

BONSMARA

GENOMIC BREEDING VALUE REPORT

September 2026



MC STAY BONSMARA

Herd Number: 699541

E-mail: jaystay17@gmail.com



 **LOGIX**



EBVs, EBVi's and GEBVs

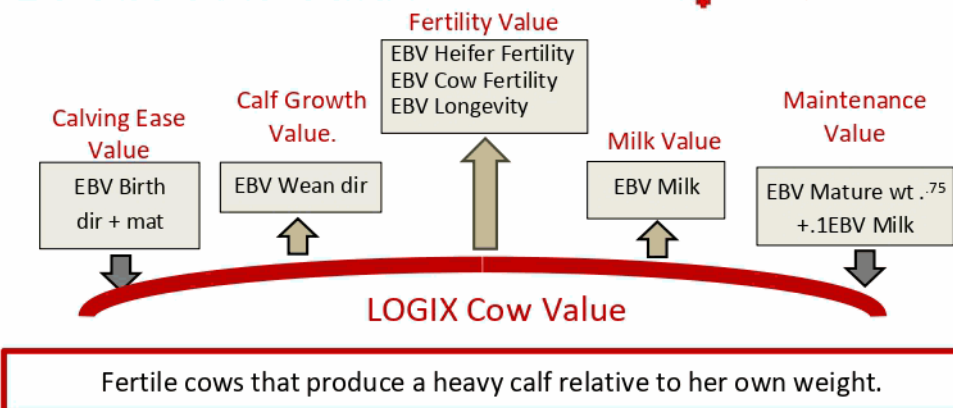
EBVi (Breeding Value Index): Genetic potential relative to the average (100) of the live (active) animals in the breed. Roughly 50% of the animals have values between 90 and 110. Values above 100, depending on the trait, tend to be in the more favourable direction.

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

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

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

LOGIX Cow Value



Selection Values

LOGIX Cow Value



Selecting for:

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

LOGIX Growth Value



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

How to use the Cow Value

Selection values should be compatible with your selection goal.

AVERAGE ANIMALS

(NO GROWTH EXTREMES)

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

GROWERS

(GOOD ENVIRONMENT)

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

LOW- MAINTENANCE ANIMALS

(HARSH ENVIRONMENT)

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

LOGIX Weaner Calf Value



Select for:

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

LOGIX Carcass Value



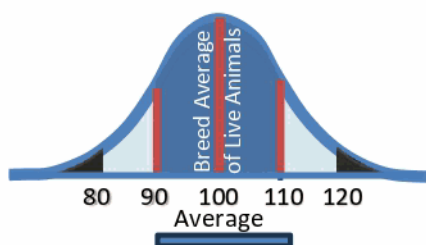
Select for more meat on the carcass as measured from end weight in Phase C and D Growth Tests and RTU scanning.

LOGIX Production Value



80% LOGIX Cow Value +
20% LOGIX Growth Value

Interpretation of EBVi and Selection Values

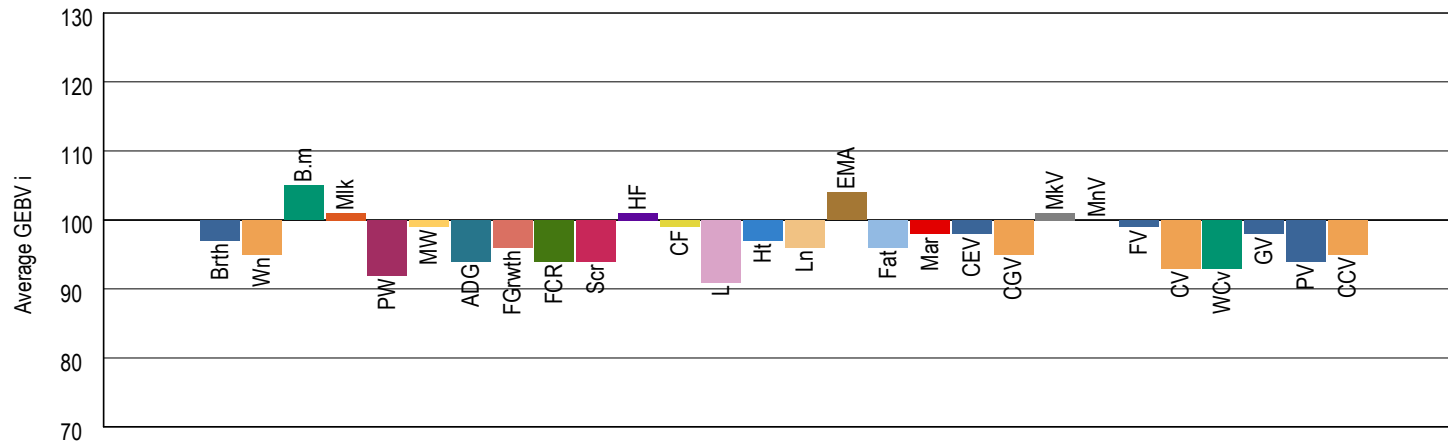


Examples

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

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

Herd and Breed Averages



Genomic Breeding Values (GEBVs):

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

Selection Values:

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

	Trait	EBV Herd	EBVi Herd	EBV Breed
Prewrite Growth	Birth Weight	1.32	97	0.98
	Wean Weight	12.2	95	14.9
	Birth Mat.	-0.53	105	-0.28
	Milk (Wn.Mat.)	4.1	101	3.7
Postwean Growth	Postwean Wt	18	92	25
	Mature Weight	21	99	22
	ADG	57	94	79
	VeldGrowth	25	96	35
	FCR	-27	94	-37
Fertility	Scrotal Circumf.	9	94	13
	Heifer Fertility	-9.7	101	-9.1
	Cow Fertility	-0.35	99	-0.56
	Longevity	26.6	91	31.8
Frame	Height	-5.2	97	-3.1
	Length	10.0	96	13.6
Carcass	EMA	1.085	104	0.683
	Fat	-0.603	96	0.055
	Marbling	-0.186	98	-0.056

Selection Value	Ave. Herd
Calving Ease	98
Calf Growth	95
Milk	101
Maintenance	100
Fertility	99
Cow Value	93
Weaner Calf Value	93
Growth Value	98
Production Value	94
Carcass Value	95

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

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

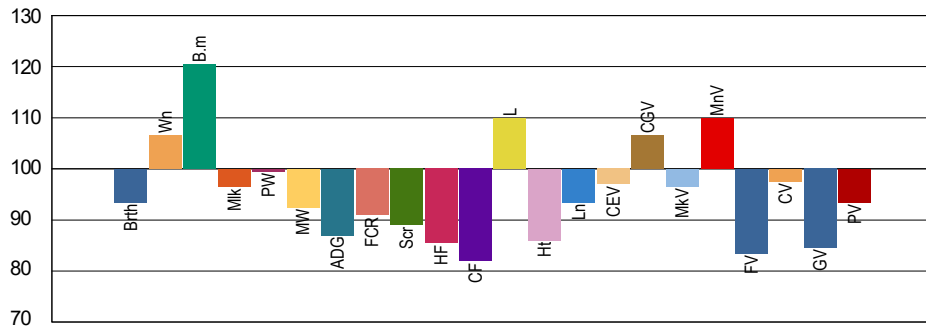
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

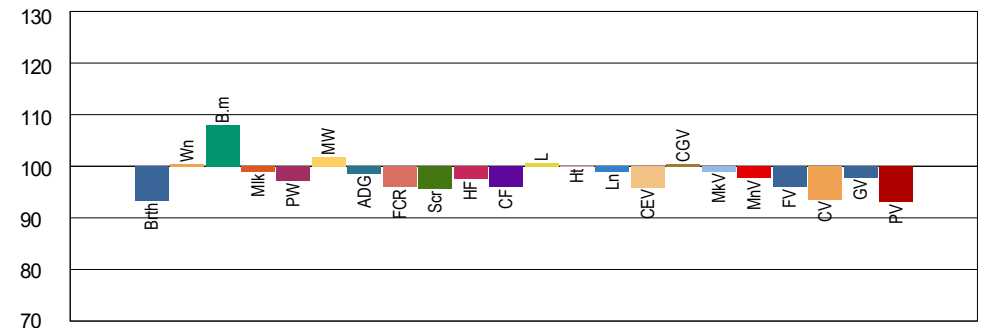
Total: 2



Cow Herd

Cows born in 2024 and earlier

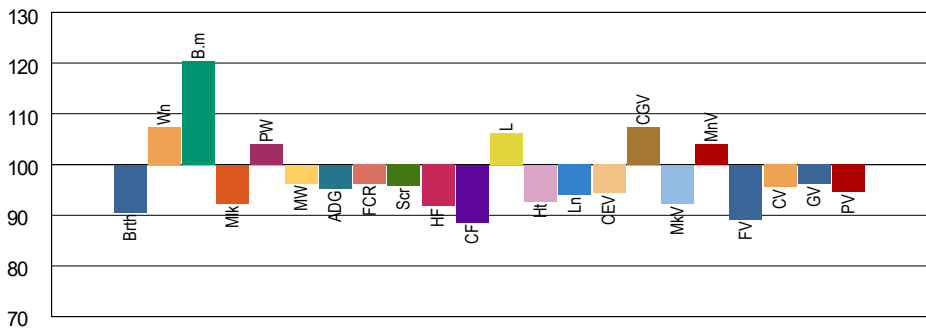
Total: 94



Sires of young animals

Sires of animals 3 years and younger

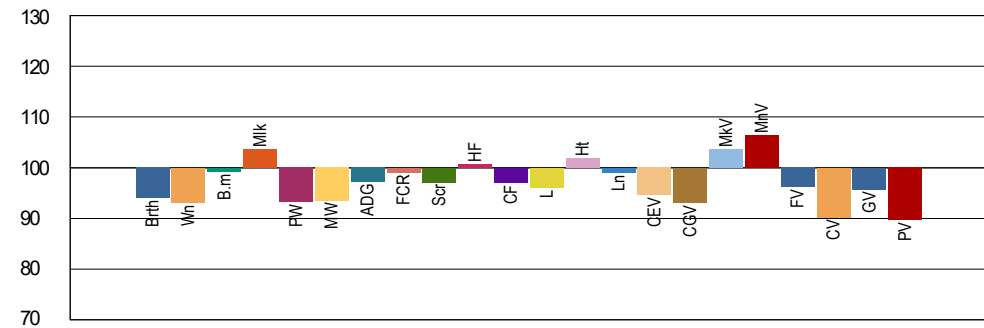
Total: 7



Cows older than 6 years

Cows born in 2020 and earlier

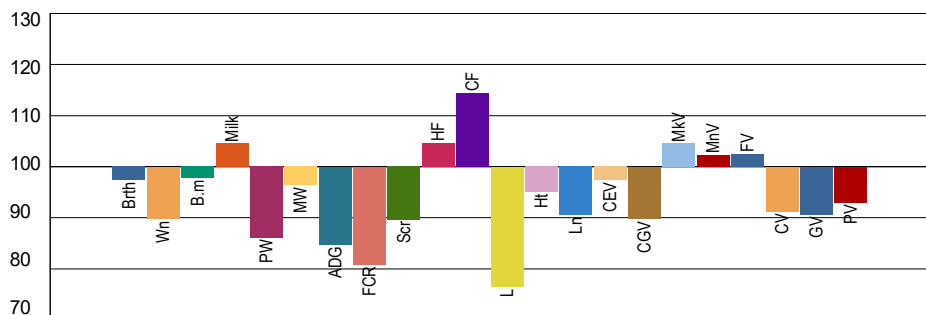
Total: 19



Bull calves

Bulls born in 2025

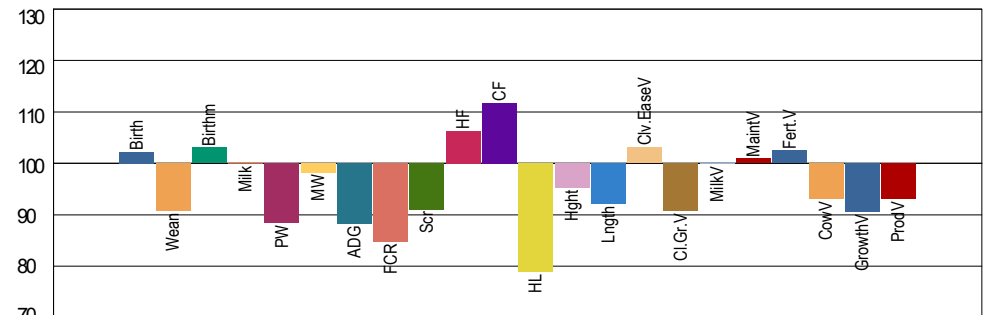
Total: 25



Heifer calves

Heifers born in 2025

Total: 34

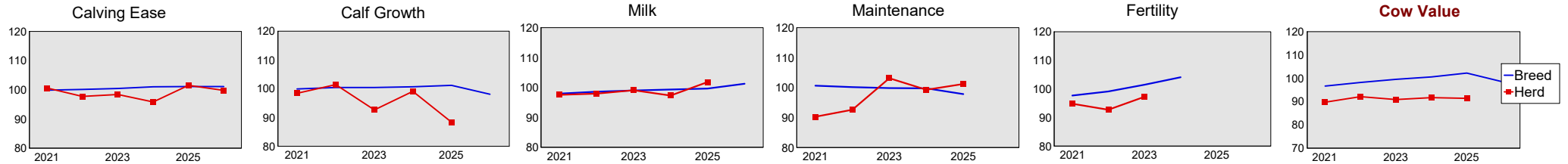


Summary of Cow Herd

			Selection Values (SV)								Calf Weight		Dam		Growth & Efficiency				Fertility				Frame	
Birth Year	No. Cows	Average Cow Value	Calving Ease	Calf Grwth	Milk	Maint.	Fertility	Cow Value	Growth Value	Prod Value	Birth Weight	Wean Weight	Birth Mat.	Milk (Wn.Mat)	Postwn Weight	Mature Weight	ADG	FCR	Scrotal Circumf.	Heifer Fertility	Cow Fertility	Longevity	Height	Length
Cows in Breed Average:			100	99	100	100	100	100	99	100	100	99	100	100	99	100	100	100	100	100	100	100	101	100
2014	2	★★★★	101	77	133	93	97	97			101	77	112	133	78	105			98		77			
2015	5	★★★★☆	87	83	119	96	107	87			92	83	82	119	75	101	91		101	101		94	101	98
2016	2	★★★☆☆	116	69	76	115	92	61	81	60	115	69	108	76	81	88	82	88	80	110	94	80	93	81
2017	8	★★★★	100	85	103	115	97	90	92	88	101	85	97	103	84	86	94	97	96	100	102	93	100	93
2018	7	★★★★☆	101	80	111	106	108	87	90	90	102	80	96	111	79	93	92	93	83	108	103	99	98	94
2019	9	★★★★	91	96	113	98	95	95	110	102	92	96	97	113	92	101	108	113	106	104	83	97	110	115
2020	3	★★★★	94	93	104	104	103	93	95	92	93	93	106	104	87	94	95	93	103	101	104	104	103	100
2021	9	★★★★	102	98	96	90	97	90	108	93	101	98	108	96	97	110	106	97	94	102	93	100	97	100
2022	20	★★★★	98	105	98	90	96	96	101	96	95	105	114	98	100	111	100	93	93	99	94	101	99	102
2023	23	★★★★	94	98	98	102	97	92	92	91	92	98	107	98	93	96	94	93	97	95	100	100	99	94
2024	24	★★★★	95	105	98	97	95	96	98	96	90	105	110	98	101	103	99	99	95	94	94	104	101	100
2025	34	★★★★	103	91	100	101	103	93	91	93	102	91	103	100	88	98	88	85	91	106	112	79	95	92
2026	18	★★★★	101	93	102	102	101	95	101	98	100	93	106	102	91	97	93	89	94	105	105	86	95	93
Cows in Herd Average:			99	90	104	101	99	90	96	91	98	90	104	104	88	99	95	96	94	102	99	93	99	97

Genetic Trends for On-Farm Traits

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



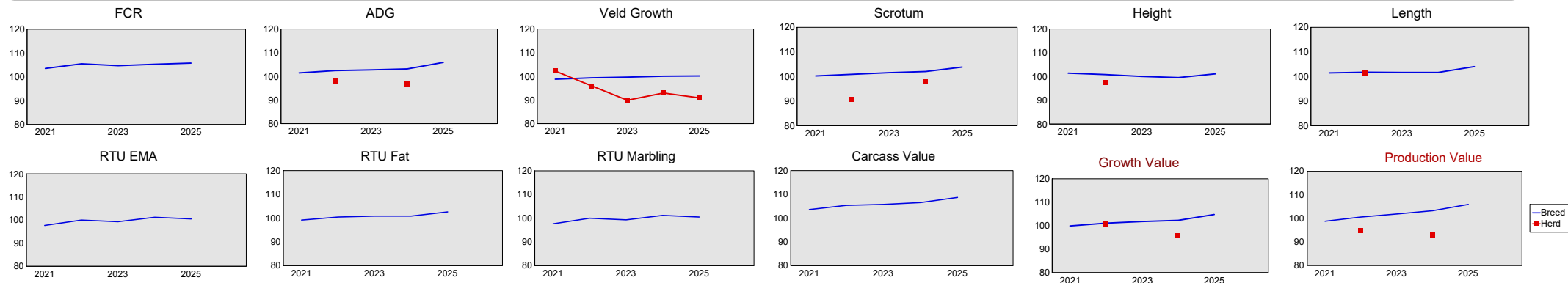
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance					Fertility								Cow Value
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Postwean Weight		Mature Weight		Mainte-nance	Heifer Fert.		Cow Fert.		Longevity		Ferti-lity			
	Number	Dir EBV			Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	
2021	53	1.12	-0.56	101	47	14.2	98	47	2.97	98	26	24.2	17	39	90	14	-8.2	11	0.6	50	27.8	95	90	
2022	89	1.49	-0.73	98	81	15.7	101	81	3.09	98	43	25.5	21	39	93	22	-6.4	7	-0.3	47	28.5	93	92	
2023	83	1.37	-0.49	98	68	11.0	93	68	3.43	99	45	16.8			103	15	-7.1					97	91	
2024	77	1.74	-0.66	96	73	14.4	99	73	2.90	97	56	22.1			99								92	
2025	74	0.87	-0.34	102	72	8.8	88	72	4.24	102	6	23.5			101								91	
2026	44	1.21	-0.72	100																				

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

Genetic Trends for Growth Test and Carcass Traits



Herd

Birth Year	Growth									Frame						Carcass						Selection Values						
	FCR			ADG			Veld Growth			Scrotum			Height			Length			RTU 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	Number	EBV	EBVi	EBV	EBVi	EBV	EBVi			
2021							24	41	102																			
2022				10	72	98	40	26	96	10	7.4	91	10	-5	97	10	15	101							101	95		
2023							42	11	90																			
2024				14	67	97	45	19	93	14	11.5	98														96	93	
2025							6	14	91																			
2026																												

Breed

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

Sires

Bull			Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny			
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Vaid growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured		
ID Comp.nr																																		Birth	Wean	Grwth Test
AG 150769 82608076		AG 130115 AG 130268	119 93	96 96	97 80	111 82	64 61	88 78	102 91	104 86	89 80	123 84	86 5	118 -0.94	106 -2.4	88 4	96 13.0	97 2.7	100 74	93 18.7	107 106	94 20	106 -46	89 -0.27	97 11.0	58 14.9	74 4.1	105 34.8	83 -17	96 10.1	99 0.61	143 6.91	114 1.14	160 41	128 18	21
BEI 120127 76350339		BEI 070118 BEI 080018	122 95	69 95	108 90	133 90	67 88	74 85	80 93	92 90	74 86	76 90	72 -15	126 -1.76	87 0.2	71 -21	69 -1.6	108 6.2	93 55	66 -5.4	97 68	81 -9	95 -28	101 0.37	80 0.8	65 10.7	87 1.8	82 20.9	93 -9	70 -12.5	43 -5.03	74 -4.02	89 -0.95	62 19	53 11	34
BP 140027 80243645		LAR 070055 BP 090040	80 90	112 90	86 88	102 88	98 86	93 82	101 89	93 86	92 83	90 86	102 27	72 3.88	109 -2.7	97 18	112 21.1	86 -0.5	101 75	100 24.6	95 61	95 24	106 -47	91 -0.15	116 22.3	102 -10.3	98 -0.1	98 30.4	98 88	99 12.5	112 1.86	87 -1.97	131 2.53	4 2	4 2	11
BP 150006 81277238		WCS 060011 BP 110052	76 88	129 88	92 78	85 77	120 57	120 73	120 85	116 50	120 68	129 40	118 48	69 4.24	86 0.4	117 46	129 30.5	92 1.2	110 98	119 42.2	118 149	74 -26	117 -65	84 -0.58	104 15.3	117 -18.7	108 -2.1	115 41.0	105 1	121 31.9	136 4.32	98 -0.28	144 3.65	27 10	27 24	
BPJ 060004 62755400		FCT 000065 RCO 990248	120 89	75 89	71 83	127 79	90 67	71 76	68 87	88 74	71 76	89 70	81 -2	117 -0.76	111 -3.1	79 -9	75 1.6	71 -5.1	58 -28	86 12.1	89 39	83 -5	89 -18	113 1.02	74 82	103 67	94 51	88 82	82 81	78 75	105 67	133 72	103 67	32 6	30 12	46
CS 200074 91500405		LAR 160211 AG 170040	91 89	97 90	102 87	103 87	85 86	85 81	94 89	89 85	84 82	86 85	100 23	89 2.09	96 -1.0	95 14	97 13.5	102 4.3	102 78	99 24.2	86 27	96 25	89 -18	131 2.06	110 18.5	92 -4.4	80 3.0	105 34.8	85 -15	83 -1.1	101 0.77	81 -2.96	88 -1.04	2 19	2	
CS 220045 94237617		LAR 170384 TW 190022	91 90	110 86	102 85	96 85	89 84	99 79	109 86	124 84	104 80	110 83	102 27	90 1.97	121 -4.4	103 85	110 86	102 85	110 85	117 40.2	114 131	120 84	97 -32	93 -0.07	100 13.0	103 -10.9	84 2.4	100 31.8	90 -11	97 11.0	141 4.77	93 -1.06	103 0.23	19	1	
CS 230021 95508909		RPE 190167 CS 200007	106 87	97 87	96 84	127 83	100 82	106 78	106 86	83 82	101 79	86 81	79 82	103 0.67	114 -3.4	78 -10	97 13.6	96 2.5	107 91	90 16.0	82 12	93 19	87 -16	103 0.49	88 5.4	104 -11.4	91 1.0	116 41.7	83 -17	82 -2.2	99 0.62	105 0.81	84 -1.38	1		
GCS 160016 83956359		ARB 100073 GCS 130077	80 92	115 94	89 79	96 79	92 58	93 76	104 89	104 40	94 69	103 14	98 20	67 4.41	88 0.1	103 26	115 22.8	89 0.2	102 79	106 30.6	103 90	81 -10	99 -34	86 -0.43	109 17.9	81 1.7	105 -1.4	107 35.9	104 0	101 14.4	112 1.90	83 -2.68	99 -0.15	88 7	82 13	23
GT 190104 89837926		AG 150769 GT 150012	88 79	116 82	97 57	93 56	67 41	89 61	112 74	86 56	86 60	114 46	104 28	84 2.70	105 -2.3	107 32	116 23.7	97 2.7	108 93	109 32.7	92 48	84 -3	95 -28	102 0.42	90 6.5	67 9.9	73 4.3	104 34.0	89 -12	105 18.1	93 0.01	138 6.05	102 0.11	14 2	14	
JRP 150031 82285685		LAR 100031 JRP 100038	77 91	131 92	148 81	83 81	40 63	108 77	150 88	122 45	111 71	121 46	116 46	50 6.18	79 1.3	115 44	131 31.3	148 18.5	210 257	127 49.3	120 156	106 51	128 -82	104 0.56	108 17.4	66 10.2	45 9.2	89 25.4	116 9	132 42.2	148 5.44	79 -3.29	96 -0.42	58 12	53 34	
LAR 130029 78078854		BP 100017 LAR 100020	92 84	106 84	98 75	93 68	84 58	89 70	99 80	114 60	93 68	123 54	105 30	98 1.18	87 0.2	107 32	106 18.2	98 3.2	101 75	112 36.0	110 115	96 27	107 -48	130 2.01	119 24.2	73 6.6	94 0.6	107 35.9	75 -23	95 9.5	108 1.44	139 6.17	144 3.65	15 2	14 6	18
LAR 140106 80516677		AG 070457 LAR 110029	90 98	120 98	87 95	98 95	112 77	114 86	114 97	121 73	117 83	120 92	105 30	92 1.81	90 -0.2	101 24	120 25.7	87 -0.2	107 90	122 44.9	116 141	111 63	113 -58	130 1.97	117 22.7	99 -8.6	112 -2.7	112 38.9	95 -7	113 24.9	114 2.08	93 -1.03	76 -2.04	328 92	285 82	188
LAR 170248 86116209		AJF 130415 LAR 130291	92 86	120 90	69 65	98 60	94 51	97 68	106 81	102 46	97 64	102 41	101 25	92 1.85	123 -4.7	102 25	120 25.8	69 -5.8	92 53	113 36.2	103 91	94 22	118 -66	95 0.04	82 2.0	97 -7.6	89 1.3	108 36.7	113 7	114 26.3	119 2.55	96 -0.61	83 -1.46	43 2	37 1	2

Sires

Bull			Selection Values									Birth			Wean				Grwth & Adaptation					Fertility				Raam		Carcass			Progeny				
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Weaner Calf V	Growth Value	Prod. Value	Carcass V	Cow wt brth	Birth wt	Cow-Calf birth	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured			
ID																																		Comp.nr	Birth	Wean	
																																			Grwth Test	Dght & clvs (Weaned)	
LAR 170384	LAR 140173		110	119	81	80	77	95	113	138	104	114	122	105	124	124	128	119	81	90	127	129	127	110	88	89	90	78	96	87	102	138	93	106	66	53	
861171116	LAR 120184		91	92	80	85	62	77	89	58	73	52	54	0.46	-4.8		58	25.0	-2.3	48	49.0	187	102	-53	-0.33	6.5	-3.6	3.4	29.7	-13	15.3	4.45	-0.97	0.45	4	20	28
													77	95	86		85	92	80	86	87	70	69	40	82	79	70	38	79	77	71	4.45	52	53	52		
LAR 180198	LAR 150282		90	118	75	88	98	96	103	99	95	110	113	87	117		114	118	75	89	112	95	78	82	112	75	99	93	108	88	99	119	99	64	12	10	
87542478	LAR 120354		80	82	66	67	49	65	77	46	61	49	41	2.34	-3.9		43	24.7	-3.9	47	35.7	62	-17	-6	0.99	-1.9	-8.2	0.6	36.6	-13	12.8	2.58	-0.18	-3.11		3	3
													56	85	72		67	82	66	72	72	64	22	25	77	73	53	28	66	71	65	48	50	48			
LAR 180321	LAR 150282		84	119	98	90	76	93	113	95	92	107	113	79	105		111	119	98	109	113	91	98	87	115	78	81	75	106	97	111	130	84	65	17	18	
87755260	LAR 130282		92	92	89	89	87	83	91	88	84	87	41	3.12	-2.2		38	24.9	3.1	96	36.3	46	32	-15	1.17	-0.5	2.0	3.9	35.3	-5	23.4	3.71	-2.46	-2.98	3	3	3
													87	93	90		89	92	89	90	90	89	87	85	91	91	87	85	89	90	89	87	87	87			
MOR 160068	TOR 120234		83	124	84	91	107	108	113	81	102	94	110	80	114		110	124	84	103	111	85	96	93	108	97	105	105	105	102	102	100	89	93	143	126	
85620185	MOR 130004		93	96	82	85	60	78	92	50	72	16	37	3.05	-3.4		37	27.9	-1.3	80	35.1	23	25	-24	0.79	11.2	-11.8	-1.4	34.8	-1	15.3	0.67	-1.70	-0.69	30	20	29
													76	97	87		85	96	82	88	93	81	45	13	90	89	66	31	83	88	82	15	16	15			
PAD 100132	CSW 010014		106	105	83	110	82	92	102	100	92	103	92	102	115		90	105	83	95	105	94	102	87	100	72	99	79	98	81	91	115	95	98	182	151	
72076862	PAD 050099		96	97	91	87	74	83	94	54	77	45	12	0.78	-3.6		7	17.4	-1.5	61	29.5	56	41	-15	0.31	-3.7	-8.4	3.2	30.7	-18	5.4	2.22	-0.67	-0.22	6	41	109
													72	98	91		87	97	91	92	95	69	37	37	78	76	78	52	92	74	70	44	46	44			
PAD 130127	AG 090762		98	110	99	89	105	107	107	107	107	104	107	94	118		111	110	99	102	110	108	111	121	99	93	92	111	107	112	115	109	100	99	169	135	
79051256	PAD 080032		96	96	90	67	68	79	91	44	72	52	33	1.57	-4.0		39	20.2	3.3	77	33.9	111	62	-72	0.29	8.5	-4.5	-2.4	35.8	6	27.1	1.56	0.10	-0.17	1	42	87
													62	98	84		67	96	90	84	94	61	24	25	68	67	75	41	89	66	61	50	53	50			
RPE 190167	PAD 150078		113	96	91	115	97	100	99	85	96	83	86	109	117		86	96	91	96	94	87	85	88	105	91	99	98	103	85	76	105	98	86	57	45	
90185885	RPE 100008		88	90	68	54	54	69	81	46	64	36	5	0.01	-3.9		1	12.7	0.9	63	19.3	28	-1	-18	0.57	7.2	-8.3	-0.3	33.5	-15	-7.8	1.13	-0.34	-1.27	3	1	1
													41	93	72		54	90	68	71	88	59	58	30	58	67	59	34	70	56	53	35	38	36			
VV 030346	VV 000318		107	101	110	130	129	134	117	117	133	121	76	114	72		74	101	110	128	107	117	107	145	116	145	147	124	85	112	115	90	143	93	545	493	
47827266	VV 970265		99	99	99	99	97	91	99	98	92	97	-9	-0.45	2.2		-16	15.4	6.7	141	31.3	142	52	-110	1.19	39.9	-35.7	-4.8	22.8	7	26.5	-0.34	6.83	-0.67	190	160	571
													98	99	99		99	99	99	99	99	98	95	96	99	99	97	95	99	99	98	97	97	97			

Growth Tests

Animal					Weight		Conformation				Growth & Efficiency					Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Length/Height	Scrotum	Intake	ADG	FCR	Veld Growth	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID																
201801 C41 F BUFLAND BOERDERY		0635622MIX																	
		BEI 170019	BEI 120127	106	100	90	88	109	68	82	88	111	104	69	96	64	71	90	84
		86036597	BEI 130016	65	76	17	3	4	1.07	1.9	0.64	120	-44	-38	65	-2.95	-4.57	-0.88	63
						67	62	70	66	54	63	61	63	27		59	67	59	
202002 D11 M G10 BONSMARA`S		0652785BON																	
		GT 190104	AG 150769	89	116	101	105	89	126	90	110	92	95	84	86	93	138	102	114
		89837926	GT 150012	61	82	27	18	-12	1.23	6.5	0.24	48	-28	-3	56	0.01	6.05	0.11	46
						70	62	70	66	75	43	64	43	58		45	48	46	
202501 D11 M MC STAY BONSMARA		0699541BON																	
		CS 240016	RPE 190167	96	102	88	82	87	96	89	95	95	87	81	96	112	93	89	92
		97228753	CS 210014	50	67	16	-2	-14	1.14	6.3	0.51	60	-15	-9	39	1.89	-1.11	-0.95	22
						60	32	34	33	67	18	53	18	82		22	23	22	22
		CS 240020	RPE 190167	115	100	86	80	90	86	83	106	89	86	84	89	96	94	93	90
		97249197	CS 210056	51	68	14	-4	-11	1.12	2.6	0.32	37	-14	-3	46	0.25	-0.84	-0.66	33
						62	38	41	40	68	31	55	31	34		32	34	32	
		CS 240039	LAR 170248	89	109	109	116	115	98	94	107	99	103	116	97	112	96	94	107
		97321434	CS 150001	50	67	34	28	9	1.15	9.3	0.29	76	-42	74	36	1.88	-0.54	-0.56	20
						60	32	35	34	67	11	52	11	86		20	21	20	20
		CS 240041	GCS 160016	89	106	103	98	104	90	95	96	97	90	102	99	102	88	97	100
		97382097	CS 150010	52	68	29	12	0	1.13	9.8	0.50	66	-20	40	34	0.86	-1.86	-0.31	7
						60	22	25	24	67	7	52	7	87		7	7	7	7

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80

Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass					
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	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 -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
GT 190104	89837926	1	AG 150769 GT 150012				88 79	116 82	97 57	93 56	67 41	89 61	112 74	86 56	86 60	114 46	104 28 55	84 2.70 85	105 -2.3 65	107 32 56	116 23.7 82	97 2.7 57	108 93 65	109 32.7 74	92 48 64	84 -3 58	95 -28 43	102 0.4 76	90 6.5 75	67 9.9 40	73 4.3 22	104 34.0 61	89 -12 70	105 18 62	93 0.01 45	138 6.05 48	102 0.11 46
CS 230021	95508909	1	RPE 190167 CS 200007				106 87	97 87	96 84	127 83	100 82	106 78	106 86	83 82	101 79	86 81	79 -5 82	103 0.67 88	114 -3.4 85	78 -10 83	97 13.6 87	96 2.5 84	107 91 85	90 16.0 86	82 12 92	93 19 82	87 -16 81	103 0.5 82	88 5.4 83	104 -11.4 82	91 1.0 80	116 41.7 84	83 -17 82	82 -2 82	99 0.62 81	105 0.81 81	84 -1.38 81
CS 240002	97143614	2	RPE 190167 TW 190058				91 69	104 56	105 49	103 46	78 36	91 48	105 55	95 27	90 44	92 22	94 15 38	89 2.13 74	96 -1.1 56	95 15 46	104 17.2 56	105 5.2 49	111 100 50	103 28.0 54	96 64 34	97 28 31	102 -41 18	107 0.7 35	103 14.3 38	86 -0.8 37	78 3.4 22	105 34.8 49	96 -7 33	92 7 32	110 1.71 22	94 -0.95 23	90 -0.92 22
CS 240016	97228753	1	RPE 190167 CS 210014				112 65	102 67	86 46	101 44	91 34	96 50	99 60	96 39	95 48	92 22	97 19 38	109 0.02 71	112 -3.2 53	98 19 44	102 16.0 67	86 -0.5 46	91 51 52	101 25.6 68	95 60 53	81 -9 82	87 -15 18	100 0.3 36	89 6.3 67	95 -6.1 37	90 1.2 20	106 35.5 46	87 -14 34	82 -2 32	112 1.89 22	93 -1.11 23	89 -0.95 22
CS 240020	97249197	1	RPE 190167 CS 210056				115 65	100 68	98 48	110 45	112 36	115 51	106 61	89 46	110 50	90 33	90 11 40	112 -0.26 70	111 -3.1 54	89 5 45	100 14.8 68	98 3.0 48	104 83 54	95 20.3 62	89 37 55	84 -3 34	86 -14 31	88 -0.4 42	83 2.6 68	107 -12.8 38	110 -2.4 22	112 39.3 48	90 -11 41	80 -4 38	96 0.25 32	94 -0.84 34	93 -0.66 32
CS 240028	97291330	1	GT 190104 TW 180017				100 66	102 68	97 49	97 45	92 32	94 51	99 61	88 30	91 47	105 27	98 21 43	95 1.52 72	111 -3.0 54	101 24 45	102 15.7 68	97 2.8 49	98 69 54	96 21.2 68	92 51 36	66 -47 29	93 -26 22	100 0.3 42	88 5.7 41	85 -0.6 32	96 0.1 17	106 35.2 46	97 -6 39	102 16 35	96 0.26 26	117 2.78 28	100 -0.10 26
CS 240039	97321434		LAR 170248 CS 150001				82 66	109 67	89 50	89 44	99 29	89 50	94 61	97 36	89 47	107 20	110 37 36	82 2.81 71	95 -0.9 54	112 40 44	109 19.7 67	89 0.4 50	93 57 54	100 25.4 64	99 76 52	116 74 86	103 -42 11	98 0.2 38	94 9.3 67	101 -9.6 25	94 0.5 14	103 33.7 47	115 9 35	116 28 32	112 1.88 20	96 -0.54 21	94 -0.56 20
CS 240041	97382097		GCS 160016 CS 150010				78 67	106 68	96 55	90 52	101 32	89 52	93 63	99 34	89 48	100 7	103 28 44	74 3.66 72	88 0.0 58	110 37 52	106 18.3 68	96 2.5 55	97 66 58	97 22.2 66	97 66 52	102 40 87	90 -20 7	98 0.2 28	95 9.8 67	90 -3.4 33	107 -1.8 15	106 35.6 49	104 0 25	98 12 22	102 0.86 7	88 -1.86 7	97 -0.31 7
CS 250009	98981863	1	RPE 190167 CS 220031				102 66	103 65	97 46	94 44	94 34	96 49	100 59	98 28	96 45	96 22	104 29 31	98 1.20 71	110 -3.0 54	105 29 44	103 16.5 65	97 2.9 46	98 68 52	100 24.5 53	99 75 35	85 0 35	91 -23 18	99 0.3 36	93 8.8 40	98 -8.2 37	94 0.4 20	99 31.2 44	92 -10 34	91 6 32	112 1.89 22	95 -0.67 23	94 -0.55 22
CS 250014	98989379		CS 180002				92 55	79 57	105 28	111 30							94 1.65 62	83 0.7 41	88 4 30	79 3.7 57	105 5.1 28	90 49 38	75 2.4 8							73 15.5 23							
CS 250020	99020828		CS 180053				100 57	81 58	122 33	99 31							103 0.69 64	94 -0.8 42	98 19 31	81 4.8 58	122 10.4 33	102 79 41	76 3.3 8						106 -12.5 8		78 18.9 23						
CS 250021	99021396		TW 190022				90 59	98 61	113 36	95 36	100 21	96 42	96 53			94 13	106 31 31	89 2.15 66	98 -1.3 45	103 27 36	98 13.7 61	113 7.6 36	107 89 44	98 23.1 35	91 46 21	120 83 8	89 -19 13	94 0.0 25	91 7.7 24	108 -13.6 21	113 -2.9 12	69 13.4 31	105 1 23	102 16 21	103 0.98 13	84 -2.41 13	98 -0.24 13

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value									Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass				
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
CS 250024	99056525		CS 210016		112	88	99	99	103	93	86			91	100	111	108	99	88	99	88	86	90	91	80	93	88	104	116	75	92	91	96	90	102
					57	58	35	36	21	41	51			13	24	-0.15	-2.6	20	8.7	3.3	45	12.6	42	14	-4	-0.1	5.7	-11.3	-3.4	17.0	-10	5	0.27	-1.52	0.14
															32	64	44	36	58	35	43	34	18	17	10	20	20	23	11	29	19	18	13	13	13
CS 250025	99056533		CS 220079		114	92	96	99	102	96	90			87	102	111	115	100	92	96	89	87	79	84	74	98	86	103	115	77	94	92	95	87	95
					57	57	31	34	20	40	49			15	26	-0.15	-3.5	22	10.6	2.4	46	13.2	1	-4	6	0.2	4.2	-11.0	-3.2	18.2	-8	7	0.21	-2.03	-0.51
															20	64	43	34	57	31	41	30	19	16	10	22	21	23	10	28	21	19	15	15	15
CS 250028	99072951		TW 190063		80	115	116	90	89	103	115			102	109	75	92	108	115	116	122	112	100	114	97	95	96	102	98	75	109	112	112	88	103
					59	62	38	36	23	43	54			12	35	3.61	-0.6	34	22.9	8.5	125	35.5	80	71	-32	0.1	10.3	-10.5	-0.3	16.5	4	24	1.92	-1.92	0.20
															32	66	45	36	62	38	45	34	17	10	10	19	19	24	14	32	18	17	12	13	12
CS 250029	99102733		CS 220004		95	96	100	98	105	93	90				101	94	100	101	96	100	95	87	80	87		98	90	105	118	75	96	91			
					56	57	31	34	19	39	49				25	1.65	-1.5	23	12.6	3.6	62	13.3	2	3		0.2	7.0	-12.1	-3.7	16.5	-6	6			
															24	63	42	34	57	31	41	30	20	11		23	22	22	8	28	22	21			
CS 250031	99126161		CS 220043		94	90	105	101	98	87	86			90	98	95	94	97	90	105	97	88	79	76	71	99	83	103	112	75	95	91	94	94	100
					56	57	31	34	19	39	49			16	20	1.54	-0.7	18	9.9	5.1	65	13.9	0	-22	12	0.3	2.5	-10.5	-2.6	16.8	-7	6	0.04	-0.83	-0.09
															21	63	41	34	57	31	41	28	19	15	11	23	22	21	8	28	21	19	15	16	15
CS 250036	99176513		TW 160005		120	72	86	109	107	78	63	68	72	71	90	120	107	90	72	86	65	78	72	103	73	101	79	114	120	71	89	77	79	90	96
					61	62	42	37	23	44	55	20	39	18	9	-1.09	-2.5	7	-0.3	-0.5	-12	4.9	-28	43	8	0.4	0.4	-17.0	-4.2	14.4	-12	-6	-1.46	-1.48	-0.43
															36	67	48	37	62	42	47	36	21	28	17	25	24	22	14	33	24	21	17	18	17
CS 250041	99227589		CS 190041		89	96	114	90							109	90	95	108	96	114	104	86								75					
					55	55	32	32							35	2.02	-0.9	34	12.9	8.1	83	12.7								16.5					
															27	63	40	32	55	32	40	15							22						
CS 250045	99227597		CS 200015		118	80	93	107	111	91	77				91	118	107	92	80	93	79	76	83	91		92	92	111	123	78	95	88			
					59	59	35	35	20	41	52				12	-0.92	-2.6	10	4.3	1.7	23	3.6	14	15		-0.1	8.1	-15.3	-4.6	18.5	-7	3			
															30	66	45	35	59	35	43	34	15	18		11	18	22	8	30	10	9			
CS 250049	99272874		CS 220055		100	94	96	99	99	89	87			89	99	101	98	100	94	96	90	90	83	80	74	101	85	96	115	79	88	88	91	97	99
					56	56	30	34	20	39	48			14	23	0.84	-1.4	22	11.6	2.4	50	16.5	14	-13	7	0.4	3.8	-7.0	-3.2	19.2	-13	3	-0.22	-0.37	-0.10
															21	63	41	34	56	30	40	30	18	7	9	22	21	23	9	28	20	18	14	14	14
CS 250055	99374902		TW 190023		75	109	111	97	103	101	105			97	105	76	76	101	109	111	117	104	93	95	89	105	100	104	117	76	104	104	94	96	102
					60	60	39	38	25	44	53			23	30	3.53	1.6	24	19.6	7.0	114	28.3	54	24	-19	0.6	12.9	-11.2	-3.5	17.3	0	17	0.07	-0.54	0.09
															35	66	47	38	60	39	46	36	24	16	13	25	24	26	15	33	24	24	23	23	23
CS 250056	99374910		CS 210004		110	87	104	103	102	95	88			87	95	108	108	95	87	104	94	87	89	100	81	92	87	109	111	76	91	89	93	90	102
					56	56	32	34	21	39	49			13	17	0.16	-2.6	15	8.2	5.1	60	13.2	39	35	-5	-0.1	5.3	-14.2	-2.6	17.4	-10	4	-0.06	-1.51	0.11
															31	63	42	34	56	32	41	34	18	17	10	20	20	23	11	28	19	18	13	13	13
CS 250057	99374928		CS 150004		76	88	117	106	108	88	85				92	77	74	92	88	117	109	81	79	85		102	95	112	75	95	91				
					59	58	39	34	13	40	52				13	3.43	1.9	10	8.7	9.0	94	8.5	1	-1		0.4	9.6	-15.9		17.0	-7	6			
															29	65	45	34	58	39	44	27	16	22		17	21	12	26	15	12				

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80

Value >120

Breeding values with an accuracy < 5% are not printed

Animal					Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass		
ID	Animal no	% Inbreeding	Genomic Parentage	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
				EBV Acc																															
CS 250058 99374936CS 150010					85 58	92 58	102 38	97 33	110 12	87 40	81 51				98 21 29	88 2.26 64	86 0.3 43	101 24 33	92 10.5 58	102 4.3 38	93 57 43	85 11.8 25	83 14 16	106 51 28		102 0.4 17	92 7.9 21	107 -13.2 8	77 18.0 26	97 -6 15	89 4 12				
CS 250060 99432890CS 150002					77 58	95 58	113 38	102 32							96 18 27	74 3.72 64	78 1.3 43	95 15 32	95 12.5 58	113 7.7 38	110 96 43	88 14.3 21					99 -8.3 9	74 16.3 26							
CS 250064 99495905CS 200048					108 58	83 60	99 35	103 34	103 20	87 41	79 52				94 15 21	109 0.07 65	102 -1.8 44	95 15 34	83 5.8 60	99 3.5 35	86 39 43	79 6.3 34	83 17 16	84 -4 21		92 -0.1 11	94 9.0 19	104 -11.4 22	117 -3.7 8	76 17.3 29	97 -6 10	92 6 9			
CS 250066 99548950TW 170024					127 59	65 60	93 40	132 37	108 23	86 43	70 53		74 -12 34	125 -1.61 65	108 -2.7 46	73 -18 37	65 -3.7 60	93 1.5 40	71 4 46	69 -2.9 35	75 -15 19	96 25 22	73 7 17	97 0.2 21	82 1.9 21	113 -16.7 23	118 -3.8 14	75 16.7 33	87 -13 20	75 -8 19	85 -0.81 17	103 0.47 18	100 -0.02 17		
CS 250068 99645970CS 200046					88 58	83 60	105 35	111 34	105 20	82 41	78 52				87 6 22	89 2.09 65	81 0.9 44	88 5 34	83 6.0 60	105 5.2 35	95 61 43	81 7.7 34	81 6 17	89 10 21		95 0.0 14	93 8.8 21	107 -13.0 23	117 -3.6 8	77 18.1 29	92 -9 13	87 2 11			
CS 250070 99645996CS 180015					107 55	82 57	109 35	98 34							99 22 29	107 0.22 62	102 -1.9 42	99 21 34	82 5.3 57	109 6.4 35	91 51 42	76 3.2 18					109 -14.2 8	74 16.1 24							
CS 250073 99713539BEI 170019					118 59	83 61	105 40	115 37	102 24	99 44	89 54	78 32	93 42	74 31	87 6 36	121 -1.19 65	99 -1.4 46	85 1 37	83 5.9 61	105 5.3 40	96 64 46	79 6.7 34	88 35 30	83 -6 13	84 -10 31	88 -0.3 38	80 1.1 27	98 -8.0 25	119 -4.0 13	77 18.2 35	96 -6 35	80 -4 31	65 -2.83 29	79 -3.34 33	95 -0.44 30
CS 250074 99755951CS 210045					78 55	102 57	106 33	95 34	105 18	94 39	95 49				103 28 30	74 3.66 62	85 0.4 41	104 27 34	102 16.1 57	106 5.7 33	105 86 41	93 18.9 32	87 29 15	88 6 18		93 -0.1 11	96 10.1 18	102 -10.5 16	119 -3.9 9	81 20.1 29	100 -3 10	95 10 9			
CS 250075 99770232TW 170035					81 59	92 60	107 38	106 36	96 22	83 42	85 53		88 14		91 11 31	87 2.37 65	73 2.0 46	92 11 36	92 10.6 60	107 5.7 38	102 79 45	91 16.8 34	82 12 17	83 -6 10	75 4 12	100 0.3 20	90 7.0 20	91 -4.0 23	116 -3.4 12	76 17.4 32	87 -14 19	85 0 17	87 -0.65 13	102 0.41 15	116 1.33 13
CS 260001 60206256272CS 220045 CS 230034					95 63	106 46	100 37	98 35	100 27	102 39	105 46	112 25	104 36	104 18	100 24 31	91 1.96 70	107 -2.6 47	103 23 35	106 18.1 46	100 3.8 37	105 86 39	109 33.3 44	107 106 32	122 89 23	100 -37 14	96 0.1 40	100 12.9 39	109 -14.4 31	92 0.8 15	103 33.4 36	95 -7 37	98 12 32	125 3.21 18	95 -0.75 18	105 0.37 18
CS 260002 60206255931CS 220045 CS 220001					108 64	99 41	91 39	96 44	102 26	97 39	94 44	101 24	96 36	98 15	102 26 37	105 0.50 70	122 -4.6 51	103 26 44	99 14.3 41	91 1.0 39	90 49 41	99 24.2 40	97 69 34	106 51 21	90 -20 12	92 0.7 43	96 10.5 41	108 -13.5 27	98 -0.2 14	100 31.9 37	93 -9 39	95 9 35	115 2.17 15	91 -1.32 15	100 -0.07 15
CS 260006 60206438513CS 220045 TW 190058					83 66	113 45	111 44	95 47	73 30	93 42	113 48	114 25	96 39	106 20	102 26 40	77 3.37 72	99 -1.4 54	104 27 47	113 21.7 45	111 7.0 44	119 118 45	116 39.3 44	109 115 32	114 71 21	106 -47 15	101 0.4 41	107 17.2 39	88 -2.1 31	70 4.7 18	100 31.9 40	98 -5 37	103 16 33	129 3.53 19	91 -1.31 20	99 -0.17 19

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass			
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
CS 260012	6020651722	2	CS 220045 CS 220074		103 64	104 46	94 40	96 43	97 28	98 41	100 47	109 26	99 38	105 21	103 27	102 0.80	127 -5.2	103 27	104 17.0	94 1.7	96 65	105 29.5	103 92	101 39	91 -22	101 0.4	91 7.7	106 -12.6	90 1.3	104 34.4	92 -10	96 10	127 3.43	101 0.18	93 -0.66
CS 260013	6020651730		CS 220045 CS 230041		100 61	94 41	106 31	100 31	99 21	95 35	94 41	101 22	95 32	97 15	97 20	97 1.34	105 -2.2	98 19	94 11.9	106 5.6	101 76	96 21.2	98 71	107 52	87 -15	94 0.0	96 10.2	107 -13.0	101 -0.7	89 25.3	93 -8	94 9	112 1.84	92 -1.27	102 0.11
CS 260014	6020668635	14	CS 220045 CS 220031		95 64	110 46	103 40	87 45	91 28	99 41	107 47	117 26	102 38	109 20	112 40	90 2.06	113 -3.3	114 42	110 20.1	103 4.6	104 83	111 34.6	112 125	103 43	96 -29	94 0.0	98 11.5	101 -9.6	87 1.7	99 31.3	94 -8	101 15	129 3.61	93 -1.02	103 0.19
CS 260015	6020651748	1	CS 220045 CS 220027		94 64	108 46	103 41	93 45	99 27	103 41	106 48	105 24	103 38	103 15	106 31	92 1.76	120 -4.3	106 30	108 19.1	103 4.6	107 89	104 28.6	102 86	99 34	93 -24	99 0.2	99 12.5	103 -10.8	96 0.2	100 31.9	97 -5	101 14	120 2.65	92 -1.16	100 -0.06
CS 260016	6020668643	3	CS 220045 CS 230026		90 63	108 46	98 35	102 33	91 28	98 39	107 45	107 26	99 36	99 19	97 19	85 2.53	106 -2.4	97 17	108 19.5	98 3.2	109 94	110 33.8	102 89	99 34	97 -31	95 0.0	98 11.3	100 -9.0	89 1.4	101 32.4	89 -12	90 5	122 2.91	92 -1.27	99 -0.15
CS 260017	6020668650	14	CS 220045 CS 210016		94 64	111 46	101 43	91 45	91 28	100 42	109 48	119 26	104 39	109 20	109 35	90 2.02	115 -3.6	109 35	111 20.8	101 4.0	106 88	111 34.8	113 127	105 47	97 -31	93 0.0	97 11.2	98 -7.9	90 1.3	99 31.0	93 -8	100 14	130 3.64	93 -0.98	103 0.23
CS 260018	6020676885		CS 220045 CS 140006		95 64	97 41	124 45	97 43	93 23	101 39	105 45	106 22	101 36	100 15	100 23	91 1.96	105 -2.3	100 22	97 13.4	124 11.1	118 117	101 25.9	102 88	112 66	92 -24	97 0.2	97 11.0	101 -9.9	94 0.6	92 27.1	101 -2	102 15	115 2.15	95 -0.72	98 -0.21
CS 260021	6020703341	1	CS 220045 CS 230054		90 63	103 45	101 38	98 38	89 26	90 39	99 46	104 25	92 36	100 16	98 21	87 2.32	101 -1.7	100 23	103 16.3	101 4.0	103 80	105 29.1	103 91	108 54	99 -35	98 0.2	102 13.8	95 -6.2	92 0.8	97 29.9	99 -4	98 12	121 2.75	93 -1.13	102 0.09
CS 260022	6020711369		CS 230011		107 56	90 36	91 28	105 27	105 21	91 32	85 36			83 10	94 15	106 0.35	104 -2.1	94 13	90 9.6	91 0.9	85 38	86 12.7	82 11	87 5	77 2	104 0.5	99 12.1	107 -12.9	118 -3.8	80 19.5	89 -12	84 -1	86 -0.74	90 -1.54	100 -0.09
CS 260024	6020726151		CS 220023		107 56	91 35	91 27	103 33	110 19	95 32	87 37				95 17	102 0.74	113 -3.3	95 15	91 10.4	91 1.0	87 41	85 11.3	74 -20	86 3		96 0.1	85 4.0	113 -16.6	123 -4.7	73 15.8	91 -10	84 -1			
CS 260025	6020726169		CS 220079		98 56	95 35	99 30	99 34	102 19	93 32	91 37			85 15	101 25	95 1.50	105 -2.3	99 20	95 12.4	99 3.5	96 62	90 16.1	79 1	84 -4	74 6	98 0.2	86 4.2	103 -11.0	115 -3.2	78 18.5	94 -8	92 7	94 0.04	87 -2.03	95 -0.52
CS 260029	6020732316		CS 230047		96 56	95 35	91 25	107 23	103 19	90 30	89 35			81 12	93 14	92 1.77	101 -1.8	92 10	95 12.3	91 0.9	91 53	92 17.9	83 14	99 32	86 -14	92 -0.1	87 4.9	108 -13.6	115 -3.2	76 17.5	97 -5	92 6	89 -0.46	89 -1.64	99 -0.14

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80

Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Value										Birth			Wean				Growth & Adaptation					Fertility				Frame		Carcass							
ID	Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc		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 -brth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
CS 260031	6020728850		CS 220034					105	94	92	99	100	90	88			84	101	102	109	100	94	92	88	95	90	110	85	91	89	108	111	74	92	90	94	89	105	
								56	35	28	34	21	32	37			15	24	0.77	-2.8	22	11.7	1.2	43	20.4	41	60	-12	-0.2	6.4	-13.5	-2.6	16.3	-10	5	0.05	-1.73	0.34	
																		25	63	43	34	35	28	32	31	19	18	12	22	21	25	12	26	21	19	15	15	15	
CS 260033	6020728876		CS 180006					98	80	102	102	111	83	73				93	100	92	96	80	102	85	75						114		77						
								58	27	36	33	10	29	34				15	0.96	-0.5	16	4.4	4.4	38	3.1						-17.1		18.2						
																		29	64	43	33	27	36	32	20				8		20								
CS 260034	6020769763		CS 230051					85	103	98	99	106	95	95			90	100	85	90	99	103	98	101	96	88	73	81	88	91	101	120	84	94	92	96	85	109	
								56	35	27	26	20	31	36			8	23	2.54	-0.2	21	16.4	3.1	76	21.6	36	-30	-5	-0.3	7.5	-9.6	-4.1	22.3	-8	7	0.24	-2.36	0.69	
																		20	63	39	26	35	27	29	32	18	19	8	16	21	24	10	26	15	13	8	8	8	
CS 260035	6020769771		CS 220007					87	100	102	99	113	100	95				100	86	94	99	100	102	102	95	78	109		97	89	116	124	76	96	90				
								56	35	30	34	19	32	37				23	2.46	-0.8	21	15.0	4.4	79	20.3	-4	57	0.2	6.3	-18.5	-4.7	17.4	-6	5					
																		32	63	42	34	35	30	33	32	21	11	23	24	22	9	26	22	21					
CS 260036	6020769789		CS 190012					97	85	103	106							93	96	98	92	85	103	93	80						116		72						
								56	20	28	31							14	1.39	-1.2	10	7.0	4.7	56	6.8					-18.1		14.9							
																		11	63	41	31	20	28	26	11				8		21								
CS 260037	6020822117		CS 230010					100	92	97	110	104	94	90			81	90	100	95	89	92	97	96	89	79	89	73	97	88	106	117	78	88	81	87	95	92	
								55	35	23	19	20	29	34			12	10	0.98	-0.9	6	10.8	2.9	64	14.8	-1	10	7	0.2	5.9	-12.3	-3.6	18.5	-13	-3	-0.64	-0.67	-0.76	
																		16	63	36	19	35	23	26	32	18	15	9	18	20	24	11	25	17	16	12	13	12	
CS 260039	6020822133		CS 230021 CS 140005					129	74	105	103	94	86	77			83	95	127	135	95	74	105	82	74	82	84	81	100	87	100	97	93	92	85	90	99	90	
								62	45	44	38	21	39	47			10	17	-1.83	-6.2	15	1.0	5.3	30	1.4	12	-2	-6	0.3	4.8	-8.8	-0.1	27.7	-9	1	-0.34	-0.12	-0.94	
																		23	68	49	38	45	44	42	39	17	17	8	16	19	20	10	34	15	14	9	10	9	
CS 260040	6020850241		TW 160009					112	73	87	115	95	72	66	76	69	77	85	112	102	86	73	87	69	78	79	99	77	95	83	110	110	62	91	81	83	105	101	
								60	35	37	36	22	35	39	20	32	18	4	-0.26	-1.8	1	0.7	-0.4	-2	5.4	0	33	2	0.1	2.5	-15.0	-2.3	8.7	-10	-3	-1.04	0.78	-0.01	
																		35	66	47	36	35	37	36	34	20	22	18	22	22	14	30	22	20	18	19	18		
CS 260041	6020850258		CS 180049					125	69	101	110								125	110	89	69	101	76								77							
								56	22	30	32								-1.64	-2.9	6	-1.7	4.1	16								17.8							
																		63	42	32	22	30	28								19								
CS 260042	6020879372		CS 230029					80	94	104	106	99	85	87				91	81	81	92	94	104	102	88	84	95		92	93	97	117	75	96	90				
								56	33	25	25	18	30	34				12	2.95	0.9	10	11.8	4.8	78	14.4	18	23		-0.1	8.7	-7.5	-3.6	16.5	-6	5				
																		21	63	38	25	33	25	28	29	15	18		11	18	22	8	24	10	9				
CS 260043	6020879380		CS 200015					91	90	97	108	111	91	84				90	90	91	90	90	97	94	84	83	91		92	92	111	123	78	95	88				
								58	35	34	35	19	33	38				10	2.01	-0.3	7	9.8	2.9	58	11.0	14	15		-0.1	8.1	-15.4	-4.6	18.9	-7	3				
																		30	65	44	35	35	34	35	34	15	18		11	18	22	8	27	10	9				

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
			Sire ID Dam ID																																
CS 140005 90452616				119 64	66 57	118 74	87 62							111 38 27	117 -0.78 63	134 -6.2 64	113 41 62	66 -3.0 57	118 9.1 74	79 22 64	69 -2.3 36					95 -6.3 16		70 13.8 47							
CS 140006 90452764				83 63	87 56	147 73	98 65	97 24	97 50	97 61				97 19 37	85 2.54 62	86 0.3 65	97 18 65	87 7.8 56	147 18.1 73	130 145 65	87 13.3 45					100 -9.0 23		84 22.5 46							
CS 150001 90452624				72 64	81 58	113 73	95 63							100 23 55	83 2.71 63	62 3.6 64	103 26 63	81 4.5 58	113 7.6 73	91 52 65	74 1.9 42	90 43 23	100 35 43		98 11.7 31		90 26.1 47								
CS 150002 90452632				89 62	87 58	122 74	102 63							95 16 55	91 1.87 61	86 0.3 63	95 14 63	87 8.2 58	122 10.4 74	110 98 65	80 7.1 42					85 -0.3 18		94 28.4 46							
CS 150004 90452657				90 65	80 59	128 75	100 68	106 24	89 52	81 64				97 19 58	94 1.55 64	83 0.7 67	97 18 68	80 4.3 59	128 12.2 75	107 90 67	71 -0.6 54	88 32 31	79 -16 43		111 1.0 34	106 16.2 42	110 -14.9 23	95 28.9 46	100 -3 29	101 15 23					
CS 150007 90452673				99 63	79 59	127 75	94 68	105 24	89 52	80 64				102 26 55	101 0.90 62	97 -1.2 66	104 27 68	79 3.4 59	127 12.1 75	101 76 67	71 -1.0 49	91 45 23	88 7 43			101 13.3 31	108 -13.5 23	93 27.7 46							
CS 150010 90452707				85 62	87 58	106 74	91 66	110 21	82 51	74 62				100 23 58	90 2.01 61	85 0.4 64	108 34 66	87 8.0 58	106 5.5 74	89 47 66	81 7.7 50	93 52 31	124 93 56		111 0.9 34	99 12.1 42	102 -10.2 16	100 32.1 46	102 -2 29	94 8 23					
TW 160005 85483642	BPJ 060004 TW 080013			112 79	72 76	76 81	107 74	103 44	66 65	56 77	74 40	63 60	68 35	91 11 71	111 -0.13 80	108 -2.6 77	93 11 74	72 0.0 76	76 -3.5 81	56 -34 77	84 10.7 71	76 -13 42	112 65 56	85 -11 34	112 1.0 51	78 -0.5 49	113 -16.3 44	104 -1.3 29	89 25.3 60	93 -9 47	80 -4 43	84 -0.88 34	94 -0.82 36	90 -0.90 34	
TW 160009 85483683	BPJ 060004 TW 090322			120 78	65 71	75 74	123 72	80 44	56 62	56 73	88 40	57 58	82 38	80 -4 69	118 -0.87 79	110 -2.9 75	82 -5 72	65 -3.5 71	75 -4.0 74	50 -46 72	77 4.5 68	88 34 39	106 51 43	90 -20 37	99 0.3 46	82 2.3 44	107 -13.0 44	83 2.4 29	70 13.8 60	93 -9 43	81 -3 40	93 -0.02 36	123 3.70 39	100 -0.06 36	
BEI 170019 86036597	6	BEI 120127 BEI 130016		109 78	100 76	113 77	103 74	92 46	106 65	107 76	96 65	104 65	84 63	96 18 72	111 -0.19 79	97 -1.1 75	95 14 74	100 14.7 76	113 7.6 77	114 107 76	91 16.8 67	111 120 61	69 -38 27	104 -44 63	86 -0.5 76	82 1.9 54	78 3.5 49	102 -0.9 27	104 34.1 63	109 4 70	88 3 62	64 -2.95 59	71 -4.57 67	90 -0.88 59	
CS 170033 90452244				95 59	75 54	100 73	111 67							86 5 58	104 0.54 57	71 2.4 63	88 4 67	75 1.8 54	100 3.7 73	82 31 65	72 0.0 34	84 20 11	102 40 20		93 8.6 16	106 -12.5 16	101 32.3 46								
TW 170002 86419801	BP 140027 TW 100328			98 77	82 73	104 78	123 72	109 43	93 63	86 74	81 30	89 56	80 27	85 3 64	94 1.60 78	105 -2.3 74	81 -7 72	82 5.6 73	104 4.8 78	97 66 74	80 7.2 70	82 11 31	80 -13 27	84 -10 26	95 0.0 36	96 10.5 35	113 -16.4 44	113 -3.0 26	87 24.3 58	96 -6 34	90 4 31	92 -0.10 26	91 -1.37 28	110 0.78 26	

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
TW 170013 86419918	VV	030346 TW 120009		99 79	92 76	113 79	126 75	110 54	111 67	103 77	105 46	110 63	112 47	82 -1 70	103 0.63 80	76 1.6 77	78 -11 75	92 10.5 76	113 7.7 79	118 118 77	91 16.8 72	108 110 49	91 15 41	123 -74 43	109 0.8 50	124 27.2 50	123 -22.1 55	113 -2.9 42	80 19.8 65	116 10 49	114 26 49	95 0.14 46	131 5.00 48	110 0.77 46
TW 170016 86419934	BP	140027 TW 100323		91 75	91 72	93 75	105 72	97 43	80 62	82 73	86 28	78 55	78 27	96 18 64	87 2.34 76	109 -2.8 73	94 13 72	91 10.3 72	93 1.5 75	88 45 73	91 16.8 70	88 33 30	129 106 16	98 -33 26	91 -0.2 34	100 12.8 33	108 -13.6 46	98 -0.2 26	86 23.2 57	99 -4 32	93 7 30	91 -0.25 26	89 -1.69 28	110 0.83 26
TW 170024 86420015	BPJ	060004 TW 100324		129 75	66 73	86 77	137 73	103 45	83 63	70 74	82 36	80 58	82 35	68 -20 68	125 -1.67 76	121 -4.4 73	68 -24 73	66 -3.3 73	86 -0.7 77	66 -8 74	70 -1.7 70	84 19 37	95 24 43	86 -13 34	104 0.6 42	84 3.4 41	110 -14.6 46	100 -0.6 29	96 29.7 59	92 -10 40	78 -5 38	102 0.86 34	119 3.05 36	100 -0.04 34
TW 170035 86787793	LAR	130029 TW 140001		75 77	95 72	113 74	106 72	80 43	78 62	89 73	98 30	79 56	104 28	88 7 63	85 2.56 78	60 3.8 74	92 10 72	95 12.1 72	113 7.6 73	111 99 73	97 22.0 70	95 61 34	73 -30 20	87 -15 24	109 0.8 41	99 11.9 39	68 9.4 45	95 0.3 25	99 31.2 58	86 -14 38	91 6 34	101 0.74 27	118 2.96 29	132 2.63 27
TW 170041 86420098	BPJ	060004 TW 050005		100 77	80 73	103 77	111 70	89 46	76 63	77 74	95 40	77 58	97 35	89 9 63	102 0.76 78	89 -0.1 73	88 4 70	80 4.3 73	103 4.6 77	90 48 73	83 10.0 72	96 63 42	86 1 56	97 -31 34	105 0.6 42	93 8.9 49	94 -5.8 46	96 0.1 30	88 24.9 61	102 -2 40	96 10 38	100 0.67 34	120 3.27 36	111 0.91 34
CS 180002 90452368				102 56	73 36	105 53	116 59								105 0.48 55	86 0.2 58	85 0 59	73 0.6 36	105 5.1 53	86 39 49	66 -4.9 15						89 25.3 39							
CS 180006 90452392				99 60	75 54	105 71	96 66	111 20	78 48	65 60				96 18 58	103 0.70 59	94 -0.8 64	102 25 66	75 1.6 54	105 5.3 71	80 26 64	69 -2.8 40					114 -17.1 16	98 -0.2 5	102 32.8 40						
CS 180049 90452319				116 57	71 44	107 60	110 63								114 -0.50 56	108 -2.7 60	88 5 63	71 -0.8 44	107 5.9 60	84 34 56							100 32.0 38							
CS 180050 90452327				98 45	75 35	111 51	125 59								101 0.83 44	77 1.5 51	79 -9 59	75 1.7 35	111 7.2 51	98 68 48								94 28.4 37						
CS 180053 90452343				89 57	85 45	146 62	87 62								92 1.78 56	93 -0.7 60	110 37 62	85 6.9 45	146 17.7 62	118 117 56	75 3.1 15					98 -7.9 17	103 33.4 38							
TW 180016 88498654	PAD	100132 TW 160008	1	97 78	94 76	98 78	105 73	98 50	89 66	89 76	89 34	87 60	90 29	96 18 65	98 1.17 79	92 -0.5 75	94 13 73	94 11.5 76	98 3.0 78	95 62 76	99 24.5 74	90 40 40	101 37 28	89 -19 26	106 0.7 45	78 -0.2 44	113 -16.2 53	92 0.9 34	100 31.8 63	90 -11 43	88 3 40	104 1.10 28	105 0.82 30	96 -0.38 29
TW 180017 87834255	PAD	130127 TW 140025		105 76	85 73	102 77	103 72	115 44	95 63	83 74	91 22	93 55	91 26	92 13 65	100 0.97 77	111 -3.1 73	95 15 72	85 6.8 73	102 4.3 77	90 48 74	86 12.3 70	94 55 30	76 -22 12	96 -30 12	98 0.2 34	88 5.4 33	105 -11.8 49	120 -4.1 25	102 32.9 59	105 1 33	100 13 31	94 0.05 25	97 -0.48 27	97 -0.34 25

Breeding Values and Accuracies: Cows & Heifers

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	
CS 190012 90696766		CS 160051		120 54	75 39	105 56	103 62							95 17 23	116 -0.72 53	117 -3.9 58	95 15 62	75 1.4 39	105 5.3 56	83 32 52	69 -2.4 22						117 -19.0 16	90 26.0 42							
CS 190016 91750208				95 54	82 36	122 53	95 63								98 1.23 53	93 -0.6 58	103 26 63	82 5.3 36	122 10.5 53	101 75 51	75 2.9 30	112 124 22	138 127 44		109 0.8 34	117 23.1 31		94 28.0 36	112 6 29	110 23 23					
CS 190019 90696733		CS 110013		128 55	59 62	88 68	131 67	111 19	78 50	57 63				73 -14 55	138 -3.00 54	151 -8.5 60	75 -15 67	59 -7.2 62	88 0.0 68	58 -28 66	57 -13.0 56					118 -19.1 17	76 17.3 38								
CS 190022 91750216				99 54	76 50	120 67	94 67	111 19	85 45	72 56				101 25 58	102 0.80 53	96 -1.0 59	104 28 67	76 1.9 50	120 9.8 67	92 54 61	68 -3.7 40	93 54 23	95 24 43			95 9.6 31	116 -18.5 17	97 30.2 38							
TW 190017 89645758		LAR 140106 TW 120006		81 76	105 73	103 76	100 74	103 46	97 63	99 74	96 41	96 59	101 46	101 24 69	83 2.80 77	85 0.5 74	98 19 74	105 17.4 73	103 4.6 76	108 93 74	100 25.3 70	100 80 53	114 70 60	100 -37 26	108 0.8 55	96 10.5 59	93 -5.3 50	100 -0.6 29	111 38.8 59	97 -6 53	103 16 50	101 0.78 45	103 0.49 47	90 -0.94 45	
TW 190023 89645790		LAR 140106 TW 120009		71 76	116 74	122 77	92 76	96 48	107 64	116 75	112 37	109 59	117 46	112 39 71	79 3.18 77	73 2.1 75	106 31 76	116 23.5 74	122 10.3 77	129 143 76	114 37.2 72	113 130 47	102 42 31	111 -55 26	117 1.3 49	115 21.6 49	95 -6.3 53	97 -0.1 30	99 31.2 60	115 8 48	123 34 47	112 1.85 45	106 1.05 47	102 0.12 46	
TW 190057 89594915		BP 150006 TW 150026		71 74	109 70	103 72	86 70	115 40	97 60	95 71	110 25	99 53	111 20	114 42 62	75 3.56 75	75 1.8 71	115 43 70	109 19.6 70	103 4.6 72	103 80 71	106 30.5 66	111 122 32	137 126 16	113 -57 15	93 -0.1 39	107 16.9 37	120 -20.5 42	101 -0.7 23	105 34.8 56	111 6 36	119 30 32	114 2.07 19	96 -0.55 20	128 2.28 19	
TW 190058 89598114	2	JRP 150031 JOY 130084		76 77	114 66	119 71	93 75	57 44	87 60	116 70	105 28	89 54	101 25	101 25 64	65 4.63 79	77 1.5 75	104 29 75	114 22.6 66	119 9.6 71	127 138 71	114 37.9 60	105 99 34	109 57 22	116 -62 20	109 0.8 37	114 21.4 37	73 6.6 45	57 7.1 27	100 32.0 61	106 2 36	109 22 34	116 2.29 24	90 -1.56 26	94 -0.56 24	
TW 190063 89598148	2	JRP 150031 JRP 140007		81 75	124 74	135 74	89 73	71 45	114 63	138 74	126 28	118 56	114 26	108 34 64	72 3.88 77	94 -0.7 73	109 35 73	124 28.0 74	135 14.4 74	145 183 74	128 49.8 66	121 159 35	147 149 20	123 -75 20	97 0.1 37	101 13.5 39	97 -7.2 48	61 6.3 28	97 29.8 59	117 11 36	128 39 34	137 4.38 25	89 -1.65 26	104 0.25 25	
CS 200007 91500330		GCS 160016 CS 140006		89 73	101 71	116 70	104 71	102 38	105 60	106 71	97 20	103 52	93 7	91 12 60	84 2.65 75	102 -1.8 70	94 13 71	101 15.3 71	116 8.7 70	119 119 71	96 21.5 70	96 64 30	134 118 37	99 -35 7	96 0.1 22	101 13.4 35	98 -7.8 44	104 -1.2 17	107 35.9 53	106 2 21	105 18 19	97 0.39 7	94 -0.83 7	93 -0.63 7	
CS 200015 91500421		GCS 160016 CS 160004		100 73	88 70	94 68	108 70	111 38	91 59	83 70	95 20	90 51	94 7	89 8 59	98 1.21 75	100 -1.6 70	91 9 70	88 8.7 70	94 1.9 68	88 45 69	81 8.1 69	95 62 30	91 15 37	91 -22 7	92 -0.1 22	101 13.6 35	108 -13.8 43	109 -2.1 17	104 34.0 54	101 -3 21	96 11 19	98 0.51 7	89 -1.74 7	99 -0.13 7	
CS 200046 91479238		GCS 160016 CS 150004		94 73	90 70	102 66	100 69	97 38	84 58	84 70	92 22	83 51	95 7	95 17 44	96 1.38 75	92 -0.5 70	98 20 69	90 9.7 70	102 4.3 66	93 57 68	84 10.3 70	94 58 34	84 -3 43	89 -19 7	99 0.3 28	106 16.6 41	98 -7.7 45	98 -0.1 17	101 32.2 52	101 -3 25	99 13 22	100 0.68 7	88 -1.86 7	98 -0.20 7	

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
CS 210003 93428985	LAR 170384 CS 180047			125 72	88 69	83 65	88 69	108 39	90 58	79 69	109 28	93 52	96 26	112 40 61	121 -1.18 74	125 -5.0 68	113 42 69	88 8.8 69	83 -1.6 65	70 1 68	92 17.5 66	106 100 35	110 60 34	95 -29 20	93 -0.1 41	89 6.4 40	111 -15.4 45	103 -1.0 22	99 31.4 51	89 -12 39	92 7 36	108 1.50 26	94 -0.87 27	102 0.15 26
CS 210004 93255404	LAR 170384 CS 180051			121 68	99 68	106 62	86 69	92 39	103 57	103 67	115 28	105 51	105 26	113 41 61	117 -0.76 71	128 -5.4 65	115 44 69	99 14.5 68	106 5.4 62	96 64 66	98 22.8 67	112 123 35	105 48 34	98 -34 20	94 0.0 41	95 9.5 40	101 -9.9 45	86 1.9 21	99 31.1 50	97 -6 39	103 16 36	116 2.24 26	94 -0.90 27	103 0.20 26
CS 210009 93255420	LAR 170384 CS 180046			95 69	95 68	88 62	90 69	95 39	78 57	79 67	110 28	82 51	97 26	107 33 61	97 1.24 72	98 -1.4 66	111 38 69	95 12.2 68	88 -0.1 62	80 26 66	95 20.9 67	107 104 35	110 60 34	96 -30 20	93 -0.1 41	90 7.0 40	107 -13.2 45	89 1.5 21	96 29.6 50	90 -11 39	94 9 36	109 1.58 26	94 -0.87 27	102 0.16 26
CS 210016 93255396	LAR 170384 CS 150003			109 73	104 70	98 67	87 72	94 40	99 59	101 70	114 28	102 53	108 26	115 44 64	106 0.38 75	117 -3.9 70	114 43 72	104 17.0 67	98 3.2 67	95 61 70	99 24.2 66	111 123 35	90 11 34	96 -30 20	94 0.0 41	94 9.4 40	93 -5.0 46	96 0.2 22	97 30.3 52	97 -5 39	104 17 36	118 2.50 26	94 -0.91 27	103 0.22 26
CS 210019 93255495	LAR 170384 CS 180006			101 72	99 70	94 66	84 72	97 39	88 59	89 70	114 28	92 53	100 26	113 41 64	101 0.88 74	107 -2.5 70	118 48 72	99 14.4 70	94 1.9 66	86 40 69	102 26.9 68	110 118 35	131 111 34	101 -38 20	94 0.0 41	94 9.1 40	106 -12.5 45	87 1.8 22	105 34.9 51	95 -7 39	100 14 36	112 1.86 26	94 -0.88 27	103 0.18 26
CS 210023 93255560	LAR 170384 CS 170026			99 69	96 68	95 63	91 69	92 39	84 57	87 67	113 28	88 51	101 26	106 32 61	99 1.13 72	104 -2.1 66	108 34 69	96 12.9 68	95 2.3 63	89 46 67	97 22.2 66	110 115 35	111 62 34	98 -33 20	94 0.0 41	93 8.5 40	104 -11.1 45	86 1.9 21	96 29.3 51	94 -8 39	99 13 36	112 1.92 26	94 -0.89 27	103 0.18 26
CS 210033 93255016	LAR 170248 CS 140003			93 68	103 67	102 60	101 65	102 35	100 55	100 65	94 23	98 49	95 20	99 22 57	93 1.73 72	122 -4.5 63	98 18 65	103 16.3 67	102 4.2 60	105 86 64	96 21.1 66	96 65 33	85 -1 25	100 -36 11	96 0.1 38	87 4.9 38	107 -13.2 38	100 -0.5 17	98 30.5 50	112 6 35	108 20 32	103 0.97 20	94 -0.85 21	89 -0.95 20
CS 210034 93257343	GCS 160016 CS 150004			80 71	103 70	102 66	96 71	99 37	91 58	96 69	93 22	90 51	103 7	103 27 63	80 3.06 74	91 -0.4 69	103 27 71	103 16.7 70	102 4.5 66	103 82 69	90 15.9 68	97 66 34	60 -61 43	87 -16 7	99 0.3 28	108 17.6 41	96 -7.0 43	100 -0.5 17	103 33.7 52	104 0 25	104 17 22	107 1.34 7	88 -1.88 7	99 -0.15 7
CS 210035 93257350	LAR 170384 CS 170047			93 70	95 69	100 65	87 71	93 39	81 58	84 69	113 28	86 52	100 26	112 40 61	93 1.66 73	100 -1.6 68	114 43 71	95 12.4 69	100 3.7 65	89 47 68	100 24.6 60	109 114 35	121 87 34	99 -35 20	94 0.0 41	93 8.4 40	93 -4.9 44	90 1.2 21	105 35.2 52	94 -8 39	98 12 36	112 1.87 26	94 -0.88 27	103 0.18 26
CS 220001 94136934	MOR 160068 CS 190012			110 70	93 55	81 57	97 68	115 34	94 51	83 59	77 24	89 46	86 8	102 26 55	105 0.42 73	117 -3.8 67	103 26 68	93 11.4 55	81 -2.0 57	77 17 60	86 12.4 50	81 8 41	92 17 23	82 -7 6	101 0.4 45	92 8.0 44	112 -16.1 34	112 -2.8 16	100 32.1 52	96 -6 44	92 7 41	89 -0.43 7	90 -1.58 8	96 -0.36 7
CS 220004 94136967	MOR 160068 CS 180012			97 68	102 68	101 60	92 69	99 37	96 56	97 67	85 24	92 50	94 8	106 32 47	94 1.65 72	108 -2.7 65	107 32 69	102 15.8 68	101 3.9 60	98 69 66	89 14.9 58	88 34 41	83 -6 23	87 -15 6	104 0.5 45	97 10.9 44	97 -7.5 45	99 -0.5 16	96 29.2 50	102 -2 44	100 14 41	96 0.29 7	92 -1.26 8	96 -0.37 7
CS 220007 94136991	MOR 160068 CS 190015			82 70	113 70	105 60	91 69	115 38	110 57	108 68	82 26	104 51	85 8	108 35 64	79 3.22 73	100 -1.6 67	109 35 69	113 21.7 70	105 5.2 60	110 98 66	106 30.2 64	86 25 42	126 99 23	90 -20 6	102 0.4 45	95 10.1 47	119 -19.9 45	111 -2.5 18	99 31.0 52	104 0 44	100 13 41	88 -0.53 7	90 -1.57 8	96 -0.40 7

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
CS 220009 94139383		LAR 170384 CS 190022		101 70	106 69	101 60	84 69	98 39	100 57	103 67	118 30	103 52	108 26	116 45 64	98 1.13 73	113 -3.3 67	117 47 69	106 18.1 69	101 4.1 60	98 67 66	102 26.5 59	113 129 37	107 52 41	99 -35 20	94 0.0 41	94 9.1 43	109 -14.4 46	88 1.6 21	101 32.6 50	98 -5 39	104 17 36	118 2.43 26	95 -0.78 27	104 0.31 26
CS 220014 94137064		LAR 170384 CS 180008		104 67	96 67	103 57	91 66	87 38	87 55	92 65	110 28	90 50	102 26	107 33 38	101 0.91 71	111 -3.1 63	109 35 66	96 12.6 67	103 4.5 57	94 58 63	93 19.1 55	107 108 35	83 -6 34	93 -25 20	93 -0.1 41	91 7.2 40	93 -5.1 46	87 1.8 19	97 30.0 49	92 -10 39	97 11 36	113 1.98 26	94 -0.89 27	103 0.19 26
CS 220023 94137155		MOR 160068 CS 190019		105 70	98 69	83 54	98 66	110 37	95 55	88 66	73 24	88 49	81 8	100 24 47	106 0.34 73	134 -6.2 66	101 24 66	98 13.8 69	83 -1.5 54	83 32 63	87 13.8 62	77 -7 41	81 -9 23	77 0 6	100 0.3 45	88 5.4 44	112 -16.1 44	110 -2.4 17	93 27.9 50	94 -8 44	87 2 41	84 -0.88 7	89 -1.63 8	95 -0.49 7
CS 220027 94137197		MOR 160068 CS 150003		95 71	106 70	104 62	91 70	109 38	107 58	104 69	86 24	102 51	96 8	109 36 48	92 1.80 74	118 -4.1 68	108 34 70	106 18.4 70	104 5.0 62	105 85 67	92 17.6 60	90 42 41	78 -17 23	88 -16 6	104 0.6 45	99 11.9 44	103 -10.8 45	108 -1.9 18	100 32.0 52	105 1 44	104 17 41	98 0.52 7	92 -1.26 8	97 -0.35 7
CS 220028 94137205		LAR 170384 CS 170043		103 67	100 67	98 58	83 69	89 38	87 55	93 65	112 28	91 50	105 26	118 47 38	102 0.80 71	112 -3.2 64	120 51 69	100 14.9 67	98 3.0 58	89 46 65	96 21.7 54	109 113 35	75 -26 34	93 -24 20	93 0.0 41	92 8.0 40	93 -5.3 46	87 1.8 19	100 31.7 49	94 -8 39	100 13 36	115 2.23 26	94 -0.90 27	103 0.20 26
CS 220029 94137213		LAR 170384 CS 160002		109 68	103 68	106 60	85 69	87 38	98 56	103 67	114 28	100 50	109 26	115 43 38	106 0.34 72	116 -3.7 65	116 45 69	103 16.4 68	106 5.6 60	99 72 66	98 23.0 56	111 123 35	61 -59 34	92 -24 20	94 0.0 41	94 9.2 40	91 -3.9 46	86 1.9 19	98 30.9 50	97 -5 39	105 18 36	119 2.60 26	94 -0.91 27	103 0.23 26
CS 220031 94137239		LAR 170384 CS 150007		96 71	106 69	103 61	79 70	93 39	94 57	101 68	111 30	96 52	107 26	122 53 47	95 1.52 74	109 -2.7 68	124 58 70	106 18.1 69	103 4.6 61	96 64 67	102 27.1 58	111 119 37	86 2 41	94 -27 20	94 0.0 41	96 10.1 43	99 -8.2 46	90 1.1 21	98 30.8 50	98 -5 39	106 19 36	118 2.46 26	93 -0.99 27	103 0.16 26
CS 220032 94137247	3	LAR 170384 TW 190058		95 71	112 70	105 61	85 71	64 43	87 59	110 69	122 32	93 54	107 30	113 41 50	93 1.71 75	107 -2.5 68	116 45 71	112 21.4 70	105 5.1 61	106 88 67	118 41.5 61	118 147 39	123 91 36	114 -59 22	99 0.2 45	103 14.5 44	75 5.2 50	65 5.6 24	102 32.8 54	98 -5 43	107 20 40	126 3.29 29	92 -1.26 30	100 -0.06 29
CS 220034 94137262	3	LAR 170384 TW 170016		95 72	109 70	86 56	91 67	88 42	90 57	99 67	113 32	93 52	97 30	110 37 50	92 1.82 75	119 -4.1 68	110 37 67	109 20.0 70	86 -0.6 56	92 53 64	113 36.3 62	109 115 38	129 105 35	105 -45 24	90 -0.2 44	96 10.3 43	102 -9.9 50	86 1.9 24	95 28.8 53	95 -7 42	99 13 39	115 2.16 29	91 -1.33 30	108 0.64 29
CS 220038 94237575	3	LAR 170384 TW 190007		132 72	97 71	78 62	96 71	93 44	96 59	93 69	115 35	99 54	101 36	105 30 52	129 -2.01 75	127 -5.2 68	104 28 71	97 13.3 71	78 -3.0 62	77 17 68	103 28.1 64	110 116 43	92 16 39	100 -36 25	101 0.4 49	89 6.2 48	99 -8.6 52	93 0.7 26	100 31.8 53	85 -15 47	92 6 44	114 2.13 36	98 -0.21 36	97 -0.34 36
CS 220043 94237658		LAR 180321 TW 140006		89 68	107 68	106 59	88 67	85 35	91 55	102 66	95 31	90 50	110 30	112 39 42	88 2.21 72	101 -1.7 64	112 40 67	107 18.5 68	106 5.5 59	104 84 65	100 25.1 56	92 48 37	57 -69 29	80 -4 22	107 0.7 45	86 4.5 43	89 -2.6 42	87 1.8 16	97 30.1 48	106 1 42	109 21 38	116 2.31 29	103 0.47 31	98 -0.20 29
CS 220053 94237450	1	LAR 180198 TW 180017		100 70	104 70	77 59	91 67	115 38	95 57	88 67	94 26	94 51	100 28	108 35 62	95 1.53 74	116 -3.7 65	110 37 67	104 16.9 70	77 -3.5 59	79 23 65	99 24.1 61	94 57 35	73 -30 13	88 -17 14	105 0.6 42	81 1.5 40	111 -15.4 46	109 -2.2 19	109 37.5 48	96 -7 39	99 12 36	106 1.28 27	98 -0.33 28	80 -1.73 27

Breeding Values and Accuracies: Cows & Heifers

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 Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
CS 220058 94237682		LAR 180321 TW 130002			80 67	101 67	129 57	88 67	85 35	93 54	104 65	96 30	92 49	98 30	114 42 40	70 4.07 71	93 -0.7 63	110 37 67	101 15.5 67	129 12.7 57	120 120 64	103 27.3 55	95 61 36	121 86 29	95 -28 21	109 0.8 44	89 6.0 42	85 -0.5 42	87 1.7 16	102 32.8 46	112 7 41	113 25 37	111 1.73 29	84 -2.51 31	80 -1.71 29
CS 220074 94237823	1	LAR 180198 TW 170024			108 72	100 70	86 59	96 67	105 39	97 57	92 68	93 30	95 52	100 30	103 28 63	107 0.21 75	130 -5.7 67	104 28 67	100 14.9 70	86 -0.7 59	86 39 65	95 20.6 62	93 52 37	83 -6 24	85 -12 21	109 0.8 44	83 2.4 42	109 -14.4 45	96 0.2 22	109 37.0 49	94 -8 41	94 9 37	114 2.09 29	109 1.42 31	82 -1.55 29
CS 220077 94237856	2	LAR 170384 TW 190023			86 71	125 72	104 62	81 70	92 42	110 59	124 70	129 34	115 54	122 35	124 55 62	85 2.54 75	103 -2.0 67	122 54 70	125 28.4 72	104 4.9 62	114 106 68	125 47.6 65	125 174 42	102 40 38	111 -54 24	104 0.5 48	106 16.1 47	96 -7.0 51	89 1.4 24	104 34.0 52	107 2 46	120 31 43	130 3.66 35	100 0.02 35	104 0.32 35
CS 220079 94237930	4	LAR 180321 TW 170002			92 71	107 70	100 60	91 68	93 38	95 57	102 68	89 30	92 52	98 30	111 39 41	89 2.14 74	117 -3.9 67	108 34 68	107 18.6 70	100 3.6 60	101 77 66	99 24.3 60	88 35 38	76 -23 32	85 -11 20	105 0.6 44	88 5.8 43	93 -4.9 45	93 0.6 20	102 33.3 49	99 -4 42	104 17 38	115 2.15 29	87 -1.93 30	88 -1.08 29
CS 220083 94237914		GCS 160016 CS 180016			85 68	105 68	105 60	97 68	101 32	99 55	103 66	100 20	98 48	102 7	98 20 43	81 2.95 72	100 -1.6 65	101 23 68	105 17.9 68	105 5.3 60	109 95 65	94 19.9 48	101 84 30	88 8 37	95 -28 7	94 0.0 22	107 16.7 35	93 -4.9 32	102 -0.8 15	109 37.0 48	109 4 21	107 20 19	105 1.20 7	89 -1.76 7	100 -0.08 7
CS 230008 95438867		RPE 190167 CS 180008			101 64	89 65	104 44	102 31	99 30	89 47	87 57	85 24	86 42	89 18	96 18 20	99 1.11 70	102 -1.9 48	96 16 31	89 9.0 65	104 4.8 44	95 61 47	79 6.7 56	87 32 30	61 -58 29	82 -6 15	101 0.4 29	92 8.1 33	101 -9.6 31	98 -0.2 17	97 29.7 43	92 -10 28	85 1 26	99 0.55 18	96 -0.58 19	93 -0.66 18
CS 230010 95438883	3	RPE 190167 CS 200077			98 69	102 69	96 47	110 37	96 39	100 51	103 61	84 28	95 46	89 24	89 8 33	96 1.36 74	97 -1.1 54	89 6 37	102 16.1 69	96 2.5 47	105 86 51	97 22.5 63	87 31 35	87 5 31	83 -9 18	103 0.5 36	94 9.2 40	97 -7.4 47	98 -0.2 22	102 33.2 49	88 -13 35	82 -2 33	101 0.80 23	105 0.79 25	82 -1.55 23
CS 230011 95438891	2	GCS 160016 AG 170040			98 72	105 71	85 56	100 54	100 43	94 56	96 66	94 28	93 50	94 20	97 19 49	93 1.68 75	107 -2.5 62	99 20 54	105 17.4 71	85 -1.0 56	92 53 60	98 23.2 64	94 56 38	83 -4 39	89 -19 15	115 1.2 35	115 21.5 44	99 -8.8 51	100 -0.6 22	106 35.4 56	90 -11 33	87 2 31	99 0.58 19	94 -0.96 21	98 -0.22 19
CS 230019 95508883	1	RPE 190167 CS 200046			111 70	92 69	95 48	104 44	100 37	95 52	91 62	88 26	92 47	89 18	93 14 30	108 0.15 74	110 -3.0 57	94 13 44	92 10.9 69	95 2.1 48	91 52 54	87 13.8 63	90 42 34	88 6 36	89 -19 15	102 0.4 32	98 11.8 39	101 -9.7 45	99 -0.4 19	104 34.0 47	92 -9 31	87 2 29	102 0.87 18	93 -1.10 19	92 -0.74 18
CS 230020 95508891		CS 200074 TW 150016			96 66	91 64	110 46	97 42	92 31	87 48	90 58			90 15	96 18 40	93 1.70 70	104 -2.1 54	100 23 42	91 10.1 64	110 6.8 46	100 73 51	85 11.9 50	91 44 20	107 52 8	90 -20 12	116 1.2 24	105 15.9 23	93 -5.3 38	88 1.6 12	102 33.1 43	96 -6 23	94 8 21	97 0.38 14	88 -1.89 16	94 -0.54 14
CS 230025 95508941	1	RPE 190167 CS 200022			80 67	111 69	102 47	96 42	96 34	99 51	107 61	95 26	97 46	97 18	101 25 36	72 3.92 73	90 -0.2 53	102 25 42	111 21.1 69	102 4.3 47	111 100 53	102 26.7 62	97 67 33	84 -4 34	93 -25 15	100 0.3 31	101 13.4 38	93 -4.9 36	99 -0.4 19	103 33.7 46	100 -3 30	97 11 28	109 1.54 18	93 -1.06 19	93 -0.65 18
CS 230026 95508958	3	RPE 190167 CS 200075			94 69	101 69	94 47	108 37	94 39	93 51	98 61	90 29	90 47	87 24	92 12 33	92 1.82 74	97 -1.1 54	90 8 37	101 15.4 69	94 1.8 47	101 75 51	98 23.6 64	91 46 36	78 -17 31	96 -30 19	97 0.2 38	95 9.7 41	97 -7.1 48	94 0.5 22	102 33.1 48	88 -13 36	84 -1 34	104 1.05 23	90 -1.48 25	94 -0.53 23

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
CS 230027 95508966		RPE 190167 CS 190012		123 68	84 65	97 45	109 41	113 34	101 49	87 59	80 24	96 44	82 18	90 10 23	118 -0.94 72	118 -4.0 55	90 7 41	84 6.2 65	97 2.8 45	87 42 50	80 6.7 55	83 16 30	77 -21 29	79 -3 15	100 0.3 29	90 6.6 33	114 -17.1 42	111 -2.4 17	99 31.4 44	89 -11 28	82 -2 26	93 -0.02 18	94 -0.90 19	93 -0.64 18
CS 230029 95508982		GCS 160016 CS 180012		84 68	93 67	106 51	103 50	87 36	80 52	87 62	97 20	80 46	97 7	91 12 43	86 2.45 72	85 0.4 59	95 14 50	93 11.0 67	106 5.5 51	101 76 56	87 13.0 58	97 69 30	98 31 37	94 -26 7	93 -0.1 22	103 14.7 35	80 2.2 44	98 -0.1 15	96 29.4 49	103 -1 21	100 13 19	101 0.79 7	89 -1.75 7	99 -0.11 7
CS 230030 95508990		RPE 190167 CS 190015		113 68	86 68	103 47	115 42	109 34	102 51	92 61	81 24	97 46	80 18	85 3 35	109 0.01 72	110 -2.9 55	85 0 42	86 7.6 68	103 4.7 47	98 67 52	86 12.8 60	84 19 32	102 40 29	83 -9 15	100 0.3 29	90 6.7 37	112 -15.8 42	110 -2.4 17	96 29.7 44	92 -9 28	83 -1 26	90 -0.30 18	94 -0.89 19	92 -0.70 18
CS 230032 95572061		GCS 160016 TW 150020		83 68	96 67	95 53	100 52	100 33	83 52	86 63	87 22	81 46	86 7	96 18 45	82 2.91 72	93 -0.7 58	98 19 52	96 13.0 67	95 2.2 53	93 57 57	93 18.4 59	89 39 32	89 10 37	87 -15 7	85 -0.5 28	95 10.1 39	96 -6.5 33	113 -2.8 15	90 25.8 50	100 -4 26	92 7 22	91 -0.17 7	86 -2.23 7	97 -0.29 7
CS 230034 95572087	1	RPE 190167 TW 190057		84 71	104 69	99 50	100 44	110 38	100 53	98 63	99 26	99 48	97 20	98 21 37	84 2.60 75	90 -0.2 58	98 20 44	104 17.3 69	99 3.5 50	104 84 54	104 28.5 62	100 80 34	124 93 30	104 -42 17	99 0.3 35	100 12.9 38	116 -18.0 45	101 -0.8 20	105 35.0 48	100 -3 33	99 13 31	110 1.64 20	97 -0.44 21	107 0.51 20
CS 230041 95572152		CS 150008		107 61	74 57	109 32	105 30								111 -0.17 66	91 -0.4 46	93 11 30	74 1.2 57	109 6.5 32	87 42 40	71 -0.5 17						78 18.8 30							
CS 230043 95572178		GCS 160016 CS 150002		78 67	97 68	108 54	104 51	89 32	84 52	92 63	99 20	84 46	98 7	91 11 43	79 3.17 72	83 0.8 58	94 13 51	97 13.3 68	108 6.1 54	107 91 58	92 17.6 59	99 76 30	100 35 37	95 -28 7	91 -0.2 22	104 15.2 35	83 0.4 33	97 0.0 15	100 31.7 49	105 1 21	101 14 19	101 0.79 7	86 -2.13 7	98 -0.27 7
CS 230046 95685640	1	GCS 160016 TW 160008		93 70	90 71	87 57	107 53	96 38	77 55	78 66	88 30	76 50	89 20	90 10 48	93 1.73 74	91 -0.3 60	92 11 53	90 9.6 71	87 -0.2 57	83 33 60	89 15.5 65	92 48 36	79 -15 43	92 -24 20	99 0.3 32	94 9.4 42	95 -6.2 39	104 -1.2 22	98 30.4 52	98 -5 30	90 4 27	102 0.91 19	99 -0.18 21	97 -0.34 19
CS 230047 95685657	1	LAR 170248 TW 170016		88 70	106 69	83 50	104 47	96 37	89 53	95 63	93 28	87 48	90 24	95 17 40	86 2.49 74	112 -3.2 58	95 14 47	106 17.9 69	83 -1.6 50	93 56 55	103 27.4 62	95 61 36	106 50 26	107 -48 17	93 -0.1 42	91 7.2 41	102 -10.1 44	93 0.6 19	99 31.3 49	106 1 39	103 16 35	105 1.16 24	92 -1.15 25	97 -0.31 24
CS 230051 95685699	2	GCS 160016 TW 180025		85 71	114 70	95 54	91 52	100 39	101 55	106 65	108 28	102 50	108 16	109 36 40	85 2.56 75	96 -1.0 61	109 35 52	114 22.5 70	95 2.3 54	104 83 59	106 30.1 64	107 105 35	54 -74 38	96 -31 16	84 -0.6 32	99 12.4 42	88 -2.1 47	103 -1.2 19	115 40.9 51	100 -3 30	104 18 27	119 2.54 16	83 -2.59 17	117 1.35 16
CS 230054 95685723		GCS 160016 TW 130014		78 70	96 68	100 54	100 51	90 36	77 53	84 64	84 26	75 48	90 16	94 15 45	81 2.92 74	79 1.3 60	98 19 51	96 12.7 68	100 3.7 54	97 66 58	93 18.7 59	92 50 32	96 25 37	101 -38 17	103 0.5 29	103 14.5 39	87 -1.5 42	101 -0.8 15	94 28.1 50	109 4 26	98 12 23	101 0.74 15	92 -1.19 17	100 -0.04 15
CS 230058 95685764		LAR 170248 CS 140008		86 67	107 66	97 45	96 30	95 33	93 48	101 58	97 23	93 43	100 20	101 25 23	82 2.82 71	110 -3.0 50	102 25 30	107 18.8 66	97 2.7 45	103 80 47	103 27.6 54	100 79 33	95 23 25	103 -42 11	97 0.2 38	90 7.0 38	99 -8.4 40	98 -0.2 14	92 26.9 46	117 10 35	114 26 32	107 1.38 20	94 -0.86 21	90 -0.92 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 & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
CS 230059 95685772	1	RPE 190167 CS 200039		105 69	105 69	94 46	100 37	82 37	94 51	103 61	96 26	93 46	95 18	99 21	103 0.68	124 -4.7 54	99 21	105 17.4	94 1.9	100 72	97 22.7	97 68	94 22	94 -27	96 0.1	100 13.0	73 6.3 45	91 1.0	108 36.5	100 -3	93 8	106 1.29	89 -1.62	90 -0.90
CS 230066 95775920		GCS 160016 CS 180016		103 66	94 67	110 52	97 50	99 32	97 51	95 62	99 20	97 45	101 7	97 19	100 0.98	108 -2.6 56	101 24	94 11.6	110 6.9	102 79	86 12.7	100 81	89 10	94 -27	94 0.0	106 16.3	93 -5.2	102 -0.8	103 33.8	107 3	106 19	105 1.15	89 -1.76	100 -0.08
CS 230067 95775938	1	LAR 170248 BEI 170019		107 71	109 70	91 51	102 48	95 38	106 54	109 64	99 41	104 51	93 38	96 19	103 0.64	111 -3.0 59	96 17	109 19.7	91 0.9	102 79	101 25.7	107 107	81 -9	111 -55	90 -0.2	82 2.1	90 -3.6	96 0.1	108 36.7	112 6	102 15	91 -0.18	83 -2.59	87 -1.17
CS 230073 95899027		GCS 160016 TW 120006		78 70	102 55	103 54	101 52	95 33	88 49	95 57	90 20	86 43	93 7	96 18	61 5.05 73	74 1.9 61	97 18	102 15.8	103 4.6	106 87	96 21.3	93 52	93 19	90 -20	90 -0.2	95 10.1	91 -3.8	103 -1.0	100 31.6	102 -1	95 9	98 0.48	91 -1.35	98 -0.21
CS 240001 97030134		RPE 190167 CS 180049		109 66	87 50	100 45	112 42	103 30	95 44	89 51	86 24	91 40	87 18	87 6	105 0.49	109 -2.7 53	87 3	87 7.8	100 3.6	94 58	81 8.0	88 35	92 15	87 -15	102 0.4	93 8.8	104 -11.4	99 -0.3	104 34.2	93 -9	86 1	98 0.44	96 -0.57	93 -0.67
CS 240003 97197693	1	RPE 190167 CS 210019		102 67	98 67	94 48	99 45	98 34	93 51	94 61	98 28	93 46	90 22	98 21	99 1.04	108 -2.6 55	100 22	98 14.0	94 1.9	93 57	99 23.8	97 69	104 46	94 -26	99 0.3	91 7.5	103 -10.8	93 0.7	106 35.4	88 -12	86 1	107 1.35	96 -0.61	94 -0.56
CS 240004 97197701	1	RPE 190167 CS 210009		102 66	97 67	90 47	101 44	97 34	90 50	90 60	97 28	90 46	89 22	96 19	100 0.97	105 -2.3 53	98 19	97 13.2	90 0.6	89 47	96 21.2	96 65	100 36	92 -24	99 0.2	90 6.9	103 -10.9	94 0.6	102 32.9	87 -14	84 0	106 1.27	96 -0.60	94 -0.56
CS 240007 97197735	1	RPE 190167 CS 210007		105 64	102 65	98 46	97 44	94 33	99 49	102 59	102 28	99 45	94 22	100 24	100 0.94	114 -3.4 52	101 24	102 16.2	98 3.0	99 72	100 25.2	101 82	115 71	97 -32	100 0.3	94 9.4	98 -7.9	93 0.7	101 32.7	93 -9	92 6	110 1.69	96 -0.62	94 -0.53
CS 240009 97202857	1	RPE 190167 CS 210033		105 65	102 67	95 46	104 42	100 33	102 49	102 60	91 26	99 44	90 21	95 17	103 0.64	122 -4.5 52	94 14	102 15.9	95 2.1	100 73	97 21.9	93 52	95 24	96 -31	101 0.4	90 6.9	102 -10.5	99 -0.4	102 33.2	100 -3	94 8	104 1.11	96 -0.59	88 -1.11
CS 240010 97202865	4	GCS 160016 TW 190063		80 69	132 71	111 55	84 54	81 38	114 55	135 66	117 25	115 49	112 14	114 42	53 5.89 74	88 0.1 60	117 47	132 32.0 71	111 7.2 55	127 139 60	126 48.4 70	114 133	99 34	110 -54	92 -0.1	107 16.8	87 -1.6	83 2.5	102 33.3	114 8	119 31	127 3.43 14	86 -2.17	102 0.07
CS 240011 97202873		GT 190104 CS 190041		97 62	98 64	116 42	95 43	87 24	94 46	101 57	92 28	92 42	104 24	101 25	96 1.41	102 -1.8 50	103 27	98 14.0	116 8.5	110 97	91 16.9	96 62	106 51	95 -29	102 0.4	97 11.0	86 -1.3	86 2.0	101 32.3	101 -2	108 21	93 0.01	116 2.62	101 0.04
CS 240012 97202881	1	GT 190104 TW 190022		84 66	111 68	115 46	93 45	80 30	97 50	114 61	101 33	97 47	106 27	106 31	75 3.57 72	102 -1.8 53	106 30	111 21.1	115 8.4	120 122 53	112 35.9	101 83	149 153 30	108 -49	99 0.3	94 9.4	87 -1.4	82 2.7	96 29.3	103 0	112 24	106 1.26	110 1.71	98 -0.26

Breeding Values and Accuracies: Cows & Heifers

Animal					Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
															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
CS 240013 97228720	1	RPE	190167 CS 200007		111 68	91 69	105 49	111 44	100 34	101 51	98 62	90 26	98 46	86 18	87 6	106 0.36	112 -3.2	88 4	91 10.3	105 5.2	103 80	92 18.1	91 44	118 79	95 -28	100 0.3	95 10.0	99 -8.5	101 -0.8	106 35.6	94 -8	89 4	99 0.56	96 -0.58	89 -0.97
CS 240014 97228738	1	RPE	190167 CS 210004		124 65	101 67	95 47	93 44	94 34	105 50	103 60	100 28	103 46	97 22	106 31	119 -1.01	127 -5.2	106 31	101 15.6	95 2.0	93 57	98 22.8	100 78	77 -19	92 -23	99 0.3	93 8.6	99 -8.3	92 0.8	103 33.5	92 -10	91 6	112 1.91	96 -0.63	95 -0.52
CS 240015 97228746	1	RPE	190167 CS 200015		110 68	90 69	93 49	112 44	105 34	96 51	90 62	90 26	94 46	87 18	86 5	106 0.34	109 -2.8	87 4	90 9.5	93 1.7	91 51	87 13.4	91 46	104 45	92 -24	99 0.2	97 10.7	104 -11.2	104 -1.2	105 34.6	93 -9	86 1	100 0.72	93 -1.03	92 -0.71
CS 240019 97249189	2	GCS	160016 TW 180016		79 70	111 71	92 56	96 54	95 39	91 55	100 66	96 27	90 49	98 16	102 26	74 3.67	88 0.1	104 27	111 20.8	92 1.3	101 77	107 31.2	97 67	75 -24	92 -24	96 0.1	94 9.0	96 -6.7	98 -0.2	104 34.5	98 -5	96 10	109 1.61	94 -0.93	98 -0.25
CS 240022 97249213		GCS	160016 CS 180006		89 67	92 68	97 54	99 52	102 32	83 52	81 63	96 20	83 46	93 7	94 15	89 2.12	92 -0.6	99 21	92 10.5	97 2.9	90 50	85 12.0	96 64	108 56	94 -27	93 -0.1	102 14.1	98 -8.2	102 -0.8	106 35.2	101 -2	97 11	98 0.44	89 -1.73	99 -0.13
CS 240023 97249221	3	LAR	170248 TW 190023		80 68	123 70	96 51	92 48	95 36	106 53	117 63	107 30	106 48	109 31	110 37	77 3.42	94 -0.8	108 34	123 27.2	96 2.4	113 104	116 39.6	109 112	90 11	113 -59	106 0.7	99 11.9	96 -6.7	93 0.6	105 34.9	114 8	120 31	115 2.20	101 0.22	93 -0.67
CS 240027 97291322		LAR	170248 CS 180015		106 64	93 66	97 48	100 45	100 29	92 49	90 60	93 23	91 44	95 20	97 20	101 0.85	112 -3.1	99 20	93 11.3	97 2.7	91 53	86 12.7	95 61	70 -37	97 -32	97 0.1	87 5.2	103 -10.6	94 0.5	103 33.4	105 1	104 17	103 0.97	95 -0.70	92 -0.77
CS 240038 97321426		GCS	160016 CS 180016		97 66	102 67	109 52	87 50	99 32	99 51	100 62	102 20	99 45	104 7	109 36	95 1.47	108 -2.6	113 41	102 16.2	109 6.4	103 79	95 20.4	103 91	94 21	97 -31	94 0.0	108 17.7	92 -4.3	101 -0.8	104 34.5	111 6	110 23	107 1.35	88 -1.77	100 -0.07
CS 240042 97382105	1	GT	190104 TW 190057		77 66	107 68	103 47	93 45	92 30	89 50	98 61	97 31	88 46	109 26	104 29	79 3.21	86 0.3	106 31	107 18.8	103 4.5	105 87	104 28.7	100 80	112 65	103 -42	97 0.2	97 11.1	94 -5.9	87 1.8	105 34.9	99 -4	110 22	101 0.76	117 2.76	115 1.17
CS 240045 97382139	1	GCS	160016 TW 170024		87 69	101 71	87 56	106 54	97 37	87 55	92 66	96 28	87 50	96 18	90 12	83 2.74	98 -1.3	93 12	101 15.5	87 -0.3	93 57	97 22.7	97 67	98 28	96 -29	96 0.1	99 12.5	94 -5.4	102 -0.9	103 33.6	102 -2	95 9	110 1.66	101 0.17	100 -0.07
CS 240054 97520886	2	LAR	170248 CS 210022		95 65	112 67	92 45	88 46	90 33	96 50	105 60	106 28	97 46	99 24	111 39	89 2.08	112 -3.2	113 41	112 21.6	92 1.2	98 68	113 36.6	105 98	94 22	106 -47	94 0.0	85 4.1	93 -5.2	89 1.4	105 34.7	105 1	107 20	113 2.02	96 -0.63	91 -0.80
CS 240059 97520936	2	LAR	170248 CS 210035		88 65	111 67	86 47	88 47	95 33	90 50	97 60	106 28	92 46	99 24	113 40	85 2.57	106 -2.3	114 42	111 20.6	86 -0.5	91 52	111 34.6	105 97	95 23	106 -46	94 0.0	86 4.4	95 -6.4	90 1.3	111 38.2	102 -2	104 18	114 2.03	95 -0.74	93 -0.65

Breeding Values and Accuracies: Cows & Heifers

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 Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
CS 240069 97708390	1	GT 190104 BEI 170019			80 66	132 69	103 49	82 46	78 32	108 51	131 62	97 43	105 49	108 39	119 49	69 4.18	97 -1.1	120 51	132 32.2	103 4.6	120 121	118 41.4	107 107	70 -36	103 -41	95 0.1	91 7.4	68 9.1	87 1.8	106 35.6	108 3	108 21	86 -0.67	104 0.72	97 -0.32	
CS 240071 97844492	1	LAR 170248 CS 200030			89 67	116 69	80 47	90 45	100 33	97 51	103 62	105 26	97 46	99 20	107 33	84 2.63	112 -3.2	112 39	116 23.6	80 -2.4	92 55	110 34.3	105 98	114 71	109 -51	99 0.3	104 15.2	90 -3.6	103 -1.1	111 38.6	112 6	108 21	105 1.17	92 -1.14	89 -0.98	
CS 240074 97844518	1	RPE 190167 TW 170035			92 68	98 70	102 51	105 45	90 35	90 52	96 63	93 28	88 47	96 23	91 11	93 1.66	88 0.0	93 12	98 13.9	102 4.4	104 83	98 23.3	93 52	79 -14	89 -19	107 0.7	96 10.6	82 1.3	97 0.0	105 35.0	88 -13	87 2	104 1.09	108 1.31	109 0.69	
CS 240075 97844526	1	LAR 170248 CS 200022			87 66	116 69	88 46	92 44	96 33	99 51	107 61	103 26	99 46	105 20	107 33	84 2.65	104 -2.1	108 34	116 23.5	88 0.2	100 74	106 30.6	104 95	78 -16	106 -46	95 0.0	96 10.3	92 -4.6	94 0.4	110 37.8	114 8	115 27	115 2.14	92 -1.19	92 -0.75	
CS 250001 98113434	1	RPE 190167 CS 220007			89 66	112 67	98 46	94 44	106 34	106 50	108 60	84 27	101 45	85 18	105 31	85 2.57	105 -2.3	105 30	112 21.2	98 3.1	106 88	107 31.2	87 30	104 47	90 -19	104 0.5	94 9.1	108 -13.8	104 -1.4	101 32.7	96 -7	89 4	97 0.35	94 -0.95	91 -0.83	
CS 250003 98178890	2	RPE 190167 CS 220074			114 66	104 66	84 45	102 43	100 34	103 49	101 59	91 28	99 45	94 24	97 19	113 -0.35	131 -5.7	97 17	104 16.9	84 -1.3	91 51	95 20.8	91 47	82 -8	88 -16	107 0.7	88 5.7	103 -10.6	97 0.0	106 35.4	92 -10	88 3	111 1.78	103 0.54	84 -1.40	
CS 250004 98228794	1	RPE 190167 CS 220009			106 66	105 66	94 46	97 44	97 34	102 50	104 60	103 28	102 46	97 22	101 25	101 0.87	116 -3.7	102 25	105 17.8	94 1.9	99 71	99 23.7	101 85	94 21	95 -28	100 0.3	94 9.0	103 -10.7	93 0.7	103 33.4	94 -8	93 7	112 1.93	96 -0.56	95 -0.47	
CS 250006 98530256	2	RPE 190167 CS 220077			104 65	113 67	96 47	93 44	92 35	106 50	112 60	110 29	107 46	107 26	108 35	101 0.92	112 -3.2	107 32	113 21.6	96 2.4	104 83	111 34.6	109 114	90 11	102 -40	105 0.6	101 13.4	95 -6.3	93 0.6	101 32.6	100 -3	104 17	121 2.79	99 -0.17	95 -0.45	
CS 250007 98624257	2	RPE 190167 CS 220034			107 65	102 57	88 44	101 43	92 35	94 46	98 54	99 28	93 42	90 24	98 21	103 0.66	119 -4.2	98 19	102 15.7	88 0.1	92 55	102 27.1	98 72	107 52	97 -32	97 0.2	93 8.7	100 -9.1	92 0.8	97 30.2	90 -11	88 3	110 1.65	94 -0.83	97 -0.31	
CS 250010 98982317		CS 180050			86 54	89 50	105 27	109 30							88 2.26	81 1.0	89 6	89 9.2	105 5.2	100 73									75 16.7							
CS 250013 98982309		CS 190012			123 55	80 57	98 30	101 31							99 22	122 -1.33	115 -3.6	98 19	80 4.1	98 3.0	80 25	74 2.2					114 -17.3		74 15.9							
CS 250015 98988934		CS 220021			95 55	94 57	102 32	94 35	100 20	88 40	86 49			88 13	105 30	95 1.49	101 -1.7	105 30	94 11.5	102 4.2	93 55	91 17.3	91 46	97 29	82 -7	93 -0.1	89 6.3	105 -11.9	112 -2.7	75 16.5	93 -8	92 7	93 0.01	90 -1.51	102 0.12	

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 & 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 Thickn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
CS 250016 98988942		CS	180049	117 56	70 57	103 32	113 32								117 -0.79 62	104 -2.1 42	87 2 32	70 -0.9 57	103 4.7 32	81 27 40								78 18.4 23						
CS 250018 99003519		CS	220027	109 55	96 57	98 32	95 35	110 20	102 40	94 49				105 30 24	106 0.37 62	113 -3.4 42	103 27 35	96 12.9 57	98 3.1 32	93 57 41	86 12.9 30	82 9 20	83 -4 11		98 0.2 23	92 8.0 22	108 -13.5 22	122 -4.5 9	77 17.8 29	98 -4 22	94 9 21			
CS 250019 99003428		CS	190016	105 56	78 57	110 28	103 32							107 0.26 63	95 -0.9 41		94 13 32	78 3.3 57	110 6.9 28	91 52 39	75 2.4 14	91 46 11	114 71 22		100 0.3 17	100 12.9 16			75 16.5 22	100 -3 15	95 10 12			
CS 250023 99056517		CS	150007	113 58	73 59	112 39	105 34	109 13	89 40	74 52				92 13 27	115 -0.56 64	100 -1.5 44	93 11 34	73 0.5 59	112 7.5 39	89 46 44	70 -1.9 24	80 2 11	91 13 22			91 7.4 16	112 -15.8 12		74 16.4 26					
CS 250026 99072936		CS	220038	118 56	91 58	88 32	101 35	102 23	94 41	87 50			85 18	99 22 26	116 -0.73 63	112 -3.2 42	98 19 35	91 10.2 58	88 -0.1 32	82 30 42	93 18.4 32	90 40 22	92 16 20	82 -8 13	96 0.1 24	86 4.3 24	107 -12.9 26	115 -3.1 13	77 17.7 29	86 -14 23	86 1 22	92 -0.10 18	92 -1.16 18	99 -0.16 18
CS 250030 99102741		CS	220058	93 55	98 57	110 30	91 33	97 18	93 39	95 49			89 14	111 38 20	92 1.77 63	101 -1.7 41	108 34 33	98 13.8 57	110 6.6 30	102 78 40	95 20.3 28	86 26 18	103 42 15	81 -6 10	101 0.4 22	89 6.0 21	97 -7.5 21	111 -2.6 8	77 18.1 26	105 1 20	103 16 18	95 0.17 14	85 -2.33 15	91 -0.81 14
CS 250032 99126179		CS	220028	109 55	89 57	97 30	95 34	100 20	89 39	83 49			86 13	103 28 19	109 0.07 63	107 -2.5 41	104 27 34	89 9.2 57	97 2.8 30	86 39 40	86 12.9 28	89 38 18	84 -4 17	78 -1 10	92 -0.1 20	87 5.0 20	104 -11.4 23	112 -2.6 10	77 17.7 28	91 -11 19	89 4 18	92 -0.09 13	90 -1.51 13	102 0.11 13
CS 250033 99121105		TW	170013	101 61	81 62	108 41	125 38	112 28	98 45	87 55	83 24	93 41	87 24	82 -1 35	104 0.54 67	81 0.9 48	79 -9 38	81 5.0 62	108 6.2 41	101 76 47	82 8.7 36	87 30 24	93 20 20	94 -26 22	100 0.3 25	102 13.8 25	120 -20.4 27	125 -5.0 21	67 11.8 36	100 -3 25	93 8 24	79 -1.40 23	109 1.45 24	105 0.37 23
CS 250034 99179863		CS	140005	114 59	72 59	109 38	100 31							98 20 14	110 -0.11 65	114 -3.5 43	98 18 31	72 -0.1 59	109 6.6 38	83 31 43	73 0.9 18					105 -11.8 8		63 9.5 27						
CS 250037 99176521		CS	210019	104 57	92 58	95 34	94 36	104 21	90 41	84 51			87 13	104 29 32	105 0.48 64	103 -2.0 44	106 31 36	92 10.9 58	95 2.1 34	86 39 43	92 17.7 34	91 47 18	110 60 17	84 -10 10	93 -0.1 20	89 6.4 20	109 -14.4 23	111 -2.6 11	79 19.3 29	93 -8 19	92 7 18	93 -0.05 13	90 -1.51 13	102 0.11 13
CS 250038 99176539		CS	220029	99 56	99 57	102 32	92 34	99 20	95 40	95 49			92 13	107 33 19	98 1.19 63	105 -2.2 41	107 32 34	99 14.5 57	102 4.2 32	97 66 41	93 19.1 28	92 50 18	75 -25 17	79 -3 10	93 -0.1 20	90 6.6 20	101 -9.9 23	111 -2.6 10	76 17.3 28	95 -7 19	95 9 18	97 0.36 13	90 -1.52 13	102 0.14 13
CS 250039 99176547		TW	160009	114 60	73 61	87 38	114 36	96 23	72 43	65 54	75 20	68 38	75 18	86 5 35	113 -0.43 66	103 -2.0 47	87 2 36	73 0.2 61	87 -0.4 38	67 -6 45	77 4.8 34	78 -4 20	100 36 22	76 3 18	95 0.1 23	82 1.8 22	111 -15.3 22	110 -2.3 14	63 9.7 33	89 -12 22	78 -5 20	81 -1.23 18	105 0.79 19	100 -0.03 18

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth			Wean				Growth & Adaptability					Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
CS 250040 99179871		TW	180016	103 61	91 62	96 40	104 37	104 26	91 45	86 55			81 14	96 19	104 0.55	96 -1.1	94 14	91 9.9	96 2.5	90 50	91 17.0	81 8	95 23	77 1	99 0.3	82 1.8	112 -16.2	114 -3.0	76 17.6	91 -11	86 1	89 -0.44	96 -0.65	99 -0.17
CS 250044 99240855		CS	220014	114 56	88 56	98 30	96 33	99 20	90 39	85 48			87 13	103 27	113 -0.38	111 -3.0	103 26	88 8.7	98 3.0	86 39	85 12.0	89 36	87 5	79 -1	92 -0.1	87 4.8	104 -11.2	111 -2.6	75 17.0	90 -11	88 3	93 -0.05	90 -1.51	102 0.11
CS 250046 99227605		CS	210033	119 56	86 56	98 32	105 33	107 19	97 39	87 49			82 10	95 16	115 -0.58	117 -3.9	93 12	86 7.2	98 3.1	88 44	82 9.2	82 10	90 11	81 -6	94 0.0	84 3.0	112 -15.7	118 -3.8	75 17.0	98 -4	91 6	86 -0.73	90 -1.48	95 -0.47
CS 250050 99272619		CS	210035	96 56	92 57	98 34	95 36	101 21	86 40	83 50			89 13	104 29	97 1.25	98 -1.3	104 28	92 10.6	98 3.2	89 47	92 17.6	91 46	105 47	83 -8	93 -0.1	89 6.3	102 -10.4	113 -2.9	79 19.3	93 -9	92 6	95 0.15	90 -1.52	102 0.13
CS 250051 99338469		CS	210023	86 56	96 56	99 33	97 34	101 21	85 40	86 49			91 13	101 25	86 2.46	92 -0.5	101 24	96 12.7	99 3.4	94 60	94 19.2	92 49	99 33	83 -8	93 -0.1	90 6.7	107 -13.2	111 -2.5	75 16.5	94 -8	94 8	96 0.27	90 -1.52	102 0.13
CS 250052 99367054		TW	180017	116 60	80 60	98 40	107 36	113 23	94 43	79 53			83 13	91 11	114 -0.53	109 -2.8	92 10	80 4.2	98 3.1	83 33	80 6.9	83 13	83 -5	80 -4	95 0.0	86 4.3	109 -14.2	128 -5.6	77 18.2	97 -5	91 5	84 -0.93	91 -1.31	99 -0.15
CS 250053 99338535		CS	210034	96 57	89 57	101 34	105 36	105 20	89 40	84 50				94 16	96 1.35	93 -0.6	94 13	89 9.2	101 4.0	94 58	82 9.1	84 17	75 -24		95 0.1	96 10.3	105 -11.9	118 -3.8	78 18.5	97 -6	93 7			
CS 250054 99338543		TW	170002	96 60	83 60	103 40	119 36	110 22	91 43	83 53			78 14	87 6	93 1.66	95 -0.9	84 -2	83 6.0	103 4.5	95 60	81 7.8	77 -9	85 0	74 6	93 0.0	90 6.8	113 -16.5	125 -5.0	71 14.3	93 -9	86 1	84 -0.96	89 -1.75	106 0.42
CS 250059 99374886		CS	220070	77 56	103 56	110 31	94 34	103 19	94 39	96 49				104 28	71 4.04	82 0.9	105 29	103 16.3	110 6.8	108 93	93 18.8	87 30	69 -39		93 -0.1	96 10.1	98 -7.7	118 -3.7	81 20.5	100 -3	96 10			
CS 250061 99432130		CS	190022	96 56	84 57	108 35	99 34	110 11	89 38	79 50				98 20	98 1.16	93 -0.7	98 20	84 6.4	108 6.3	93 56	77 4.7	82 12	93 18			89 6.3	115 -17.5		75 17.1					
CS 250062 99432148		CS	200007	114 59	88 60	103 36	107 35	106 20	101 42	92 52				91 11	112 -0.29	108 -2.7	91 9	88 8.7	103 4.7	96 65	85 11.3	83 15	113 67		94 0.0	92 7.9	106 -12.6	120 -4.1	79 19.4	97 -5	92 7			
CS 250067 99548968		CS	220032	98 55	103 57	99 32	91 35	86 22	90 40	98 49			92 14	108 34	97 1.27	103 -2.0	109 35	103 16.6	99 3.5	98 68	103 27.6	97 68	104 45	92 -23	96 0.1	95 10.1	93 -4.9	101 -0.7	77 18.0	97 -5	99 13	101 0.79	89 -1.70	101 0.00

Breeding Values and Accuracies: Cows & Heifers

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
CS 250069 99645988				TW 190057	75 59	107 60	100 37	89 35	112 21	95 42	94 52			94 10	112 39 31	77 3.43 65	83 0.8 45	111 38 35	107 18.7 60	100 3.6 37	100 74 44	101 25.8 33	94 56 16	111 63 8	91 -22 8	93 -0.1 20	98 11.3 19	115 -17.6 21	118 -3.8 12	79 19.2 31	104 0 18	105 18 16	95 0.23 10	91 -1.35 10	115 1.17 9
CS 250072 99673618				TW 170041	100 59	86 61	99 39	106 35	100 24	84 43	80 53	80 20	81 38	84 18	94 16 32	102 0.80 65	93 -0.7 45	93 11 35	86 7.3 61	99 3.5 39	89 48 45	84 11.0 36	84 18 21	87 6 28	81 -6 17	99 0.3 21	89 6.3 24	103 -10.9 23	116 -3.4 15	71 14.1 33	96 -6 20	90 4 19	86 -0.76 17	103 0.57 18	106 0.47 17
CS 260003 6020625601	1			CS 220045 CS 230030	103 62	99 45	103 36	104 35	99 26	101 39	101 45	103 24	101 36	95 18	94 15 30	99 1.06 69	116 -3.7 47	94 13 35	99 14.2 45	103 4.5 36	104 84 39	102 26.7 44	99 75 32	111 62 23	91 -21 14	96 0.1 39	95 9.8 39	107 -13.4 30	97 0.0 14	98 30.8 34	91 -10 36	90 5 31	116 2.24 17	93 -0.98 18	98 -0.23 17
CS 260004 6020625619	14			CS 220045 CS 210003	112 64	98 46	92 42	92 44	98 27	95 41	94 48	117 26	99 38	103 20	107 33 39	108 0.16 70	124 -4.9 51	108 34 44	98 14.1 46	92 1.3 42	88 44 44	104 28.2 45	110 116 33	115 72 25	96 -30 15	93 -0.1 42	95 9.7 39	107 -13.1 30	93 0.7 16	100 31.6 36	89 -12 38	95 9 33	125 3.14 20	94 -0.97 20	103 0.19 20
CS 260005 6020643844	26			RPE 190167 CS 230027	116 65	91 56	94 41	112 34	105 32	101 44	95 52	82 26	96 40	83 20	88 7 23	110 -0.11 71	116 -3.7 49	88 4 34	91 10.3 56	94 2.0 41	93 57 44	88 14.1 52	85 22 32	81 -11 32	84 0.4 32	102 0.4 32	90 6.9 37	106 -12.7 36	105 -1.4 19	101 32.4 41	87 -13 31	79 -5 30	99 0.55 20	96 -0.62 21	89 -0.96 20
CS 260007 6020643869				CS 220045 CS 180053	106 63	92 37	123 41	91 42	96 22	100 37	99 42	110 22	102 34	107 15	106 31 25	103 0.69 69	112 -3.2 50	107 32 42	92 10.9 37	123 10.7 41	108 94 40	92 18.1 33	106 102 27	93 19 18	92 -23 12	97 0.2 36	102 13.8 34	101 -9.4 22	90 1.2 12	101 32.6 33	101 -2 33	105 18 28	121 2.80 15	94 -0.96 15	102 0.12 15
CS 260008 6020643877				CS 220045 CS 180002	97 63	94 35	104 37	104 41	96 22	92 36	93 40	107 22	93 33	101 15	94 15 25	93 1.70 69	103 -2.0 50	94 13 41	94 11.7 35	104 4.9 37	101 75 38	93 19.1 33	103 89 27	115 72 18	92 -24 12	96 0.1 36	99 12.1 34	106 -12.6 21	91 1 12	94 28.5 33	96 -6 33	98 11 28	116 2.24 15	94 -0.94 15	102 0.08 15
CS 260009 6020643885	1			CS 220045 CS 230019	107 63	100 46	98 36	100 35	94 27	98 39	100 45	106 25	99 36	100 18	98 20 29	103 0.63 70	118 -4.0 47	99 20 35	100 14.7 46	98 3.1 36	99 70 39	101 25.7 44	102 87 32	104 45 25	93 -26 14	97 0.2 40	99 12.4 39	102 -10.3 30	91 1.0 15	102 32.9 35	91 -10 36	92 7 32	121 2.82 17	93 -1.08 18	98 -0.26 17
CS 260010 6020643893	2			CS 220045 CS 230067	101 63	110 46	96 37	99 37	92 27	103 40	110 46	112 30	105 38	102 24	99 23 33	97 1.30 70	116 -3.7 48	100 22 37	110 20.1 46	96 2.6 37	106 88 40	109 33.0 41	111 119 35	101 37 23	104 -43 20	92 -0.1 45	91 7.6 41	97 -7.2 30	90 1.2 15	104 34.2 37	101 -3 41	99 13 36	116 2.30 23	88 -1.82 25	95 -0.47 23
CS 260011 6020651714				CS 220045 CS 190016	92 63	99 35	113 37	95 42	97 22	97 36	99 40	113 23	99 33	105 15	102 26 25	88 2.22 69	104 -2.1 50	103 26 42	94 14.4 35	113 7.6 37	108 93 38	98 23.5 34	113 128 30	129 105 28	104 -43 12	101 0.4 40	109 18.0 38	105 -12.1 21	91 1.0 12	97 29.9 32	101 -2 36	104 17 30	118 2.49 15	94 -0.85 15	103 0.18 15
CS 260019 6020676893				TW 170013	101 60	87 38	106 39	119 38	111 27	100 37	91 42	84 24	96 34	92 24	86 5 35	104 0.58 66	85 0.4 48	83 -2 38	87 8.0 38	106 5.5 39	102 78 38	85 11.8 36	89 38 24	91 15 20	95 -28 22	100 0.3 25	104 14.9 25	118 -19.6 27	125 -5.0 21	67 11.7 33	102 -1 25	97 11 24	84 -0.97 23	109 1.43 24	105 0.40 23
CS 260020 6020676901				CS 150001	88 58	81 29	106 37	102 32							95 17 27	94 1.57 64	77 1.5 43	96 16 32	81 4.9 29	106 5.4 37	89 47 33	77 4.2 21	80 5 11	96 25 22		91 7.2 16			72 14.9 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 Animal no	% Inbreeding	Genomic Parentage	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Wean Calf V	Growth Value	Prod. Value	Carcass V	Cow wt -birth	Birth wt	Cow-Calf birth	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Veld growth	FCR	Skin Thckn	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																															
CS 260023 6020711922		CS	230058	92 55	97 33	98 23	102 15	103 17	92 28	92 32			86 10	96 18 12	89 2.11 63	100 -1.6 34	96 16 15	97 13.1 33	98 3.1 23	97 67 24	93 18.6 26	85 23 16	93 19 12	84 -10 6	94 0.0 19	87 4.8 19	106 -12.7 20	117 -3.6 8	73 15.3 23	103 -1 18	97 11 16	90 -0.34 10	90 -1.49 11	95 -0.44 10
CS 260026 6020726177		TW	190017	93 60	93 37	101 38	105 37	107 23	93 36	88 41	80 20	88 33	87 23	96 18 34	95 1.54 66	89 -0.2 46	93 12 37	93 11.1 37	101 3.9 38	97 67 37	90 15.7 35	85 23 26	103 43 30	83 -8 13	100 0.3 28	90 6.6 29	104 -11.2 25	118 -3.8 15	82 21.2 30	93 -9 27	92 6 25	87 -0.64 23	94 -0.82 23	95 -0.45 23
CS 260027 6020726185		CS	220009	110 56	90 34	99 30	96 34	104 20	94 32	87 37			90 13	103 28 32	109 0.00 63	108 -2.7 42	103 27 34	90 9.7 34	99 3.4 30	89 46 33	88 14.1 30	92 48 18	99 33 20	82 -7 10	93 -0.1 20	88 5.8 21	112 -15.7 23	112 -2.7 11	77 18.2 25	93 -8 19	92 7 18	95 0.18 13	90 -1.46 13	103 0.18 13
CS 260028 6020732308		CS	230073	78 56	95 28	101 27	105 26	103 16	85 28	86 32				93 14 23	77 3.43 63	80 1.1 39	93 12 26	95 12.2 28	101 4.1 27	100 73 27	90 16.0 24	82 9 15	92 17 20		91 -0.2 12	89 6.3 19	102 -10.5 16	119 -4.0 8	76 17.6 25	95 -7 11	88 3 10			
CS 260032 6020728868		CS	230020	99 54	87 32	105 23	103 21	101 16	88 28	84 32			81 8	94 15 20	98 1.21 62	98 -1.3 36	95 14 21	87 8.0 32	105 5.1 23	94 60 25	83 9.7 26	81 6 10		77 1 6	104 0.5 12	94 9.3 12	104 -11.2 19	112 -2.7 6	78 18.4 22	92 -9 11	87 2 10	85 -0.85 7	87 -2.01 8	98 -0.25 7
CS 260038 6020822125		CS	230059	136 55	80 34	93 23	104 19	97 18	92 29	82 33			84 10	95 16 15	133 -2.44 63	125 -4.9 36	94 13 19	80 4.1 34	93 1.7 23	78 19 25	78 5.4 31	84 17 17	93 18 17	79 -3 8	94 0.0 16	92 7.8 19	94 -5.4 22	114 -3.0 9	80 20.1 24	94 -8 15	87 2 14	89 -0.39 9	88 -1.88 10	96 -0.43 9
CS 260044 6020879398		CS	150004	93 58	83 29	114 37	104 34	108 12	89 30	81 35				94 15 29	95 1.45 64	86 0.3 44	93 12 34	83 5.9 29	114 7.9 37	99 72 33	77 4.4 27	79 -1 16	85 0 22		102 0.4 17	94 9.4 21	112 -16.0 12		74 16.3 23	94 -8 15	91 5 12			
CS 260045 6020879406		CS	210019	102 57	91 35	96 33	95 36	104 20	88 33	82 38			86 13	102 26 32	103 0.69 63	101 -1.7 44	104 27 36	91 9.9 35	96 2.6 33	86 40 35	91 16.8 34	90 43 18	111 63 17	83 -9 10	93 -0.1 20	88 5.9 20	110 -14.8 23	112 -2.6 11	79 19.3 26	92 -10 19	90 5 18	92 -0.11 13	90 -1.51 13	102 0.11 13

Selection List on Cow Value

Bulls 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X nt821 F94L	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc
1	CS 240020	CS 240020	RPE 190167	CS 210056	7	1.3		1	0								
1	CS 230021	CS 230021	RPE 190167	CS 200007	8	1.1	HH(c)	0	0	0							
1	CS 240002	CS 240002	RPE 190167	TW 190058	8	1.5		0	0								
2	CS 240016	CS 240016	RPE 190167	CS 210014	7	1.1		1	0								
3	CS 240028	CS 240028	GT 190104	TW 180017	6	0.6		0	0								
1	CS 240039	CS 240039	LAR 170248	CS 150001	7	0.0		0	0								
2	CS 240041	CS 240041	GCS 160016	CS 150010	6	0.0		0	0								
3	GT 190104	GT190104	AG 150769	GT 150012	7	1.3		0	0	0							

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID					% Inbreeding		Q204X nt821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
					Italics: DNA Test			★★★★★																			
1	CS 220007	CS 220007	MOR 160068	CS 190015	7	0.0		82	70	113	70	105	60	91	69	115	38	110	57	108	68	82	26	104	51	85	8
2	CS 220077	CS 220077	LAR 170384	TW 190023	7	2.4		86	71	125	72	104	62	81	70	92	42	110	59	124	70	129	34	115	54	122	35
3	CS 240010	CS 240010	GCS 160016	TW 190063	7	3.5		80	69	132	71	111	55	84	54	81	38	114	55	135	66	117	25	115	49	112	14
4	TW 170013	TW170013	VV 030346	TW 120009	7	0.0		99	79	92	76	113	79	126	75	110	54	111	67	103	77	105	46	110	63	112	47
5	TW 190063	TW190063	JRP 150031	JRP 140007	7	2.5		81	75	124	74	135	74	89	73	71	45	114	63	138	74	126	28	118	56	114	26
								★★★★☆																			
1	BEI 170019	BEI170019	BEI 120127	BEI 130016	7	6.3		109	78	100	76	113	77	103	74	92	46	106	65	107	76	96	65	104	65	84	63
2	CS 200007	CS 200007	GCS 160016	CS 140006	7	0.0		89	73	101	71	116	70	104	71	102	38	105	60	106	71	97	20	103	52	93	7
3	CS 210004	CS 210004	LAR 170384	CS 180051	7	0.0		121	68	99	68	106	62	86	69	92	39	103	57	103	67	115	28	105	51	105	26
4	CS 210033	CS 210033	LAR 170248	CS 140003	7	0.0		93	68	103	67	102	60	101	65	102	35	100	55	100	65	94	23	98	49	95	20
5	CS 220009	CS 220009	LAR 170384	CS 190022	9	0.0		101	70	106	69	101	60	84	69	98	39	100	57	103	67	118	30	103	52	108	26
6	CS 220027	CS 220027	MOR 160068	CS 150003	7	0.0		95	71	106	70	104	62	91	70	109	38	107	58	104	69	86	24	102	51	96	8
7	CS 230010	CS 230010	RPE 190167	CS 200077	7	2.9		98	69	102	69	96	47	110	37	96	39	100	51	103	61	84	28	95	46	89	24
8	CS 230027	CS 230027	RPE 190167	CS 190012	7	0.0		123	68	84	65	97	45	109	41	113	34	101	49	87	59	80	24	96	44	82	18
9	CS 230030	CS 230030	RPE 190167	CS 190015	7	0.0		113	68	86	68	103	47	115	42	109	34	102	51	92	61	81	24	97	46	80	18
10	CS 230034	CS 230034	RPE 190167	TW 190057	8	1.1		84	71	104	69	99	50	100	44	110	38	100	53	98	63	99	26	99	48	97	20
11	CS 230051	CS 230051	GCS 160016	TW 180025	8	1.6		85	71	114	70	95	54	91	52	100	39	101	55	106	65	108	28	102	50	108	16
12	CS 230067	CS 230067	LAR 170248	BEI 170019	7	1.2		107	71	109	70	91	51	102	48	95	38	106	54	109	64	99	41	104	51	93	38
13	CS 240009	CS 240009	RPE 190167	CS 210033	7	1.0		105	65	102	67	95	46	104	42	100	33	102	49	102	60	91	26	99	44	90	21
14	CS 240013	CS 240013	RPE 190167	CS 200007	8	1.1		111	68	91	69	105	49	111	44	100	34	101	51	98	62	90	26	98	46	86	18
15	CS 240014	CS 240014	RPE 190167	CS 210004	7	1.1		124	65	101	67	95	47	93	44	94	34	105	50	103	60	100	28	103	46	97	22
16	CS 240023	CS 240023	LAR 170248	TW 190023	7	3.2		80	68	123	70	96	51	92	48	95	36	106	53	117	63	107	30	106	48	109	31
17	CS 240069	CS 240069	GT 190104	BEI 170019	7	1.1		80	66	132	69	103	49	82	46	78	32	108	51	131	62	97	43	105	49	108	39
18	TW 190023	TW190023	LAR 140106	TW 120009	8	0.0		71	76	116	74	122	77	92	76	96	48	107	64	116	75	112	37	109	59	117	46
								★★★★★																			
1	CS 140006	CS1406			0.0			83	63	87	56	147	73	98	65	97	24	97	50	97	61						

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID					% Inbreeding		Q204X nt821 F94L	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
					Italics: DNA Test			★★★★																			
2	CS 200015	CS 200015	GCS 160016	CS 160004	6	0.0		100	73	88	70	94	68	108	70	111	38	91	59	83	70	95	20	90	51	94	7
3	CS 210003	CS 210003	LAR 170384	CS 180047	8	0.0		125	72	88	69	83	65	88	69	108	39	90	58	79	69	109	28	93	52	96	26
4	CS 210016	CS 210016	LAR 170384	CS 150003	6	0.0		109	73	104	70	98	67	87	72	94	40	99	59	101	70	114	28	102	53	108	26
5	CS 210034	CS 210034	GCS 160016	CS 150004	6	0.0		80	71	103	70	102	66	96	71	99	37	91	58	96	69	93	22	90	51	103	7
6	CS 220001	CS 220001	MOR 160068	CS 190012	6	0.0		110	70	93	55	81	57	97	68	115	34	94	51	83	59	77	24	89	46	86	8
7	CS 220004	CS 220004	MOR 160068	CS 180012	7	0.0		97	68	102	68	101	60	92	69	99	37	96	56	97	67	85	24	92	50	94	8
8	CS 220023	CS 220023	MOR 160068	CS 190019	7	0.0		105	70	98	69	83	54	98	66	110	37	95	55	88	66	73	24	88	49	81	8
9	CS 220029	CS 220029	LAR 170384	CS 160002	7	0.0		109	68	103	68	106	60	85	69	87	38	98	56	103	67	114	28	100	50	109	26
10	CS 220031	CS 220031	LAR 170384	CS 150007	7	0.0		96	71	106	69	103	61	79	70	93	39	94	57	101	68	111	30	96	52	107	26
11	CS 220034	CS 220034	LAR 170384	TW 170016	8	2.6		95	72	109	70	86	56	91	67	88	42	90	57	99	67	113	32	93	52	97	30
12	CS 220038	CS 220038	LAR 170384	TW 190007	7	2.8		132	72	97	71	78	62	96	71	93	44	96	59	93	69	115	35	99	54	101	36
13	CS 220043	CS 220043	LAR 180321	TW 140006	7	0.0		89	68	107	68	106	59	88	67	85	35	91	55	102	66	95	31	90	50	110	30
14	CS 220053	CS 220053	LAR 180198	TW 180017	7	0.8		100	70	104	70	77	59	91	67	115	38	95	57	88	67	94	26	94	51	100	28
15	CS 220058	CS 220058	LAR 180321	TW 130002	8	0.0		80	67	101	67	129	57	88	67	85	35	93	54	104	65	96	30	92	49	98	30
16	CS 220074	CS 220074	LAR 180198	TW 170024	7	0.6		108	72	100	70	86	59	96	67	105	39	97	57	92	68	93	30	95	52	100	30
17	CS 220079	CS 220079	LAR 180321	TW 170002	7	4.4		92	71	107	70	100	60	91	68	93	38	95	57	102	68	89	30	92	52	98	30
18	CS 220083	CS 220083	GCS 160016	CS 180016	8	0.0		85	68	105	68	105	60	97	68	101	32	99	55	103	66	100	20	98	48	102	7
19	CS 230011	CS 230011	GCS 160016	AG 170040	7	2.0		98	72	105	71	85	56	100	54	100	43	94	56	96	66	94	28	93	50	94	20
20	CS 230019	CS 230019	RPE 190167	CS 200046	7	1.1		111	70	92	69	95	48	104	44	100	37	95	52	91	62	88	26	92	47	89	18
21	CS 230025	CS 230025	RPE 190167	CS 200022	7	1.1		80	67	111	69	102	47	96	42	96	34	99	51	107	61	95	26	97	46	97	18
22	CS 230026	CS 230026	RPE 190167	CS 200075	8	3.1		94	69	101	69	94	47	108	37	94	39	93	51	98	61	90	29	90	47	87	24
23	CS 230058	CS 230058	LAR 170248	CS 140008	8	0.0		86	67	107	66	97	45	96	30	95	33	93	48	101	58	97	23	93	43	100	20
24	CS 230059	CS 230059	RPE 190167	CS 200039	7	1.1		105	69	105	69	94	46	100	37	82	37	94	51	103	61	96	26	93	46	95	18
25	CS 230066	CS 230066	GCS 160016	CS 180016	8	0.0		103	66	94	67	110	52	97	50	99	32	97	51	95	62	99	20	97	45	101	7
26	CS 240001	CS 240001	RPE 190167	CS 180049	7	0.0		109	66	87	50	100	45	112	42	103	30	95	44	89	51	86	24	91	40	87	18
27	CS 240003	CS 240003	RPE 190167	CS 210019	6	1.1		102	67	98	67	94	48	99	45	98	34	93	51	94	61	98	28	93	46	90	22
28	CS 240004	CS 240004	RPE 190167	CS 210009	8	1.1		102	66	97	67	90	47	101	44	97	34	90	50	90	60	97	28	90	46	89	22
29	CS 240007	CS 240007	RPE 190167	CS 210007	7	1.1		105	64	102	65	98	46	97	44	94	33	99	49	102	59	102	28	99	45	94	22
30	CS 240011	CS 240011	GT 190104	CS 190041	7	0.0		97	62	98	64	116	42	95	43	87	24	94	46	101	57	92	28	92	42	104	24
31	CS 240012	CS 240012	GT 190104	TW 190022	9	0.8		84	66	111	68	115	46	93	45	80	30	97	50	114	61	101	33	97	47	106	27

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID			Name	Sire ID	Dam ID	Visual Score	Inbreeding	Horned / Polled	Myostatin	Q204X	nt821	F94L	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
														Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
						Italics: DNA Test								★★★★																			
32	CS	240015	CS 240015	RPE 190167	CS 200015	8	1.1							110	68	90	69	93	49	112	44	105	34	96	51	90	62	90	26	94	46	87	18
33	CS	240019	CS 240019	GCS 160016	TW 180016	7	1.7							79	70	111	71	92	56	96	54	95	39	91	55	100	66	96	27	90	49	98	16
34	CS	240027	CS 240027	LAR 170248	CS 180015	8	0.0							106	64	93	66	97	48	100	45	100	29	92	49	90	60	93	23	91	44	95	20
35	CS	240038	CS 240038	GCS 160016	CS 180016	6	0.0							97	66	102	67	109	52	87	50	99	32	99	51	100	62	102	20	99	45	104	7
36	CS	240054	CS 240054	LAR 170248	CS 210022	7	1.7							95	65	112	67	92	45	88	46	90	33	96	50	105	60	106	28	97	46	99	24
37	CS	240059	CS 240059	LAR 170248	CS 210035	7	1.7							88	65	111	67	86	47	88	47	95	33	90	50	97	60	106	28	92	46	99	24
38	CS	240071	CS 240071	LAR 170248	CS 200030	7	1.5							89	67	116	69	80	47	90	45	100	33	97	51	103	62	105	26	97	46	99	20
39	CS	240074	CS 240074	RPE 190167	TW 170035	7	1.0							92	68	98	70	102	51	105	45	90	35	90	52	96	63	93	28	88	47	96	23
40	CS	240075	CS 240075	LAR 170248	CS 200022	7	1.5							87	66	116	69	88	46	92	44	96	33	99	51	107	61	103	26	99	46	105	20
41	TW	170002	TW170002	BP 140027	TW 100328	7	0.0							98	77	82	73	104	78	123	72	109	43	93	63	86	74	81	30	89	56	80	27
42	TW	180017	TW180017	PAD 130127	TW 140025	7	0.0							105	76	85	73	102	77	103	72	115	44	95	63	83	74	91	22	93	55	91	26
43	TW	190017	TW190017	LAR 140106	TW 120006	8	0.0							81	76	105	73	103	76	100	74	103	46	97	63	99	74	96	41	96	59	101	46
44	TW	190057	TW190057	BP 150006	TW 150026	7	0.0							71	74	109	70	103	72	86	70	115	40	97	60	95	71	110	25	99	53	111	20
														★★★★☆																			
1	CS	150004	CS1504			0.0								90	65	80	59	128	75	100	68	106	24	89	52	81	64						
2	CS	150007	CS1507			0.0								99	63	79	59	127	75	94	68	105	24	89	52	80	64						
3	CS	150010	CS1510			0.0								85	62	87	58	106	74	91	66	110	21	82	51	74	62						
4	CS	190022	CS 190022			0.0								99	54	76	50	120	67	94	67	111	19	85	45	72	56						
5	CS	200046	CS 200046	GCS 160016	CS 150004	8	0.0							94	73	90	70	102	66	100	69	97	38	84	58	84	70	92	22	83	51	95	7
6	CS	210019	CS 210019	LAR 170384	CS 180006	8	0.0							101	72	99	70	94	66	84	72	97	39	88	59	89	70	114	28	92	53	100	26
7	CS	210023	CS 210023	LAR 170384	CS 170026	7	0.0							99	69	96	68	95	63	91	69	92	39	84	57	87	67	113	28	88	51	101	26
8	CS	210035	CS 210035	LAR 170384	CS 170047	7	0.0							93	70	95	69	100	65	87	71	93	39	81	58	84	69	113	28	86	52	100	26
9	CS	220014	CS 220014	LAR 170384	CS 180008	6	0.0							104	67	96	67	103	57	91	66	87	38	87	55	92	65	110	28	90	50	102	26
10	CS	220028	CS 220028	LAR 170384	CS 170043	7	0.0							103	67	100	67	98	58	83	69	89	38	87	55	93	65	112	28	91	50	105	26
11	CS	220032	CS 220032	LAR 170384	TW 190058	7	3.3							95	71	112	70	105	61	85	71	64	43	87	59	110	69	122	32	93	54	107	30
12	CS	230008	CS 230008	RPE 190167	CS 180008	7	0.0							101	64	89	65	104	44	102	31	99	30	89	47	87	57	85	24	86	42	89	18
13	CS	230020	CS 230020	CS 200074	TW 150016	9	0.0							96	66	91	64	110	46	97	42	92	31	87	48	90	58					90	15
14	CS	230029	CS 230029	GCS 160016	CS 180012	7	0.0							84	68	93	67	106	51	103	50	87	36	80	52	87	62	97	20	80	46	97	7

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID				% Inbreeding		Q204X nt821 F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
★★★★																											
15	CS 230032	CS 230032	GCS 160016	TW 150020	7	0.0		83	68	96	67	95	53	100	52	100	33	83	52	86	63	87	22	81	46	86	7
16	CS 230043	CS 230043	GCS 160016	CS 150002	7	0.0		78	67	97	68	108	54	104	51	89	32	84	52	92	63	99	20	84	46	98	7
17	CS 230047	CS 230047	LAR 170248	TW 170016	8	1.0		88	70	106	69	83	50	104	47	96	37	89	53	95	63	93	28	87	48	90	24
18	CS 230073	CS 230073	GCS 160016	TW 120006	7	0.0		78	70	102	55	103	54	101	52	95	33	88	49	95	57	90	20	86	43	93	7
19	CS 240022	CS 240022	GCS 160016	CS 180006	6	0.0		89	67	92	68	97	54	99	52	102	32	83	52	81	63	96	20	83	46	93	7
20	CS 240042	CS 240042	GT 190104	TW 190057	7	1.1		77	66	107	68	103	47	93	45	92	30	89	50	98	61	97	31	88	46	109	26
21	CS 240045	CS 240045	GCS 160016	TW 170024	6	0.6		87	69	101	71	87	56	106	54	97	37	87	55	92	66	96	28	87	50	96	18
22	TW 170016	TW170016	BP 140027	TW 100323	8	0.0		91	75	91	72	93	75	105	72	97	43	80	62	82	73	86	28	78	55	78	27
23	TW 170024	TW170024	BPJ 060004	TW 100324	7	0.0		129	75	66	73	86	77	137	73	103	45	83	63	70	74	82	36	80	58	82	35
24	TW 180016	TW180016	PAD 100132	TW 160008	7	0.7		97	78	94	76	98	78	105	73	98	50	89	66	89	76	89	34	87	60	90	29
25	TW 190058	TW190058	JRP 150031	JOY 130084	7	1.9		76	77	114	66	119	71	93	75	57	44	87	60	116	70	105	28	89	54	101	25
★★★																											
1	CS 180006	CS1806				0.0		99	60	75	54	105	71	96	66	111	20	78	48	65	60						
2	CS 190019	CS 190019		CS 110013		0.0		128	55	59	62	88	68	131	67	111	19	78	50	57	63						
3	CS 210009	CS 210009	LAR 170384	CS 180046	6	0.0		95	69	95	68	88	62	90	69	95	39	78	57	79	67	110	28	82	51	97	26
4	CS 230046	CS 230046	GCS 160016	TW 160008	7	0.6		93	70	90	71	87	57	107	53	96	38	77	55	78	66	88	30	76	50	89	20
5	CS 230054	CS 230054	GCS 160016	TW 130014	7	0.0		78	70	96	68	100	54	100	51	90	36	77	53	84	64	84	26	75	48	90	16
6	TW 170035	TW170035	LAR 130029	TW 140001	6	0.0		75	77	95	72	113	74	106	72	80	43	78	62	89	73	98	30	79	56	104	28
7	TW 170041	TW170041	BPJ 060004	TW 050005	7	0.0		100	77	80	73	103	77	111	70	89	46	76	63	77	74	95	40	77	58	97	35
★★★																											
1	TW 160005	TW 160005	BPJ 060004	TW 080013	7	0.0		112	79	72	76	76	81	107	74	103	44	66	65	56	77	74	40	63	60	68	35
★																											
1	TW 160009	TW 160009	BPJ 060004	TW 090322	8	0.0		120	78	65	71	75	74	123	72	80	44	56	62	56	73	88	40	57	58	82	38

Selection List on Cow Value

Bull calves younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID				% Inbreeding		Q204X n1821 F94L		Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
Italics: DNA Test																											
★★★★☆																											
1	CS 250028	CS 250028	TW 190063	0.0				80	59	115	62	116	38	90	36	89	23	103	43	115	54				102	12	
2	CS 250055	CS 250055	TW 190023	0.0				75	60	109	60	111	39	97	38	103	25	101	44	105	53				97	23	
3	CS 260001	CS 260001	CS 220045	CS 230034	1.6			95	63	106	46	100	37	98	35	100	27	102	39	105	46	112	25	104	36	104	18
4	CS 260015	CS 260015	CS 220045	CS 220027	0.7			94	64	108	46	103	41	93	45	99	27	103	41	106	48	105	24	103	38	103	15
5	CS 260017	CS 260017	CS 220045	CS 210016	13.7			94	64	111	46	101	43	91	45	91	28	100	42	109	48	119	26	104	39	109	20
6	CS 260018	CS 260018	CS 220045	CS 140006	0.0			95	64	97	41	124	45	97	43	93	23	101	39	105	45	106	22	101	36	100	15
7	CS 260035	CS 260035		CS 220007	0.0			87	56	100	35	102	30	99	34	113	19	100	32	95	37						
★★★★																											
1	CS 250009	CS 250009	RPE 190167	CS 220031	1.1			102	66	103	65	97	46	94	44	94	34	96	49	100	59	98	28	96	45	96	22
2	CS 250021	CS 250021		TW 190022	0.0			90	59	98	61	113	36	95	36	100	21	96	42	96	53				94	13	
3	CS 250024	CS 250024		CS 210016	0.0			112	57	88	58	99	35	99	36	103	21	93	41	86	51				91	13	
4	CS 250025	CS 250025		CS 220079	0.0			114	57	92	57	96	31	99	34	102	20	96	40	90	49				87	15	
5	CS 250029	CS 250029		CS 220004	0.0			95	56	96	57	100	31	98	34	105	19	93	39	90	49						
6	CS 250045	CS 250045		CS 200015	0.0			118	59	80	59	93	35	107	35	111	20	91	41	77	52						
7	CS 250056	CS 250056		CS 210004	0.0			110	56	87	56	104	32	103	34	102	21	95	39	88	49				87	13	
8	CS 250073	CS 250073		BEI 170019	0.0			118	59	83	61	105	40	115	37	102	24	99	44	89	54	78	32	93	42	74	31
9	CS 250074	CS 250074		CS 210045	0.0			78	55	102	57	106	33	95	34	105	18	94	39	95	49						
10	CS 260002	CS 260002	CS 220045	CS 220001	0.7			108	64	99	41	91	39	96	44	102	26	97	39	94	44	101	24	96	36	98	15
11	CS 260006	CS 260006	CS 220045	TW 190058	3.0			83	66	113	45	111	44	95	47	73	30	93	42	113	48	114	25	96	39	106	20
12	CS 260012	CS 260012	CS 220045	CS 220074	1.7			103	64	104	46	94	40	96	43	97	28	98	41	100	47	109	26	99	38	105	21
13	CS 260013	CS 260013	CS 220045	CS 230041	0.0			100	61	94	41	106	31	100	31	99	21	95	35	94	41	101	22	95	32	97	15
14	CS 260014	CS 260014	CS 220045	CS 220031	13.7			95	64	110	46	103	40	87	45	91	28	99	41	107	47	117	26	102	38	109	20
15	CS 260016	CS 260016	CS 220045	CS 230026	2.6			90	63	108	46	98	35	102	33	91	28	98	39	107	45	107	26	99	36	99	19
16	CS 260021	CS 260021	CS 220045	CS 230054	1.1			90	63	103	45	101	38	98	38	89	26	90	39	99	46	104	25	92	36	100	16
17	CS 260022	CS 260022		CS 230011	0.0			107	56	90	36	91	28	105	27	105	21	91	32	85	36				83	10	
18	CS 260024	CS 260024		CS 220023	0.0			107	56	91	35	91	27	103	33	110	19	95	32	87	37						
19	CS 260025	CS 260025		CS 220079	0.0			98	56	95	35	99	30	99	34	102	19	93	32	91	37				85	15	
20	CS 260029	CS 260029		CS 230047	0.0			96	56	95	35	91	25	107	23	103	19	90	30	89	35				81	12	
21	CS 260031	CS 260031		CS 220034	0.0			105	56	94	35	92	28	99	34	100	21	90	32	88	37				84	15	

★★★★☆

★★★

Selection List on Cow Value

Bull calves younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	Visual Score % Inbreeding	Horned / Polled	Myostatin Q204X n1821 F94L	Genomic test	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc	Weaner Calf Value Acc	Growth Value Acc	Prod Value Acc	Carcass Value Acc
								★★★★									
22	CS 260034	CS 260034	CS 230051	0.0				85 56	103 35	98 27	99 26	106 20	95 31	95 36			90 8
23	CS 260037	CS 260037	CS 230010	0.0				100 55	92 35	97 23	110 19	104 20	94 29	90 34			81 12
24	CS 260043	CS 260043	CS 200015	0.0				91 58	90 35	97 34	108 35	111 19	91 33	84 38			
								★★★★☆									
1	CS 250031	CS 250031	CS 220043	0.0				94 56	90 57	105 31	101 34	98 19	87 39	86 49			90 16
2	CS 250049	CS 250049	CS 220055	0.0				100 56	94 56	96 30	99 34	99 20	89 39	87 48			89 14
3	CS 250057	CS 250057	CS 150004	0.0				76 59	88 58	117 39	106 34	108 13	88 40	85 52			
4	CS 250058	CS 250058	CS 150010	0.0				85 58	92 58	102 38	97 33	110 12	87 40	81 51			
5	CS 250064	CS 250064	CS 200048	0.0				108 58	83 60	99 35	103 34	103 20	87 41	79 52			
6	CS 250066	CS 250066	TW 170024	0.0				127 59	65 60	93 40	132 37	108 23	86 43	70 53			74 18
7	CS 250068	CS 250068	CS 200046	0.0				88 58	83 60	105 35	111 34	105 20	82 41	78 52			
8	CS 250075	CS 250075	TW 170035	0.0				81 59	92 60	107 38	106 36	96 22	83 42	85 53			88 14
9	CS 260033	CS 260033	CS 180006	0.0				98 58	80 27	102 36	102 33	111 10	83 29	73 34			
10	CS 260039	CS 260039	CS 230021	CS 140005	0.0			129 62	74 45	105 44	103 38	94 21	86 39	77 47			83 10
11	CS 260042	CS 260042	CS 230029	0.0				80 56	94 33	104 25	106 25	99 18	85 30	87 34			
								★★									
1	CS 250036	CS 250036	TW 160005	0.0				120 61	72 62	86 42	109 37	107 23	78 44	63 55	68 20	72 39	71 18
2	CS 260040	CS 260040	TW 160009	0.0				112 60	73 35	87 37	115 36	95 22	72 35	66 39	76 20	69 32	77 18

Selection List on Cow Value
Heifers younger than 2 years

ID		Name	Sire ID	Dam ID	Visual Score	% Inbreeding	Horned / Polled	Myostatin	Q204X	ni821	F94L	Genomic test	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value										
Sorted on ID													Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc										
													★★★★☆																			
1	CS 250001	CS 250001	RPE 190167	CS 220007	8	0.9							89	66	112	67	98	46	94	44	106	34	106	50	108	60	84	27	101	45	85	18
2	CS 250003	CS 250003	RPE 190167	CS 220074	8	1.6							114	66	104	66	84	45	102	43	100	34	103	49	101	59	91	28	99	45	94	24
3	CS 250004	CS 250004	RPE 190167	CS 220009	8	1.1							106	66	105	66	94	46	97	44	97	34	102	50	104	60	103	28	102	46	97	22
4	CS 250006	CS 250006	RPE 190167	CS 220077	7	1.9							104	65	113	67	96	47	93	44	92	35	106	50	112	60	110	29	107	46	107	26
5	CS 250018	CS 250018		CS 220027		0.0							109	55	96	57	98	32	95	35	110	20	102	40	94	49						
6	CS 250062	CS 250062		CS 200007		0.0							114	59	88	60	103	36	107	35	106	20	101	42	92	52						
7	CS 260003	CS 260003	CS 220045	CS 230030		0.8							103	62	99	45	103	36	104	35	99	26	101	39	101	45	103	24	101	36	95	18
8	CS 260005	CS 260005	RPE 190167	CS 230027		25.5							116	65	91	56	94	41	112	34	105	32	101	44	95	52	82	26	96	40	83	20
9	CS 260007	CS 260007	CS 220045	CS 180053		0.0							106	63	92	37	123	41	91	42	96	22	100	37	99	42	110	22	102	34	107	15
10	CS 260010	CS 260010	CS 220045	CS 230067		1.9							101	63	110	46	96	37	99	37	92	27	103	40	110	46	112	30	105	38	102	24
11	CS 260019	CS 260019		TW 170013		0.0							101	60	87	38	106	39	119	38	111	27	100	37	91	42	84	24	96	34	92	24
													★★★★																			
1	CS 250007	CS 250007	RPE 190167	CS 220034	7	1.6							107	65	102	57	88	44	101	43	92	35	94	46	98	54	99	28	93	42	90	24
2	CS 250026	CS 250026		CS 220038		0.0							118	56	91	58	88	32	101	35	102	23	94	41	87	50					85	18
3	CS 250030	CS 250030		CS 220058		0.0							93	55	98	57	110	30	91	33	97	18	93	39	95	49					89	14
4	CS 250033	CS 250033		TW 170013		0.0							101	61	81	62	108	41	125	38	112	28	98	45	87	55	83	24	93	41	87	24
5	CS 250037	CS 250037		CS 210019		0.0							104	57	92	58	95	34	94	36	104	21	90	41	84	51					87	13
6	CS 250038	CS 250038		CS 220029		0.0							99	56	99	57	102	32	92	34	99	20	95	40	95	49					92	13
7	CS 250040	CS 250040		TW 180016		0.0							103	61	91	62	96	40	104	37	104	26	91	45	86	55					81	14
8	CS 250044	CS 250044		CS 220014		0.0							114	56	88	56	98	30	96	33	99	20	90	39	85	48					87	13
9	CS 250046	CS 250046		CS 210033		0.0							119	56	86	56	98	32	105	33	107	19	97	39	87	49					82	10
10	CS 250052	CS 250052		TW 180017		0.0							116	60	80	60	98	40	107	36	113	23	94	43	79	53					83	13
11	CS 250054	CS 250054		TW 170002		0.0							96	60	83	60	103	40	119	36	110	22	91	43	83	53					78	14
12	CS 250059	CS 250059		CS 220070		0.0							77	56	103	56	110	31	94	34	103	19	94	39	96	49						
13	CS 250067	CS 250067		CS 220032		0.0							98	55	103	57	99	32	91	35	86	22	90	40	98	49					92	14
14	CS 250069	CS 250069		TW 190057		0.0							75	59	107	60	100	37	89	35	112	21	95	42	94	52					94	10
15	CS 260004	CS 260004	CS 220045	CS 210003		13.7							112	64	98	46	92	42	92	44	98	27	95	41	94	48	117	26	99	38	103	20
16	CS 260008	CS 260008	CS 220045	CS 180002		0.0							97	63	94	35	104	37	104	41	96	22	92	36	93	40	107	22	93	33	101	15
17	CS 260009	CS 260009	CS 220045	CS 230019		1.4							107	63	100	46	98	36	100	35	94	27	98	39	100	45	106	25	99	36	100	18

Selection List on Cow Value
Heifers younger than 2 years

ID	Name	Sire ID	Dam ID	Visual Score	Horned / Polled	Myostatin	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value	Weaner Calf Value	Growth Value	Prod Value	Carcass Value
Sorted on ID				% Inbreeding		Q204X n1821 F94L <i>Italics: DNA Test</i>	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc	Acc
18	CS 260011	CS 260011	CS 220045	CS 190016	0.0		92 63	99 35	113 37	95 42	97 22	97 36	99 40	113 23	99 33	105 15
19	CS 260023	CS 260023		CS 230058	0.0		92 55	97 33	98 23	102 15	103 17	92 28	92 32			86 10
20	CS 260026	CS 260026		TW 190017	0.0		93 60	93 37	101 38	105 37	107 23	93 36	88 41	80 20	88 33	87 23
21	CS 260027	CS 260027		CS 220009	0.0		110 56	90 34	99 30	96 34	104 20	94 32	87 37			90 13
22	CS 260038	CS 260038		CS 230059	0.0		136 55	80 34	93 23	104 19	97 18	92 29	82 33			84 10
1	CS 250015	CS 250015		CS 220021	0.0		95 55	94 57	102 32	94 35	100 20	88 40	86 49			88 13
2	CS 250023	CS 250023		CS 150007	0.0		113 58	73 59	112 39	105 34	109 13	89 40	74 52			
3	CS 250032	CS 250032		CS 220028	0.0		109 55	89 57	97 30	95 34	100 20	89 39	83 49			86 13
4	CS 250050	CS 250050		CS 210035	0.0		96 56	92 57	98 34	95 36	101 21	86 40	83 50			89 13
5	CS 250051	CS 250051		CS 210023	0.0		86 56	96 56	99 33	97 34	101 21	85 40	86 49			91 13
6	CS 250053	CS 250053		CS 210034	0.0		96 57	89 57	101 34	105 36	105 20	89 40	84 50			
7	CS 250061	CS 250061		CS 190022	0.0		96 56	84 57	108 35	99 34	110 11	89 38	79 50			
8	CS 250072	CS 250072		TW 170041	0.0		100 59	86 61	99 39	106 35	100 24	84 43	80 53	80 20	81 38	84 18
9	CS 260028	CS 260028		CS 230073	0.0		78 56	95 28	101 27	105 26	103 16	85 28	86 32			
10	CS 260032	CS 260032		CS 230020	0.0		99 54	87 32	105 23	103 21	101 16	88 28	84 32			81 8
11	CS 260044	CS 260044		CS 150004	0.0		93 58	83 29	114 37	104 34	108 12	89 30	81 35			
12	CS 260045	CS 260045		CS 210019	0.0		102 57	91 35	96 33	95 36	104 20	88 33	82 38			86 13
1	CS 250039	CS 250039		TW 160009	0.0		114 60	73 61	87 38	114 36	96 23	72 43	65 54	75 20	68 38	75 18

