	103 34	111 -0.52	89 0.30	100 2	101 6.0	91 -3.8	93 -9	96 5.3	104 37	108 4.1	93 2.6	102 -0.6	115 18.9	106 6	109 12	111 1.39	92 -0.67	82 -0.22	
LFB 240007 97144679	2	RO 170076 RO 160013	88 61	100 67	95 50	103 32	109 32	104 39	104 44	104 40	99 32	100 0.53	81 0.62	97 -1	100 5.6	95 -2.6	97 -1	104 9.9	101 25	103 1.9	108 -8.9	107 -1.4	110 15.6	103 4	105 8	106 1.04	82 -1.01	89 0.02	
LFB 240011 97204309	1	RO 170076 RO 190044	96 60	108 66	105 47	89 28	111 26	107 36	114 42	109 37	109 30	101 0.43	92 0.20	111 14	108 9.1	105 0.7	107 25	106 11.2	111 62	112 6.3	104 -5.5	112 -2.4	110 15.9	114 11	111 14	114 1.64	95 -0.55	85 -0.14	
LFB 250001 98642986		AB 220150	111 31	90 34	105 26	102 21	99 18	94 21	95 26	93 22	94 17	113 -0.75	99 -0.04	98 -1	90 1.4	105 0.8	99 5	92 3.0	97 10	98 -0.6	103 -5.0	96 0.6	85 0.9	101 3	98 1	100 0.51	90 -0.73	106 0.59	
LFB 250002 98786742	3	RO 200121 AB 220091	101 46	119 49	94 38	81 22	89 26	93 29	108 42	95 32	116 12	95 0.94	107 -0.34	119 22	119 13.5	94 -2.9	102 12	113 15.1	108 51	104 2.4	83 10.4	96 0.5	109 15.2	106 6	113 16	110 1.32	125 0.53	117 0.98	
LFB 250004 99223018	12	RO 200121 RO 160013	95 57	99 63	91 46	105 24	88 28	90 35	92 40	89 36	93 18	98 0.72	94 0.14	95 -3	99 5.4	91 -3.8	94 -8	98 6.7	88 -24	93 -3.2	90 5.0	90 1.6	102 11.2	88 -6	95 -2	88 -0.37	100 -0.39	113 0.82	

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		Fertility				Frame		Carcass		
ID	% Inbreeding	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
		EBV Acc																										
Sire ID	Dam ID																											
LFB 250005	5	CN 210001	112	84	89	118	90	89	77	85	78	111	104	82	84	89	83	78	78	80	94	90	110	78	81	78	92	93
99234015		NP 190024	57	65	43	26	28	36	31	35	19	-0.51	-0.24	-17	-1.3	-4.7	-35	-5.2	-58	-9.3	1.8	1.7	15.7	-12	-16	-1.19	-0.66	0.15
												70	41	26	65	43	45	42	30	32	35	20	44	33	32	20	18	17
LFB 250006	4	RO 200121	118	111	89	85	84	87	105	89	109	115	109	115	111	89	93	105	103	105	81	90	108	100	108	101	117	113
99223026		RO 210006	56	62	40	22	26	33	38	34	14	-0.86	-0.41	18	10.3	-4.6	-9	10.6	31	2.5	11.6	1.6	14.3	2	12	0.64	0.23	0.81
												68	41	22	62	40	41	40	35	41	34	17	40	41	40	15	14	14
LFB 250010	1	CS 200057	88	128	116	86	113	125	117	126	116	60	118	114	128	116	128	120	114	111	102	117	109	119	117	112	108	117
99471948		RO 200013	58	66	42	23	30	36	27	34	15	4.25	-0.76	17	17.4	4.3	81	19.6	72	5.4	-3.9	-3.2	15.3	14	20	1.49	-0.07	0.96
												70	43	23	66	42	44	46	26	28	38	21	44	28	28	16	14	14
LFB 250012	1	CS 200057	86	118	119	91	103	113	111	114	112	75	109	109	118	119	127	111	109	105	94	109	110	110	110	110	102	106
99460412		RO 200041	58	66	44	28	29	37	26	35	14	2.91	-0.43	11	13.3	5.5	78	14.0	53	2.6	1.9	-1.8	15.9	8	13	1.32	-0.28	0.61
												70	42	28	66	44	46	46	25	28	37	21	44	28	27	15	14	13
LFB 250017	5	RO 200121	111	97	93	103	87	88	98	89	100	112	102	97	97	93	92	95	93	95	92	87	113	87	100	95	104	109
99596041		RO 190503	54	47	38	24	25	30	40	32	13	-0.63	-0.14	-1	4.2	-3.4	-12	4.6	-4	-2.2	3.4	2.2	17.8	-7	3	0.15	-0.21	0.70
												66	39	24	47	38	36	39	37	43	32	18	40	44	42	14	12	12
LFB 260004	5	CN 210001	104	95	88	112	90	93	85	91	86	99	106	88	95	88	89	88	87	88	92	92	108	86	90	86	94	98
6020891617		NP 190024	56	52	42	26	28	33	31	33	19	0.58	-0.30	-11	3.4	-4.9	-20	0.4	-27	-5.4	3.7	1.3	14.3	-7	-7	-0.53	-0.58	0.32
												68	41	26	52	42	40	42	30	32	35	20	42	33	32	20	18	17

Selection List on Cow Value
Bulls 2 years and older

ID Sorted on ID		Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc		Growth Value Acc	Prod Value Acc	Carcass Value Acc
						★★★★									
1	CN 210001	CN 210001	SS 160007	CN 170002	2.8	9670	10578	9147	10727	10428	10940		9342	10640	9318

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc		Growth Value Acc	Prod Value Acc	Carcass Value Acc	
					★★★★★										
1	RO 100026	RO1026	RO 070048	0.0	8477	10866	10179	11439	11434	12444		10356	12146	10334	
					★★★★☆										
1	LFB 240001	LFB 240001	GN 150300	GN 110362	10.8	9956	10258	8751	11836	9836	11039		10040	10839	9830
2	RO 170016	RO 170016	CIS 090011	RO 140092	7.3	11775	7872	9975	12763	11942	11752		8053	11152	8522
3	RO 190025	RO 190025	WIO 160045	RO 150026	1.3	10068	10668	12461	10442	9924	11141		11040	11241	10918
4	RO 200001	RO 200001	WIO 160045	RO 140092	1.7	12871	7570	9966	13347	11540	11847		8446	11247	8019
					★★★★										
1	AB 220091	AB220091	AB 180113	AB 090266	2.9	9764	12167	9554	7735	10038	10042		10250	10044	11412
2	LFB 240007	LFB 240007	RO 170076	RO 160013	1.5	8861	10067	9550	10332	10932	10439		10444	10440	9932
3	LFB 240011	LFB 240011	RO 170076	RO 190044	1.1	9660	10866	10547	8928	11126	10736		11442	10937	10930
					★★★☆☆										
1	AB 220150	AB220150	VL 170070	AB 160176	5.9	12262	9269	9552	11242	8935	9543		9452	9445	9134
2	LFB 240005	LFB 240005	RO 170076	NP 190024	1.4	10362	10167	9149	10033	9833	9740		10644	9841	10334
3	RO 160013	RO 160013	GN 110351	RO 130072	5.3	9672	9170	8473	11440	9943	9547		8746	9347	8428
4	RO 190044	RO 190044	WIO 160045	RO 080081	0.0	11168	9267	10966	9429	10123	9338		9539	9238	9218
5	RO 190503	RO 190503	RO 170056	RO 080611	1.4	10967	8462	9455	12038	9637	9642		8344	9242	8116
6	RO 200013	RO 200013	WIO 160045	RO 140048	2.9	11069	10567	10759	9136	8940	9244		11347	9545	10726
					★★★										
1	RO 170001	RO 170001	KD 090009	RO 080633	4.5	10975	9672	8076	7959	11044	8552		9244	8550	9230
2	RO 200026	RO 200026	RO 160066	RO 160011	16.6	9766	9868	9063	10837	7640	8244		8446	8044	8820
3	RO 210006	RO 210006	GN 160475	RO 110014	2.2	10571	11165	9258	8635	8937	8942		9536	8941	9920
4	VL 170048	VLOTVLEI	KD 110019	GN 130875	9.2	11375	6772	7475	14663	7747	8254		5750	7453	6038

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID		Name		Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc		Growth Value Acc	Prod Value Acc	Carcass Value Acc
								★★★								
1	NP	190024	NP 190024	AB 130034	NP 140055	8.4	11072	8570	8569	11743	7747	7848		7846	7548	8034
2	RO	200041	RO 200041	WIO 160045	VL 160019	2.9	9867	9869	11764	10147	7040	7846		10246	8146	9926
								★								
1	RO	200021	RO 200021	RO 160066	NP 130030	3.1	10765	9368	9459	9636	6739	6443		8344	6343	8621

Selection List on Cow Value

Bull calves younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc		Growth Value Acc	Prod Value Acc	Carcass Value Acc
					★★★★★									
1	LFB 250009	LFB 250009	GN 160393	RO 200026	5.7	82 61	115 68	105 51	104 39	99 34	113 42	98 46	110 43	103 21
2	LFB 260002	LFB 260002	CN 210001	RO 170016	3.3	115 58	92 53	95 44	117 34	112 26	115 34	86 34	110 34	89 14
					★★★★									
1	LFB 250007	LFB 250007	RO 200121	RO 190025	3.9	100 56	122 63	105 41	86 25	89 21	102 33	123 39	106 34	126 14
2	LFB 250018	LFB 250018	CN 210001	RO 110013	1.3	73 58	112 49	104 44	93 20	110 18	108 28	105 35	108 29	102 18
3	LFB 260003	LFB 260003	CN 210001	RO 210006	3.9	95 56	112 51	92 38	96 22	97 24	102 30	94 28	100 30	96 14
					★★									
1	LFB 250008	LFB 250008	RO 200121	RO 190044	3.5	107 55	108 63	100 43	86 20	90 20	89 32	109 38	92 33	111 14
					★★★									
1	LFB 250003	LFB 250003	GN 170635	RO 200021	4.7	99 51	91 56	95 41	107 26	78 29	77 33	85 38	76 34	89 29

Selection List on Cow Value

Heifers younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc		Growth Value Acc	Prod Value Acc	Carcass Value Acc
					★★★★									
1	LFB 250010	LFB 250010	CS 200057	RO 200013	0.5	8858	12866	11642	8623	11330	12536	11727	12634	11615
					★★★★☆									
1	LFB 250012	LFB 250012	CS 200057	RO 200041	0.8	8658	11866	11944	9128	10329	11337	11126	11435	11214
					★★★★☆									
1	LFB 250001	LILY		AB 220150	0.0	11131	9034	10526	10221	9918	9421	9526	9322	9417
2	LFB 250002	DAISY	RO 200121	AB 220091	3.1	10146	11949	9438	8122	8926	9329	10842	9532	11612
3	LFB 250004	LFB 250004	RO 200121	RO 160013	11.5	9557	9963	9146	10524	8828	9035	9240	8936	9318
4	LFB 260004	LFB 260004	CN 210001	NP 190024	4.8	10456	9552	8842	11226	9028	9333	8531	9133	8619
					★★★									
1	LFB 250005	LFB 250005	CN 210001	NP 190024	4.8	11257	8465	8943	11826	9028	8936	7731	8535	7819
2	LFB 250006	LFB 250006	RO 200121	RO 210006	4.2	11856	11162	8940	8522	8426	8733	10538	8934	10914
3	LFB 250017	LFB 250017	RO 200121	RO 190503	5.1	11154	9747	9338	10324	8725	8830	9840	8932	10013

