



SENEPOL

BREEDING VALUE REPORT

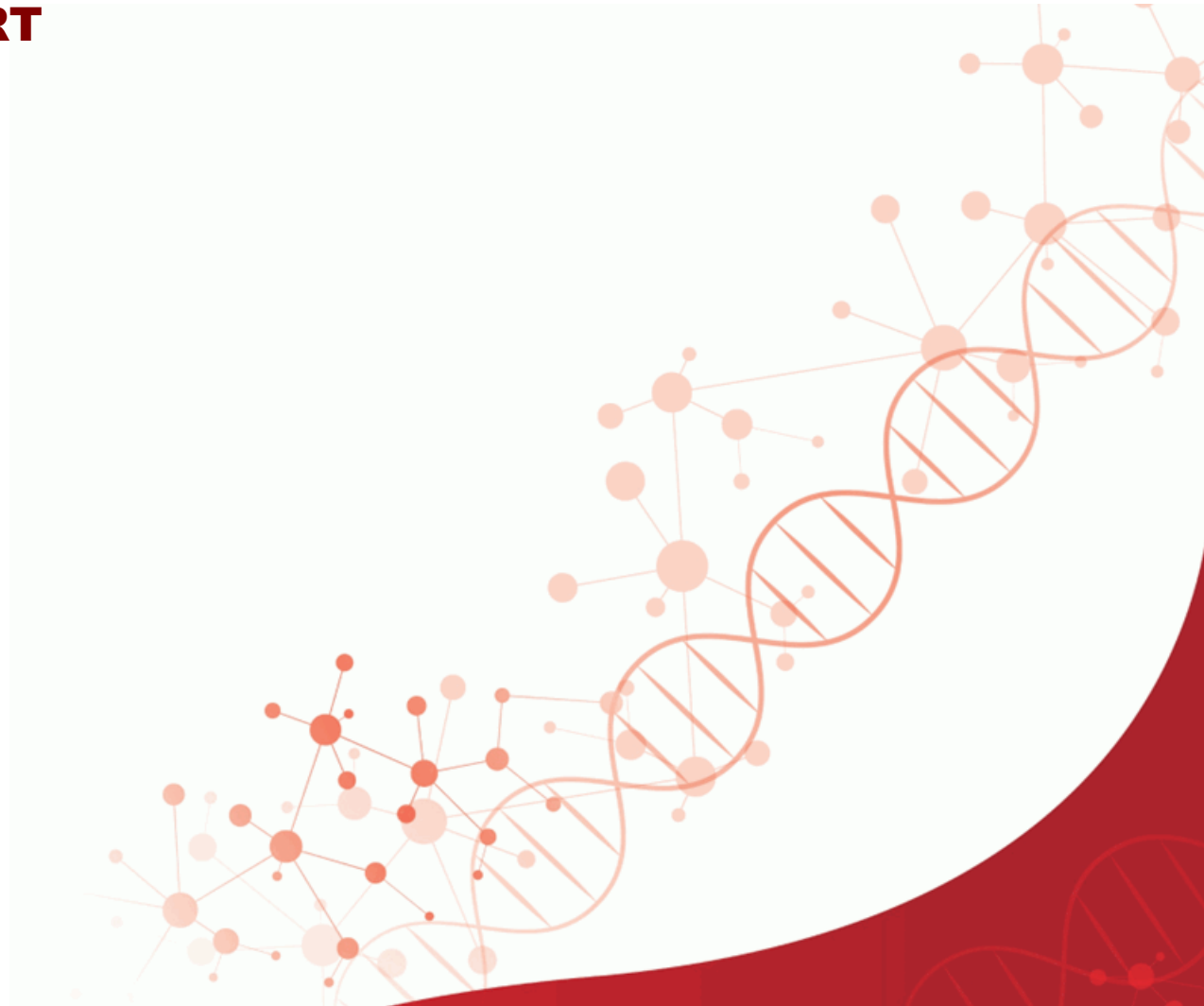
September 2026



SHEARD

Herd Number: 124741

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EBVs, EBVi's and Selection Values



Logix Cow Value

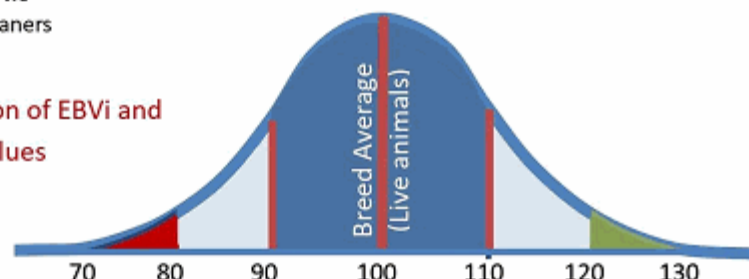
Selecting for:

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

Interpretation of EBVi and Selection Values

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

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

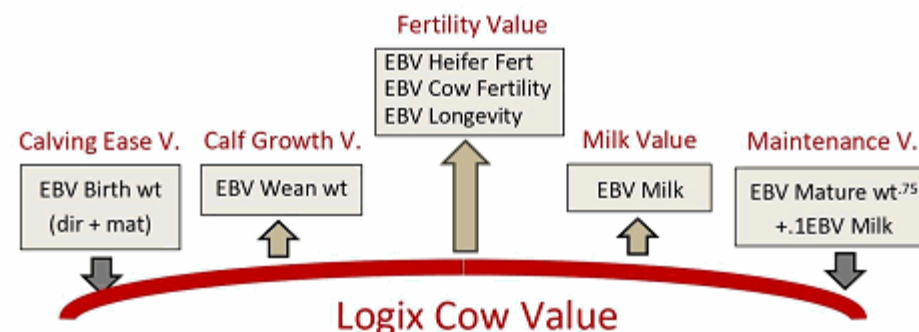


Logix Cow Value

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

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

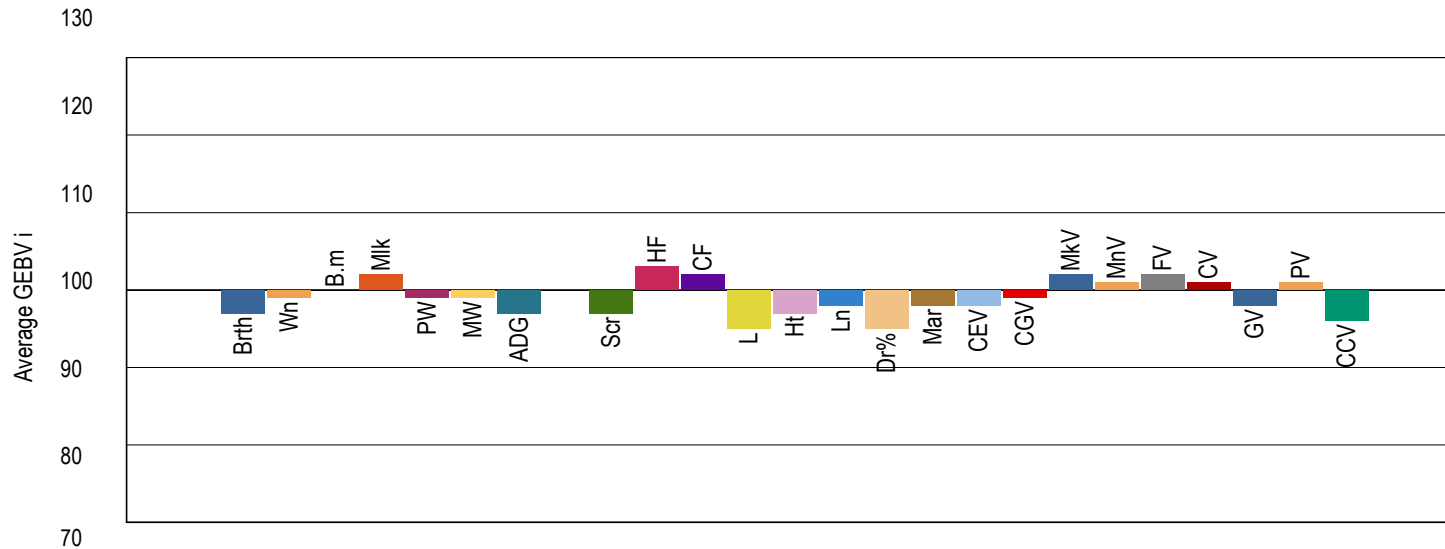
Cow Value combine relative selection values into a single value. This gives a quick and easy indication of the combined genetic value of an animal compared to the breed. It is advised to still look at the sub-values to see where the strengths and weaknesses lie.



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

	EBVi	Description / Measurement	Goal	High Value	Low Value
Selection Values	Calving Ease Value	Difficult calving due to high birth weight	Average birth weight	High	Low
	Calf Growth Value	Calf's genetic ability for prewean growth	Heavy weaner	Light	Heavy
	Milk Value	Cow's genetic mothering and milking ability	Enough milk for calf	Less	More
	Maintenance Value	Maintenance requirement of cow (weight and milk)	Low cow maintenance	High	Low
	Fertility Value	Fertility and retention of cows and heifers	Fertile cows	Low	High
	Cow Value	Combination of calving ease, calf growth, milk, maintenance and fertility values (Rand-value)	Profitable cows	Loss	Profit
	Growth Value	Efficient growth on veld and in feedlot (Rand-value)	Profitable growth	Loss	Profit
	Production Value	Combination of Cow- and Growth Values (Rand-value)	Profitable animals	Loss	Profit
	Carcass Value	Meat on carcass (Weight and RTU EBVs)	Meat on carcass	Less	More
Birth	Cow weight - birth	Cow weight at birth of calves	Mature cow weight	Light	Heavy
	Birth weight direct	Birth weight (Calf's genetic ability)	Average birth weight	Heavy	Light
	Cow-Calf birth	EBV Birth dir / EBV Mature cow weight	Average	Low	High
Wean	Cow Weight wean	Cow weight at weaning of calves	Mature cow weight	Light	Heavy
	Weaning weight direct	Weaning weight (Calf's genetic ability)	Heavy weaners	Light	Heavy
	Weaning weight mat	Weaning weight (Dam's genetic ability)	Good mothers	Poor	Good
	Cow-Calf Wean	EBV Wean dir / EBV Mature cow weight	High cow-calf ratio	Low	High
Growth & Adaptation	Post-Wean weight	12- and 18mnth weights	Post-wean growth	Low	High
	Ave. Daily Gain	Average daily gain in growth test (Phase C and D)	Good growth	Poor	Good
	Veld Growth	ADG on veld (Phase B)	Good adaptation	Poor	Good
	Feed Conversion Ratio	100g feed intake / g weight gain	Feed Efficiency	Poor	Good
	Final Test Weight	Final weight in growth test (Phase C and D)	Heavy Carcasses	Light	Heavy
	Skin Thickness	Measured in growth tests	Thicker skin	Thick	Thin
Fertility	Scrotal Circumference	Scrotal circumference in growth test	Fertile bulls	Less	More
	Heifer Fertility	Age at first calving	Fertile heifers	Less	More
	Cow Fertility	First 3 inter-calving periods (ICPs)	Fertile cows	Less	More
	Longevity	Retention of progeny	Acceptable progeny	Poor	Good
Frame	Height	Shoulder / Hip height in growth test	Average height	Short	Tall
	Length	Length in growth test	Longer (more meat)	Short	Long
	Length:Height	EBV Length / EBV Height	Longer, not higher	<1	>1
Carcass	Eye Muscle Area	RTU Eye muscle area	Bigger steaks	Small	Big
	Fat	RTU P8 Backfat Thickness	Carcass quality	Thin	Thick
	Marbling	RTU % Marbling	Juicy meat	Low	High
	Dressing%	Carcass weight / Live weight	High dressing %	Low	High

Herd and Breed Averages



Genomic Breeding Values (GEBVs):

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

Selection Values:

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

	Trait	EBV Herd	EBVi Herd	EBV Breed
Prewrite Growth	Birth Weight	0.78	97	0.51
	Wean Weight	5.2	99	5.6
	Birth Mat.	-0.09	100	-0.08
	Milk (Wn.Mat.)	-0.3	102	-0.9
Postwean Growth	Postwean Wt	7.1	99	7.7
	Mature Weight	0	99	2
	ADG	11	97	22
	FCR			
Fertility	Scrotal Circumf.	-1.1	97	0.2
	Heifer Fertility	-4.6	103	-2.5
	Cow Fertility	-0.5	102	-0.2
	Longevity	6.9	95	9.8
Frame	Height	0	97	2
	Length	1	98	3
Carcass	Dressing%	44.02	95	44.09
	Marbling	0.33	98	0.39

Selection Value	Ave. Herd
Calving Ease	98
Calf Growth	99
Milk	102
Maintenance	101
Fertility	102
Cow Value	101
Growth Value	98
Production Value	101
Carcass Value	96

- 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?:

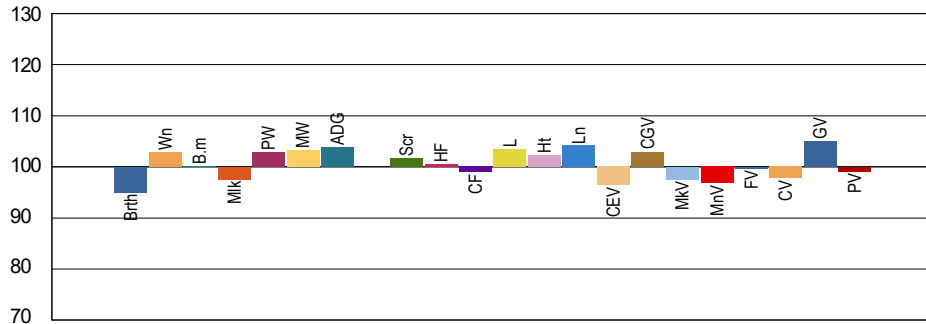
- Calving ease: Smaller calf at birth - easier calving
- Calf growth: Heavier calves at wean due to growth potential of the calf
- Milk: Cows with more milk and better mothering ability
- Maintenance: Animals with low maintenance requirements (lower mature weight).
- Fertility: Cows/daughters that calve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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

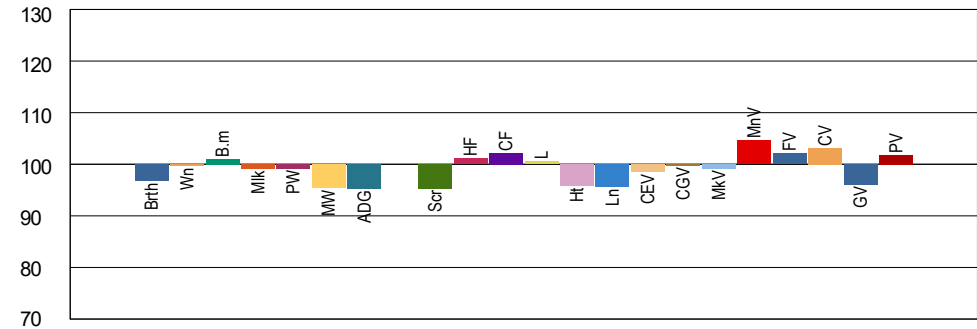
Total: 32



Cow Herd

Cows born in 2024 and earlier

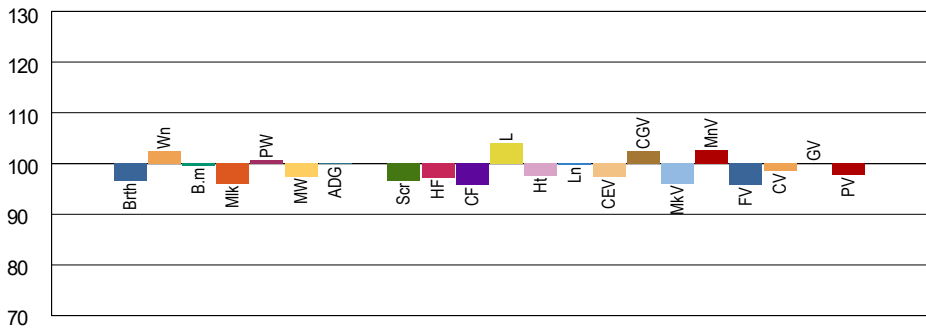
Total: 244



Sires of young animals

Sires of animals 3 years and younger

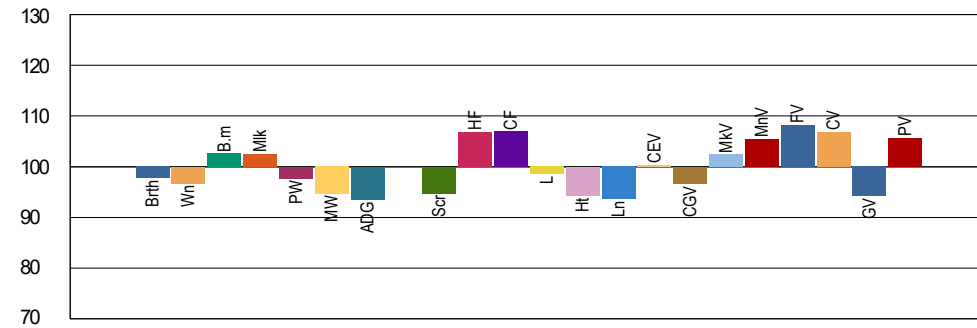
Total: 20



Cows older than 6 years

Cows born in 2020 and earlier

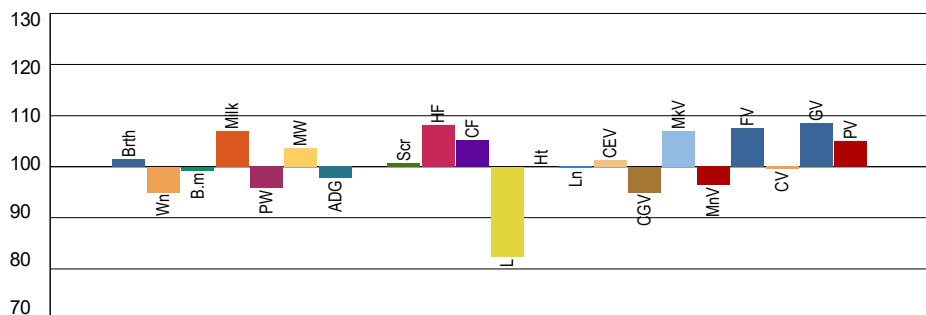
Total: 81



Bull calves

Bulls born in 2025

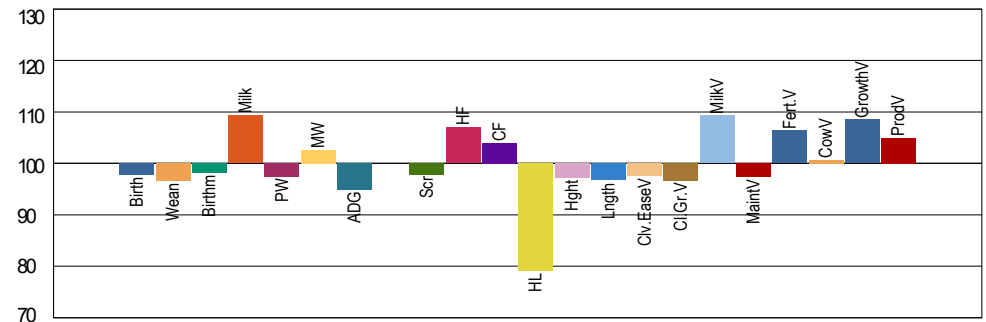
Total: 30



Heifer calves

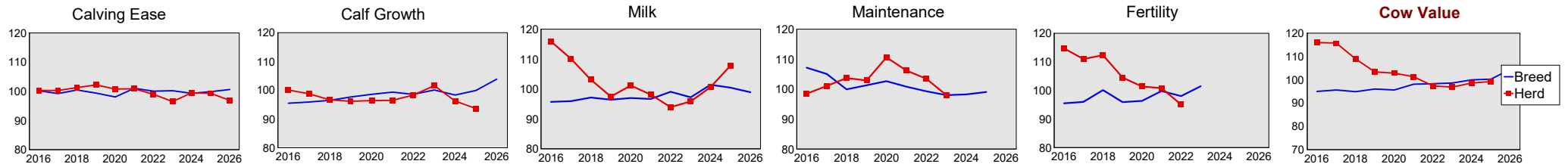
Heifers born in 2025

Total: 46



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.



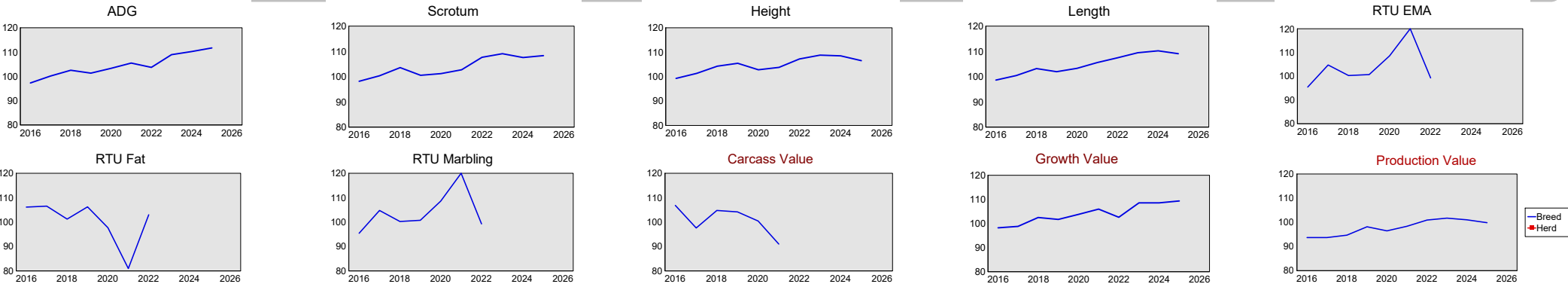
Herd

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		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Fertility		
	Number	Dir EBV			Number	EBV		Number	EBV	Milk	Number	EBV	Number		EBV	Number	EBV	Number	EBV	Number		EBV	
2016	61	0.58	-0.10	100	8	5.7	100	8	4.41	116			6	4	99	25	-15.1	22	-1.9	61	-0.5	115	116
2017	75	0.59	-0.11	100	8	5.1	99	8	2.48	110	6	7.1	1	20	101	24	-10.6	23	-1.7	72	-0.5	111	116
2018	75	0.56	-0.15	101	33	4.2	97	33	0.17	103	23	7.2			104	28	-12.3	28	-1.7	72	1.9	112	109
2019	116	0.62	-0.24	102	86	4.0	96	86	-1.70	98	61	6.1	1	-9	103	35	-4.5	35	-1.2	112	4.9	104	103
2020	87	0.70	-0.18	101	66	4.1	96	66	-0.49	101	19	3.9	2	-1	111	22	-2.5	21	-0.4	84	5.0	101	103
2021	189	0.61	-0.15	101	92	4.2	97	92	-1.48	98	55	5.4	26	-4	106	31	-3.1	15	-1.1	162	5.8	101	101
2022	147	0.72	-0.09	99	110	4.9	98	110	-2.89	94	55	7.5	13	-6	103	18	1.1			53	6.9	95	97
2023	133	0.97	-0.07	97	110	6.4	102	110	-2.24	96	52	9.6			98								97
2024	147	0.61	-0.07	99	128	4.0	96	128	-0.69	101													99
2025	122	0.49	0.00	99	73	2.9	94	73	1.74	108													99
2026	38	0.95	-0.09	97																			

Breed

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

Genetic Trends for Growth Test Traits



Herd

Birth Year	Growth						Frame						Carcass						Selection Values					
	ADG			Scrotum			Height			Length			EMA			Fat		Marbling		Carcass Value	Growth Value	Prod Value		
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	RTU Number	EBV	EBVi	EBV	EBVi	EBV	EBVi					
2017																								
2018																								
2019																								
2020																								
2021																								
2022																								
2023																								
2024																								
2025																								
2026																								

Breed

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

Sires

Bull			Selection Values									Birth		Wean				Grwth		Fertility				Raam		Carcass			Progeny	
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured	
ID Comp.nr																													Grwth Test	Dght&calves (Weaned)
1292653 78542420	CN5480 1072428	85	80	102	114	81	73	82	72	80	95	81	86	80	102	92	92	83	69	105	70	86	79	79	76	94	80	28	27	
		77	83	65	55	44	53	43	51	34	0.99	0.61	-13	-2.7	-0.3	-12	3.1	-42	-14.8	-6.3	5.3	1.2	-12	-17.8	-1.31	-0.58	-0.30	8	11	
419V 83732826	HCR 418 PURE 834 BEST	98	103	116	93	116	112	106	112	104	90	108	107	103	116	114	108	98	122	130	102	82	106	101	101	85	80	18	10	
		68	67	54	5	36	36	41	37	38	1.43	-0.39	9	6.9	4.3	45	12.2	16	11.0	-25.4	-0.5	-0.9	6	4.8	0.64	-0.91	-0.28	2	6	11
98-0105SC 45665643	CN5562 ASL74Y	88	105	111	99	72	81	100	83	94	99	82	101	105	111	114	99	91	100	80	74	65	116	98	80	170	120	29	10	
		93	88	89	67	70	67	76	69	38	0.56	0.59	3	7.7	2.9	45	7.0	-11	0.0	12.5	4.4	-11.2	12	1.0	-1.01	2.18	1.07	5	26	62
AB 130034 77983872	SS 080071 AB 011261	83	90	92	123	72	79	88	78	90	95	78	77	90	92	94	77	91	98	74	78	107	98	109	102	73	91	94	77	
		89	93	83	56	62	63	82	67	59	0.98	0.72	-23	1.3	-3.5	-9	-5.6	-10	-0.9	17.1	3.7	14.1	0	12.5	0.73	-1.36	0.09	11	19	48
AB 160073 83978197	CIS 090027 AB 120104	97	125	82	76	94	96	118	100	116	94	102	124	125	82	95	129	115	101	83	103	107	122	118	122	106	116	6	4	
		72	67	61	51	44	48	53	49	24	1.12	-0.15	27	16.4	-6.9	-5	24.6	78	0.9	10.5	-0.8	13.9	16	21.3	2.25	-0.15	0.95	3	4	
AB 170021 86184728	CIS 120005 AB 130138	97	136	81	53	103	95	138	104	138	86	113	147	136	81	95	133	137	104	92	110	108	109	131	129	113	120	108	88	
		83	94	74	56	52	59	86	64	12	1.84	-0.55	52	20.8	-7.1	-6	27.2	157	2.4	3.3	-1.9	14.5	8	33.9	2.79	0.11	1.06	23	9	13
AB 200096 91195768	AB 170021 AB 180022	89	135	106	69	81	93	130	100	138	84	103	131	135	106	118	133	135	120	91	79	115	119	136	132	111	117	19	1	
		69	69	53	41	36	44	69	49	14	2.04	-0.20	35	20.5	1.2	55	27.0	151	9.9	4.5	3.6	18.8	14	38.9	3.01	0.01	0.96			
CIS 100006 70456801	RBS9704G COPG6522	90	51	114	145	82	73	51	65	46	105	77	55	51	114	93	61	56	62	97	76	88	52	49	46	54	55	45	39	
		81	87	72	64	44	57	51	56	41	0.09	0.77	-46	-15.0	3.8	-10	-15.5	-142	-18.4	-0.3	4.2	2.7	-29	-47.7	-3.67	-2.04	-1.16	11	20	
CIS 130006 79615381	SS 070004 CIS 080004	111	77	87	130	83	86	75	82	75	110	104	70	77	87	80	79	82	66	100	75	105	73	74	79	75	97	9	11	
		74	74	66	40	40	47	46	47	26	-0.39	-0.24	-30	-4.0	-5.1	-43	-4.5	-46	-16.2	-2.5	4.3	12.7	-16	-22.3	-1.10	-1.27	0.28	5	5	
CIS 140008 80742125	CIS 080022 CIS 080027	93	86	69	115	61	59	98	62	93	96	93	85	86	69	64	78	96	99	66	69	96	97	93	85	112	91	78	60	
		80	90	62	40	42	51	37	48	26	0.89	0.18	-14	-0.3	-11.3	-84	-5.3	7	-0.4	23.1	5.5	7.2	0	-3.9	-0.65	0.08	0.07	3	3	
CIS 150015 83228221	CIS 120013 CIS 100018	119	93	65	109	86	85	103	87	98	121	103	91	93	65	66	94	103	98	84	91	98	101	94	97	113	109	10	4	
		70	64	56	35	33	41	32	39	21	-1.44	-0.20	-8	2.9	-12.4	-80	4.4	33	-0.7	9.4	1.5	8.4	2	-2.4	0.28	0.11	0.68	1	2	
CIS 170044 86458544	CIS 100022 CIS 110003	104	100	90	101	85	87	99	87	98	100	105	99	100	90	91	99	102	94	92	85	116	80	92	99	83	89	8	6	
		70	72	61	42	40	46	40	45	20	0.51	-0.27	1	5.5	-4.4	-15	7.3	31	-2.8	3.8	2.5	19.7	-11	-5.1	0.44	-0.97	0.02	4	4	
CIS 180003 86736477	CIS 100022 CIS 100010	92	124	84	73	97	93	126	100	123	90	99	127	124	84	94	126	127	101	94	100	112	121	127	127	113	110	120	75	
		84	93	69	48	50	57	88	63	19	1.45	-0.03	31	15.6	-6.3	-7	22.7	120	0.5	2.4	-0.2	17.3	15	30.0	2.66	0.10	0.72	30	7	7
CIS 180161 88463690	CIS 140001 CIS 090017	100	89	83	114	93	90	88	88	83	107	91	86	89	83	80	93	89	80	100	90	102	75	77	85	76	87	3	3	
		63	67	51	34	30	39	35	38	25	-0.10	0.26	-13	0.9	-6.6	-42	3.4	-18	-9.3	-2.8	1.7	11.1	-14	-20.0	-0.65	-1.23	-0.06			

Sires

Bull			Selection Values								Birth		Wean				Grwth		Fertility				Raam		Carcass			Progeny			
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured		
ID Comp.nr																													Birth	Wean	Grwth Test
CS 140015 81286601		RO 080060	100 84	90 87	78 73	103 37	122 53	104 54	86 38	100 51	81 31	90 1.43	112 -0.53	97 37	90 1.5	78 -8.3	73 -61	95 4.7	83 -42	89 -5.1	129 -24.5	111 -2.1	95 6.5	84 -9	80 -16.9	81 -0.91	108 -0.07	80 -0.30	59 12	36 25	
CS 150043 83889667		KL 090032	94 69	84 74	117 45	111 33	106 32	99 42	79 28	95 39	80 20	95 0.97	96 0.08	89 -10	84 -1.0	117 4.7	109 32	85 -1.0	81 -49	84 -7.5	107 -7.6	104 -0.8	81 -1.6	86 -7	78 -19.0	82 -0.85	106 -0.17	88 -0.02	22 2	16 3	
CS 180031 87748190		GN 140156 CS 150023	106 65	93 59	85 54	114 29	112 38	110 39			86 10	106 -0.08	101 -0.11	86 -12	93 2.6	85 -5.9	85 -29	92 3.1	84 -36	93 -3.0	101 -3.6	116 -3.1	112 17.1	87 -6	86 -11.0	85 -0.65	96 -0.53	89 0.01	2	2	
CS 200049 90934324		CS 140015 NP 130018	94 68	102 76	85 53	97 23	104 36	97 42	94 28	96 39	92 22	93 1.15	99 -0.05	103 5	102 6.4	85 -6.0	87 -26	102 8.8	89 -20	95 -2.2	109 -9.4	99 -0.1	111 16.3	92 -4	91 -5.8	85 -0.60	125 0.53	97 0.27	8	8	
CS 200050 90934332		SS 160016 CS 140004	98 65	120 69	97 52	102 32	84 36	105 41	111 27	107 38	111 20	88 1.62	111 -0.47	98 32	120 13.9	97 -1.8	114 43	111 14.4	113 68	108 4.2	76 15.3	94 1.0	100 9.6	113 10	114 17.6	108 1.17	106 -0.17	111 0.76	4	3	
CS 200073 91344572		SS 160016 CS 130005	102 67	106 74	92 54	106 27	93 36	102 42	93 22	100 38	94 14	101 0.42	100 -0.09	94 27	106 8.0	92 -3.4	100 8	101 8.2	93 -2	89 -5.0	99 -2.1	91 1.5	108 14.7	95 -1	96 -0.7	91 -0.15	109 -0.04	106 0.60	7	7	
CS 210007 91621094		SS 160016 CS 170028	94 66	108 74	103 50	104 25	98 35	107 41	99 22	105 37	100 17	89 1.53	103 -0.19	96 25	108 9.1	103 0.1	111 36	106 11.4	97 12	103 1.6	103 -5.1	94 0.8	93 5.8	99 1	102 5.6	96 0.25	93 -0.61	96 0.24	9	8	
CS 210009 91610311		GN 140156 CS 140012	99 65	101 68	86 53	104 32	92 41	94 43	109 26	96 40	107 18	102 0.32	95 0.09	96 -2	101 6.1	86 -5.4	90 -18	99 7.2	109 53	111 5.4	77 15.1	106 -1.2	101 10.6	113 10	109 11.9	108 1.17	108 -0.09	109 0.68	3	3	
CS 210031 91748319		SS 160016 CS 170049	106 64	95 71	104 52	110 28	99 38	103 42	91 23	100 38	94 14	100 0.51	109 -0.42	90 -9	95 3.5	104 0.3	104 19	90 2.0	93 -3	89 -5.3	103 -4.7	96 0.5	102 11.2	91 -4	96 -0.7	93 0.01	101 -0.35	106 0.60	3	3	
CS 210107 92384833		GN 160334 EK 140122	109 59	76 49	105 42	112 28	96 24	86 31	86 30	84 31	82 21	111 -0.54	99 -0.06	88 -11	76 -4.5	105 0.9	92 -13	81 -3.6	83 -39	82 -8.6	106 -7.2	90 1.7	114 18.0	78 -12	77 -19.2	78 -1.17	97 -0.49	85 -0.12	1		
EK 190001 88327432		206S EK 150008	89 78	90 91	118 60	119 44	131 40	129 52	116 85	129 59	110 60	103 0.22	78 0.71	81 -19	90 1.3	118 5.0	126 75	101 8.2	124 110	124 12.0	132 -26.4	122 -4.2	106 13.4	115 11	112 14.8	106 0.97	96 -0.51	87 -0.05	67 18	60 3	6
ELS 110014 74576869		SCR3051N CIS 090022	101 94	105 94	126 91	101 56	138 76	140 68	105 52	137 65	110 28	87 1.77	118 -0.74	99 56	105 7.9	126 7.9	129 83	113 15.2	108 51	99 -0.1	142 -34.2	124 -4.6	94 6.1	96 -1	108 11.2	114 1.66	93 -0.63	105 0.56	163 57	82 143	
GN 100164 72136567		SCR3051N KL 050106	94 71	112 73	90 64	98 47	97 48	103 50	105 54	104 51	105 36	89 1.55	104 -0.25	102 4	112 10.6	90 -4.2	99 6	99 7.2	106 42	94 -2.9	93 2.7	101 -0.4	104 12.3	95 -1	100 3.0	115 1.67	88 -0.80	102 0.45	9	8	4
GN 130884 78862471		RO 080069 GN 080005	83 79	111 77	111 67	108 42	108 34	120 47	112 39	120 45	110 29	80 2.41	97 0.01	92 -7	111 10.3	111 2.8	123 67	109 12.9	110 59	115 7.7	96 0.7	114 -2.7	91 4.4	116 12	108 11.6	110 1.34	129 0.69	116 0.93	22 9	16 14	

Sires

Bull			Selection Values									Birth		Wean				Grwth		Fertility				Raam		Carcass			Progeny							
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured							
ID Comp.nr																													Birth	Wean	Grwth	Fert	Raam	Carcass	Birth	Wean
GN 140011 81450124	GN 080002 MA 090119	91	101	114	86	95	87	110	90	106	96	89	114	101	114	109	103	108	101	99	94	97	111	104	100	125	96	63	52							
		88	90	82	45	54	58	38	54	26	0.85	0.31	17	6.0	3.9	31	9.3	52	0.7	-1.7	0.9	7.8	9	7.0	0.57	0.53	0.26	15 49								
GN 140156 81450181	GN 100043 GN 100065	112	94	76	120	98	104	85	100	83	108	107	80	94	76	79	97	82	94	78	113	102	86	84	84	90	95	89	60							
		89	91	81	49	64	62	33	56	20	-0.27	-0.33	-20	2.9	-9.0	-47	5.7	-45	-2.9	14.2	-2.4	11.1	-7	-12.9	-0.68	-0.75	0.20	27 42								
GN 150237 82484072	RO 070064 GN 120600	107	103	85	104	78	87	86	85	91	99	111	96	103	85	91	88	86	92	75	87	100	83	91	83	105	96	58	49							
		86	90	79	45	60	59	42	56	25	0.61	-0.50	-3	7.1	-5.9	-16	0.7	-29	-3.5	16.7	2.2	9.5	-9	-5.2	-0.81	-0.18	0.24	19 31								
GN 150300 82842303	GN 100039 GN 090004	96	102	75	119	101	110	100	108	99	101	91	81	102	75	84	96	101	104	91	108	110	114	103	113	83	108	92	53							
		81	89	62	43	46	53	47	52	37	0.38	0.24	-18	6.6	-9.3	-32	5.4	27	2.1	4.0	-1.5	15.6	11	6.5	1.55	-0.99	0.67	1 4 4								
GN 160393 83888099	GN 100039 GN 110295	116	99	116	110	121	129	98	125	103	118	102	90	99	116	119	96	102	97	133	107	116	105	104	127	74	88	152	118							
		88	95	80	67	56	64	80	67	37	-1.17	-0.16	-9	5.3	4.4	57	5.5	29	-1.5	-27.5	-1.5	19.4	5	7.0	2.63	-1.31	-0.04	15 18 27								
SN 130169 77222123	MA 090005 MJ 070002	102	99	94	98	95	92	100	92	99	109	92	102	99	94	94	95	97	97	100	93	94	107	100	98	123	104	3	1							
		66	51	56	25	34	35	28	34	18	-0.30	0.22	4	5.1	-2.7	-8	4.5	11	-1.2	-2.7	1.1	6.4	6	3.5	0.37	0.47	0.52	2 8								
SNV3115 95252615	CN 811R PRR 4092P	107	90	111	110	98	99	79			109	100	90	90	111	108	86	85	83	99		116	86	85	90	109	80	39	31							
		74	83	55	32	21	41	60	45	6	-0.33	-0.06	-9	1.2	2.8	27	-0.5	-35	-7.9	-1.8		19.4	-7	-11.8	-0.25	-0.06	-0.29	5 9 9								
SS 160016 84057959	SS 120056 SS 100007	100	93	93	122	72	85	73	81	77	99	101	78	93	93	97	90	76	74	84	71	90	72	81	72	81	94	162	116							
		87	95	76	45	54	58	32	53	21	0.64	-0.10	-22	2.7	-3.1	1	2.0	-68	-12.3	9.8	5.0	3.6	-16	-15.2	-1.67	-1.05	0.19	15 20								
VL 180051 88142435	VL 150025 VL 140028	62	121	111	79	90	89	121	94	121	71	77	121	121	111	117	123	118	138	74	104	101	136	126	120	89	75	14	12							
		69	79	55	39	33	45	70	50	38	3.25	0.77	25	14.4	2.8	51	21.4	89	18.5	17.2	-0.9	10.3	25	29.6	2.08	-0.79	-0.45									
WC 238 80047459	CN 6747 WC 8490	86	118	103	77	97	94	116	98	120	76	108	123	118	103	108	127	111	128	98	97	124	127	123	113	106	75	15	7							
		68	69	51	37	34	42	60	46	35	2.76	-0.39	27	13.3	0.1	27	23.4	63	13.8	-0.8	0.4	24.3	19	26.6	1.58	-0.17	-0.46	3 3 3								

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Value											Birth		Wean				Growth		Fertility				Frame		Carcass		
ID	Animal no	% Inbreeding	Index EBV Acc		Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID	Dam ID																										
CS 180031	87748190	1	GN 140156	CS 150023	106 65	93 59	85 54	114 29	112 38	110 39			86 10	106 -0.08 74	101 -0.11 54	86 -12 29	93 2.6 59	85 -5.9 54	85 -29 47	92 3.1 40	84 -36 17	93 -3.0 18	101 -3.6 46	116 -3.1 29	112 17.1 55	87 -6 18	86 -11 18	85 -0.65 11	96 -0.53 10	89 0.01 10
AB 200096	91195768	1	AB 170021	AB 180022	89 69	135 69	106 53	69 41	81 36	93 44	130 69	100 49	138 14	84 2.04 85	103 -0.20 48	131 35 41	135 20.5 69	106 1.2 53	118 55 54	133 27.0 58	135 151 65	120 9.9 73	91 4.5 46	79 3.6 27	115 18.8 56	119 14 75	136 39 72	132 3.01 15	111 0.01 13	117 0.96 13
CIS 200072	91119958	6	CIS 140008	CIS 180010	93 61	95 67	82 48	104 28	81 28	77 37	104 30	80 36	100 18	92 1.28 72	98 -0.01 47	96 -2 28	95 3.7 67	82 -7.0 48	81 -40 48	96 5.2 60	105 39 29	103 1.5 30	81 11.5 37	85 2.5 19	106 13.6 50	94 -2 31	95 -2 30	95 0.14 19	115 0.17 17	93 0.15 17
CS 200049	90934324	2	CS 140015	NP 130018	94 68	102 76	85 53	97 23	104 36	97 42	94 28	96 39	92 22	93 1.15 80	99 -0.05 53	103 5 23	102 6.4 76	85 -6.0 53	87 -26 51	102 8.8 45	89 -20 26	95 -2.2 29	109 -9.4 45	99 -0.1 26	111 16.3 58	92 -4 29	91 -6 28	85 -0.60 23	125 0.53 21	97 0.27 20
CS 200073	91344572	3	SS 160016	CS 130005	102 67	106 74	92 54	106 27	93 36	102 42	93 22	100 38	94 14	101 0.42 79	100 -0.09 52	94 -4 27	106 8.0 74	92 -3.4 54	100 8 52	101 8.2 46	93 -2 21	89 -5.0 23	99 -2.1 49	91 1.5 24	108 14.7 56	95 -1 24	96 -1 23	91 -0.15 14	109 -0.04 13	106 0.60 13
CS 210030	91748301	3	SS 160016	CS 170065	95 63	92 68	107 52	111 27	102 38	102 41	86 23	98 37	89 14	96 0.89 72	97 0.03 51	89 -10 27	92 2.2 68	107 1.4 52	105 22 49	96 5.2 58	87 -25 22	88 -5.7 24	109 -9.4 49	97 0.4 27	105 12.6 54	85 -8 24	91 -5 23	89 -0.33 15	87 -0.82 14	99 0.35 13
CS 210031	91748319	2	SS 160016	CS 170049	106 64	95 71	104 52	110 28	99 38	103 42	91 23	100 38	94 14	100 0.51 75	109 -0.42 50	90 -9 28	95 3.5 71	104 0.3 52	104 19 50	90 2.0 60	93 -3 22	89 -5.3 25	103 -4.7 48	96 0.5 27	102 11.2 56	91 -4 25	96 -1 24	93 0.01 14	101 -0.35 13	106 0.60 13
CS 210065	91931576		CS 140015	CS 160063	95 60	94 50	97 48	100 25	116 33	104 34	88 20	101 31	86 16	91 1.35 70	102 -0.15 48	100 2 25	94 3.0 50	97 -1.9 48	94 -9 41	95 4.7 38	87 -27 19	93 -3.2 21	120 -17.8 43	108 -1.7 23	96 7.5 50	88 -6 22	86 -11 21	85 -0.62 17	105 -0.18 15	83 -0.20 15
CS 210115	92383322	1	WC 238	CS 160051	85 56	98 39	92 36	99 21	82 27	77 28	94 32	78 29	97 18	84 2.03 68	96 0.06 41	101 3 21	98 4.7 39	92 -3.7 36	99 5 32	108 12.4 30	93 -5 30	101 0.6 33	92 3.4 35	79 3.5 19	114 18.1 45	101 3 34	98 2 33	93 0.00 19	98 -0.45 17	79 -0.33 17
AB 220181	94528940	1	EK 190001	AB 180203	84 61	106 69	123 48	100 38	98 31	105 41	114 70	107 47	118 30	88 1.63 72	89 0.33 46	100 2 38	106 8.4 69	123 6.6 48	126 76 52	111 14.2 58	121 98 66	124 12.1 74	89 5.8 41	106 -1.2 21	108 14.9 48	116 12 75	112 15 72	114 1.61 32	105 -0.19 29	100 0.38 28
CIS 220001	93049906	6	CIS 150015	CIS 160009	118 58	95 43	76 43	104 24	102 24	97 29	105 22	98 28	102 16	118 -1.21 68	104 -0.21 44	96 -2 24	95 3.4 43	76 -8.9 43	75 -56 37	94 4.3 36	105 39 22	105 2.7 24	99 -1.8 32	104 -0.9 17	96 7.2 47	102 3 24	99 3 23	101 0.59 17	111 0.03 16	107 0.61 15
CS 220010	93420883	3	CIS 140008	CS 170033	104 60	91 65	85 47	105 26	89 32	83 37	108 24	86 34	106 16	104 0.10 71	100 -0.08 47	95 -3 26	91 1.9 65	85 -5.8 47	82 -39 46	87 0.0 56	108 51 24	108 4.0 26	90 5.0 41	91 1.5 23	107 13.8 52	108 7 26	106 10 25	103 0.80 17	112 0.06 16	103 0.48 15

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Value											Birth		Wean				Growth		Fertility				Frame		Carcass		
ID	Animal no	% Inbreeding	Index EBV Acc		Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID	Dam ID																										
CS 220051	94066610	6	GN 150300	CS 140006	100	91	86	115	112	108	99	106	97	103	95	85	91	86	85	90	101	102	100	117	109	115	100	107	101	112
					61	65	47	31	34	39	32	38	24	0.19	0.11	-14	1.8	-5.6	-30	1.7	24	1.1	-2.3	-3.2	15.2	12	3	1.05	-0.34	0.79
														71	48	31	65	47	48	50	31	34	43	26	55	34	33	25	23	23
CS 220104	94192366	2	CIS 180003	CIS 190108	95	120	88	90	84	94	117	98	115	93	100	110	120	88	101	123	118	102	89	85	120	111	115	115	107	104
					60	67	45	27	30	37	45	39	14	1.15	-0.07	13	13.9	-4.8	9	21.5	87	1.0	6.2	2.4	22.0	9	18	1.71	-0.11	0.53
														72	45	27	67	45	46	56	44	46	40	19	47	47	14	13	13	
CS 230013	95018305	2	AB 170021	CS 150004	104	114	97	73	123	111	118	113	119	97	110	127	114	97	99	113	118	101	112	124	102	108	115	112	121	113
					54	54	51	29	34	36	44	38	8	0.79	-0.44	30	11.8	-1.9	6	15.1	89	0.7	-11.9	-4.4	10.8	7	18	1.49	0.39	0.83
														59	48	29	54	51	45	45	43	46	43	25	51	46	45	9	8	8
CS 230019	95445615	4	CIS 140008	CS 160038	94	101	90	104	106	104	112	106	109	90	103	96	101	90	94	97	112	109	100	108	106	113	110	107	117	108
					61	66	50	29	35	39	26	36	16	1.48	-0.21	-2	6.2	-4.1	-8	5.7	67	4.4	-2.8	-1.7	13.7	10	13	1.06	0.22	0.64
														71	48	29	66	50	48	44	25	27	44	26	52	27	27	17	16	16
CS 230020	95445581	4	AB 170021	CS 190012	104	116	91	75	112	104	122	108	123	98	108	125	116	91	96	116	121	103	109	111	109	108	118	119	110	113
					61	67	52	33	36	41	46	42	12	0.73	-0.37	28	12.5	-3.8	-2	17.4	100	1.8	-9.1	-2.2	15.2	7	22	2.03	0.00	0.82
														71	48	33	67	52	51	50	45	47	46	27	53	47	47	12	11	10
CS 230022	95449922	1	GN 150300	EK 140122	97	89	94	108	98	91	95	91	94	103	91	92	89	94	90	90	95	94	101	96	110	101	96	99	92	96
					52	65	43	29	26	35	26	33	20	0.24	0.26	-7	1.1	-3.0	-19	1.6	4	-2.5	-3.0	0.5	16.0	3	-1	0.44	-0.64	0.26
														59	44	29	65	43	46	43	25	28	34	18	53	28	27	21	19	19
CS 230029	95666384	26	ELS 110014	CS 170052	99	105	122	98	123	124	106	123	109	87	114	102	105	122	124	110	106	101	126	114	102	98	108	109	105	108
					66	66	59	32	45	44	30	41	18	1.78	-0.60	5	7.9	6.5	70	13.6	44	0.7	-22.2	-2.7	10.8	1	11	1.25	-0.18	0.65
														72	58	32	66	59	52	48	29	32	53	37	57	32	32	18	17	16
CS 230037	95788634	4	1292653	CS 160014	85	95	108	96	92	83	102	85	100	95	83	104	95	108	102	102	101	93	101	88	91	101	100	95	109	95
					59	62	46	29	30	37	24	34	18	1.02	0.55	7	3.4	1.8	14	9.1	25	-3.2	-3.3	2.0	4.6	3	3	0.17	-0.06	0.23
														69	47	29	62	46	46	48	23	25	38	23	48	25	25	19	17	17
CS 230047	95788667	2	GN 150300	CS 170021	106	99	90	107	103	105	102	105	100	105	102	93	99	90	93	95	100	106	103	102	102	109	101	103	102	99
					59	63	44	24	28	35	29	34	23	0.05	-0.15	-6	5.1	-4.0	-9	4.7	23	3.1	-5.1	-0.6	10.9	7	4	0.81	-0.31	0.35
														71	44	24	63	44	44	49	27	31	37	20	52	31	30	24	22	21
CS 230069	95788840	1	CIS 140008	CS 190055	92	106	94	93	86	86	114	90	112	90	100	107	106	94	98	101	111	118	86	90	95	115	112	106	113	100
					58	65	44	21	30	35	22	32	16	1.43	-0.07	9	8.3	-2.8	2	8.5	64	8.7	8.2	1.7	6.6	12	15	0.99	0.11	0.39
														70	43	21	65	44	43	50	21	23	39	21	46	23	22	17	16	15
CS 230073	95788857	1	VL 180051	CS 160047	86	95	100	93	106	92	101	92	103	93	86	107	95	100	95	90	100	112	108	103	100	110	104	100	94	78
					57	61	44	20	27	33	36	34	20	1.18	0.44	9	3.7	-0.8	-4	1.8	20	6.3	-8.3	-0.8	10.0	8	7	0.56	-0.57	-0.36
														69	42	20	61	44	42	40	33	37	34	20	42	38	37	20	19	18
CS 230080	95840559	1	AB 170021	CS 160055	102	115	106	74	102	97	121	101	123	94	110	126	115	106	107	115	121	108	99	103	106	108	119	117	110	107
					61	65	52	30	34	39	44	40	8	1.10	-0.45	30	11.9	1.2	26	16.4	98	4.3	-2.0	-0.7	13.6	7	23	1.82	-0.01	0.62
														71	48	30	65	52	49	45	43	45	45	24	49	45	45	8	7	7

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

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Animal				Selection Value										Birth		Wean				Growth		Fertility				Frame		Carcass		
ID	Animal no	% Inbreeding	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
			Sire ID Dam ID																											
CS 230086	95833695	2	SS 160016 CS 160024	94 63	107 67	101 53	107 28	108 38	116 41	96 23	113 37	99 14	92 1.30 72	100 -0.10 52	93 -5 28	107 8.7 67	101 -0.7 53	109 32 49	109 13.1 53	98 15 22	93 -3.1 24	106 -6.8 49	107 -1.5 27	94 5.9 53	96 -1 25	101 5 24	98 0.40 14	102 -0.30 13	109 0.69 13	
CS 230097	95833794	2	AB 170021 CS 170080	98 60	122 65	100 51	67 29	102 28	97 37	128 44	103 38	129 8	92 1.23 71	106 -0.32 47	133 37 29	122 15.1 65	100 -0.9 51	105 20 48	120 19.6 52	126 119 43	111 5.6 45	98 -0.9 38	105 -1.1 19	107 14.1 49	116 12 45	126 29 45	122 2.29 8	118 0.27 7	114 0.86 7	
CS 230100	95840575	4	SS 160016 CS 180046	90 60	91 65	100 46	108 24	76 34	76 37			88 12	95 1.01 71	90 0.29 47	92 -7 24	91 1.9 65	100 -0.8 46	97 1 45	88 0.8 52	85 -35 18	87 -6.2 20	91 4.5 45	73 4.8 22	96 7.2 48	84 -8 20	89 -7 20	81 -0.97 13	103 -0.28 12	97 0.29 12	
CS 230111	96155858	1	SS 160016 CS 200039	101 61	85 67	99 51	117 27	90 36	89 40	78 21	85 36	81 12	101 0.40 71	99 -0.04 48	83 -16 27	85 -0.6 67	99 -1.3 51	95 -6 48	87 0.3 53	80 -52 20	78 -10.3 22	107 -8.1 48	80 3.5 25	96 7.4 51	77 -13 23	82 -15 22	79 -1.08 13	90 -0.73 12	92 0.12 12	
CS 230114	96155643	2	SS 160016 CS 140008	97 63	100 65	93 49	108 27	88 34	93 39	91 22	91 36	92 16	96 0.94 72	100 -0.08 51	92 -6 27	100 5.8 65	93 -3.2 49	97 1 47	96 5.5 50	90 -14 22	89 -5.2 23	98 -1.1 46	83 2.8 22	94 6.2 52	90 -5 24	93 -3 23	88 -0.40 16	102 -0.31 15	96 0.24 15	
CS 230115	96155866		AB 170021 CS 140035	94 61	121 54	101 48	69 28	118 32	108 35	121 43	112 37	123 6	80 2.43 71	115 -0.63 48	131 35 28	121 14.6 54	101 -0.6 48	105 21 43	120 19.4 46	120 97 42	107 3.5 44	110 -10.2 43	119 -3.5 22	101 10.3 49	108 7 45	119 23 44	116 1.79 7	113 0.10 6	107 0.63 6	
CS 230117	96155650	1	SS 160016 CS 200090	96 61	112 66	114 49	95 28	100 36	108 39	105 21	108 35	109 12	90 1.46 71	106 -0.32 48	105 8 28	112 10.8 66	114 3.7 49	120 59 48	113 15.1 53	106 45 20	105 2.6 22	99 -1.9 48	100 -0.2 25	95 7.0 51	102 3 23	112 15 22	106 0.98 13	95 -0.56 12	106 0.57 12	
CS 230129	96305974	1	VL 180051 CS 170069	82 56	109 59	115 40	82 21	101 22	94 31	116 36	98 32	118 20	89 1.59 68	86 0.43 40	118 21 21	109 9.5 59	115 4.2 40	114 43 40	111 13.9 28	115 75 34	128 13.8 38	89 5.6 32	109 -1.8 13	98 8.4 41	125 18 39	121 24 37	115 1.72 20	99 -0.42 19	87 -0.07 18	
CS 240014	97103584	2	SS 160016 CS 180057	97 62	107 68	103 52	104 28	95 38	105 41	99 23	103 37	102 14	93 1.16 71	102 -0.17 50	96 -2 28	107 8.6 68	103 0.0 52	110 33 49	105 10.6 46	101 24 22	94 -2.6 24	95 1.0 48	97 0.4 28	94 6.3 52	97 0 25	103 6 24	99 0.47 14	103 -0.25 13	109 0.71 13	
CS 240017	97103600	1	SS 160016 CS 180063	98 62	92 67	105 51	116 28	91 38	96 40	83 23	93 37	86 14	93 1.20 71	105 -0.26 50	84 -15 28	92 2.2 67	105 0.7 51	106 22 49	93 3.9 48	85 -32 22	83 -8.3 24	98 -1.1 48	88 2.0 27	94 6.2 52	83 -9 25	89 -7 24	85 -0.64 14	86 -0.87 13	98 0.33 13	
CS 240021	97103626	2	SS 160016 CS 130001	88 64	100 66	97 53	111 27	78 35	86 39	89 22	85 36	89 14	89 1.53 72	95 0.11 53	89 -9 27	100 5.6 66	97 -1.7 53	102 13 49	97 5.9 46	89 -19 21	87 -6.1 23	89 5.9 48	77 4.0 22	96 7.4 53	92 -3 23	92 -5 23	87 -0.44 15	100 -0.37 14	100 0.39 14	
CS 240024	97103592	5	SS 160016 CS 170003	96 63	111 66	88 52	107 24	66 38	83 39	92 20	83 35	94 13	93 1.21 72	103 -0.18 51	93 -5 24	111 10.1 66	88 -4.9 52	100 7 47	105 10.7 48	90 -13 19	93 -3.3 21	71 19.6 49	71 5.0 27	103 11.4 53	91 -4 21	96 -1 21	86 -0.54 14	103 -0.27 12	101 0.43 12	

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

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Animal			Selection Value										Birth		Wean				Growth		Fertility				Frame		Carcass				
ID	Animal no	% Inbreeding	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
CS 240030	97103659	2	SS 160016 CS 180012	102	104	102	105	102	108	96	106	99	98	105	95	104	102	107	102	98	93	104	100	96	95	101	97	100	106		
				63	67	52	28	38	40	22	36	14	0.71	-0.28	-3	7.3	-0.4	25	9.0	14	-3.2	-5.5	-0.1	7.2	-2	4	0.33	-0.39	0.59		
													72	51	28	67	52	49	46	21	23	48	27	52	24	23	14	13	12		
CS 240031	97103568	1	SS 160016 CS 180019	103	97	103	107	104	106	92	103	96	100	103	93	97	103	104	97	94	92	106	102	95	89	97	93	93	97		
				62	67	52	27	37	40	22	36	14	0.52	-0.21	-6	4.5	0.1	19	6.0	-1	-3.9	-6.7	-0.5	7.0	-5	1	-0.01	-0.61	0.29		
													71	51	27	67	52	49	46	20	22	48	26	52	23	22	14	13	12		
CS 240032	97103667	1	SS 160016 CS 160002	94	113	103	98	97	107	104	107	106	91	101	102	113	103	112	107	104	105	99	97	91	104	110	102	102	102		
				62	65	51	25	34	38	20	34	14	1.34	-0.13	4	10.9	0.2	40	12.1	37	2.6	-1.6	0.4	4.5	5	13	0.68	-0.31	0.45		
													71	50	25	65	51	47	42	19	21	46	22	50	21	20	15	14	13		
CS 240041	97446033	5	GN 150300 CS 190094	103	98	85	114	108	111	100	109	100	106	97	86	98	85	89	96	100	103	98	114	107	108	102	108	91	107		
				59	63	45	26	34	37	26	35	20	-0.02	0.02	-12	4.6	-6.0	-21	5.3	22	1.9	-0.7	-2.7	13.9	7	6	1.17	-0.70	0.63		
													70	45	26	63	45	45	42	25	29	43	25	52	28	28	21	19	18		
CS 240042	97456057		GN 150300 CS 190098	98	108	95	101	118	119	109	119	112	95	101	99	108	95	102	105	111	111	110	118	100	114	113	118	95	108		
				59	65	47	26	34	38	27	36	20	0.95	-0.13	1	8.9	-2.6	13	10.5	61	5.4	-10.3	-3.4	9.8	11	17	1.95	-0.56	0.66		
													69	46	26	65	47	46	42	26	29	42	25	51	29	28	21	19	18		
CS 240047	97469654	4	CS 210031 CS 190086	112	94	96	104	97	96			97	107	110	96	94	96	94	88	95	96	100	96	98	93	98	94	100	102		
				54	59	41	19	26	32			10	-0.14	-0.45	-2	3.1	-2.3	-9	0.4	3	-1.9	-2.6	0.5	8.6	-3	2	0.10	-0.36	0.44		
													67	38	19	59	41	40	36	16	17	33	19	41	18	17	11	10	9		
CS 240049	97470439		CS 210070	104	97	102	104	110	108			100	102	102	96	97	102	102	99	98	103	107	109	90	100	100	99	106	97		
				48	55	34	19	21	29			7	0.29	-0.16	-2	4.5	-0.3	12	7.3	15	1.6	-7.9	-1.7	3.8	2	3	0.43	-0.17	0.28		
													61	31	19	55	34	36	22	11	12	25	17	32	12	12	7	7	7		
CS 240053	97470421	16	CS 210009 CS 190052	101	92	89	106	86	84	100	85	99	103	96	94	92	89	87	90	100	101	78	96	97	102	100	98	109	104		
				56	61	42	22	32	35	20	32	14	0.21	0.05	-5	2.3	-4.5	-26	1.5	22	0.7	14.2	0.5	8.2	3	3	0.39	-0.04	0.51		
													67	42	22	61	42	42	38	19	20	38	25	42	20	20	14	13	13		
CS 240055	97470447		CS 170040	97	94	113	92	125	110			101	99	96	108	94	113	106	95	96	103	129	116	80	102	102	99	113	95		
				49	52	34	5	22	26			8	0.65	0.06	10	3.3	3.5	23	4.8	7	1.8	-24.3	-3.0	-2.1	3	5	0.46	0.09	0.23		
													61	33	5	52	34	30	16	8	10	26	17	30	10	9	8	7	7		
CS 240068	97470413	1	CIS 140008 CS 170004	100	102	101	94	94	92	114	96	113	92	111	106	102	101	100	98	114	114	92	98	89	112	114	109	111	102		
				61	65	47	27	32	38	22	35	14	1.31	-0.47	8	6.3	-0.7	9	6.6	71	6.8	3.3	0.3	3.1	9	18	1.23	0.02	0.45		
													71	48	27	65	47	46	42	22	23	41	23	50	24	23	15	14	14		
CS 240074	97516371	2	SS 160016 CS 190063	109	101	99	107	89	98	96	97	98	105	108	93	101	99	103	96	96	101	99	85	91	96	99	94	88	96		
				60	64	49	24	33	37	21	34	15	0.07	-0.38	-6	5.9	-1.4	14	5.5	6	0.8	-1.6	2.5	4.5	-1	3	0.11	-0.80	0.25		
													71	46	24	64	49	46	42	20	23	45	21	49	23	22	16	14	14		
CS 240079	97516447	2	SS 160016 CIS 170033	102	97	102	109	76	85	97	86	97	102	100	91	97	102	104	96	99	94	87	75	95	90	99	91	91	95		
				63	69	53	28	34	40	25	37	13	0.31	-0.07	-8	4.3	-0.2	17	5.5	18	-2.6	7.0	4.3	6.9	-5	3	-0.12	-0.70	0.20		
													73	50	28	69	53	50	51	24	26	47	22	52	27	26	14	12	12		

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Animal			Selection Value										Birth		Wean				Growth		Fertility				Frame		Carcass				
ID	Animal no	% Inbreeding	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
CS 240081	97550982			CS 150006		98 50	86 55	107 37	102 10	110 22	96 28			90 8	107 -0.11 62	87 0.38 35	98 0 10	86 -0.3 55	107 1.4 37	97 1 34	86 -0.3 20	88 -21 12	93 -3.2 14	105 -6.5 28	111 -2.1 16	75 -5.2 34	91 -4 14	89 -8 14	90 -0.24 9	108 -0.09 8	93 0.14 8
CS 240086	97516405			CS 160030		100 50	95 54	117 34	94 15	119 24	108 29			103 10	99 0.63 62	101 -0.14 35	106 8 15	95 3.4 54	117 4.9 34	110 34 34	98 6.7 22	100 23 15	104 2.3 17	121 -18.2 31	112 -2.4 18	82 -1.4 35	102 3 17	103 7 16	103 0.78 11	103 -0.26 10	98 0.32 9
CS 240088	97516413			CS 200049 CS 150023		100 58	97 62	88 45	99 19	115 27	105 34			94 12	102 0.35 69	97 0.02 44	101 3 19	97 4.5 62	88 -4.7 45	88 -24 42	95 4.7 28	91 -10 14	97 -1.0 16	117 -15.6 34	109 -1.9 20	103 11.8 41	94 -2 16	93 -3 15	89 -0.31 12	114 0.14 11	92 0.12 11
CS 240090	97516611	1		CS 200049 CS 180036		106 56	82 61	91 39	103 13	100 26	84 31			85 12	108 -0.21 68	99 -0.04 40	97 -1 13	82 -1.8 61	91 -3.7 39	81 -42 38	86 -0.4 29	83 -43 14	86 -6.5 16	111 -11.2 33	92 1.2 20	99 9.2 39	84 -9 16	83 -13 16	80 -0.98 12	114 0.12 11	86 -0.08 11
CS 240102	97749873	1		SS 160016 CS 210004		102 61	94 65	103 49	116 30	96 34	103 39	90 22	100 36	94 12	100 0.54 71	103 -0.18 49	84 -15 30	94 3.0 65	103 0.2 49	105 21 48	95 4.5 45	92 -9 20	89 -5.0 22	106 -6.7 45	90 1.6 24	92 5.1 51	88 -6 23	95 -2 22	91 -0.15 13	94 -0.58 12	100 0.37 12
CS 240107	97736086	8		CS 210007 CS 190057		100 55	119 61	112 38	87 14	95 27	105 32			118 14	90 1.50 68	113 -0.55 38	113 16 14	119 13.5 61	112 3.0 38	119 57 38	115 16.8 33	114 75 16	123 11.5 18	102 -4.1 35	91 1.4 19	89 3.1 40	117 13 18	119 23 18	115 1.71 14	102 -0.31 13	101 0.43 13
CS 240113	97722029	1		SS 160016 CS 190054		104 60	94 66	108 49	103 23	97 34	96 38	94 20	95 34	95 14	99 0.62 71	107 -0.33 47	97 -2 23	94 3.1 66	108 1.8 49	105 20 46	93 3.5 44	93 -4 19	98 -0.9 21	107 -7.5 46	91 1.4 22	89 3.1 49	94 -2 22	97 1 21	90 -0.21 15	93 -0.63 13	95 0.23 13
CS 240114	97736102			CIS 190108		105 48	93 31	103 27	102 12	90 15	87 20			99 10	108 -0.20 63	97 0.02 28	98 0 12	93 2.7 31	103 0.0 27	99 5 23	92 2.7 28	99 18 12	99 -0.4 13	97 -0.5 17	87 2.2 13	87 1.6 26	97 0 13	97 1 13	95 0.18 10	105 -0.19 9	92 0.12 9
CS 240122	97773501			RO 140075		108 52	87 57	101 38	90 23	104 20	84 30	96 24	85 29	96 20	112 -0.58 64	96 0.05 37	110 13 23	87 0.3 57	101 -0.5 38	89 -20 39	92 2.7 25	93 -3 23	93 -3.2 24	103 -4.5 26	104 -0.8 15	87 2.0 36	104 4 24	96 0 24	91 -0.14 20	107 -0.12 19	107 0.63 18
CS 240130	97773543	4		SS 160016 CS 190025		100 62	100 67	89 51	115 27	93 36	102 40	87 21	98 36	88 15	98 0.67 72	101 -0.12 50	85 -14 27	100 5.5 67	89 -4.6 51	95 -4 48	98 6.5 47	86 -29 20	90 -4.7 22	89 5.5 45	97 0.3 26	93 5.6 52	86 -7 23	90 -7 22	85 -0.59 16	91 -0.69 14	95 0.21 14
CS 240134	97952972	4		CS 210009 CS 210066		105 56	104 61	91 41	96 25	99 29	98 35			106 12	102 0.35 67	104 -0.23 41	104 6 25	104 7.2 61	91 -3.9 41	94 -8 42	98 6.8 38	105 42 18	106 2.9 19	84 9.6 34	110 -2.0 24	101 10.2 42	106 6 20	106 10 19	105 0.91 13	111 0.03 12	109 0.69 11
CS 240137	97939276			CS 200024		100 47	91 31	120 25	94 12	109 18	97 20			97 6	101 0.44 61	98 0.00 29	106 8 12	91 1.9 31	120 5.7 25	110 34 23	93 3.5 14	95 3 11	98 -0.5 12	104 -5.3 24	110 -2.0 11	78 -3.7 27	100 2 12	96 0 11	95 0.14 6	115 0.18 6	95 0.22 6

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Animal			Selection Value										Birth		Wean				Growth		Fertility				Frame		Carcass		
ID	Inbreeding	Index	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
		EBV																											Acc
Sire ID	Dam ID																												
CS 240139	97939300	2	CIS 140008	CS 150002								95	93	95	90	98	93	87	101	104	87	89	83	106	101	94	115	96	
												60	64	46	22	28	80	103	82	100				6	4	0.10	0.16	0.24	
												71	46	22	64	46	44	39	19	21	37	20	47	21	20	15	14	14	
CS 240141	97939318	3	CS 200049	CS 150055								98	98	110	106	102	103	103	101	107	100	99	93	109	105	96	136	106	
												59	61	13	8.1	-0.4	14	9.7	24	3.6	-2.5	0.0	5.5	8	9	0.25	0.91	0.60	
												69	46	21	61	43	42	30	22	24	32	19	44	25	24	15	14	13	
CS 240144	97952998		CS 210057									103	89	109	100			94	92	98	110	102	81	95	93	91	108	87	
												47	32	5	1.1	2.2	9	4.0	-8	-0.6	-10.2	-0.6	-1.5	-2	-4	-0.17	-0.07	-0.07	
												61	30	11	32	26	23	23	10	11	29	12	26	11	11	8	8	7	
CS 240148	97939342		CIS 180161	CS 180016								103	85	92	84			88	90	88	108	95	95	84	84	87	93	87	
												54	60	-3	-0.8	-3.4	-34	0.7	-16	-5.6	-8.5	0.6	6.6	-9	-12	-0.46	-0.63	-0.07	
												66	39	17	60	39	39	30	17	18	29	20	38	18	18	13	12	12	
CS 240167	98005226	2	CIS 140008	CS 150003								99	90	98	90	87	82	87	99	102	89	86	84	104	99	93	114	95	
												59	64	-1	1.3	-5.1	-38	-0.3	19	1.3	5.6	2.3	-0.1	4	2	-0.01	0.15	0.21	
												70	45	27	64	49	47	40	19	21	37	20	47	21	20	15	14	14	
CS 250001	98294846		CS 180030									101	85	91	85	111	103	89	89	88	118	97	81	88	89	90	96	91	
												50	34	-7	-0.6	2.6	16	1.5	-19	-5.7	-16.3	0.3	-1.4	-6	-7	-0.26	-0.51	0.07	
												62	35	18	34	33	28	26	16	17	32	21	31	17	17	9	8	8	
CS 250007	98487242		CS 200009									115	88	97	88	100	93	89	89	96	90	98	86	93	91	88	107	92	
												48	34	-1	0.4	-0.9	-11	1.4	-19	-1.5	5.1	0.2	1.6	-3	-5	-0.42	-0.11	0.12	
												61	31	13	34	30	26	24	9	11	30	18	29	11	10	7	6	6	
CS 250009	98495310		CS 190065									97	89	95	89	100	95	90	86	93	113	106	82	89	87	85	102	87	
												48	33	-4	1.1	-0.8	-6	1.8	-31	-3.2	-12.6	-1.3	-1.4	-5	-10	-0.59	-0.30	-0.06	
												61	32	13	33	30	25	25	8	9	29	16	28	9	9	6	5	5	
CS 250012	98498595		CS 180072									100	89	99	89	114	106	92	95	97	109	106	78	99	98	98	107	98	
												50	34	1	0.9	3.7	22	3.0	5	-1.2	-9.1	-1.2	-3.3	1	1	0.37	-0.12	0.31	
												62	34	18	34	32	28	27	17	18	31	22	32	18	18	11	10	10	
CS 250014	98556475		CS 180020									98	97	104	97	116	112	99	97	97	99	93	77	94	100	98	103	96	
												50	34	6	4.3	4.5	38	6.9	10	-1.3	-1.9	1.1	-4.0	-2	3	0.42	-0.28	0.26	
												62	35	17	34	34	28	28	16	18	30	20	31	18	17	10	9	9	
CS 250015	98556483		CS 190032									96	92	103	92	109	102	95	93	98	114	106	79	95	94	92	110	87	
												48	26	5	2.3	2.1	13	5.0	-5	-0.5	-13.4	-1.3	-2.8	-1	-2	-0.10	0.00	-0.04	
												61	31	12	26	30	23	19	9	10	19	9	25	10	10	8	7	7	
CS 250018	98561715		CS 160047									93	86	98	86	104	94	86	87	93	125	104	78	89	88				
												49	25	0	-0.2	0.3	-6	-0.7	-27	-3.3	-21.8	-0.9	-3.4	-5	-9				
												61	34	6	25	34	22	17	5	6	27	16	26	6	6				

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Value											Birth		Wean				Growth		Fertility				Frame		Carcass		
ID	Animal no	% Inbreeding	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
			Sire ID Dam ID																											
CS 250025	98644842	CS 210034		105 48	74 53	100 32	104 10	121 22	96 27			83 8	108 -0.25 61	97 0.01 31	96 -3 10	74 -5.3 53	100 -0.7 32	83 -35 32	78 -5.6 20	82 -46 10	88 -5.7 11	132 -27.0 28	107 -1.4 15	90 4.0 30	84 -8 11	81 -15 10	80 -0.99 8	105 -0.17 8	81 -0.27 7	
CS 250027	98675861	CS 170064		105 49	87 54	116 36	95 12	104 22	90 28			100 8	110 -0.43 61	94 0.15 33	105 7 12	87 0.1 54	116 4.3 36	104 18 34	91 2.6 17	99 19 11	101 0.9 12	101 -3.1 27	105 -1.0 17	91 4.1 31	105 5 12	100 3 12	98 0.36 9	117 0.23 8	98 0.32 8	
CS 250028	98675879	CS 160036		98 48	91 50	98 32	99 14	104 18	91 26			95 6	102 0.31 61	94 0.15 31	101 3 14	91 1.6 50	98 -1.5 32	92 -14 32	91 2.6 12	92 -7 9	94 -2.5 10	108 -8.3 25	100 -0.2 11	82 -1.0 29	97 0 10	92 -4 10	92 -0.10 6	118 0.28 5	94 0.19 5	
CS 250030	6020845738	CS 210145		109 45	88 26	107 23	102 12	100 20				93 7	110 -0.41 60	101 -0.11 26	98 0 12	88 0.7 26	107 1.5 23	99 6 20	88 0.8 22	91 -11 10	94 -2.8 11	100 -2.3 29	100 -0.1 11	76 -4.8 27	93 -3 11	94 -3 10	89 -0.32 7	106 -0.14 7	92 0.10 7	
CS 250039	99225153	CS 200043		104 48	93 53	99 33	105 13	98 20	95 27			90 8	108 -0.22 61	96 0.07 31	95 -3 13	93 2.6 53	99 -1.2 33	96 -2 33	93 3.5 26	89 -20 12	89 -4.9 13	96 0.8 28	100 -0.2 13	80 -2.1 32	91 -4 13	90 -7 13	87 -0.47 8	110 -0.01 7	95 0.22 7	
CS 250042	99225179	CS 220142		93 48	102 52	108 32	94 22	113 24	107 29			98 10	87 1.77 61	105 -0.25 31	106 8 22	102 6.6 52	108 1.9 32	108 28 35	104 10.2 26	96 8 16	96 -1.6 17	119 -16.8 30	105 -1.1 18	88 2.5 33	94 -2 17	97 1 17	98 0.35 10	100 -0.36 9	96 0.26 9	
CS 250048	99225203	CS 220044		97 46	93 52	104 29	106 18	113 21	107 27			95 10	99 0.59 61	95 0.09 26	94 -5 18	93 2.7 52	104 0.5 29	102 12 33	94 4.4 26	94 1 14	96 -1.8 15	112 -11.3 28	110 -2.0 14	88 2.4 31	99 1 15	95 -2 15	97 0.32 11	104 -0.22 10	97 0.28 9	
CS 250053	99225245	CS 190023		105 48	93 53	99 32	101 13	106 19	98 26			96 6	107 -0.16 61	98 -0.01 31	99 1 13	93 2.5 53	99 -1.4 32	94 -7 33	95 4.9 24	93 -4 9	99 -0.2 10	102 -3.8 23	107 -1.5 15	84 0.0 32	97 0 10	96 -1 10	93 0.02 6	104 -0.25 6	94 0.17 5	
CS 250064	99330359	CS 200077		104 47	92 50	94 32	100 13	111 18	99 25			92 10	104 0.11 61	100 -0.08 30	100 2 13	92 2.2 50	94 -2.7 32	90 -19 32	92 2.9 20	91 -10 12	97 -1.2 13	115 -13.9 22	105 -1.0 13	85 0.7 31	93 -3 13	90 -6 13	89 -0.30 10	109 -0.03 9	87 -0.04 9	
CS 250074	99330425	CS 200083		101 47	130 54	105 33	73 12	103 21	111 27			132 5	93 1.15 61	110 -0.43 30	127 30 12	130 18.3 54	105 0.6 33	116 48 33	124 21.8 24	127 121 8	133 16.0 9	87 7.1 27	114 -2.6 15	82 -1.0 30	130 21 9	134 37 9	127 2.67 5	115 0.17 5	111 0.75 5	
CS 250076	99330433	CS 210070		104 48	86 54	105 34	108 19	109 21	101 29			94 7	104 0.10 61	100 -0.08 31	92 -7 19	86 -0.3 54	105 0.8 34	98 2 36	91 2.3 22	93 -5 11	98 -0.9 12	108 -8.9 25	107 -1.5 17	89 3.2 32	95 -1 12	94 -3 12	93 -0.01 7	104 -0.23 7	94 0.17 7	
CS 250081	99330458	CS 170040		102 49	76 51	117 34	100 5	125 22	100 25			89 8	107 -0.19 61	93 0.17 33	100 2 5	76 -4.4 51	117 4.8 34	99 5 30	81 -3.6 16	86 -31 8	93 -3.0 10	132 -26.7 26	113 -2.5 17	82 -1.0 30	92 -3 10	90 -6 9	88 -0.40 8	110 -0.01 7	89 0.02 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		Fertility				Frame		Carcass		
ID	Animal no	% Inbreeding	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
			Sire ID Dam ID																											
CS 250089	99330524	CS 190060		98 49	131 56	101 34	75 13	95 23	106 28			128 8	91 1.34 62	107 -0.35 33	125 29 13	131 18.8 56	101 -0.4 34	114 44 34	122 20.4 26	123 105 13	125 12.1 14	87 7.3 29	103 -0.6 17	85 0.4 32	123 17 15	130 33 14	121 2.21 9	114 0.14 8	110 0.71 8	
CS 250100	99486318	CS 180045		101 50	109 56	99 38	91 16	106 24	105 30			112 10	97 0.82 62	104 -0.25 35	109 12 16	109 9.4 56	99 -1.3 38	103 15 37	107 11.8 27	108 53 16	106 3.2 17	94 1.8 29	113 -2.5 20	83 -0.5 34	105 5 17	110 13 17	110 1.30 10	108 -0.08 9	103 0.47 9	
CS 250110	99486375	NP 180040		100 51	96 57	116 34	87 13	103 18	91 27			107 8	103 0.27 64	95 0.09 34	113 16 13	96 3.9 57	116 4.4 34	107 27 35	98 6.7 26	105 42 12	105 2.6 14	105 -6.6 24	100 -0.2 13	82 -0.9 34	108 7 14	107 11 13	102 0.73 9	113 0.09 8	96 0.27 8	
CS 250112	99486391	CS 210141		106 48	111 53	122 34	78 25	115 24	111 30			126 7	99 0.62 61	110 -0.45 32	122 25 25	111 10.2 53	122 6.5 34	119 57 37	110 13.8 20	122 101 12	123 11.2 14	116 -14.3 29	111 -2.1 18	87 1.7 32	121 15 14	127 30 13	123 2.31 7	113 0.08 7	107 0.61 7	
CS 250113	99486409	CS 210051		96 47	121 55	113 32	74 24	105 20	105 29			123 6	95 0.95 61	99 -0.06 28	126 29 24	121 14.5 55	113 3.4 32	117 51 37	115 16.8 20	119 93 11	123 11.6 12	97 -0.4 27	109 -1.7 13	82 -1.3 30	125 18 12	125 28 12	118 1.94 7	125 0.52 6	109 0.69 6	
CS 250118	99486425	CS 170004		100 51	99 54	126 36	86 18	118 24	107 30			111 7	92 1.31 62	111 -0.48 37	114 16 18	99 5.2 54	126 7.7 36	118 54 36	102 9.0 22	108 52 12	110 5.0 14	116 -14.5 30	114 -2.7 19	78 -3.4 34	107 7 14	112 15 13	108 1.19 7	109 -0.06 7	98 0.33 7	
CS 250145	99878126	CS 220141		94 45	88 31	101 23	101 11	86 18	76 20			95 7	99 0.59 60	91 0.26 26	99 1 11	88 0.6 31	101 -0.6 23	93 -10 22	87 0.3 23	94 -2 10	97 -1.4 11	87 7.0 26	89 1.7 10	79 -2.8 25	97 0 11	93 -3 11	90 -0.23 7	115 0.16 7	92 0.11 7	
CS 250147	99878142	CS 210026		103 48	97 31	103 27	94 15	120 21	108 22			100 8	105 0.08 61	99 -0.03 31	106 8 15	97 4.3 31	103 0.2 27	99 6 24	99 7.2 22	99 18 15	100 0.4 16	118 -16.3 27	116 -3.0 15	81 -1.5 27	102 3 16	99 3 16	99 0.44 9	109 -0.06 8	96 0.26 8	
CS 250149	99878167	CS 160027		101 51	92 32	113 37	101 18	112 25	105 25			100 10	100 0.53 62	101 -0.11 36	99 1 18	92 2.2 32	113 3.4 37	107 27 29	96 5.5 24	99 19 16	101 0.5 17	120 -17.8 30	103 -0.8 20	81 -1.9 32	101 2 17	99 3 17	99 0.50 10	109 -0.06 10	97 0.29 9	
CS 250164	99878266	CS 230009		106 46	88 32	99 24	105 12	107 16	98 20			93 10	113 -0.70 61	92 0.21 27	95 -3 12	88 0.4 32	99 -1.1 24	93 -11 23	87 0.0 22	92 -8 13	96 -1.6 15	102 -4.3 21	109 -1.8 11	80 -2.5 27	97 15 15	93 -4 14	95 0.18 11	102 -0.30 10	95 0.22 9	
CS 250165	99878274	CS 180010		105 50	86 35	109 36	100 17	113 26	99 25			97 9	107 -0.10 62	98 -0.01 35	100 2 17	86 -0.5 35	109 2.1 36	98 4 29	89 1.1 22	95 4 16	95 -2.4 17	121 -18.7 29	104 -0.9 22	76 -4.5 32	97 0 18	96 -1 17	96 0.23 9	115 0.18 9	100 0.38 8	
CS 260003	6020188931	AB 200096 CS 170069	1	96 55	113 40	114 39	81 22	96 24	97 27	115 35	100 29	120 8	95 1.00 68	99 -0.03 39	119 22 22	113 11.2 40	114 3.7 39	115 46 34	113 15.3 30	118 86 33	114 6.9 37	99 -1.6 33	96 0.6 15	104 12.0 38	111 9 38	119 22 37	115 1.73 8	108 -0.08 7	104 0.52 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		Fertility				Frame		Carcass		
ID	Animal no	% Inbreeding	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
			Sire ID Dam ID																											
CS 260006	6020213481		CS 190054	103 47	95 31	118 30	90 6	115 20	103 20			103 10	99 0.61 61	105 -0.26 30	110 12 6	95 3.6 31	118 5.1 30	110 33 22	96 5.4 20	100 23 11	109 4.4 13	120 -17.8 26	107 -1.5 13	74 -6.1 26	105 5 13	103 6 12	99 0.48 10	107 -0.12 9	92 0.10 9	
CS 260007	6020213499	3	AB 200096 CS 170052	96 59	120 48	111 45	83 26	94 31	102 33	116 38	105 34	121 12	89 1.52 70	107 -0.34 44	117 20 26	120 13.9 48	111 2.9 45	118 54 40	119 19.0 39	117 85 36	109 4.6 40	100 -2.8 39	91 1.4 23	111 16.1 43	108 7 41	119 22 40	116 1.75 13	114 0.12 12	112 0.80 12	
CS 260008	6020213507	3	AB 200096 CS 210067	94 54	120 46	98 38	91 29	83 26	96 31	106 36	97 32	112 10	89 1.57 68	104 -0.23 37	109 12 29	120 14.0 46	98 -1.6 38	109 32 38	114 16.2 38	109 55 34	102 1.4 39	87 7.0 32	85 2.5 20	107 13.8 39	101 2 39	110 13 38	106 1.02 10	111 0.03 10	104 0.53 9	
CS 260012	6020213531		CS 190094	101 48	93 30	106 32	103 15	112 24	105 23			95 7	101 0.43 61	99 -0.05 32	97 -2 15	93 2.5 30	106 0.9 32	102 12 26	95 5.0 23	93 -5 12	98 -0.8 13	108 -8.3 29	112 -2.3 19	81 -1.6 30	96 -1 13	95 -2 12	94 0.09 7	104 -0.24 7	95 0.22 7	
CS 260014	6020213556	3	AB 200096 CS 210022	94 55	118 47	108 39	83 29	88 30	95 32	110 36	97 33	116 10	88 1.67 69	106 -0.29 38	117 20 29	118 13.4 47	108 1.8 39	114 45 38	116 17.2 38	113 70 35	106 3.2 39	94 2.0 38	87 2.1 22	109 15.1 40	104 5 40	114 18 38	111 1.41 11	108 -0.10 10	107 0.63 10	
CS 260017	6020213572	2	AB 200096 CS 180065	90 57	119 47	117 40	82 25	101 31	105 32	119 37	108 33	125 10	83 2.08 69	105 -0.25 42	118 21 25	119 13.7 47	117 4.7 40	122 64 37	119 18.9 38	122 101 35	113 6.5 39	107 -8.0 38	96 0.6 24	106 13.2 41	111 9 40	123 26 38	121 2.19 10	107 -0.12 9	109 0.69 9	
CS 260018	6020213580	3	AB 200096 CS 200044	94 56	109 49	89 41	97 25	88 28	92 32	99 36	92 33	104 10	98 0.70 69	92 0.20 40	103 5 25	109 9.2 49	89 -4.6 41	96 -3 38	106 11.4 38	103 32 35	94 -2.9 39	92 3.2 36	88 1.9 19	106 13.5 40	96 -1 40	102 6 38	100 0.52 10	108 -0.07 10	105 0.57 9	
CS 260019	6020213598	1	AB 200096 CS 180036	98 55	106 46	102 38	88 22	89 27	87 30	105 35	89 31	110 8	96 0.92 68	102 -0.15 39	112 15 22	106 8.3 46	102 -0.3 38	102 14 35	108 12.3 34	107 49 33	100 0.3 37	101 -3.0 34	83 2.8 20	102 10.7 36	99 1 38	108 11 36	105 0.95 9	107 -0.12 8	98 0.30 8	
CS 260023	6020670037		CS 190055	95 47	98 32	120 30	91 6	109 22	100 21			102 10	94 1.07 61	99 -0.06 30	109 12 6	98 4.9 32	120 5.8 30	114 44 23	101 8.0 22	99 17 11	107 3.4 13	111 -11.1 26	104 -0.9 17	74 -5.7 26	104 4 13	101 4 12	98 0.38 10	109 -0.04 9	92 0.12 9	
CS 260024	6020670045	1	AB 200096 CS 150055	101 59	113 44	114 43	81 28	87 26	90 31	116 40	95 33	119 12	101 0.38 70	99 -0.04 45	119 22 28	113 11.0 44	114 3.6 43	115 45 38	111 14.0 36	116 82 37	112 6.1 42	92 3.2 33	87 2.1 19	95 6.9 42	115 12 42	119 22 41	112 1.44 12	126 0.57 11	112 0.79 11	
CS 260029	6020670078	1	AB 200096 CS 180075	95 58	116 49	98 44	85 24	114 28	112 32	113 36	113 33	116 12	93 1.22 70	101 -0.13 42	115 18 24	116 12.4 49	98 -1.5 44	105 21 39	117 17.6 38	115 76 34	111 5.7 39	115 -14.1 36	109 -1.8 20	109 14.9 40	108 7 40	115 18 38	113 1.52 12	108 -0.10 11	102 0.45 10	
CS 260045	6020857006		CS 220137	97 47	95 34	112 30	95 18	113 24	103 24			97 12	95 0.97 59	101 -0.11 31	105 7 18	95 3.7 34	112 3.2 30	107 25 27	101 8.2 26	95 4 17	94 -2.6 18	113 -12.7 29	109 -1.7 18	84 0.0 30	98 1 18	97 0 18	95 0.16 12	104 -0.24 11	101 0.41 11	

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Value										Birth		Wean				Growth		Fertility				Frame		Carcass		
ID	Animal no	% Inbreeding	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
			Sire ID Dam ID																										
CS 260046	6020857022	CS 220109		95 44	98 31	99 22	100 11	104 16				98 10	97 0.78 58	95 0.09 25	100 2 11	98 4.8 31	99 -1.1 22	99 5 21	97 6.0 22	97 10 12	101 0.5 13	104 -5.3 24	103 -0.7 8	81 -1.6 26	103 4 13	99 2 13	100 0.50 10	105 -0.21 9	96 0.25 9
CS 260047	6020857030	CS 220136		102 44	102 32	107 25	81 15	105 17	94 20	110 22	96 20		101 0.42 58	102 -0.14 26	119 22 15	102 6.6 32	107 1.6 25	102 14 24	103 9.3 26	109 53 21	104 2.0 22	104 -5.8 25	105 -1.0 9	85 0.9 26	105 5 23	109 13 22			
CS 260048	6020856909	CS 200024		98 45	93 31	120 25	94 12	109 18	98 20			97 6	98 0.68 58	98 -0.01 29	106 8 12	93 2.5 31	120 5.8 25	111 37 23	94 4.3 14	95 3 11	98 -0.5 12	104 -5.3 24	110 -2.0 11	78 -3.7 27	100 2 12	96 0 11	95 0.14 6	115 0.18 6	95 0.22 6
CS 260049	6020856917	CS 210083		103 44	84 32	98 27	103 14	94 18	81 21			92 7	107 -0.12 58	95 0.11 27	97 -1 14	84 -1.2 32	98 -1.6 27	88 -23 24	82 -3.2 24	91 -11 10	95 -2.4 11	96 0.7 26	94 1.0 10	78 -3.8 26	94 -2 11	91 -6 11	88 -0.40 7	112 0.08 7	90 0.03 7
CS 260402	6020856891	CS 180020		101 48	95 34	116 34	96 17	95 25	91 24			100 10	97 0.78 59	104 -0.23 35	104 6 17	95 3.6 34	116 4.4 34	110 34 28	97 6.0 28	97 10 16	97 -1.3 18	99 -1.9 30	93 1.1 20	77 -4.0 31	94 -2 18	100 3 17	98 0.42 10	103 -0.28 9	96 0.26 9
CS 260403	6020856941	CS 230007		99 44	89 31	97 23	105 12	102 16				91 10	104 0.18 58	92 0.20 25	95 -3 12	89 0.9 31	97 -1.7 23	92 -14 22	88 0.8 22	90 -16 12	94 -2.5 13	107 -7.9 20	97 0.3 11	81 -1.9 26	97 0 13	91 -6 13	92 -0.07 10	103 -0.27 9	92 0.10 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		Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
		Sire ID Dam ID																										
CS 150002 82684754		SN 080954	95 72	96 51	125 67	96 20	111 40	105 37			104 12	99 0.60 73	93 0.18 70	104 6 20	96 3.8 51	125 7.3 67	118 55 46	96 5.5 28	104 37 15	107 3.7 15	107 -8.0 49	110 -2.0 30	70 -8.4 54	112 9 16	106 10 15	102 0.68 12	117 0.23 11	99 0.36 11
CS 150055 83915421		98-0105SC CS 120079	106 76	95 56	122 67	94 36	94 36	91 41	102 38	92 40	101 19	111 -0.49 77	95 0.11 75	106 8 36	95 3.4 56	122 6.3 67	114 44 53	93 3.5 42	97 12 36	104 2.2 39	94 1.8 46	96 0.6 27	76 -4.9 64	111 9 40	102 6 39	91 -0.14 20	142 1.14 18	107 0.63 17
CS 160014 83902387		SN 100074	87 69	108 49	115 64	83 22	103 42	96 37	113 22	99 34	112 12	84 1.98 71	98 -0.01 66	117 20 22	108 9.0 49	115 4.0 64	113 41 45	107 11.8 33	111 62 21	109 4.8 23	98 -1.3 53	105 -1.1 32	90 3.5 53	116 12 23	113 16 22	106 1.04 13	121 0.39 12	107 0.62 11
CS 160017 83902874		GN 110205	101 70	102 54	110 69	94 27	91 46	91 41	103 28	93 38	103 22	96 0.92 72	106 -0.32 68	106 8 27	102 6.3 54	110 2.4 69	109 30 50	99 7.0 38	102 31 28	105 2.7 29	99 -1.5 56	88 1.9 35	101 10.3 54	105 5 30	101 4 29	103 0.75 22	118 0.26 21	98 0.32 20
CS 160024 84556265	1	ELS 110014 SN 120147	98 75	104 64	110 74	105 33	143 53	141 47	100 34	137 44	102 18	93 1.15 77	104 -0.24 73	95 -3 33	104 7.2 64	110 2.4 74	115 46 57	107 11.6 52	103 32 32	95 -2.2 35	132 -26.8 63	139 -7.2 43	94 6.0 65	103 4 35	101 4 34	106 1.04 19	118 0.27 17	113 0.84 17
CS 160026 84556273		ELS 110015	94 68	87 47	116 62	97 13	113 16	97 28			102 8	104 0.15 71	85 0.47 65	103 5 13	87 0.3 47	116 4.3 62	105 20 41	89 1.1 24	100 22 13	108 4.0 14	112 -11.8 21	110 -1.9 12	82 -1.0 53	103 4 15	103 6 14	99 0.42 8	105 -0.18 7	91 0.08 7
CS 160036 84579309		SN 130168	97 66	87 45	83 61	111 27	100 36	90 35			83 10	102 0.33 70	91 0.24 61	89 -10 27	87 0.1 45	83 -6.5 61	78 -48 44	87 0.2 24	84 -39 18	83 -8.0 20	106 -7.1 49	95 0.7 22	86 1.5 52	89 -5 20	80 -16 20	82 -0.83 11	123 0.47 10	95 0.22 10
CS 160040 84599364		ELS 100019	112 68	100 47	146 60	86 11	114 28	112 30			117 8	105 0.08 72	112 -0.53 64	114 17 11	100 5.5 47	146 14.4 60	135 98 39	98 6.4 21	115 77 11	120 9.9 12	110 -10.0 47	114 -2.6 10	83 -0.7 54	117 13 12	119 23 11	113 1.53 8	109 -0.05 7	99 0.35 7
CS 160047 84599497		ELS 110004	90 70	82 51	92 68	110 11	123 42	103 36			81 8	98 0.66 72	86 0.45 67	90 -9 11	82 -1.9 51	92 -3.5 68	83 -36 43	79 -5.0 34	79 -54 11	86 -6.6 12	140 -32.9 53	104 -0.9 32	99 8.9 51	82 -10 12	79 -17 11	78 -1.16 8	100 -0.38 7	79 -0.32 7
CS 170002 85065985		SN 110126	89 69	92 49	103 67	102 17	78 43	74 37			91 10	101 0.43 72	81 0.61 66	98 0 17	92 2.0 49	103 0.1 67	98 3 44	93 3.6 24	90 -14 18	89 -5.0 20	76 15.8 55	86 2.4 31	88 2.4 53	96 -1 20	88 -9 20	89 -0.28 11	125 0.54 10	99 0.36 10
CS 170004 85066017		ELS 110014 AB 060239	105 75	108 60	136 71	83 35	127 49	124 45	115 26	125 41	119 14	86 1.86 77	126 -1.05 73	117 20 35	108 9.1 60	136 11.1 71	131 89 55	112 14.6 43	116 81 25	114 7.0 27	122 -18.9 59	124 -4.4 39	85 0.7 63	111 9 27	119 22 27	118 1.96 15	106 -0.17 13	105 0.56 13
CS 170005 85066090		CS 120079	102 70	84 40	109 59	96 7	100 36	83 30				106 -0.08 72	94 0.13 68	104 6 7	84 -1.0 40	109 2.1 59	96 -3 35	87 -0.2 12		82 10.9 49	112 -2.4 22	73 -6.8 50						

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values									Birth		Wean				Growth		Fertility				Frame		Carcass		
ID	% Inbreeding	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no	Sire ID	Dam ID																										
CS 170015			93	109	146	75	107	102			122	92	97	125	109	146	136	110	119	121	98	112	89	125	125	118	127	111
86957313		NP 110071	62	49	66	17	14	28			8	1.25	0.02	29	9.3	14.2	100	13.5	91	10.4	-0.9	-2.3	3.1	18	28	1.94	0.60	0.76
												60	64	17	49	66	44	22	16	18	18	11	49	19	18	8	7	7
CS 170025			82	107	108	103	109	113	94	110	94	80	97	97	107	108	114	105	92	98	119	100	93	94	92	92	108	86
86137973		CS 140007	63	42	56	20	38	33	22	31	20	2.42	0.04	-1	8.6	1.7	45	10.7	-9	-0.9	-17.1	-0.1	5.7	-2	-5	-0.10	-0.08	-0.11
												68	57	20	42	56	39	29	21	23	51	26	49	23	22	21	19	19
CS 170033			108	89	107	105	115	108	103	107	104	106	104	95	89	107	101	95	105	103	118	109	105	105	103	107	107	106
86138088	1	ELS 110014 PKT 120025	75	63	71	35	48	46	32	43	20	-0.01	-0.24	-4	1.1	1.5	11	5.0	42	1.5	-15.9	-1.8	12.8	5	6	1.07	-0.11	0.59
												78	72	35	63	71	56	48	31	34	60	37	64	34	33	21	19	19
CS 170036			100	93	99	119	122	123	96	119	96	97	103	81	93	99	102	100	98	95	125	113	106	99	95	102	101	106
86138112	1	ELS 110014 PKT 120141	74	71	75	39	55	51	33	47	21	0.82	-0.18	-18	2.7	-1.1	13	7.4	15	-2.0	-21.4	-2.6	13.4	1	-2	0.69	-0.33	0.59
												77	71	39	71	75	62	54	32	35	65	45	64	35	34	22	20	20
CS 170040			103	90	112	97	143	124			95	106	96	103	90	112	103	90	90	99	147	127	93	99	98	96	113	97
86138138		CS 140037	68	49	66	9	42	35			14	-0.06	0.07	5	1.2	3.2	16	1.7	-17	-0.3	-38.3	-5.1	5.7	1	1	0.26	0.11	0.29
												71	65	9	49	66	41	32	17	19	52	33	53	20	19	15	14	13
CS 170041			96	100	109	97	116	110	101	109	103	94	100	103	100	109	107	102	104	95	108	117	102	103	101	104	119	113
86138153	1	ELS 110014 SN 110192	74	64	74	35	52	47	33	44	19	1.09	-0.10	5	5.6	2.0	27	9.0	37	-2.4	-8.2	-3.3	11.1	4	4	0.85	0.33	0.84
												76	71	35	64	74	58	48	32	35	62	42	64	35	34	20	18	18
CS 170052			103	104	117	98	107	111	101	110	104	95	111	102	104	117	118	105	99	98	110	103	106	96	102	99	117	108
86614542	1	ELS 110014 NP 130018	75	66	73	31	49	46	32	43	21	0.97	-0.48	4	7.3	4.6	53	10.9	18	-0.8	-10.2	-0.8	13.5	-1	6	0.48	0.23	0.64
												78	72	31	66	73	57	52	31	34	61	37	65	35	33	22	20	19
CS 170064			106	107	111	89	100	101	116	104	115	110	96	111	107	111	112	108	116	114	85	111	108	125	117	114	126	114
86575412	1	SN 130169 JK 100060	70	65	69	25	45	43	24	39	16	-0.43	0.05	13	8.6	2.8	38	12.7	80	7.2	8.7	-2.1	14.4	18	20	1.65	0.57	0.87
												73	65	25	65	69	53	35	23	24	55	35	55	25	24	17	16	16
CS 170065			96	100	118	99	133	127	99	123	102	92	103	101	100	118	117	106	99	102	133	124	108	99	101	107	94	104
86553310	1	ELS 110014 JK 100002	73	70	70	31	52	48	32	45	20	1.27	-0.18	3	5.5	5.1	51	11.1	19	1.0	-27.4	-4.6	14.8	1	5	1.07	-0.59	0.52
												76	70	31	70	70	57	49	30	33	62	43	63	34	32	22	19	19
CS 170069			102	91	121	93	112	100			102	106	94	107	91	121	111	93	100	108	107	112	93	103	102	99	105	91
86575677		ELS 110016	66	42	56	14	30	30			8	-0.04	0.13	9	2.0	6.2	37	3.6	21	3.9	-7.8	-2.4	5.3	4	6	0.45	-0.17	0.09
												70	61	14	42	56	37	18	13	14	47	13	50	15	14	8	7	7
CS 170076			108	88	116	95	82	75			92	111	98	105	88	116	105	92	91	99	82	87	96	94	92	89	103	86
86575693		ELS 120001	66	46	62	19	33	33			8	-0.50	0.01	7	0.8	4.6	22	3.0	-13	-0.4	11.4	2.1	7.5	-2	-5	-0.29	-0.27	-0.10
												70	61	19	46	62	42	28	13	14	51	15	48	15	14	8	7	7
CS 170080			105	99	120	88	102	96			109	105	100	112	99	120	113	98	107	109	105	99	106	113	111	106	120	103
86553369		SN 130169 CS 120056	70	53	68	17	22	32			8	0.06	-0.09	14	5.2	5.7	42	6.5	46	4.5	-6.3	0.0	13.3	10	14	1.03	0.34	0.47
												73	67	17	53	68	46	32	13	14	30	13	54	15	14	9	8	8

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal			Selection Values										Birth		Wean				Growth		Fertility				Frame		Carcass		
ID	% Inbreeding	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no																													
EK 170046 85545887	1	CIS 100006 EK 140165		71 72	80 67	111 59	123 45	90 32	85 43	82 34	82 41	79 28	87 1.78 76	68 1.10 67	77 -22 45	80 -2.8 67	111 2.6 59	105 19 57	87 -0.2 60	83 -39 32	85 -6.9 36	93 2.5 32	90 1.6 32	89 3.0 62	78 -13 36	79 -18 35	76 -1.35 29	110 -0.02 26	79 -0.34 26
CIS 180059 87539078	4	CIS 130006 CIS 120023		97 69	80 66	72 60	130 32	62 36	66 41	72 30	63 39	68 19	106 -0.06 73	86 0.42 64	70 -30 32	80 -2.8 66	72 -10.2 60	66 -79 53	80 -4.4 58	75 -71 29	68 -15.3 31	86 8.3 40	56 7.8 32	104 12.0 57	69 -18 32	66 -30 31	70 -1.83 20	83 -0.97 18	84 -0.17 18
CS 180012 87079539	7	ELS 110014 CS 130005		103 73	109 69	112 71	95 32	131 52	131 48	108 30	129 44	110 17	96 0.91 76	109 -0.40 70	105 7 32	109 9.3 69	112 3.2 71	116 49 57	110 13.5 47	109 56 29	102 1.0 31	126 -22.5 60	126 -4.8 43	100 10.0 62	107 6 32	109 12 31	113 1.52 18	115 0.17 16	112 0.78 16
CS 180016 87355566		CS 140035		106 67	91 62	99 57	93 6	109 38	93 36				90 1.41 72	120 -0.82 61	107 9 6	91 1.8 62	99 -1.2 57	91 -16 42	91 2.5 18		114 -12.8 44	103 -0.7 31	88 2.4 45						
CS 180019 87356242		ELS 110014 CS 140041		99 72	98 67	116 70	101 30	136 49	129 46	100 28	125 42	103 16	94 1.08 75	105 -0.27 69	99 1 30	98 4.7 67	116 4.5 70	114 45 56	102 8.8 50	101 24 27	98 -0.6 29	130 -25.1 59	130 -5.5 39	100 9.5 60	95 -1 29	100 4 29	103 0.75 17	103 -0.28 16	94 0.17 16
CS 180020 87301123	3	ELS 110014 SN 120150		98 73	104 68	117 67	99 34	81 50	91 47	98 34	91 44	104 19	87 1.74 76	113 -0.57 69	101 3 34	104 7.5 68	117 4.9 67	120 58 56	105 10.9 56	100 20 33	94 -2.5 35	88 6.8 59	82 3.1 40	97 7.7 62	92 -4 36	104 7 35	104 0.84 20	95 -0.56 18	104 0.52 18
CS 180023 87723250	2	GN 140156 NP 140094		99 72	94 62	83 69	111 28	86 40	86 42	86 24	84 38	85 18	105 0.07 76	91 0.23 68	89 -10 28	94 3.0 62	83 -6.7 69	83 -36 53	91 2.2 45	81 -50 23	91 -3.9 26	76 15.4 49	96 0.5 30	103 11.8 60	85 -8 26	84 -12 25	78 -1.15 19	112 0.07 17	97 0.28 17
CS 180026 87723284	1	ELS 110014 PKT 120141		96 74	104 70	121 71	102 35	136 54	136 49	109 33	134 46	110 21	91 1.39 77	105 -0.28 70	98 -1 35	104 7.5 70	121 6.0 71	124 70 59	112 14.5 54	111 63 32	108 4.1 35	128 -23.8 63	131 -5.8 44	104 12.1 63	112 9 35	110 13 34	115 1.68 22	105 -0.21 20	113 0.83 20
CS 180030 87748182	5	ELS 110014 CS 130006		106 72	80 68	106 65	125 36	107 54	106 48	79 32	101 45	83 17	106 -0.02 75	102 -0.14 69	75 -24 36	80 -2.8 68	106 1.1 65	101 10 56	86 -0.7 52	84 -38 31	76 -11.4 34	126 -22.0 64	91 1.4 43	105 12.8 63	78 -12 35	82 -15 34	87 -0.51 18	82 -1.02 16	93 0.15 16
CS 180032 89480362	2	GN 140156 CS 150004		116 72	83 67	73 65	112 26	135 48	117 44	86 20	112 39	84 12	124 -1.75 75	93 0.16 67	88 -11 26	83 -1.5 67	73 -9.9 65	66 -81 53	86 -0.6 46	84 -36 18	89 -5.0 21	118 -16.1 58	139 -7.2 39	96 7.1 58	89 -5 21	84 -13 20	83 -0.76 12	107 -0.11 11	97 0.28 11
CS 180036 88172267		JK 100005		108 66	77 60	97 55	107 12	97 40	81 37			82 10	109 -0.34 71	101 -0.10 60	93 -6 12	77 -4.1 60	97 -1.9 55	83 -36 42	82 -2.9 33	80 -53 12	80 -9.3 13	111 -10.6 49	88 2.0 32	88 2.6 46	79 -12 13	80 -17 13	79 -1.11 10	103 -0.25 9	78 -0.36 9
CS 180042 88172325		ELS 110014 CS 140034		104 70	97 56	123 64	97 30	136 42	127 41	107 28	126 38	110 16	99 0.59 74	106 -0.31 65	103 5 30	97 4.3 56	123 6.8 64	118 55 50	101 8.3 44	108 51 27	106 2.9 30	127 -23.0 50	132 -5.9 35	95 6.6 60	108 7 30	111 14 29	112 1.47 17	105 -0.19 15	107 0.62 15

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values									Birth		Wean				Growth		Fertility				Frame		Carcass		
ID	% Inbreeding	Index EBV Acc		Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no		Sire ID	Dam ID																										
CS 180044	2	GN 140156	CS 150003	113	93	78	108	112	106			89	108	109	92	93	78	78	95	88	95	104	114	102	94	89	88	102	94
				72	67	66	30	46	45			12	-0.26	-0.40	-7	2.7	-8.1	-50	4.6	-23	-2.0	-5.7	-2.6	10.7	-2	-7	-0.38	-0.31	0.19
													75	67	30	67	66	54	48	17	19	58	35	57	19	19	12	11	11
CS 180045	1	ELS 110014	RO 130010	97	102	93	109	103	107	95	105	97	89	108	91	102	93	98	103	96	87	85	115	98	86	93	98	98	100
				73	71	73	32	50	48	32	45	20	1.57	-0.37	-8	6.4	-3.4	4	9.2	8	-5.9	8.7	-2.9	8.7	-7	-4	0.39	-0.44	0.40
													76	69	32	71	73	59	54	31	34	59	40	62	35	34	21	19	19
CS 180046		NP 140078		78	93	107	98	81	73	91	73	93	89	78	102	93	107	101	91	88	94	98	74	97	91	91	84	123	97
				64	59	50	14	39	36	20	33	15	1.57	0.71	4	2.8	1.3	11	2.5	-22	-2.6	-1.0	4.5	8.0	-4	-5	-0.68	0.45	0.28
													69	57	14	59	50	41	42	19	21	49	29	48	21	20	16	14	14
CS 180047		CS 140015	CS 110067	96	74	90	110	97	77			71	96	99	90	74	90	75	82	72	78	117	84	102	74	69	70	105	75
				70	65	66	19	40	40			16	0.92	-0.04	-9	-5.3	-4.1	-56	-2.9	-83	-10.3	-15.3	2.7	10.8	-15	-27	-1.76	-0.20	-0.47
													73	65	19	65	66	50	44	18	20	55	26	54	21	20	16	15	14
CS 180056	2	GN 140156	CS 150007	98	104	103	105	106	111			101	96	101	95	104	103	109	104	100	107	78	124	99	106	103	101	103	101
				71	66	66	30	48	45			12	0.87	-0.12	-3	7.4	0.3	31	10.3	23	3.8	13.7	-4.5	8.9	6	6	0.64	-0.26	0.42
													74	67	30	66	66	54	40	18	20	58	37	58	20	19	13	12	12
CS 180057	1	ELS 110014	SN 120164	93	126	111	88	119	130	121	131	123	86	105	112	126	111	124	123	122	111	106	123	97	119	121	123	125	123
				72	70	70	34	52	48	33	45	18	1.80	-0.27	15	16.5	2.7	69	21.3	104	5.6	-7.2	-4.3	8.1	14	24	2.34	0.51	1.16
													76	68	34	70	70	58	46	32	35	61	43	63	35	34	19	17	17
CS 180065		ELS 110014	CS 140013	88	105	128	95	121	119	107	118	111	79	106	105	105	128	127	107	108	106	124	113	96	103	110	111	103	101
				72	64	60	28	49	44	26	40	14	2.47	-0.32	8	7.7	8.4	78	11.8	51	3.1	-20.5	-2.4	7.6	4	13	1.37	-0.25	0.41
													76	68	28	64	60	51	48	25	27	59	39	60	27	27	15	13	13
CS 180069	1	ELS 110014	CS 160002	96	100	122	101	119	118	102	116	104	88	109	99	100	122	122	106	103	100	128	106	97	99	103	105	103	97
				70	66	63	30	51	46	28	42	17	1.67	-0.40	1	5.6	6.5	64	11.0	31	0.4	-24.1	-1.3	8.0	1	7	0.93	-0.27	0.29
													74	66	30	66	63	53	51	27	29	60	42	60	30	29	18	16	16
CS 180070	7	CS 140015	ELS 140015	94	99	86	105	123	116	94	113	90	93	98	95	99	86	89	101	93	100	131	111	100	93	89	89	110	89
				70	65	51	25	44	42	25	39	20	1.19	-0.02	-3	5.4	-5.4	-20	8.5	-5	0.1	-26.0	-2.2	9.5	-2	-8	-0.29	-0.02	0.00
													75	63	25	65	51	47	48	24	27	57	30	56	27	26	21	19	19
CS 180072	1	ELS 110014	AB 090067	104	87	112	109	109	104	95	102	97	102	103	91	87	112	106	91	97	95	107	108	99	101	99	103	104	107
				73	68	63	36	53	48	35	45	20	0.29	-0.18	-8	0.0	3.1	23	2.2	10	-2.4	-7.5	-1.6	9.1	2	2	0.74	-0.23	0.62
													76	69	36	68	63	56	54	34	36	62	44	64	37	36	21	20	19
CS 180075	1	CS 140015	ELS 110015	96	100	91	102	147	134	95	129	94	95	100	98	100	91	93	104	94	102	140	139	102	96	94	93	105	87
				74	69	70	23	43	43	24	39	17	1.03	-0.07	0	5.8	-4.0	-11	10.0	0	1.4	-32.6	-7.1	11.1	-1	-3	0.02	-0.21	-0.06
													77	69	23	69	70	54	50	23	25	54	32	58	25	25	18	16	16
NP 180040	4	GN 140011	NP 110074	98	96	119	91	97	90	105	92	103	102	94	109	96	119	112	100	104	98	103	94	95	107	104	99	112	97
				74	60	66	26	36	40	26	37	17	0.31	0.14	12	4.1	5.6	39	7.8	37	-0.6	-4.5	0.9	6.5	6	7	0.43	0.05	0.28
													77	69	26	60	66	51	52	25	27	47	26	62	28	27	18	16	16

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values											Birth		Wean				Growth		Fertility				Frame		Carcass		
ID	% Inbreeding	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no																														
WD 180013	2	GN 130884	WD 170009		82	111	104	102	98	106	110	107	109	88	87	98	111	104	114	114	113	110	94	101	96	107	103	101	120	108
88122833					68	66	62	24	20	35	25	33	20	1.69	0.41	0	10.4	0.5	43	16.0	68	5.0	2.1	-0.4	7.6	7	6	0.63	0.34	0.67
														72	63	24	66	62	51	56	24	26	23	16	56	27	26	21	19	18
CS 190003	1	ELS 110014	GN 130859		105	101	101	106	113	115	95	112	100	96	112	94	101	101	104	101	97	95	117	107	98	89	98	98	105	102
88717160					74	61	67	35	43	44	35	42	21	0.89	-0.51	-4	5.9	-0.6	18	8.0	9	-2.3	-15.7	-1.4	8.8	-5	1	0.38	-0.20	0.47
														77	69	35	61	67	54	48	34	36	50	36	63	37	36	22	20	20
CS 190007	1	ELS 110014	SN 110191		101	113	117	99	128	136	106	133	108	89	114	101	113	117	125	114	108	100	121	125	100	106	106	110	119	113
88715800					73	70	68	32	52	48	32	45	18	1.53	-0.60	3	11.1	4.8	73	16.0	51	0.1	-18.4	-4.6	9.5	6	9	1.34	0.33	0.83
														76	70	32	70	68	57	54	31	34	60	43	62	34	33	18	17	16
CS 190010	1	ELS 110014	ELS 110012		114	99	134	99	150	146	101	141	104	99	122	101	99	134	131	102	103	104	149	137	108	99	104	106	96	97
88715834					74	71	74	34	50	48	29	44	16	0.58	-0.88	3	5.1	10.5	87	9.1	34	2.4	-39.4	-6.8	14.4	1	8	0.97	-0.53	0.29
														76	71	34	71	74	60	56	28	31	59	41	62	31	30	17	15	15
CS 190012	1	ELS 110014	SN 100154		98	98	105	105	121	118	96	115	97	95	102	95	98	105	106	103	97	93	127	112	98	97	96	100	104	100
88715933					72	70	71	33	50	47	30	44	18	1.03	-0.17	-3	5.0	0.6	22	9.2	10	-3.0	-22.8	-2.2	8.3	0	-1	0.50	-0.22	0.39
														75	69	33	70	71	58	54	29	31	59	41	63	32	31	19	18	17
CS 190023	2	GN 140156	CS 140042		108	89	85	117	104	102			81	110	99	83	89	85	84	93	80	87	95	109	99	85	82	81	93	92
88715420					68	63	61	26	38	40			12	-0.44	-0.05	-16	0.8	-5.7	-34	3.8	-52	-5.9	1.6	-1.8	9.0	-8	-15	-0.93	-0.61	0.11
														73	62	26	63	61	50	48	18	20	45	31	57	20	20	12	11	11
CS 190025	4	GN 140156	CS 140007		98	106	85	114	114	122	93	118	91	96	101	86	106	85	96	106	89	98	96	123	99	92	90	92	99	91
88715446					72	68	66	32	44	45	27	41	22	0.88	-0.13	-13	8.2	-5.9	-2	11.0	-17	-0.6	0.6	-4.3	9.2	-3	-7	-0.12	-0.41	0.07
														76	68	32	68	66	55	51	26	29	50	39	60	29	28	23	21	21
CS 190032		CS 140015	CS 100015		94	95	103	101	115	106			92	88	106	99	95	103	100	99	92	97	118	108	101	94	92	91	110	86
88715495					67	53	59	24	28	34			16	1.69	-0.29	1	3.6	0.1	8	7.2	-9	-1.0	-16.1	-1.7	10.1	-2	-5	-0.20	-0.01	-0.09
														71	62	24	53	59	45	38	18	20	39	18	50	21	20	16	15	14
CS 190038		ELS 110014	CS 140035		87	104	135	94	150	142	105	138	108	74	112	106	104	135	133	112	106	104	149	137	95	101	107	108	103	99
89185037					73	69	70	28	49	46	26	42	14	2.95	-0.52	9	7.3	10.7	91	14.9	42	2.1	-39.4	-6.9	6.7	3	11	1.16	-0.27	0.36
														76	69	28	69	70	56	52	25	27	60	38	60	27	27	15	13	13
CS 190040	4	GN 150237	CS 140029		108	98	86	103	73	78	90	78	92	109	101	97	98	86	88	86	90	90	86	71	93	92	91	88	119	102
89254437					68	65	63	26	48	43	26	40	16	-0.29	-0.13	-2	5.0	-5.4	-23	-0.3	-16	-4.7	7.9	5.0	5.7	-4	-6	-0.40	0.31	0.46
														72	63	26	65	63	51	48	25	27	58	37	58	27	27	16	15	15
CS 190044	3	GN 140156	CS 160024		108	90	91	122	112	115	80	109	79	105	107	78	90	91	92	98	80	82	101	116	102	82	78	83	100	97
89195994					69	68	66	29	50	46	24	42	14	0.09	-0.33	-22	1.5	-3.9	-12	6.3	-52	-8.3	-3.4	-3.1	11.0	-10	-18	-0.82	-0.37	0.27
														74	63	29	68	66	54	52	22	25	62	39	60	25	24	14	13	13
CS 190045	3	GN 140156	SN 100063		100	109	84	107	101	110	99	109	99	98	102	93	109	84	95	102	99	101	84	113	91	103	98	102	110	107
89195937					71	68	65	31	48	46	26	42	16	0.71	-0.16	-5	9.7	-6.1	-4	8.7	17	0.9	9.7	-2.6	4.2	4	2	0.66	0.01	0.62
														75	66	31	68	65	55	50	25	28	60	36	60	28	27	16	15	15

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values									Birth		Wean				Growth		Fertility				Frame		Carcass		
ID	% Inbreeding	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no		Sire ID Dam ID																										
CS 190047		ELS 110014	94	95	118	102	112	108	95	106	98	92	101	98	95	118	115	103	96	95	120	102	93	92	96	99	100	94
89196000		CS 140021	69	67	67	29	50	45	26	41	14	1.30	-0.11	-1	3.7	5.2	47	9.3	7	-2.4	-18.0	-0.6	5.8	-4	0	0.44	-0.36	0.18
												73	63	29	67	67	54	50	25	27	60	39	58	27	27	15	13	13
CS 190051	3	GN 150237	93	105	80	109	92	99	85	95	88	92	98	91	105	80	89	96	86	86	86	99	96	87	86	84	121	101
89195960		SN 110120	71	69	66	27	46	44	28	41	16	1.28	-0.02	-8	7.9	-7.5	-20	5.6	-30	-6.5	8.2	0.0	7.3	-6	-11	-0.72	0.38	0.41
												75	66	27	69	66	54	50	27	29	57	36	60	30	29	17	15	15
CS 190052	5	GN 150237	97	103	88	104	81	86	99	87	100	95	101	96	103	88	93	95	100	99	75	91	96	100	100	96	113	103
89542484		CS 140012	70	67	64	31	48	45	29	42	20	1.02	-0.11	-2	6.8	-4.9	-10	4.9	21	0.0	16.7	1.5	7.2	2	3	0.22	0.08	0.49
												74	64	31	67	64	54	51	28	30	58	38	58	30	30	20	19	18
CS 190054		419V	100	106	119	87	123	117	111	117	109	87	115	113	106	119	120	105	106	118	130	111	90	113	109	105	103	94
89261689		CS 160014	66	62	60	11	40	37	24	34	20	1.70	-0.62	16	8.2	5.5	58	10.7	46	8.7	-24.9	-2.2	3.5	10	12	0.96	-0.25	0.19
												72	59	11	62	60	44	40	22	25	52	27	51	26	25	21	18	18
CS 190055		419V	92	105	121	88	109	105	106	105	106	86	104	112	105	121	124	110	103	114	112	105	91	110	104	103	108	96
89481303		CS 160018	66	63	61	11	43	38	23	35	20	1.80	-0.21	15	7.7	5.9	70	13.4	33	6.8	-11.6	-1.0	4.1	8	8	0.75	-0.08	0.25
												72	59	11	63	61	45	43	21	25	53	33	51	26	24	21	18	18
CS 190060	4	GN 150237	100	108	106	96	80	90	98	90	101	94	107	104	108	106	111	102	98	99	81	85	101	98	103	95	103	99
89422612		NP 110074	71	69	66	26	46	44	27	41	16	1.12	-0.33	6	9.0	1.2	36	9.0	15	-0.3	11.9	2.5	10.2	0	7	0.13	-0.26	0.37
												75	66	26	69	66	54	53	26	29	59	33	60	29	28	17	16	15
CS 190063	1	419V	111	95	107	109	105	109	95	107	93	104	112	91	95	107	110	93	93	106	120	93	95	97	91	94	89	85
91515049		CS 130008	64	52	59	18	38	35	28	34	22	0.17	-0.53	-8	3.6	1.5	34	3.7	-5	3.3	-17.7	1.0	7.0	0	-5	0.05	-0.77	-0.14
												71	56	18	52	59	43	32	26	29	49	26	52	30	29	24	21	20
CS 190069	1	GN 140156	113	104	117	104	92	106			101	103	116	96	104	117	121	105	99	108	84	100	107	102	102	100	100	97
89422604		CS 160055	68	68	66	26	46	44			10	0.22	-0.67	-2	7.4	4.7	62	10.6	17	4.3	9.6	-0.2	14.1	3	5	0.50	-0.39	0.29
												74	61	26	68	66	53	47	17	19	59	34	55	19	18	11	10	10
CS 190072	1	CS 140015	96	72	88	119	85	72	63	66	60	94	100	81	72	88	73	78	58	67	104	76	103	62	57	54	115	77
89422653		NP 140006	71	69	63	23	46	44	26	40	22	1.04	-0.09	-18	-6.3	-4.9	-61	-5.4	-131	-15.6	-5.8	4.2	11.3	-23	-40	-3.06	0.18	-0.41
												76	64	23	69	63	52	51	25	28	56	35	58	29	28	23	20	20
CS 190076	2	GN 150237	103	100	99	102	94	96	92	95	95	99	104	98	100	99	101	92	92	98	95	95	99	96	97	91	110	100
89480503		CS 150030	68	65	63	25	46	43	24	39	14	0.56	-0.23	0	5.5	-1.1	10	2.9	-7	-1.0	0.9	0.7	9.3	-1	0	-0.13	-0.01	0.37
												73	62	25	65	63	51	49	23	25	58	35	56	25	25	15	14	14
CS 190078	3	GN 150237	97	98	94	107	91	93	86	90	89	102	91	93	98	94	96	87	86	91	75	105	98	85	88	87	106	97
89480487		CS 150006	70	67	65	25	44	43	25	39	16	0.31	0.25	-5	4.8	-2.8	-2	0.0	-29	-4.2	16.5	-1.1	8.3	-8	-9	-0.51	-0.16	0.30
												75	64	25	67	65	52	50	24	26	58	30	57	26	25	16	15	14
CS 190081	3	GN 150237	105	89	78	122	94	97	73	92	77	107	99	78	89	78	79	84	77	76	100	92	94	75	78	74	89	91
89472682		CS 130006	70	67	61	29	49	45	29	42	16	-0.13	-0.04	-22	1.1	-8.1	-47	-1.9	-65	-11.4	-2.2	1.3	6.1	-14	-19	-1.45	-0.76	0.06
												74	65	29	67	61	52	51	27	30	60	38	59	31	30	16	15	15

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal				Selection Values									Birth		Wean				Growth		Fertility				Frame		Carcass					
ID	% Inbreeding	Index EBV Acc		Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
Animal no																																
CS 190082	3	GN	150237	CS	130001	86	114	94	100	66	81	97	82	99	81	101	100	114	94	105	104	97	98	62	78	100	100	100	96	113	102	
89472690								68	66	60	27	46	43	26	40	16	2.34	-0.13	2	11.4	-2.8	22	10.0	9	-0.6	25.9	3.7	9.7	2	3	0.20	0.09
															73	62	27	66	60	51	50	25	27	59	32	58	27	26	17	16	15	
CS 190086	1	GN	150237	CS	150011	118	89	89	104	96	90	88	88	92	114	110	96	89	89	84	82	88	95	99	95	93	86	91	87	98	92	
89472724								66	55	61	25	36	37	24	34	15	-0.77	-0.45	-3	1.0	-4.5	-34	-3.0	-21	-2.2	-1.5	0.8	5.3	-7	-5	-0.48	-0.46
															72	58	25	55	61	47	40	23	24	45	27	54	25	24	16	14	14	
CS 190094	3	GN	140156	CS	160042	107	93	95	114	116	116	92	112	92	106	103	86	93	95	96	97	91	96	105	119	104	95	93	95	97	102	
89472567								71	59	64	30	48	43	24	39	14	-0.04	-0.19	-13	2.8	-2.4	-1	5.6	-10	-1.7	-6.0	-3.7	12.5	-1	-3	0.18	-0.47
															75	65	30	59	64	51	46	23	25	58	39	60	25	25	15	14	13	
CS 190096	1	GN	140156	CS	150023	104	86	83	121	121	115			75	108	95	79	86	83	80	86	74	84	111	122	103	77	74	74	93	83	
89466502								69	68	66	29	45	44			10	-0.24	0.09	-20	-0.4	-6.4	-42	-0.4	-73	-7.7	-10.8	-4.1	11.7	-13	-22	-1.45	-0.63
															74	62	29	68	66	54	46	17	18	57	33	56	18	18	11	10	10	
CS 190098		ELS	110014		CS	120073	98	100	119	97	133	127	99	124	103	90	109	103	100	119	118	104	100	99	134	124	89	96	101	103	101	97
89833420							69	67	69	28	48	45	26	41	14	1.45	-0.40	5	5.8	5.5	53	10.1	23	-0.3	-28.3	-4.4	3.3	-1	5	0.78	-0.32	0.27
															72	66	28	67	69	55	47	25	27	56	39	58	27	27	15	13	13	
CS 190104	4	GN	150237	PKT	120099	102	106	97	107	139	140	101	136	101	99	104	93	106	97	105	98	103	102	111	153	102	107	102	99	123	112	
89889190								71	70	69	32	48	46	30	43	20	0.60	-0.23	-6	8.1	-2.0	20	6.4	34	1.2	-10.6	-9.7	10.9	7	6	0.46	0.46
															75	65	32	70	69	57	46	29	31	59	38	59	31	31	21	19	19	
CS 190107		CS	140015		CS	150044	101	85	93	114	97	92		81	98	104	86	85	93	88	89	80	86	102	94	94	82	79	80	107	80	
89833487							66	64	58	26	40	41		16	0.71	-0.24	-13	-0.8	-3.1	-24	1.3	-52	-6.4	-3.9	0.9	6.4	-10	-18	-1.05	-0.11	-0.30	
															72	58	26	64	58	49	38	18	20	54	27	53	21	20	16	15	14	
CS 190119	6	CS	140015		CS	140006	107	85	82	110	128	112	84	107	80	103	107	90	85	82	76	87	84	87	123	124	104	93	80	83	112	94
89845390								70	68	68	31	46	45	29	42	22	0.26	-0.35	-9	-0.7	-6.8	-55	-0.2	-37	-5.9	-19.6	-4.6	12.3	-3	-17	-0.75	0.05
															74	64	31	68	68	56	50	28	30	57	35	57	31	30	23	21	21	
NP 190019	8	AB	130034		NP	120085	95	86	74	118	81	78	78	75	81	105	86	82	86	74	71	75	78	85	95	76	108	82	87	81	102	94
89040497								69	62	66	31	40	42	46	43	34	0.08	0.43	-18	-0.4	-9.4	-68	-7.1	-61	-7.3	1.0	4.2	14.5	-10	-9	-0.97	-0.31
															70	68	31	62	66	53	54	44	47	48	31	62	48	47	35	32	31	
CS 200009	8	GN	140156		CS	170003	108	102	87	113	79	94	88	91	86	101	111	87	102	87	95	101	84	93	69	92	115	88	86	82	104	96
90197302								68	67	61	26	48	44	20	39	12	0.38	-0.47	-12	6.5	-5.1	-5	8.6	-38	-3.0	20.8	1.2	18.8	-6	-11	-0.84	-0.22
															73	62	26	67	61	51	48	19	21	60	36	58	21	21	13	12	12	
CS 200013		GN	140156		CS	170005	105	91	92	108	96	93		89	104	102	92	91	92	90	94	86	95	76	112	93	90	88	87	100	91	
90197310							68	62	51	24	42	40		10	0.16	-0.15	-7	2.0	-3.5	-19	3.9	-29	-2.2	15.4	-2.3	5.7	-5	-8	-0.45	-0.39	0.07	
															73	61	24	62	51	46	38	16	17	57	27	54	18	17	10	10	9	
CS 200019	1	ELS	110014		SN	080954	107	87	120	108	132	124	92	119	92	102	108	92	87	120	113	93	93	90	139	118	94	93	91	95	103	98
90575952								70	68	66	32	50	46	30	43	18	0.33	-0.39	-7	0.1	5.7	42	3.5	-5	-4.9	-31.8	-3.4	6.3	-3	-5	0.15	-0.26
															73	65	32	68	66	55	44	29	31	60	39	62	32	31	19	18	17	

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth		Wean				Growth		Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Index EBV Acc		Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
		Sire ID	Dam ID																											
CS 200022 90631060	2	GN	140156	100	97	92	109	93	96			90	99	100	91	97	92	94	98	89	94	76	107	100	93	89	90	108	99	
		CS	170002	68	64	59	26	46	42			12	0.59	-0.07	-8	4.3	-3.6	-8	6.7	-20	-2.7	15.8	-1.5	9.5	-2	-8	-0.25	-0.08	0.34	
													73	61	26	64	59	50	40	18	20	58	33	55	20	20	12	11	11	
CS 200024 90575994	1	CS	150043	97	97	125	95	110	104	97	103	97	94	101	105	97	125	119	97	96	97	97	116	97	103	96	97	120	102	
		NP	110071	66	63	50	23	35	38	22	35	12	1.04	-0.11	7	4.2	7.4	57	6.0	5	-1.1	0.1	-3.1	8.2	4	0	0.29	0.36	0.45	
													71	59	23	63	50	45	29	21	23	48	22	54	24	23	13	12	12	
CS 200025 90781816		SS	160016	112	90	119	104	94	95			96	110	105	96	90	119	113	90	93	95	98	92	99	92	98	90	98	96	
		CS	140013	66	56	61	23	32	36			10	-0.43	-0.26	-3	1.5	5.5	42	1.7	-5	-2.4	-1.0	1.2	9.4	-3	1	-0.20	-0.45	0.25	
													71	59	23	56	61	47	40	16	17	45	20	53	18	17	11	10	9	
CS 200037 90847294	3	CS	140015	105	98	104	101	138	129	95	124	91	97	111	99	98	104	103	100	94	93	134	129	99	99	90	92	127	100	
		SN	110191	68	68	64	25	44	43	27	40	19	0.77	-0.47	1	4.7	0.5	16	7.6	-1	-3.1	-28.6	-5.4	9.1	1	-7	-0.06	0.59	0.38	
													73	61	25	68	64	52	48	26	29	56	31	57	29	28	20	18	18	
CS 200039 90847310		ELS	110014	103	76	104	115	107	95	78	91	80	104	98	85	76	104	92	83	79	77	131	88	99	78	77	82	98	87	
		CS	140010	68	66	66	29	49	45	27	41	16	0.12	-0.02	-14	-4.3	0.6	-11	-2.6	-55	-10.8	-25.9	2.0	8.9	-13	-20	-0.88	-0.46	-0.05	
													72	63	29	66	66	54	52	26	28	59	39	58	29	28	16	15	14	
CS 200043 90934258	3	SS	160016	108	86	86	124	88	93	70	87	72	114	94	76	86	86	85	87	72	69	84	94	91	74	71	70	107	95	
		SN	120154	69	68	63	27	41	43	25	39	14	-0.80	0.13	-24	-0.1	-5.4	-30	-0.1	-81	-14.9	9.9	0.9	4.5	-15	-26	-1.82	-0.14	0.22	
													75	61	27	68	63	53	50	24	26	55	27	58	27	26	15	14	13	
CS 200044 90934266	3	SS	160016	95	84	72	126	96	93	68	86	69	108	81	74	84	72	68	82	70	67	94	98	98	72	69	68	106	94	
		SN	110120	71	68	64	27	42	43	25	39	14	-0.22	0.60	-26	-1.0	-10.3	-73	-2.9	-88	-15.7	1.8	0.2	8.3	-16	-28	-1.98	-0.16	0.18	
													75	65	27	68	64	53	51	24	26	56	28	58	27	26	15	14	13	
CS 200061 91153544	3	CS	150043	96	87	107	116	110	107	81	102	79	102	91	84	87	107	104	88	80	85	123	98	92	84	76	81	104	82	
		CS	140007	65	60	44	26	40	39	26	36	22	0.35	0.24	-15	0.1	1.5	18	0.9	-53	-7.1	-19.8	0.2	5.2	-9	-20	-0.95	-0.21	-0.22	
													72	56	26	60	44	43	40	25	27	52	27	54	27	26	23	21	21	
CS 200071 91323063	7	CS	140015	98	90	70	96	109	87	82	84	78	93	105	104	90	70	65	92	80	80	117	100	97	76	75	77	105	80	
		CS	140025	67	54	61	36	32	38	28	36	22	1.13	-0.27	6	1.4	-10.7	-81	2.7	-53	-9.5	-15.6	-0.2	7.9	-14	-22	-1.27	-0.20	-0.28	
													72	60	36	54	61	50	40	27	29	40	23	56	29	28	23	21	21	
CS 200077 91323055	7	CS	140015	100	90	78	113	113	104	83	100	78	97	103	87	90	78	76	89	81	88	121	103	103	82	76	78	106	82	
		ELS	140020	68	57	62	25	34	37	25	35	20	0.75	-0.20	-11	1.2	-8.2	-54	1.5	-47	-5.7	-18.8	-0.8	11.5	-10	-21	-1.17	-0.14	-0.22	
													74	60	25	57	62	48	40	24	26	43	26	56	27	26	21	19	19	
CS 200083 91352344		GN	140156	103	102	114	100	96	102			99	95	110	100	102	114	116	105	96	104	83	106	95	99	99	98	102	97	
		CS	170006	66	64	63	24	42	41			10	0.96	-0.47	2	6.6	3.9	48	10.4	7	2.3	10.6	-1.3	6.6	1	3	0.35	-0.29	0.27	
													72	59	24	64	63	50	48	16	17	54	30	54	18	17	10	10	9	
CS 200087 91322990	2	SS	160016	87	105	112	110	84	98	90	96	91	85	98	90	105	112	120	104	91	89	100	77	104	94	94	89	100	101	
		CS	130001	68	68	65	27	42	43	22	39	14	1.92	0.01	-8	7.8	3.1	59	10.1	-12	-5.3	-2.7	4.0	12.1	-2	-3	-0.31	-0.36	0.42	
													74	61	27	68	65	53	53	21	23	58	27	56	23	23	15	14	14	

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values										Birth		Wean				Growth		Fertility				Frame		Carcass		
ID	% Inbreeding	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt-wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no																													
CS 200088	3	SS 160016	91323105	99	98	86	111	63	74	85	73	82	102	94	89	98	86	90	98	84	76	71	68	99	86	83	78	96	99
		SN 100070		69	69	64	32	44	45	28	42	16	0.31	0.13	-10	5.0	-5.6	-18	6.4	-38	-11.5	19.4	5.6	9.3	-7	-13	-1.21	-0.50	0.34
													74	62	32	69	64	55	54	26	29	59	30	58	29	28	17	16	15
CS 200090	1	ELS 110014	91323030	96	100	142	89	126	119	105	118	108	88	109	111	100	142	134	109	106	106	124	120	97	102	108	108	100	99
		CS 150015		67	64	60	33	49	45	27	41	14	1.68	-0.41	13	5.6	13.2	95	12.7	44	2.9	-20.5	-3.8	7.9	3	11	1.20	-0.38	0.36
													72	60	33	64	60	52	51	26	28	60	38	58	28	28	15	14	14
CS 210004		ELS 110014	91610279	100	97	114	115	120	126	99	122	103	96	105	85	97	114	118	101	100	98	128	109	96	97	101	103	105	101
		CS 150045		70	55	60	38	43	42	28	39	14	0.89	-0.26	-14	4.4	3.6	54	8.5	23	-1.0	-23.7	-1.7	7.6	0	4	0.81	-0.19	0.41
													74	64	38	55	60	51	42	26	29	50	36	58	29	28	15	14	14
CS 210006	2	GN 140156	91610295	92	94	94	102	86	80	88	80	88	94	94	98	94	94	91	97	87	92	81	93	104	92	87	87	108	99
		CS 160018		67	65	60	36	46	45	20	40	12	1.08	0.15	0	3.0	-2.8	-14	5.7	-26	-3.7	12.1	1.0	12.1	-3	-10	-0.51	-0.08	0.34
													72	61	36	65	60	54	50	18	21	59	34	55	21	20	12	11	11
CS 210008	3	GN 140156	91610303	109	86	90	118	96	96	81	91	79	112	97	82	86	90	87	87	81	84	86	105	95	85	78	83	105	96
		SN 100063		67	67	60	40	44	45	26	41	16	-0.63	0.02	-17	-0.4	-4.1	-26	0.0	-49	-7.5	8.3	-1.0	6.9	-8	-19	-0.81	-0.18	0.26
													73	60	40	67	60	56	52	25	28	60	29	58	28	27	16	15	15
CS 210016	2	GN 150237	91665547	102	97	107	103	117	114	85	109	89	99	105	97	97	107	106	89	84	92	124	107	100	88	91	86	108	95
		CS 170040		67	65	59	23	44	41	23	37	14	0.66	-0.26	-2	4.4	1.4	24	1.1	-36	-3.5	-20.9	-1.4	10.0	-6	-6	-0.55	-0.07	0.20
													73	60	23	65	59	49	50	22	24	57	32	54	24	23	15	14	14
CS 210022	2	GN 150237	91665596	101	100	110	98	96	96	90	94	93	94	108	102	100	110	109	98	91	92	97	96	103	89	93	91	105	98
		CS 170023		67	65	58	37	46	45	26	41	16	1.08	-0.39	4	5.8	2.4	31	6.7	-12	-3.5	-0.6	0.6	11.3	-5	-4	-0.20	-0.20	0.31
													73	60	37	65	58	53	52	25	27	59	34	56	27	26	16	15	15
CS 210023		AB 160073	91747386	93	118	105	72	94	90	113	93	113	89	102	128	118	105	107	122	111	107	88	99	101	116	115	114	110	106
		CS 120059		63	60	54	36	36	40	26	37	12	1.54	-0.17	32	13.4	0.6	27	20.4	64	3.6	6.2	0.0	10.4	12	18	1.60	-0.01	0.59
													68	56	36	60	54	50	40	26	27	50	23	49	27	27	13	12	11
CS 210026	4	AB 160073	91747394	100	110	92	95	132	128	105	126	102	97	103	105	110	92	99	112	104	101	126	128	105	107	102	104	107	104
		ELS 140024		68	63	53	30	42	42	32	40	18	0.77	-0.18	8	10.0	-3.4	6	14.7	36	0.7	-21.9	-5.2	12.5	7	6	0.88	-0.11	0.52
													73	61	30	63	53	49	44	31	32	54	29	53	32	32	18	17	16
CS 210028	2	SS 160016	91748202	100	92	98	113	92	94			83	101	99	87	92	98	97	90	81	83	96	91	92	81	84	80	96	95
		CS 170062		63	66	50	23	40	40			12	0.44	-0.03	-12	2.2	-1.5	1	1.9	-48	-8.3	0.6	1.5	4.8	-10	-13	-1.02	-0.53	0.20
													71	53	23	66	50	46	44	17	19	58	22	52	19	18	12	11	10
CS 210034		CS 140015	91747402	102	79	83	110	134	110	77	103	75	100	103	90	79	83	72	79	76	82	149	114	106	78	73	75	103	77
		CS 160047		68	66	63	19	42	41	20	37	16	0.55	-0.18	-9	-3.4	-6.4	-64	-4.6	-68	-8.3	-39.4	-2.6	13.4	-13	-23	-1.44	-0.28	-0.41
													73	62	19	66	63	49	40	19	21	56	29	53	22	21	17	15	15
CS 210045	2	SS 160016	91748277	99	103	103	107	85	96	93	94	94	100	98	93	103	103	108	105	93	92	83	91	103	96	96	91	103	103
		CS 170064		67	67	52	26	41	41	20	37	14	0.54	0.00	-6	6.8	0.1	29	10.7	-2	-3.6	10.1	1.5	11.5	-1	0	-0.19	-0.26	0.49
													73	59	26	67	52	48	50	19	21	58	24	54	21	21	14	13	12

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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Animal			Selection Values										Birth		Wean				Growth		Fertility				Frame		Carcass		
ID	% Inbreeding	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no																													
CS 210048	4	AB 160073	NP 110071	103	115	114	69	100	94	119	98	119	102	101	131	115	114	112	117	116	109	87	109	108	124	120	120	121	118
91740225				66	49	59	50	26	38	32	37	14	0.33	-0.13	35	12.2	3.8	39	17.7	80	4.5	7.0	-1.7	14.8	17	23	2.06	0.40	0.99
														72	58	50	49	59	53	32	31	33	33	20	52	33	32	15	14
CS 210051		CS 150043	CS 150054	97	97	126	93	99	96	95	95	94	101	93	107	97	126	120	97	93	98	99	99	94	103	94	90	125	100
91742148				65	65	61	47	40	45	24	41	14	0.41	0.18	9	4.5	7.8	59	5.9	-4	-0.9	-2.1	0.0	6.3	3	-2	-0.20	0.52	0.38
													72	56	47	65	61	58	41	23	24	53	26	53	25	24	14	13	13
CS 210057		CS 140015	CS 160055	105	91	104	102	106	98	91	96	90	100	107	98	91	104	99	98	90	97	110	101	105	92	89	89	106	85
91817783				67	64	52	22	41	40	20	36	16	0.51	-0.33	0	1.9	0.5	4	6.3	-16	-1.2	-9.7	-0.4	12.6	-3	-7	-0.35	-0.14	-0.14
													73	59	22	64	52	46	46	19	22	57	25	52	22	21	17	15	15
CS 210066	3	GN 150237	CS 170041	108	103	97	94	106	102	95	101	99	100	112	106	103	97	98	95	97	95	92	114	103	94	98	95	113	106
91931535				68	65	61	37	42	44	27	41	16	0.53	-0.52	9	6.8	-1.8	2	4.9	9	-2.2	3.4	-2.7	11.3	-2	1	0.17	0.09	0.58
														73	61	37	65	61	54	50	26	28	48	35	56	28	27	17	15
CS 210067	3	GN 150237	CS 170074	101	103	89	113	86	98	83	94	85	97	105	87	103	89	97	95	83	85	84	91	98	82	84	80	112	92
91931543				65	62	55	35	37	41	23	37	14	0.82	-0.25	-12	6.8	-4.4	1	4.5	-42	-7.2	9.5	1.5	8.7	-10	-13	-0.98	0.05	0.10
														71	57	35	62	55	51	46	22	24	44	30	53	24	24	15	14
CS 210070	3	GN 140156	CS 160027	108	97	91	120	111	120	96	116	96	103	107	80	97	91	97	101	96	100	103	114	111	97	96	98	99	102
91931568				69	67	66	38	42	45	23	41	14	0.19	-0.35	-19	4.4	-3.8	1	8.2	6	0.3	-4.9	-2.7	16.6	0	-1	0.36	-0.41	0.44
														73	63	38	67	66	57	44	22	24	49	35	58	25	24	15	14
CS 210080		GN 140156	CS 150044	108	84	85	130	95	101			81	112	97	70	84	85	84	87	79	88	91	99	104	82	79	80	97	87
92383033				67	56	64	48	37	43			10	-0.61	0.03	-30	-1.1	-5.8	-33	0.3	-57	-5.8	3.9	0.0	12.2	-10	-17	-1.04	-0.46	-0.07
													72	61	48	56	64	56	38	16	17	46	28	55	18	17	10	10	9
CS 210081	1	GN 140156	CS 180047	104	83	83	117	90	86			75	102	103	83	83	83	77	89	74	84	88	95	106	78	74	75	96	83
92380575				65	66	53	26	42	41			12	0.36	-0.21	-17	-1.6	-6.4	-51	1.4	-73	-7.7	6.5	0.8	13.4	-13	-23	-1.41	-0.50	-0.18
														72	57	26	66	53	48	49	18	20	57	28	54	20	20	13	12
CS 210083	1	CIS 140008	CS 150009	102	82	81	113	79	72	89	72	87	105	95	87	82	81	73	75	88	90	81	84	97	91	85	83	114	91
92383066				65	64	53	27	36	39	21	35	14	0.00	0.11	-12	-1.9	-7.1	-60	-7.3	-21	-4.8	12.0	2.8	8.1	-4	-12	-0.80	0.15	0.06
														72	55	27	64	53	48	46	20	22	51	20	52	22	22	15	14
CS 210093	2	GN 140156	CS 190010	110	102	109	104	138	138	97	132	97	100	114	96	102	109	112	107	96	102	125	137	108	96	98	98	93	97
92383090				68	68	61	37	46	46	22	41	12	0.51	-0.61	-3	6.4	2.1	38	11.6	7	1.3	-21.7	-6.8	14.6	-1	1	0.37	-0.61	0.30
														73	62	37	68	61	55	52	21	23	58	35	57	23	23	13	12
CS 210127	3	GN 140156	CS 190012	100	90	87	119	113	110	83	105	81	100	100	81	90	87	86	96	81	86	109	111	108	84	81	83	95	93
92514868				66	67	59	29	45	43	22	39	14	0.55	-0.09	-18	1.3	-5.3	-27	5.6	-47	-6.7	-9.6	-2.2	14.6	-9	-16	-0.75	-0.56	0.13
														72	58	29	67	59	52	52	21	23	58	32	56	24	23	14	13
CS 210130	5	SS 160016	CS 180030	103	88	105	125	93	103	77	97	81	102	101	75	88	105	106	90	80	76	111	82	107	76	82	80	82	94
92514892				68	60	58	37	46	44	23	40	14	0.33	-0.13	-25	0.6	0.6	24	1.5	-50	-11.5	-10.9	3.1	13.7	-14	-14	-1.03	-1.03	0.18
														74	60	37	60	58	52	48	22	24	60	31	56	25	24	14	13

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values											Birth		Wean				Growth		Fertility				Frame		Carcass		
ID	% Inbreeding	Index EBV Acc	Sire ID	Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no																														
CS 210140	4	SS 160016	WIO 180031	102	97	103	115	88	100	97	99	93	100	102	85	97	103	108	94	94	95	92	89	105	91	95	92	79	102	
92671452				64	55	52	27	38	37	27	35	20	0.52	-0.17	-14	4.5	0.2	28	4.0	-1	-2.3	3.3	1.9	12.9	-4	-2	-0.08	-1.13	0.45	
														73	52	27	55	52	45	44	25	28	56	21	53	28	28	21	19	19
CS 210141		ELS 110014	CS 120056	110	102	140	89	121	120	114	120	118	97	119	111	102	140	133	107	115	113	131	109	106	110	118	117	105	105	
92666668				68	57	66	49	46	46	26	42	14	0.83	-0.76	14	6.6	12.3	93	11.6	76	6.3	-25.9	-1.7	13.1	8	21	1.89	-0.18	0.54	
													72	64	49	57	66	57	41	25	27	57	35	58	27	27	15	13	13	
CS 210142	4	GN 150300	SN 140193	99	100	92	112	97	103	95	101	96	101	95	88	100	92	97	93	96	99	82	108	108	105	97	104	98	108	
92666676				65	57	54	24	38	38	28	36	21	0.40	0.09	-11	5.5	-3.6	0	3.5	8	-0.2	11.4	-1.7	14.6	5	1	0.88	-0.44	0.67	
														73	54	24	57	54	45	40	26	30	54	22	55	30	28	22	20	19
CS 210153	1	ELS 110014	NP 110077	90	106	115	117	122	135	99	131	103	85	103	83	106	115	127	108	101	97	133	108	103	98	100	104	109	105	
92690668				71	57	62	40	49	45	32	42	16	1.97	-0.18	-16	8.1	4.0	78	12.6	25	-1.2	-27.3	-1.6	11.4	0	4	0.87	-0.05	0.57	
														75	66	40	57	62	53	45	31	33	60	38	61	34	33	17	16	16
CS 210160	3	CIS 140008	CS 130005	94	97	77	108	94	91	97	91	93	97	93	92	97	77	80	91	95	93	102	89	107	99	92	89	123	100	
92690718				65	57	56	36	39	40	24	37	16	0.81	0.16	-6	4.4	-8.4	-44	2.4	3	-3.0	-4.1	1.7	14.0	1	-5	-0.29	0.44	0.38	
														73	54	36	57	56	50	43	23	25	56	22	52	25	25	17	15	15
CS 210168	3	CIS 170044	CIS 180059	92	95	79	114	66	71	84	71	82	93	96	86	95	79	81	94	87	80	79	66	116	74	78	83	83	86	
92733682				61	51	53	37	36	38	25	35	14	1.19	0.06	-13	3.4	-8.0	-41	4.0	-24	-9.6	13.7	5.9	19.7	-15	-19	-0.79	-0.98	-0.10	
														70	50	37	51	53	47	42	24	26	51	20	48	27	26	14	13	13
CS 210179	2	SS 160016	CS 180056	98	97	92	116	82	92			85	97	100	84	97	92	97	96	84	87	73	93	102	85	88	83	91	95	
92768266				65	59	57	27	42	40			12	0.80	-0.07	-15	4.4	-3.5	1	5.3	-36	-6.0	18.2	1.0	11.0	-8	-9	-0.82	-0.69	0.23	
														72	55	27	59	57	48	44	18	20	59	25	53	20	20	12	11	11
CS 210184	1	ELS 110014	RO 140075	98	102	109	88	121	110	102	109	102	92	107	112	102	109	106	108	101	94	120	116	111	104	103	102	98	115	
92868983				70	59	63	43	48	46	35	44	24	1.29	-0.33	14	6.3	2.1	22	12.3	26	-2.8	-17.9	-3.0	16.4	5	7	0.70	-0.43	0.91	
														74	65	43	59	63	55	48	34	36	61	35	61	37	36	25	23	23
CS 210189	6	CIS 140008	PKT 120099	99	92	87	128	107	115	105	114	99	99	99	72	92	87	92	84	106	103	96	113	100	112	100	97	126	108	
92869023				65	67	56	39	40	44	28	41	20	0.65	-0.03	-28	2.4	-5.3	-12	-1.6	42	1.4	0.7	-2.5	9.8	10	3	0.33	0.56	0.66	
														73	55	39	67	56	54	50	27	29	53	26	54	30	29	21	19	19
CS 210194	3	GN 150237	JK 100060	101	108	107	90	80	84	102	86	103	92	111	110	108	107	108	106	103	105	68	93	104	106	104	99	115	106	
93089902				66	67	60	39	44	45	28	42	19	1.30	-0.49	13	8.9	1.4	30	11.2	34	2.9	21.6	1.0	12.0	6	8	0.49	0.17	0.59	
														72	58	39	67	60	55	52	27	29	57	31	56	30	29	20	18	18
CS 210197	1	ELS 110014	SN 110126	96	128	117	91	124	141	117	140	120	88	108	109	128	117	133	130	119	111	122	119	100	117	119	122	123	120	
93415206				68	67	62	41	49	47	32	44	18	1.65	-0.37	11	17.5	4.9	92	25.3	93	5.3	-19.3	-3.7	9.6	13	22	2.24	0.44	1.06	
														72	62	41	67	62	57	52	31	34	60	38	59	34	33	18	17	16
CS 220001	3	SS 160016	CS 140014	103	90	101	110	91	91	82	88	83	101	103	90	90	101	98	88	81	83	104	84	91	86	85	76	110	97	
93420842				66	57	56	37	39	41	25	38	14	0.40	-0.18	-9	1.5	-0.6	2	0.8	-50	-7.8	-5.7	2.7	4.2	-7	-11	-1.36	-0.01	0.30	
														73	56	37	57	56	50	46	24	26	57	21	54	27	26	15	13	13

Breeding Values and Accuracies: Cows & Heifers

														Value <80		Value >120		Breeding values with an accuracy < 5% are not printed																	
Animal				Selection Values										Birth		Wean				Growth		Fertility				Frame		Carcass							
ID Animal no	% Inbreeding	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling						
CS 220006 93415222	1	GN 140156 CS 190032		99 64	101 64	92 57	115 35	106 41	114 42			91 12	94 1.04 71	104 -0.23 56	85 -15 35	101 6.1 64	92 -3.5 57	100 8 52	107 11.6 50	90 -17 18	98 -0.6 20	96 0.8 55	112 -2.3 27	109 15.2 53	93 -3 20	91 -6 20	90 -0.21 13	101 -0.35 12	92 0.11 12						
CS 220015 93415271	3	SS 160016 CS 150055		99 66	100 66	108 58	108 37	92 38	100 43	90 25	98 39	91 14	99 0.62 73	100 -0.07 57	92 -7 37	100 5.8 66	108 1.8 58	112 38 54	97 6.2 51	89 -20 24	91 -4.1 26	99 -2.0 55	88 1.9 22	92 5.1 55	94 -2 27	94 -2 26	83 -0.75 15	112 0.06 13	102 0.45 13						
CS 220017 93653384	3	SS 160016 CS 150054		92 65	118 67	98 54	99 30	81 42	97 42	97 25	96 39	99 14	91 1.34 72	97 0.03 57	101 3 30	118 13.1 67	98 -1.6 54	111 36 50	110 13.7 52	96 6 24	98 -0.7 26	88 6.7 58	81 3.2 25	97 7.7 55	101 2 27	102 6 26	91 -0.14 15	114 0.14 13	106 0.60 13						
CS 220025 93937795	4	GN 150300 CS 170036		103 64	86 68	83 57	128 35	112 42	113 44	88 29	108 41	88 21	107 -0.15 72	94 0.13 53	72 -28 35	86 -0.5 68	83 -6.6 57	82 -38 53	88 0.4 44	90 -14 28	90 -4.4 31	113 -12.0 57	108 -1.7 28	115 18.6 56	97 0 31	88 -8 30	98 0.38 22	89 -0.76 20	102 0.45 20						
CS 220031 93937837	1	AB 170021 CS 160055		100 64	132 66	107 59	69 38	108 40	113 43	132 44	119 43	135 8	92 1.29 72	110 -0.46 54	131 35 38	132 19.0 66	107 1.5 59	117 51 54	128 24.2 45	132 138 43	119 9.4 45	100 -2.9 57	111 -2.1 24	111 16.6 52	119 14 45	132 35 45	128 2.71 8	113 0.10 7	113 0.84 7						
CS 220035 93937886	2	SS 160016 CS 190119		102 64	93 68	92 58	114 34	96 41	98 43	76 22	92 39	75 15	99 0.60 72	104 -0.24 54	86 -12 34	93 2.5 68	92 -3.6 58	92 -12 53	93 3.4 52	77 -64 21	78 -10.5 23	98 -0.7 58	96 0.5 24	104 12.2 53	80 -11 23	77 -19 23	75 -1.44 16	96 -0.53 14	92 0.13 14						
CS 220038 93937902	1	AB 170021 CS 150002		86 64	126 66	94 58	77 36	111 39	110 43	125 44	114 43	125 8	84 2.06 72	98 -0.01 54	123 27 36	126 16.7 66	94 -2.8 58	106 22 53	125 22.5 52	124 111 43	109 4.8 45	102 -4.4 55	114 -2.7 23	98 8.5 52	114 11 45	123 26 45	119 2.01 9	116 0.20 8	112 0.78 8						
CS 220044 93937944	2	GN 150300 CS 170032		97 64	105 68	90 55	113 36	118 41	125 43	102 28	122 40	102 20	98 0.70 72	97 0.02 53	87 -12 36	105 7.9 68	90 -4.2 55	100 8 53	103 9.5 51	104 36 27	101 0.7 31	109 -9.6 56	119 -3.6 26	109 15.0 56	109 8 31	104 7 30	111 1.36 22	101 -0.34 19	110 0.73 19						
CS 220056 94067055	3	SS 160016 CS 190044		106 64	88 67	92 51	127 27	84 42	95 41	70 20	88 37	72 12	105 0.07 72	102 -0.15 54	73 -26 27	88 0.6 67	92 -3.4 51	94 -8 48	90 2.0 54	72 -83 19	72 -13.2 21	84 9.6 59	89 1.8 25	104 11.9 54	71 -17 22	73 -24 21	71 -1.72 13	89 -0.77 12	92 0.11 11						
CS 220058 94067063	17	CIS 140008 CIS 160045		96 64	88 67	68 47	120 24	48 36	54 39	89 23	56 36	82 16	106 -0.01 73	86 0.45 52	80 -20 24	88 0.4 67	68 -11.4 47	66 -79 46	86 -0.4 52	87 -27 22	88 -5.5 24	50 35.3 53	60 6.9 18	106 13.3 52	86 -7 24	81 -16 24	77 -1.29 17	101 -0.34 16	88 -0.02 15						
CS 220066 94066727		AB 170021 CS 170018		90 58	128 63	99 48	62 28	106 26	100 36	132 43	106 37	135 6	83 2.14 70	106 -0.31 43	138 42 28	128 17.4 63	99 -1.1 48	106 24 46	116 17.0 52	131 137 42	117 8.6 44	94 1.7 35	113 -2.5 17	99 9.3 48	119 14 45	132 35 44	127 2.67 7	116 0.21 6	113 0.84 6						
CS 220069 94165727	1	GN 140156 CS 160047		96 63	86 64	86 53	119 25	110 38	104 39			78 10	97 0.76 71	95 0.09 53	81 -18 25	86 -0.2 64	86 -5.6 53	83 -37 47	86 -0.4 48	76 -66 17	86 -6.8 18	110 -9.9 47	107 -1.5 29	106 13.3 52	79 -12 18	76 -20 18	77 -1.26 11	93 -0.61 10	84 -0.14 10						

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values										Birth		Wean				Growth		Fertility				Frame		Carcass		
ID	% Inbreeding	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no																													
CS 220070	4	GN 150300	CS 140007	95	110	83	113	106	118	100	115	99	97	94	87	110	83	97	104	99	103	101	108	109	106	99	105	95	97
94067089		62		65	48	29	34	39	32	38	27	0.76	0.14	-12	9.8	-6.6	0	9.9	17	1.7	-3.3	-1.6	15.5	6	2	0.96	-0.54	0.30	
													72	49	29	65	48	47	50	31	34	44	25	55	34	33	28	26	25
CS 220074		AB 170021	CS 150044	102	102	89	90	98	90	106	92	108	100	102	110	102	89	89	102	105	92	98	97	104	93	102	101	109	99
94181898		60		64	50	34	32	39	43	40	6	0.49	-0.15	12	6.5	-4.5	-20	9.0	40	-3.6	-1.4	0.3	12.4	-3	5	0.65	-0.04	0.35	
													71	47	34	64	50	49	50	42	44	43	22	50	45	44	7	6	6
CS 220076	1	ELS 110014	EK 140233	100	97	127	98	121	117	102	115	103	95	105	102	97	127	122	104	104	100	124	114	99	98	101	102	104	94
94067147		65		68	56	34	40	43	30	40	18	1.01	-0.28	4	4.4	8.1	65	10.3	35	0.0	-20.4	-2.7	9.2	0	4	0.71	-0.22	0.18	
													72	57	34	68	56	53	55	28	31	47	33	58	31	31	18	17	16
CS 220078	4	CIS 140008	CS 170028	89	99	93	108	92	94	101	95	97	87	99	92	99	93	96	96	97	106	98	90	95	101	97	92	106	88
94067162		59		64	44	23	30	36	24	34	19	1.77	-0.05	-7	5.2	-3.2	-1	5.5	12	2.9	-0.8	1.6	6.7	3	0	-0.07	-0.15	-0.03	
													71	43	23	64	44	44	49	23	25	39	22	50	25	25	20	18	18
CS 220096	1	ELS 110014	EK 140252	97	101	127	98	122	120	104	119	105	94	103	102	101	127	126	111	104	100	123	114	97	98	101	104	105	96
94188976		66		68	56	34	40	43	30	40	18	1.11	-0.19	4	5.9	8.2	73	14.4	38	0.4	-20.1	-2.8	7.8	1	5	0.83	-0.18	0.25	
													73	57	34	68	56	53	56	29	31	47	33	58	32	31	19	17	16
CS 220106	4	GN 150237	SN 140193	105	105	96	100	93	99	95	98	99	100	108	100	105	96	101	87	96	100	81	104	100	96	99	96	111	106
94189040		64		67	53	25	36	39	25	36	16	0.54	-0.37	2	7.9	-2.0	11	0.0	5	0.3	12.1	-0.9	9.9	-1	3	0.22	0.03	0.58	
													72	53	25	67	53	48	50	24	26	44	28	54	27	26	16	15	14
CS 220109	2	GN 150300	CS 170009	94	106	83	107	100	105	99	104	100	96	95	93	106	83	92	101	100	102	97	102	104	109	101	106	99	103
94189065		62		62	43	23	33	36	25	34	19	0.90	0.10	-6	8.0	-6.4	-13	8.5	20	1.0	0.0	-0.6	12.3	8	4	1.00	-0.42	0.49	
													71	50	23	62	43	43	45	24	27	49	17	52	27	26	20	18	18
CS 220122	6	GN 150300	CS 130008	105	93	82	127	98	107	86	103	85	108	97	73	93	82	87	87	88	91	99	98	108	95	85	93	86	95
94220241		60		64	45	28	32	37	30	36	22	-0.24	0.04	-26	2.6	-6.7	-25	0.1	-23	-4.0	-1.7	0.3	14.9	-1	-11	0.03	-0.87	0.22	
													71	47		64	45	46	48	28	32	42	22	54	32	31	23	21	21
CS 220130	4	GN 150300	CS 130001	88	96	90	116	93	97	92	95	90	94	89	84	96	90	94	93	93	93	94	93	110	104	92	99	98	102
94459997		62		65	49	26	32	38	28	36	21	1.11	0.34	-15	4.0	-4.2	-7	3.7	-6	-3.2	1.8	1.0	15.6	4	-4	0.42	-0.44	0.45	
													72	49	26	65	49	47	48	27	30	43	22	55	30	29	22	20	20
CS 220133	2	CIS 140008	GN 140013	95	86	78	112	84	77	89	76	87	97	95	88	86	78	73	83	88	94	87	86	103	90	86	84	102	91
94600855		64		51	42	26	30	33	23	31	16	0.79	0.11	-11	-0.2	-8.3	-62	-2.4	-23	-2.9	7.3	2.4	11.6	-5	-11	-0.74	-0.29	0.08	
													73	52	26	51	42	40	40	22	24	39	22	52	24	24	17	16	15
CS 220136	2	AB 170021	CS 170080	101	119	100	70	103	97	125	102	125	94	108	130	119	100	104	117	123	108	98	106	113	112	122	119	117	112
94460037		64		65	51	29	34	39	44	40	8	1.11	-0.39	34	13.8	-0.8	18	17.9	106	4.1	-0.9	-1.2	17.5	10	26	2.02	0.24	0.79	
													72	53		65	51	48	52	43	45	50	19	52	45	45	8	7	7
CS 220137	1	ELS 110014	RO 140075	99	99	109	97	118	111	97	109	97	94	106	103	99	109	107	108	96	89	116	114	110	99	97	97	97	113
94460045		68		68	59	36	46	45	35	43	24	1.08	-0.30	5	5.3	2.1	26	12.1	7	-5.2	-14.8	-2.7	15.5	1	1	0.33	-0.48	0.82	
													73	62	36	68	59	54	54	34	36	58	35	60	37	36	25	23	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		Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Index EBV Acc		Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
CS 220140 94543121	7	GN 150300	CS 130006	102 65	82 65	69 57	131 35	92 39	92 42	74 31	87 40	75 21	111 -0.51 72	88 0.36 55	69 -32 35	82 -2.1 65	69 -11.3 57	64 -84 52	81 -3.3 48	78 -59 29	76 -11.4 33	101 -3.3 54	88 2.1 24	111 16.4 56	85 -8 33	77 -20 32	83 -0.76 22	76 -1.23 20	93 0.16 19	
CS 220141 94543139	2	CIS 140008	CS 170002	90 62	87 62	86 46	108 22	65 36	60 37	94 20	63 34	92 14	98 0.72 71	86 0.42 51	92 -7 22	87 0.1 62	86 -5.4 46	81 -42 43	83 -2.4 46	93 -4 20	94 -2.7 22	64 24.5 51	75 4.3 20	100 10.0 50	97 0 22	90 -6 21	87 -0.46 15	119 0.31 14	95 0.21 13	
CS 220142 94543147	3	ELS 110014	GN 140108	100 68	120 66	96 62	90 45	118 48	124 47	104 33	122 44	106 18	87 1.78 73	116 -0.66 61	110 12 45	120 14.3 66	96 -2.2 62	108 29 58	119 18.8 52	105 38 32	99 -0.2 34	125 -21.5 60	108 -1.6 37	110 15.5 59	97 0 35	105 8 34	109 1.20 19	92 -0.67 18	107 0.64 17	
CS 220145 94543170	2	GN 150300	CS 160018	90 60	97 62	93 47	104 24	93 32	90 36	99 26	91 34	99 20	99 0.63 71	84 0.50 46	96 -3 24	97 4.5 62	93 -3.3 47	93 -10 44	96 5.0 46	100 21 25	100 0.2 28	90 4.7 42	97 0.3 23	106 13.2 51	109 8 28	100 3 27	104 0.84 21	106 -0.17 19	107 0.63 18	
CS 220153 94980406	2	CIS 140008	CS 150005	98 60	90 62	89 44	112 28	79 30	79 36	93 23	80 33	90 16	99 0.60 71	98 -0.01 46	88 -11 28	90 1.4 62	89 -4.4 44	87 -26 45	83 -2.2 40	92 -8 22	95 -2.2 24	76 15.5 39	87 2.1 21	92 4.7 52	93 -3 24	89 -7 24	89 -0.30 17	106 -0.14 15	94 0.20 15	
CS 220156 94980430	2	CIS 140008	CS 180019	97 60	88 64	93 47	110 25	98 32	92 37	96 23	91 34	94 16	97 0.78 71	98 -0.02 46	90 -9 25	88 0.4 64	93 -3.1 47	89 -21 45	87 -0.2 44	95 3 22	95 -2.0 24	98 -1.4 41	99 0.0 24	103 11.4 50	93 -3 24	93 -4 24	90 -0.20 16	107 -0.13 15	90 0.06 15	
CS 230002 95017273	2	AB 170021	NP 120085	95 62	125 67	80 53	75 31	97 36	96 41	114 48	99 42	115 16	89 1.52 72	104 -0.25 49	125 28 31	125 16.3 67	80 -7.7 53	92 -12 50	117 17.7 56	111 62 46	98 -0.8 49	100 -2.6 46	95 0.7 26	109 15.1 55	98 1 49	110 13 49	105 0.89 17	125 0.53 16	114 0.85 15	
CS 230003 95018297	1	AB 170021	ELS 140015	96 62	120 66	88 52	83 33	107 34	106 40	116 46	109 41	115 14	89 1.53 72	106 -0.32 49	117 21 33	120 14.0 66	88 -4.8 52	98 3 50	117 17.6 53	116 82 45	104 2.3 47	101 -3.4 45	109 -1.7 24	107 13.9 53	103 4 48	111 14 47	110 1.29 14	111 0.03 13	106 0.61 13	
CS 230004 95023040	5	AB 170021	CS 130005	101 62	108 66	92 52	83 32	108 36	98 40	109 46	100 41	107 12	99 0.65 72	103 -0.18 50	117 20 32	108 9.0 66	92 -3.6 52	93 -9 50	108 12.3 54	108 50 45	89 -5.2 47	109 -9.6 46	105 -1.0 25	109 15.0 54	98 0 48	102 6 47	103 0.81 12	121 0.38 11	110 0.72 10	
CS 230007 95017315	2	GN 150300	CS 140010	100 61	88 62	80 45	117 23	96 31	92 36	85 25	90 34	85 19	107 -0.14 70	90 0.30 50	83 -16 23	88 0.5 62	80 -7.7 45	77 -51 43	84 -1.5 45	86 -31 24	89 -5.1 27	104 -5.2 40	91 1.4 22	103 11.8 52	96 -1 27	85 -11 26	91 -0.13 20	95 -0.54 18	95 0.21 18	
CS 230008 95017323	2	CIS 140008	CS 180036	98 58	82 64	83 42	112 21	79 29	71 35	88 20	71 32	86 14	100 0.52 70	97 0.04 43	88 -11 21	82 -2.0 64	83 -6.4 42	75 -56 42	81 -3.3 46	86 -28 19	88 -5.5 20	88 6.6 37	79 3.7 21	96 7.5 46	87 -7 21	85 -12 20	80 -0.99 15	108 -0.10 13	84 -0.17 13	
CS 230009 95017331	3	GN 150300	CS 150006	102 64	94 64	85 48	117 23	107 32	108 37	89 27	105 35	89 20	110 -0.42 72	90 0.30 53	83 -16 23	94 3.1 64	85 -5.9 48	87 -24 45	89 1.4 46	90 -16 26	93 -3.2 29	94 2.0 42	114 -2.7 22	101 10.5 54	97 0 29	89 -7 28	98 0.36 22	93 -0.61 19	101 0.44 19	

Breeding Values and Accuracies: Cows & Heifers

Animal			Selection Values											Birth		Wean				Growth		Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
CS 230021 95449773	4	GN 150300 GN 130003		93 52	99 64	91 46	111 25	103 27	104 35	95 28	102 34	96 22	98 0.72 57	91 0.26 46	89 -9 25	99 5.0 64	91 -3.9 46	95 -6 45	95 4.7 40	97 11 27	100 0.4 30	95 1.0 35	107 -1.4 19	107 13.9 53	105 5 30	98 2 29	104 0.84 23	89 -0.76 20	96 0.23 20	
CS 230024 95445599	1	GN 150300 CS 180047		97 60	93 65	81 46	114 24	99 32	97 37	88 26	94 35	87 20	99 0.62 71	96 0.07 46	86 -13 24	93 2.6 65	81 -7.3 46	81 -40 45	92 3.2 42	88 -23 24	92 -3.5 28	103 -4.8 42	97 0.4 21	108 14.5 52	95 -1 27	88 -9 27	93 0.00 21	94 -0.58 19	92 0.13 19	
CS 230026 95445607	1	AB 170021 CS 180044		118 61	106 58	78 49	81 32	107 35	95 38	114 44	98 39	113 8	114 -0.77 71	110 -0.45 48	119 23 32	106 8.0 58	78 -8.1 49	80 -44 46	106 11.1 50	112 67 43	100 0.2 45	98 -1.2 45	112 -2.3 25	107 13.9 52	101 3 46	110 13 45	109 1.21 9	108 -0.10 8	107 0.62 8	
CS 230028 95666376	9	ELS 110014 GN 150204		98 66	107 55	98 56	104 37	113 44	118 42	95 33	114 40	97 18	88 1.66 72	111 -0.48 58	96 -3 37	107 8.8 55	98 -1.5 56	106 23 49	109 12.9 48	96 8 31	90 -4.7 34	119 -16.9 53	104 -1.0 36	103 11.7 59	93 -3 34	96 -1 33	101 0.58 19	101 -0.34 17	101 0.41 17	
CS 230031 95672564		AB 170021 CS 120056		103 60	125 62	105 49	64 31	106 28	102 37	129 43	108 38	131 6	91 1.33 69	115 -0.64 48	136 41 31	125 16.4 62	105 0.9 49	110 33 47	122 20.9 44	128 125 42	114 7.1 44	99 -1.7 37	109 -1.8 18	106 13.3 50	116 12 45	128 31 44	124 2.41 7	115 0.18 6	112 0.78 6	
CS 230038 95788535	5	GN 100164 CS 200087		90 58	119 62	98 46	100 27	91 32	107 37	104 30	107 36	104 20	85 1.96 68	103 -0.19 44	100 2 27	119 13.6 62	98 -1.5 46	113 41 45	110 13.7 47	104 38 28	97 -1.2 30	94 2.0 41	91 1.4 23	110 15.8 49	101 2 31	104 7 30	108 1.15 20	96 -0.52 19	105 0.55 18	
CS 230040 95788550	7	GN 100164 CS 180069		97 58	101 62	107 45	102 28	108 35	108 38	101 31	107 37	102 20	91 1.41 68	106 -0.30 46	98 0 28	101 6.1 62	107 1.5 45	109 30 45	99 6.9 46	102 28 30	95 -2.4 32	111 -10.8 42	104 -0.8 28	107 14.2 50	95 -2 32	99 2 32	107 1.11 21	95 -0.56 19	98 0.32 19	
CS 230041 95788683	1	1292653 CS 160017		90 59	89 62	106 48	107 30	86 32	82 37	88 26	81 35	87 20	97 0.83 69	88 0.35 47	93 -6 30	89 1.0 62	106 1.0 48	101 11 47	95 4.5 48	88 -21 25	83 -8.1 27	103 -4.6 39	78 3.8 24	101 10.5 50	88 -6 27	85 -12 26	85 -0.63 21	105 -0.20 19	86 -0.08 19	
CS 230046 95788576	1	GN 150300 CIS 170033		94 61	109 68	92 49	110 28	91 32	104 39	107 30	105 37	105 20	95 0.98 72	96 0.06 47	90 -9 28	109 9.3 68	92 -3.6 49	103 17 48	103 9.7 54	109 54 29	106 3.2 32	90 4.7 42	94 0.9 22	112 17.1 54	108 7 32	107 10 31	109 1.25 21	91 -0.70 19	100 0.38 19	
CS 230049 95788725	1	SNV3115 CS 200009		105 57	102 64	99 42	109 22	89 26	100 34	87 32	97 34	91 7	100 0.51 70	107 -0.32 41	91 -8 22	102 6.6 64	99 -1.1 42	111 35 43	102 8.8 48	88 -23 30	92 -3.8 34	82 10.7 35	96 0.5 18	120 21.8 43	90 -4 35	89 -7 33	89 -0.28 7	107 -0.11 7	90 0.04 7	
CS 230050 95788584	1	AB 170021 CS 160063		95 60	111 64	100 49	79 33	106 33	97 39	110 44	100 40	110 8	92 1.27 71	101 -0.13 46	121 24 33	111 10.4 64	100 -0.9 49	101 11 49	109 13.2 52	109 56 43	96 -1.5 45	103 -4.7 43	107 -1.4 23	103 11.6 50	97 0 45	106 10 44	104 0.88 8	107 -0.13 7	100 0.38 7	
CS 230066 95788766		SNV3115 CS 170025		95 56	100 60	110 40	105 20	104 22	107 31	89 32	103 31	94 10	94 1.12 69	99 -0.06 39	95 -3 20	100 5.8 60	110 2.3 40	116 49 40	97 6.0 44	90 -14 30	93 -3.4 34	108 -8.6 32	100 -0.1 13	105 12.9 38	92 -3 35	91 -6 33	93 -0.01 11	109 -0.05 10	84 -0.16 10	

Breeding Values and Accuracies: Cows & Heifers

Animal			Selection Values								Birth		Wean				Growth		Fertility				Frame		Carcass				
ID Animal no	% Inbreeding	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
CS 230067 95788774	2	CIS 140008 CS 160062		96 61	107 66	90 48	101 30	94 33	99 39	108 26	101 36	106 16	86 1.82 72	110 -0.45 47	99 1 30	107 8.8 66	90 -4.2 48	97 1 48	98 6.5 52	106 43 25	103 1.6 27	88 6.4 41	100 -0.2 25	98 8.3 51	102 3 28	106 10 27	104 0.84 17	102 -0.32 16	100 0.38 15
CS 230070 95788782		VL 180051 CS 140021		81 56	113 61	116 44	83 21	95 26	94 33	114 35	97 33	116 19	86 1.81 68	87 0.41 41	117 20 21	113 11.2 61	116 4.5 44	118 54 42	114 16.1 38	112 66 33	124 11.9 37	88 6.4 32	101 -0.3 19	93 5.4 41	122 16 38	118 21 36	112 1.51 20	101 -0.33 18	86 -0.11 18
CS 230074 95788899	1	VL 180051 CS 200024		79 55	112 62	117 38	86 23	100 24	98 33	110 36	100 34	111 20	83 2.09 68	88 0.37 39	114 17 23	112 10.5 62	117 4.9 38	119 56 41	114 16.0 39	108 52 35	119 9.3 39	84 9.5 32	111 -2.2 16	99 9.1 42	121 15 40	113 16 38	110 1.29 21	105 -0.20 19	89 0.03 19
CS 230076 95788816	2	GN 150300 CS 170032		95 60	100 67	95 48	115 27	109 35	115 39	96 28	112 37	96 20	95 0.96 71	98 -0.01 47	85 -14 27	100 5.7 67	95 -2.5 48	102 12 47	98 6.7 53	98 15 27	96 -1.9 31	100 -2.5 44	113 -2.6 26	101 10.6 53	104 4 31	97 1 30	105 0.90 22	99 -0.40 19	107 0.62 19
CS 230077 95788824	5	GN 150300 CS 160032		91 60	102 65	104 48	117 30	113 36	122 39	98 29	119 37	98 21	91 1.37 71	96 0.06 47	83 -16 30	102 6.5 65	104 0.4 48	113 41 48	106 11.4 52	100 20 28	101 0.6 31	111 -10.9 44	111 -2.1 27	97 7.9 54	101 3 31	100 3 30	107 1.05 22	82 -1.03 20	102 0.45 20
CS 230084 95833687	2	CIS 140008 CS 180020		94 60	102 66	92 46	104 27	72 32	78 38	102 25	80 35	102 16	90 1.48 71	102 -0.17 46	96 -2 27	102 6.3 66	92 -3.6 46	96 -3 46	99 6.9 52	101 27 24	100 0.3 26	75 16.5 41	77 3.9 24	96 7.3 50	98 1 26	102 6 26	98 0.40 17	105 -0.20 15	99 0.37 15
CS 230087 95833810	3	CIS 180161 CS 190065		97 56	90 60	84 40	117 21	103 28	101 33	82 20	97 30	79 14	102 0.31 67	92 0.22 41	83 -16 21	90 1.4 60	84 -6.2 40	83 -35 40	92 2.7 47	82 -44 19	82 -8.4 20	108 -8.5 35	99 -0.1 20	104 12.5 42	76 -13 20	76 -21 20	80 -1.02 14	85 -0.93 13	85 -0.12 13
CS 230089 95833703	1	SS 160016 CS 180042		97 61	103 65	107 50	107 27	104 34	111 38	94 22	108 35	97 13	93 1.21 71	104 -0.22 49	93 -5 27	103 6.9 65	107 1.5 50	113 40 47	103 9.5 52	95 5 21	93 -3.0 23	103 -5.1 45	103 -0.8 24	93 5.8 52	93 -2 23	100 3 22	95 0.18 14	94 -0.58 12	103 0.47 12
CS 230090 95833729	2	SS 160016 CS 190007		102 63	109 67	103 51	106 28	100 38	113 40	95 23	111 37	98 14	93 1.18 72	111 -0.49 51	94 -5 28	109 9.5 67	103 0.0 51	113 41 49	104 10.2 53	97 11 22	92 -3.6 24	100 -2.5 48	100 -0.2 27	96 7.1 52	94 -2 24	100 3 24	96 0.26 14	102 -0.31 13	107 0.62 13
CS 230093 95833752	2	SS 160016 CS 160015		101 60	106 63	99 47	107 25	92 34	104 37	93 20	101 34	94 14	96 0.88 70	105 -0.27 47	93 -6 25	106 8.2 63	99 -1.2 47	107 26 45	100 7.5 50	93 -6 19	93 -3.4 21	87 7.0 46	98 0.2 21	91 4.4 49	92 -3 22	96 -1 21	89 -0.28 15	104 -0.24 14	97 0.28 13
CS 230096 95833786		AB 170021 CS 170018		91 58	111 63	106 48	76 28	105 26	95 36	114 43	98 37	115 6	87 1.78 70	103 -0.17 43	124 28 28	111 10.2 63	106 1.1 48	105 21 46	110 13.7 51	113 71 42	100 0.2 44	101 -3.2 35	107 -1.5 17	95 6.7 47	101 3 45	111 15 44	109 1.21 7	111 0.03 6	103 0.48 6
CS 230105 96155601	1	VL 180051 CS 150045		77 57	104 59	107 40	98 22	96 26	94 33	101 36	95 34	102 20	87 1.75 69	80 0.66 42	102 4 22	104 7.4 59	107 1.5 40	110 32 40	108 12.3 38	100 20 34	111 5.6 38	95 1.4 33	98 0.2 19	93 5.5 42	111 9 39	103 7 38	100 0.57 21	101 -0.32 19	83 -0.20 19

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values										Birth		Wean				Growth		Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
		Sire ID Dam ID																											
CS 230106 96155619	1	VL 180051 CS 150055	83 59	109 62	117 44	88 27	92 25	92 35	110 40	94 36	109 22	89 1.52 70	86 0.44 45	112 15 27	109 9.3 62	117 4.6 44	117 52 44	109 13.0 34	106 43 38	119 9.5 42	84 9.5 32	100 -0.1 18	89 3.1 46	122 16 43	112 16 41	103 0.80 22	115 0.16 21	90 0.05 20	
CS 230107 96155775	1	AB 170021 CS 180075	95 62	115 67	87 51	82 31	125 34	115 40	109 45	115 41	109 10	90 1.44 72	104 -0.24 48	118 21 31	115 11.9 67	87 -5.1 51	94 -7 50	117 17.8 55	109 53 44	97 -1.3 46	117 -15.7 44	123 -4.3 24	105 12.5 50	96 -1 46	105 8 46	104 0.85 11	107 -0.12 10	99 0.36 10	
CS 230109 96155791	2	SS 160016 CS 160042	98 66	95 65	104 50	115 29	104 38	109 40	86 24	105 37	89 14	96 0.91 73	102 -0.16 56	85 -14 29	95 3.6 65	104 0.3 50	106 24 48	95 4.8 46	88 -24 23	86 -6.7 25	104 -5.5 49	103 -0.8 28	102 10.8 54	88 -6 25	92 -5 25	88 -0.37 15	93 -0.63 14	101 0.43 14	
CS 230113 96155635		VL 180051 CS 170005	80 57	110 59	108 41	85 19	95 24	91 32	109 35	93 33	111 19	84 2.02 69	88 0.35 42	115 18 19	110 9.9 59	108 1.9 41	110 33 40	109 13.3 37	107 47 33	119 9.6 37	76 15.4 32	110 -1.9 16	88 2.7 41	117 13 38	112 16 36	108 1.13 20	100 -0.38 18	83 -0.20 18	
CS 230116 96155809	1	SS 160016 CS 200060	94 60	105 66	98 48	107 27	87 35	97 39	91 21	95 35	91 14	90 1.50 71	103 -0.18 47	93 -6 27	105 7.9 66	98 -1.5 48	106 22 47	110 13.3 53	92 -9 20	92 -3.7 22	87 7.1 47	90 1.7 23	93 5.8 50	92 -3 23	93 -3 22	88 -0.37 15	100 -0.38 14	98 0.32 14	
CS 230119 96322037	4	GN 150300 SN 140193	94 62	104 56	95 46	111 24	104 30	112 34	97 28	109 33	98 21	94 1.09 72	97 0.04 48	89 -9 24	104 7.5 56	95 -2.5 46	103 17 42	97 6.1 40	98 14 26	101 0.6 30	91 4.1 39	112 -2.4 22	101 10.4 53	107 6 30	99 2 28	106 1.01 22	98 -0.43 20	109 0.70 19	
CS 230120 96322052	5	CS 200050 CS 210016	98 55	119 61	100 40	99 20	101 30	116 34			105 12	89 1.59 67	110 -0.45 39	101 3 20	119 13.5 61	100 -1.0 40	114 43 40	108 12.2 43	103 33 17	105 2.6 19	98 -0.9 38	102 -0.6 21	102 10.8 41	105 5 19	108 11 18	102 0.69 13	108 -0.08 12	106 0.57 12	
CS 230128 96375357	2	GN 160393 WD 180013	96 62	107 58	110 51	106 36	110 29	119 37	104 42	118 38	106 21	99 0.64 72	95 0.12 50	94 -4 36	107 8.8 58	110 2.6 51	118 55 48	107 11.9 50	107 49 40	103 1.8 44	113 -12.7 37	104 -0.9 21	106 13.6 50	106 6 44	103 6 43	114 1.63 22	97 -0.48 20	98 0.32 19	
CS 230131 96305966	4	AB 170021 CS 190010	107 61	132 68	103 53	68 33	128 36	130 41	130 46	133 42	132 10	90 1.44 71	123 -0.95 49	132 36 33	132 19.0 68	103 0.1 53	113 42 51	125 22.3 56	130 134 45	114 7.2 47	119 -17.0 46	127 -5.1 27	107 14.3 52	114 11 47	129 32 47	128 2.69 11	107 -0.11 10	114 0.87 9	
CS 230132 96322060	3	GN 150300 CS 170064	100 60	106 66	93 47	106 25	101 33	108 38	105 26	108 36	104 20	105 0.00 71	92 0.21 46	94 -5 25	106 8.3 66	93 -3.3 47	101 10 46	105 10.9 48	106 42 25	106 3.3 29	88 6.2 42	109 -1.8 24	109 14.9 51	116 12 28	107 10 27	111 1.37 21	104 -0.24 19	110 0.72 19	
CS 230135 96306063	1	VL 180051 CS 170076	82 56	108 60	114 42	86 22	86 24	84 33	106 36	87 34	107 20	88 1.62 68	86 0.44 40	114 16 22	108 8.9 60	114 3.7 42	113 42 41	112 14.9 38	105 39 34	119 9.2 38	77 14.8 33	96 0.5 14	99 9.1 41	115 12 39	110 13 37	105 0.93 20	96 -0.52 19	81 -0.27 18	
CS 230136 96306048	5	CIS 180161 CS 190104	97 56	96 61	91 43	114 24	118 28	117 34	90 23	112 32	87 16	100 0.55 67	95 0.10 41	86 -13 24	96 3.8 61	91 -3.7 43	94 -7 43	96 5.5 45	92 -8 22	87 -6.1 24	106 -7.2 35	121 -3.9 22	102 11.2 42	87 -7 24	84 -12 24	87 -0.45 17	98 -0.43 15	97 0.28 15	

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values											Birth		Wean				Growth		Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
CS 230137 96306071	2		SS 160016 CS 200083	101 60	103 66	103 50	111 25	84 34	98 38			89 12	96 0.85 71	105 -0.26 47	89 -9 25	103 6.8 66	103 0.0 50	110 32 47	103 9.5 52	88 -24 17	91 -4.2 19	82 11.0 46	90 1.7 22	94 5.9 50	87 -6 20	92 -4 19	86 -0.59 12	92 -0.66 11	96 0.25 11	
CS 230141 96370846	6		SS 160016 CS 200011	104 61	101 67	89 51	113 29	79 36	92 40	82 24	88 37	85 16	98 0.67 71	107 -0.33 48	87 -12 29	101 6.0 67	89 -4.4 51	96 -2 49	93 3.7 46	83 -40 23	84 -7.4 25	82 11.2 48	83 2.9 24	99 9.3 52	81 -10 25	86 -11 25	81 -0.94 17	97 -0.47 15	96 0.25 15	
CS 230146 96306204	1		AB 170021 CS 150002	96 61	119 64	102 50	75 30	107 33	103 38	121 44	107 39	121 8	89 1.57 71	107 -0.34 49	125 29 30	119 13.6 64	102 -0.2 50	107 25 48	113 15.6 51	120 96 43	106 2.9 45	99 -1.8 43	111 -2.1 23	91 4.4 49	110 9 45	118 22 45	115 1.70 9	115 0.16 8	109 0.70 8	
CS 240003 97103501	3		CS 180031 EK 170046	88 57	82 61	99 41	121 27	101 25	95 34			78 15	97 0.75 68	83 0.53 43	79 -21 27	82 -2.1 61	99 -1.2 41	93 -9 43	86 -0.6 36	79 -54 18	85 -7.1 20	98 -1.2 28	102 -0.6 22	101 10.2 43	78 -12 20	77 -19 20	76 -1.36 16	101 -0.32 14	81 -0.26 14	
CS 240005 97103493	4		SS 160016 CS 140007	101 64	94 66	94 53	120 30	91 37	100 41	79 27	95 38	80 22	104 0.18 72	97 0.04 53	80 -19 30	94 3.1 66	94 -2.9 53	98 2 50	91 2.6 46	79 -56 26	82 -8.7 28	100 -2.2 49	87 2.1 25	95 7.0 53	78 -12 29	80 -16 28	77 -1.22 23	93 -0.64 21	86 -0.08 21	
CS 240006 97103519	2		CS 180031 CS 200019	106 56	100 60	100 43	106 22	122 31	122 35			96 10	101 0.39 67	106 -0.32 42	94 -5 22	100 5.8 60	100 -1.0 43	103 16 42	101 8.0 30	95 4 17	98 -0.8 18	117 -15.5 38	120 -3.7 24	104 11.9 43	97 0 18	96 -1 18	97 0.27 11	101 -0.33 10	97 0.28 10	
CS 240010 97119267	6		SS 160016 CS 180023	98 62	96 66	88 52	118 26	79 34	89 39	78 20	85 35	79 14	99 0.60 72	96 0.05 50	82 -17 26	96 4.0 66	88 -5.0 52	92 -12 48	93 3.5 46	76 -65 19	81 -8.9 22	80 12.8 45	84 2.7 22	96 7.6 52	77 -13 22	81 -16 21	73 -1.55 14	96 -0.51 13	95 0.20 13	
CS 240012 97119275	2		SS 160016 CS 170041	99 63	97 67	101 53	110 28	94 38	98 41	86 23	95 37	89 14	97 0.78 72	101 -0.10 51	90 -9 28	97 4.2 67	101 -0.7 53	103 15 49	96 5.5 46	89 -20 22	83 -8.0 24	95 1.1 49	95 0.8 27	96 7.4 53	86 -7 25	90 -7 24	87 -0.50 15	100 -0.37 13	103 0.50 13	
CS 240013 97103576	5		SS 160016 NP 170028	98 63	106 69	84 53	115 24	76 35	93 39	80 20	89 35	82 12	94 1.04 72	103 -0.18 51	85 -14 24	106 8.1 69	84 -6.1 53	96 -3 49	102 8.9 49	79 -56 18	82 -8.3 21	80 12.4 45	80 3.5 25	98 8.7 53	80 -11 21	83 -14 20	74 -1.49 13	100 -0.39 12	94 0.16 12	
CS 240015 97103535	3		SS 160016 CIS 160045	92 62	90 68	83 51	126 26	60 34	71 39	74 22	68 36	72 14	99 0.61 72	87 0.39 50	74 -25 26	90 1.3 68	83 -6.5 51	85 -30 48	92 2.9 48	74 -74 20	73 -12.7 22	69 20.9 46	64 6.3 21	96 7.3 51	71 -17 23	72 -25 22	67 -2.02 15	84 -0.93 13	88 -0.01 13	
CS 240019 97119283	2		SS 160016 CS 180056	99 62	101 67	98 50	113 27	89 36	100 40			89 12	98 0.75 71	101 -0.13 50	87 -12 27	101 6.0 67	98 -1.7 50	104 19 48	99 7.1 44	88 -21 18	91 -4.1 20	80 12.4 48	98 0.1 25	95 6.6 51	89 -5 20	92 -4 20	87 -0.49 12	92 -0.65 11	98 0.31 11	
CS 240029 97103550	1		SS 160016 CS 160018	89 62	96 65	102 52	107 25	79 36	82 39			86 12	94 1.05 71	89 0.31 50	93 -6 25	96 3.9 65	102 -0.4 52	102 12 47	95 4.7 44	86 -31 18	84 -7.6 20	86 7.8 47	79 3.5 24	91 4.5 49	87 -7 21	88 -9 20	82 -0.87 13	105 -0.21 11	99 0.37 11	

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal				Selection Values										Birth		Wean				Growth		Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Index EBV Acc		Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
		Sire ID	Dam ID																											
CS 240034 97103543	2	SS 160016	CS 180026	97 63	101 68	107 52	112 28	104 38	113 41	92 23	110 37	93 14	93 1.18 72	103 -0.21 51	88 -11 28	101 6.3 68	107 1.3 52	113 42 49	103 9.5 48	94 -1 22	91 -4.0 24	105 -6.3 49	102 -0.6 28	96 7.6 52	92 -3 25	96 -1 24	93 0.00 15	93 -0.63 14	104 0.51 14	
CS 240038 97456008	4	GN 150300	CS 190023	99 58	90 64	82 44	123 25	102 30	104 36	84 26	100 34	83 19	103 0.22 69	94 0.14 44	77 -23 25	90 1.4 64	82 -6.7 44	84 -34 44	91 2.3 43	84 -38 24	89 -5.1 28	95 1.4 39	107 -1.4 22	104 12.1 51	93 -3 27	85 -12 26	90 -0.24 20	86 -0.87 18	96 0.25 18	
CS 240040 97456081		CS 190119		105 47	92 53	97 35	101 16	118 23	107 28			89 11	103 0.20 59	102 -0.17 32	99 1 16	92 2.3 53	97 -2.0 35	92 -12 35	93 3.5 24	89 -20 14	93 -3.1 15	116 -14.4 28	115 -2.9 18	86 1.2 31	95 -2 15	88 -9 15	88 -0.36 11	111 0.03 11	91 0.09 10	
CS 240043 97456016	3	GN 150300	CS 190067	91 59	117 66	82 46	104 26	102 32	113 37	107 28	113 35	108 21	93 1.18 71	94 0.13 44	96 -3 26	117 12.6 66	82 -6.7 46	98 3 46	108 12.4 42	108 50 27	108 4.2 31	94 1.9 42	106 -1.3 23	105 12.5 51	113 11 30	109 13 30	116 1.77 22	93 -0.62 20	112 0.80 19	
CS 240044 97456065		GN 150300	CS 190047	94 60	93 66	99 46	113 26	106 34	105 38	93 27	103 36	95 20	96 0.91 71	95 0.11 45	87 -12 26	93 2.5 66	99 -1.3 46	99 5 46	95 4.7 44	95 3 26	96 -1.9 29	107 -7.7 43	104 -0.9 25	102 10.7 51	99 1 29	95 -1 28	102 0.71 21	90 -0.71 19	99 0.36 18	
CS 240045 97456099	2	CS 200073	CS 210141	104 56	106 60	116 43	96 28	107 30	112 35			107 10	97 0.82 67	110 -0.44 41	104 6 28	106 8.1 60	116 4.4 43	118 54 44	105 10.8 30	106 42 16	102 1.4 18	114 -13.4 38	100 -0.3 21	106 13.6 42	104 5 18	108 12 18	105 0.96 10	108 -0.10 9	106 0.59 9	
CS 240046 97456073		CS 160038		91 52	106 56	115 39	98 20	129 28	127 32			103 10	85 1.96 63	105 -0.25 37	102 4 20	106 8.1 56	115 4.0 39	118 53 38	106 11.4 26	104 38 17	102 1.4 19	124 -20.4 33	125 -4.7 22	86 1.1 36	106 6 19	104 7 19	103 0.80 11	113 0.11 10	102 0.46 10	
CS 240050 97470371	2	CS 210031	CS 190096	100 55	95 62	94 43	115 20	110 29	111 34			86 8	98 0.75 67	103 -0.19 40	85 -14 20	95 3.6 62	94 -3.0 43	96 -2 42	93 3.3 38	85 -33 14	87 -5.9 15	106 -7.1 37	110 -1.9 21	103 11.4 41	86 -7 16	87 -10 15	85 -0.60 9	97 -0.48 8	96 0.23 8	
CS 240054 97470389	3	GN 150300	CS 190078	91 60	107 66	84 45	111 25	96 32	105 37	95 27	103 35	96 20	94 1.09 71	92 0.21 45	89 -10 25	107 8.4 66	84 -6.1 45	95 -5 45	97 5.9 44	96 7 25	100 0.0 29	82 10.9 43	107 -1.5 22	104 11.9 51	102 3 29	98 1 28	102 0.69 21	95 -0.56 19	104 0.53 19	
CS 240057 97479158	4	CS 200073	CS 210048	101 55	112 59	103 41	88 29	97 22	99 33	105 20	100 30	105 10	99 0.57 67	101 -0.11 39	112 15 29	112 10.5 59	103 0.2 41	108 27 43	110 13.5 28	104 37 19	99 -0.5 20	93 2.4 29	100 -0.1 15	108 14.7 40	109 8 20	107 11 20	105 0.90 10	115 0.17 9	112 0.78 9	
CS 240058 97479166	3	CS 200073	CS 210051	97 54	101 62	110 41	101 28	96 27	99 35			93 10	98 0.71 67	96 0.05 38	99 1 28	101 6.0 62	110 2.5 41	111 37 44	99 7.0 31	93 -6 16	93 -3.2 17	100 -2.2 36	95 0.8 18	102 10.8 40	98 1 17	94 -2 17	89 -0.28 10	117 0.23 9	102 0.46 9	
CS 240060 97470355	3	GN 150300	CS 190051	94 60	110 66	76 46	112 25	97 33	108 38	96 28	106 36	97 20	96 0.93 71	96 0.07 46	88 -11 25	110 9.8 66	76 -9.0 46	89 -20 46	101 8.1 44	97 10 26	98 -0.7 30	87 7.3 42	105 -1.0 24	103 11.4 52	104 4 30	98 1 29	102 0.67 21	103 -0.28 19	106 0.61 19	

Breeding Values and Accuracies: Cows & Heifers

Animal			Selection Values									Birth		Wean				Growth		Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
		Sire ID Dam ID																										
CS 240061 97470041	2	CS 210007 CS 180044	99 56	93 62	94 42	113 20	104 29	104 34			84 10	95 0.95	104 -0.23	87 -12	93 2.7	94 -2.9	94 -7	95 4.9	83 -41	90 -4.7	106 -7.3	102 -0.5	98 8.4	87 -7	85 -12	83 -0.80	95 -0.55	90 0.03
CS 240062 97470058	2	CS 210007 CS 190125	98 56	114 62	104 40	99 20	106 30	117 34			105 10	89 1.59	111 -0.47	101 2	114 11.4	104 0.5	114 45	114 15.7	102 30	107 3.8	101 -3.7	108 -1.6	94 6.3	103 4	107 10	103 0.78	97 -0.49	100 0.39
CS 240064 97470074	1	CS 210007 CS 150004	102 56	107 60	106 43	97 15	120 28	120 32			103 10	97 0.77	106 -0.31	103 6	107 8.4	106 1.2	110 33	104 9.9	102 28	103 1.8	116 -14.9	118 -3.3	88 2.6	105 5	104 7	99 0.47	112 0.06	103 0.48
CS 240067 97470405	3	CIS 140008 GN 150309	94 61	88 56	79 43	122 28	91 32	91 35	86 27	89 33	85 19	98 0.72	92 0.21	78 -22	88 0.7	79 -7.8	79 -47	85 -0.9	87 -25	90 -4.5	98 -1.4	87 2.1	99 9.0	93 -3	86 -11	85 -0.59	100 -0.39	88 -0.02
CS 240070 97470082	2	SS 160016 CS 180045	98 63	97 68	93 53	116 27	88 37	96 40	83 23	93 37	86 14	93 1.16	104 -0.24	84 -15	97 4.5	93 -3.2	98 3	96 5.6	85 -32	80 -9.4	84 9.4	93 1.0	94 6.3	79 -12	86 -10	84 -0.69	89 -0.75	97 0.28
CS 240071 97516595	2	SS 160016 CS 170036	98 63	83 68	100 54	126 29	96 39	99 41	77 23	93 37	79 14	98 0.74	100 -0.07	74 -26	83 -1.7	100 -0.9	97 0	87 0.2	79 -55	77 -10.8	107 -7.6	90 1.6	97 8.3	78 -13	79 -17	79 -1.09	89 -0.77	96 0.24
CS 240072 97516363	4	CIS 140008 NP 180040	98 61	91 66	94 46	104 24	79 28	75 36	101 22	77 33	97 16	102 0.34	93 0.16	96 -2	91 1.7	94 -3.0	89 -20	88 0.9	99 18	98 -0.9	84 9.5	82 3.1	95 6.9	101 3	97 1	91 -0.19	112 0.05	93 0.15
CS 240075 97516553	2	SS 160016 CS 170049	100 62	105 68	102 52	108 28	99 38	109 41	94 23	106 37	98 14	96 0.91	105 -0.25	92 -7	105 7.6	102 -0.2	109 32	102 8.6	97 10	92 -3.7	100 -2.7	98 0.1	94 5.9	95 -1	100 3	97 0.28	102 -0.32	108 0.66
CS 240076 97516561	3	CS 210031 CS 140027	99 56	99 59	114 43	104 18	112 28	113 33			102 10	97 0.79	101 -0.13	96 -2	99 5.3	114 3.9	115 47	97 6.2	103 32	99 -0.1	109 -9.7	110 -1.9	92 4.8	105 5	103 6	101 0.61	114 0.12	109 0.68
CS 240078 97516579	4	CS 210007 CS 190072	97 56	94 63	94 41	110 17	92 28	92 33			83 14	94 1.10	102 -0.17	90 -8	94 2.9	94 -3.0	93 -9	95 4.5	81 -50	88 -5.7	102 -4.4	86 2.3	98 8.6	83 -9	83 -14	78 -1.20	105 -0.19	88 -0.03
CS 240085 97516454	4	CS 200073 CS 210077	104 54	104 61	95 40	106 20	98 24	105 32	91 20	102 30	91 12	101 0.40	105 -0.25	94 -5	104 7.2	95 -2.6	101 10	101 8.4	92 -9	88 -5.6	100 -2.7	96 0.5	106 13.1	90 -5	91 -6	90 -0.27	99 -0.42	99 0.35
CS 240092 97516421	1	SS 160016 CS 190038	92 63	96 67	115 52	109 27	113 37	113 40	88 21	109 36	91 12	85 1.92	106 -0.29	91 -8	96 4.0	115 4.2	116 49	100 7.4	90 -16	88 -5.5	120 -17.4	104 -1.0	93 5.8	86 -7	93 -3	88 -0.36	92 -0.67	96 0.25

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values										Birth		Wean				Growth		Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	
		Sire ID Dam ID																											
CS 240093 97749865	2	CS 200073 CS 210023	99 54	111 61	98 39	90 22	94 26	96 33				102 10	97 0.80 67	101 -0.13 38	110 13 22	111 10.3 61	98 -1.4 39	103 16 41	110 13.8 31	101 26 17	97 -1.3 18	94 2.1 35	95 0.7 17	105 12.6 39	104 5 18	104 7 18	101 0.63 10	109 -0.04 9	106 0.57 9
CS 240096 97721930	3	CS 210007 GN 150204	94 58	107 63	87 42	108 26	92 30	101 36	87 22	98 33	88 14		90 1.50 70	103 -0.19 43	92 -7 26	107 8.4 63	87 -5.2 42	97 -1 44	104 10.0 36	86 -29 22	87 -5.9 24	101 -3.1 38	89 1.9 21	100 9.7 45	90 -5 24	88 -8 23	87 -0.46 15	100 -0.37 14	94 0.17 13
CS 240098 97789010		SN 120154	96 52	89 56	97 36	111 15	104 19	98 28				80 10	100 0.48 64	92 0.23 37	89 -9 15	89 0.9 56	97 -2.0 36	93 -10 36	90 1.9 20	79 -54 18	80 -9.6 20	105 -6.0 24	103 -0.7 14	74 -5.9 36	84 -8 20	76 -20 20	79 -1.13 11	121 0.37 10	91 0.09 9
CS 240100 97897086		CS 200049 CS 160055	106 57	85 61	110 45	106 16	102 28	94 33				86 12	106 -0.04 68	101 -0.12 43	94 -4 16	85 -0.7 61	110 2.4 45	101 10 41	89 1.2 27	84 -38 14	91 -3.9 16	111 -10.9 36	95 0.7 21	107 14.1 40	87 -7 16	85 -12 16	81 -0.93 12	112 0.07 11	88 -0.03 11
CS 240101 97721948	4	CIS 140008 CS 190003	99 60	96 65	84 46	110 27	87 30	89 37	97 26	90 35	96 17		95 0.94 71	103 -0.19 46	90 -9 27	96 4.0 65	84 -6.2 46	86 -28 46	91 2.6 44	97 9 24	97 -1.2 26	91 4.2 38	88 1.9 22	96 7.6 50	94 -2 27	96 -1 26	92 -0.12 18	109 -0.06 16	97 0.27 16
CS 240103 97736052	1	CS 200049 GN 150270	100 59	90 65	88 45	103 24	104 27	93 35	78 20	88 32	79 14		100 0.51 70	99 -0.05 45	97 -1 24	90 1.6 65	88 -5.0 45	83 -35 45	94 4.1 36	78 -59 19	78 -10.3 22	110 -10.2 35	99 0.0 19	107 14.1 45	80 -11 21	78 -18 21	79 -1.13 15	100 -0.36 14	88 -0.04 13
CS 240104 97721955	3	CS 200073 CS 210093	105 56	109 62	99 41	103 23	116 30	123 35				99 10	99 0.65 68	108 -0.39 41	97 -1 23	109 9.4 62	99 -1.1 41	108 28 42	108 12.3 35	98 14 15	99 -0.4 16	111 -10.8 38	115 -2.9 21	108 14.7 42	98 1 17	100 4 16	98 0.36 10	102 -0.29 9	104 0.51 9
CS 240105 97721963	4	CS 200073 CS 210153	95 57	105 60	104 42	111 24	108 31	118 35	95 20	114 32	98 10		92 1.24 68	101 -0.13 42	89 -10 24	105 7.7 60	104 0.5 42	113 41 42	104 10.0 32	96 9 19	92 -3.4 20	116 -14.5 39	100 -0.1 23	106 13.2 43	96 -1 21	97 1 20	97 0.31 11	109 -0.05 10	105 0.57 10
CS 240108 97721989	1	CS 210007 CS 150046	92 56	106 59	120 40	97 15	88 26	95 31				105 10	90 1.49 68	101 -0.10 40	103 5 15	106 8.3 59	120 5.6 40	122 64 38	106 11.0 27	104 35 14	105 2.9 16	92 3.8 34	88 2.0 18	89 3.3 40	107 6 16	106 9 15	102 0.67 11	112 0.05 10	102 0.47 9
CS 240109 97721997	2	CS 210007 CS 190007	100 58	103 63	111 43	104 21	113 32	118 36	98 20	115 33	99 12		93 1.15 69	107 -0.35 43	96 -3 21	103 7.1 63	111 2.9 43	116 48 42	105 10.4 38	98 15 19	97 -1.3 21	113 -12.5 38	109 -1.7 25	97 7.8 44	98 0 21	99 2 20	99 0.44 13	105 -0.19 12	102 0.45 11
CS 240110 97722003	3	CS 200049 WIO 150141	97 59	97 65	99 44	107 23	100 28	100 35	97 26	99 33	92 20		94 1.06 70	101 -0.13 44	93 -5 23	97 4.3 65	99 -1.3 44	99 7 44	97 5.7 34	92 -7 26	87 -5.8 28	99 -1.9 36	100 -0.3 20	111 16.2 44	91 -4 28	90 -7 27	91 -0.19 21	116 0.21 19	97 0.30 19
CS 240111 97722011	2	CIS 140008 CS 170069	96 58	91 62	95 42	105 21	87 26	82 34	99 20	83 31	97 14		99 0.62 70	94 0.14 43	95 -3 21	91 2.0 62	95 -2.7 42	91 -16 42	88 0.5 37	98 14 19	103 1.7 20	86 8.3 37	91 1.4 15	95 6.5 46	100 2 21	97 1 20	92 -0.11 14	109 -0.05 13	91 0.07 13

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values										Birth		Wean				Growth		Fertility				Frame		Carcass		
ID	% Inbreeding	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
Animal no																													
CS 240112	3		SS 160016 CS 170065	96 63	101 68	105 52	108 27	103 38	109 41	90 23	105 37	93 14	93 1.18 72	102 -0.17 51	92 -7 27	101 6.2 68	105 0.6 52	109 31 49	102 8.8 46	91 -11 22	91 -4.0 24	106 -7.2 49	100 -0.1 27	99 9.1 53	89 -5 24	95 -1 23	93 -0.03 15	89 -0.79 14	101 0.42 13
CS 240116	1		SS 160016 CS 140041	99 62	103 65	99 51	106 24	91 33	98 38			94 14	98 0.75 71	101 -0.11 51	94 -4 24	103 6.7 65	99 -1.2 51	104 18 47	98 6.8 42	92 -9 18	93 -3.4 20	91 4.6 45	94 0.9 21	90 3.9 50	90 -5 20	95 -1 20	89 -0.32 14	99 -0.42 13	93 0.14 13
CS 240117	2		SS 160016 CS 190069	106 61	105 67	103 51	109 26	82 36	99 39			95 12	99 0.60 71	110 -0.43 48	91 -8 26	105 7.9 67	103 0.2 51	111 37 48	103 9.3 46	93 -4 18	97 -1.3 20	81 11.7 48	88 2.0 24	99 9.2 50	93 -3 20	98 2 19	91 -0.15 12	92 -0.66 11	99 0.35 11
CS 240119	2		CS 200049 CS 170015	94 56	105 60	115 43	87 14	106 19	100 30			105 12	93 1.18 66	98 -0.01 42	113 15 14	105 7.7 60	115 4.1 43	113 41 39	106 11.0 25	102 30 15	107 3.5 17	103 -5.0 24	106 -1.2 14	101 10.4 40	107 6 17	106 10 17	100 0.52 12	125 0.54 11	103 0.48 11
CS 240129	1		AB 170021 CS 190055	98 60	117 66	104 48	73 28	106 34	100 39	119 45	104 40	118 12	91 1.38 71	107 -0.36 45	127 31 28	117 13.0 66	104 0.3 48	106 25 47	118 18.2 48	117 84 44	106 3.2 46	102 -4.4 44	107 -1.4 24	100 9.6 49	107 6 47	114 17 46	112 1.51 12	110 -0.02 11	106 0.59 11
CS 240131	3		CS 210007 CS 180070	97 56	101 49	94 36	104 18	111 28	110 30			95 13	96 0.94 68	100 -0.10 40	96 -3 18	101 6.2 49	94 -2.8 36	98 3 34	102 8.7 35	95 3 16	101 0.9 18	117 -15.5 37	103 -0.7 19	96 7.6 40	96 -1 18	96 -1 18	93 -0.02 14	102 -0.32 12	92 0.12 12
CS 240133			CS 210130	101 47	98 54	107 30	108 18	101 23	104 29			91 6	100 0.50 61	100 -0.08 30	92 -6 18	98 4.6 54	107 1.5 30	109 30 34	97 6.2 24	89 -17 11	90 -4.8 12	109 -9.3 30	94 0.8 16	88 2.4 31	89 -6 12	92 -5 12	89 -0.34 7	97 -0.49 6	93 0.13 6
CS 240136	1		CIS 140008 CS 170080	96 60	91 64	95 47	105 22	81 23	78 34	100 20	80 31	97 14	97 0.77 71	96 0.06 45	95 -3 22	91 2.0 64	95 -2.4 47	92 -14 44	88 0.3 40	97 12 19	100 0.3 20	86 8.0 32	83 2.8 14	100 9.7 47	101 3 21	97 1 20	91 -0.13 14	115 0.17 13	94 0.19 13
CS 240138			CS 200049 CS 180065	91 57	102 62	106 41	96 18	112 30	108 34			100 12	87 1.78 68	103 -0.18 43	104 6 18	102 6.7 62	106 1.3 41	107 26 40	104 9.9 33	97 11 18	99 -0.1 20	116 -14.6 37	106 -1.3 24	104 12.4 44	96 -1 20	99 2 19	97 0.31 13	114 0.13 12	98 0.32 12
CS 240155	1		CIS 140008 CS 150045	91 60	84 62	87 43	117 23	82 28	77 35	89 20	77 32	87 14	98 0.74 71	89 0.33 46	83 -16 23	84 -1.0 62	87 -5.2 43	82 -39 43	82 -2.8 38	88 -24 20	91 -4.2 21	91 4.3 37	80 3.4 20	90 4.0 47	91 -4 22	85 -11 21	82 -0.85 14	113 0.10 13	90 0.04 13
CS 240157	2		CIS 140008 CS 160040	100 59	91 62	109 43	103 21	88 26	85 34	104 20	87 31	101 14	98 0.73 70	102 -0.16 44	97 -1 21	91 1.9 62	109 2.0 43	103 16 42	87 0.0 38	103 32 18	107 3.6 20	88 6.5 37	91 1.4 14	90 3.7 47	104 5 20	103 6 20	95 0.18 14	110 -0.02 13	93 0.14 13
CS 240168			CS 210127	98 47	79 51	104 31	113 15	110 22	97 27			80 7	101 0.45 61	96 0.08 29	87 -12 15	79 -3.3 51	104 0.5 31	93 -9 32	86 -0.3 26	79 -56 11	84 -7.4 12	113 -12.6 29	104 -1.0 16	89 2.9 31	82 -10 12	79 -18 11	79 -1.07 7	100 -0.37 7	86 -0.11 6

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values									Birth		Wean				Growth		Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
CS 240170 98294754		CS 210184	99 48	96 51	112 33	91 21	115 24	103 29			99 12	97 0.83 61	101 -0.13 32	109 11 21	96 4.0 51	112 3.0 33	105 21 35	100 7.9 24	97 12 17	96 -1.5 18	115 -14.0 30	110 -2.0 18	90 3.4 34	100 2 18	100 3 18	97 0.32 12	104 -0.22 11	102 0.45 11
CS 240172 98294762	3	SS 160016 CS 210026	103 61	101 65	92 47	107 27	102 34	106 38	91 22	103 35	92 14	102 0.36 71	102 -0.15 48	93 -5 27	101 6.1 65	92 -3.5 47	97 -1 46	100 7.9 46	92 -8 22	90 -4.8 24	104 -5.4 46	100 -0.2 22	97 8.3 50	92 -3 24	94 -2 23	90 -0.22 14	95 -0.56 13	100 0.40 13
CS 240180 98294838	4	CS 210009 CS 210140	100 53	107 56	93 38	104 21	91 28	100 32			107 14	99 0.61 66	100 -0.10 37	96 -3 21	107 8.6 56	93 -3.3 38	101 10 38	102 9.1 36	108 50 18	109 4.5 19	82 11.0 37	99 0.0 19	104 12.0 41	108 7 20	109 12 19	107 1.05 14	95 -0.55 13	109 0.69 13
CS 250006 98487234		CS 150008	92 50	100 28	105 34	95 16	111 21	103 22			103 6	92 1.25 62	96 0.07 34	105 7 16	100 5.7 28	105 0.7 34	103 16 26	99 7.0 18	100 23 10	101 0.8 11	106 -7.0 26	112 -2.3 16	70 -8.6 27	104 4 11	101 5 11	99 0.44 6	121 0.37 5	99 0.36 5
CS 250016 98561699		CS 180046	87 46	92 30	111 25	95 7	94 20				95 8	93 1.17 60	87 0.40 29	105 7 7	92 2.4 30	111 2.8 25	103 17 21	92 3.3 21	91 -11 9	97 -1.3 10	104 -5.8 25	89 1.9 15	77 -3.8 24	94 -2 11	94 -3 10	89 -0.34 8	117 0.23 7	93 0.14 7
CS 250020 98605322		NP 130018	87 53	99 36	106 36	96 13	97 24	91 24			93 15	91 1.36 64	90 0.29 39	104 6 13	99 5.3 36	106 1.1 36	104 19 28	100 7.5 30	88 -23 18	94 -2.7 21	102 -4.2 29	94 0.9 18	82 -0.9 34	92 -4 21	92 -5 20	84 -0.67 16	124 0.50 14	97 0.29 14
CS 250022 98590383		CS 200025	107 47	101 51	113 32	94 11	101 16	100 25			104 5	106 -0.05 61	102 -0.17 29	106 9 11	101 6.0 51	113 3.6 32	111 36 31	99 7.1 20	101 24 8	104 2.1 9	101 -3.0 22	101 -0.4 10	85 0.4 30	102 3 9	105 9 8	99 0.46 5	106 -0.15 5	96 0.26 5
CS 250023 98590391		CS 160017	106 49	92 51	112 35	97 13	99 23	92 27			95 10	106 -0.03 61	101 -0.10 34	103 5 13	92 2.1 51	112 3.0 35	104 19 33	92 2.9 20	94 -1 14	98 -0.7 15	105 -6.3 28	96 0.6 18	85 0.9 30	97 0 15	94 -3 15	93 0.02 11	113 0.09 10	91 0.07 10
CS 250032 98900905		CS 170076	101 45	88 47	117 32	97 10	95 16	85 23				104 0.16 56	96 0.06 31	103 5 10	88 0.4 47	117 4.7 32	106 23 30	91 2.5 14	89 -19 7	96 -1.7 7	97 -0.2 26	95 0.8 7	84 0.0 27	92 -3 7	91 -6 7			
CS 250034 98900921		CS 170025	95 44	92 46	112 29	102 10	109 20	101 24			91 10	97 0.84 56	95 0.10 28	98 0 10	92 2.3 46	112 3.1 29	106 24 28	93 3.8 14	89 -20 10	94 -2.5 11	116 -14.5 26	101 -0.3 13	82 -1.1 28	91 -4 11	89 -7 11	88 -0.40 10	108 -0.08 10	85 -0.14 9
CS 250037 99240830		CS 220015	101 47	95 53	111 30	100 19	100 20	97 28			95 7	102 0.29 61	98 0.01 29	100 2 19	95 3.7 53	111 2.7 30	107 26 34	95 4.6 26	93 -6 12	97 -1.5 13	105 -6.0 28	96 0.5 11	76 -4.4 31	97 0 13	97 0 13	90 -0.27 7	112 0.04 7	96 0.25 6
CS 250038 99225146		CS 180012	102 50	95 55	114 36	97 16	119 26	110 30			100 8	101 0.43 62	101 -0.13 35	103 5 16	95 3.3 55	114 3.9 36	109 30 36	97 6.1 24	98 15 14	97 -1.2 16	120 -17.5 30	114 -2.6 21	80 -2.3 34	98 1 16	99 2 15	99 0.46 9	112 0.05 8	98 0.32 8

Breeding Values and Accuracies: Cows & Heifers

Breeding values with an accuracy < 5% are not printed																													
Animal			Selection Values									Birth		Wean				Growth		Fertility				Frame		Carcass			
ID Animal no	% Inbreeding	Index EBV Acc	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
CS 250041 99225161			CS 160024	94 51	94 54	115 38	102 17	125 26	116 30			96 10	92 1.23 62	99 -0.05 36	98 0 17	94 3.2 54	115 3.9 38	110 35 36	98 6.5 26	95 3 16	94 -2.7 17	123 -19.7 31	120 -3.8 21	77 -4.2 35	97 0 18	95 -2 17	96 0.24 10	113 0.10 9	99 0.35 9
CS 250043 6020241953			CS 220017	91 47	106 33	107 27	96 15	94 20	97 22			98 7	91 1.34 61	96 0.05 29	104 6 15	106 8.2 33	107 1.4 27	110 33 25	103 9.7 26	95 3 12	99 -0.4 13	99 -2.0 29	92 1.2 12	77 -4.0 28	99 1 13	99 3 13	92 -0.07 7	112 0.07 7	97 0.30 6
CS 250045 99225187			CS 200019	103 49	83 55	119 34	102 16	120 25	105 29			93 10	102 0.30 61	101 -0.11 33	98 -1 16	83 -1.4 55	119 5.4 34	107 25 35	89 1.1 22	92 -9 14	93 -3.3 16	126 -21.9 30	110 -1.9 20	78 -3.8 34	94 -2 16	92 -5 15	92 -0.08 10	106 -0.15 9	92 0.12 9
CS 250046 99225195			CS 180056	98 50	100 54	108 34	97 15	107 24	104 29			101 6	97 0.76 62	99 -0.04 34	103 5 15	100 5.7 54	108 1.9 34	108 27 34	101 8.2 20	99 18 9	105 2.7 10	94 2.0 29	114 -2.7 18	80 -2.5 32	103 4 10	102 5 10	99 0.49 6	107 -0.11 6	96 0.25 6
CS 250050 99225229			CS 160038	98 52	99 55	115 39	97 20	129 28	122 32			104 10	94 1.11 63	104 -0.22 37	103 5 20	99 5.3 55	115 3.9 39	112 39 38	101 8.0 26	105 41 17	103 1.7 19	124 -20.7 33	125 -4.6 22	81 -1.6 36	107 6 19	105 8 19	104 0.86 11	114 0.12 10	103 0.48 10
CS 250054 99225252			CS 190078	94 49	98 54	104 33	101 12	100 22	97 27			91 8	97 0.81 62	94 0.15 32	99 1 12	98 4.7 54	104 0.6 33	104 17 33	93 3.5 24	89 -19 12	94 -2.6 13	92 3.2 29	105 -1.1 15	78 -3.3 32	90 -5 13	91 -6 13	88 -0.38 8	108 -0.10 7	92 0.12 7
CS 250055 99330326			CS 170036	100 50	104 55	103 38	100 19	115 28	115 31			105 10	98 0.67 62	102 -0.14 35	100 2 19	104 7.3 55	103 0.2 38	107 25 37	105 10.7 28	103 33 16	104 2.2 17	114 -13.2 33	112 -2.3 23	82 -1.1 35	105 5 18	104 7 17	105 0.95 11	108 -0.09 10	102 0.44 10
CS 250057 99330334			CS 190082	93 48	103 53	104 31	95 13	87 22	87 27			100 8	92 1.27 61	99 -0.03 31	105 7 13	103 6.9 53	104 0.4 31	105 19 32	99 7.0 25	97 12 12	101 0.7 13	86 8.1 29	91 1.4 16	80 -2.5 32	100 2 13	100 4 13	96 0.26 9	112 0.06 8	97 0.27 8
CS 250058 99331027			CS 200087	92 48	107 54	111 33	95 13	96 22	99 28			104 8	91 1.39 61	98 -0.02 31	105 8 13	107 8.8 54	111 2.7 33	114 43 33	106 11.1 26	102 29 11	103 1.8 12	102 -4.3 29	93 1.1 14	81 -1.5 31	105 5 12	106 9 11	101 0.59 8	108 -0.09 7	100 0.40 7
CS 250059 99330342			CS 160002	95 49	96 52	118 35	95 11	115 20	105 26			101 10	96 0.88 61	96 0.07 33	105 7 11	96 3.8 52	118 5.2 35	112 39 33	97 5.8 16	99 18 11	104 2.0 12	116 -15.0 26	109 -1.8 15	76 -4.9 30	103 3 12	102 5 12	98 0.36 10	112 0.07 9	91 0.07 9
CS 250061 99331035			NP 170028	98 51	107 57	94 38	98 7	94 22	97 28			95 8	96 0.85 64	101 -0.10 35	102 4 7	107 8.4 57	94 -2.8 38	99 6 34	105 10.5 29	91 -11 10	98 -0.8 11	93 2.4 26	96 0.5 19	83 -0.6 35	95 -1 11	94 -3 11	88 -0.39 8	115 0.17 7	93 0.14 7
CS 250067 99330375			CS 190012	95 50	100 55	109 36	97 16	115 24	109 29			100 10	93 1.16 62	100 -0.07 34	103 5 16	100 5.6 55	109 2.1 36	108 27 36	102 9.0 27	98 15 14	99 -0.3 16	118 -15.9 29	108 -1.7 20	79 -3.1 34	100 2 16	99 3 15	99 0.48 10	108 -0.08 9	96 0.25 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		Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
		Sire ID Dam ID																										
CS 250077 99352189		CS 220031	94 46	124 53	109 30	76 19	108 20	110 28	120 22	113 27		88 1.69 61	105 -0.26 27	124 28 19	124 15.7 53	109 2.1 30	116 49 34	121 19.9 23	120 94 21	116 7.9 22	103 -4.9 28	109 -1.9 12	85 0.7 29	115 11 23	122 25 22			
CS 250083 99330474		CS 160022	104 52	106 54	102 39	94 16	122 26	119 30			105 8	102 0.33 63	102 -0.17 37	106 8 16	106 8.1 54	102 -0.1 39	105 20 36	105 10.4 24	103 34 15	102 1.1 17	118 -16.4 31	119 -3.6 21	76 -4.5 35	104 4 17	104 7 17	104 0.88 9	116 0.19 8	102 0.47 8
CS 250086 99330490		CS 180019	99 50	88 54	117 36	101 15	122 24	108 29			94 8	99 0.65 62	99 -0.04 35	99 1 15	88 0.4 54	117 4.9 36	108 28 35	92 3.2 25	92 -6 13	94 -2.6 14	121 -18.6 29	116 -3.0 20	80 -2.6 33	91 -4 15	93 -4 14	93 -0.04 9	105 -0.19 8	88 -0.02 8
CS 250088 99330516		CS 210080	104 47	97 53	97 33	108 24	102 18	103 28			94 5	106 -0.02 61	98 -0.01 30	92 -6 24	97 4.3 53	97 -1.9 33	98 4 37	97 6.1 19	90 -14 8	97 -1.1 9	98 -1.4 23	104 -0.8 14	82 -1.1 30	94 -2 9	92 -4 9	91 -0.18 5	105 -0.19 5	90 0.05 5
CS 250091 99486268		CS 220038	87 46	96 53	109 30	94 18	109 20	97 27	97 22	97 26		88 1.62 61	94 0.13 27	106 8 18	96 4.1 53	109 2.2 30	105 19 34	101 8.0 26	96 7 21	92 -3.7 22	110 -10.2 28	105 -1.2 12	79 -2.8 29	93 -3 23	95 -2 22	93 -0.02 5		
CS 250094 99486276		CS 210048	99 47	121 52	109 31	73 25	105 14	104 27			120 7	97 0.77 61	102 -0.15 29	127 31 25	121 14.6 52	109 2.2 31	114 43 36	119 18.7 16	116 80 15	115 7.3 16	94 1.9 17	111 -2.1 10	83 -0.3 30	121 15 17	121 24 16	118 1.90 7	119 0.31 7	109 0.71 7
CS 250106 99486359		CS 170002	93 49	96 53	108 34	96 9	93 22	87 27			96 6	99 0.60 61	89 0.32 33	104 6 9	96 3.9 53	108 1.7 34	103 16 32	97 5.7 12	93 -3 9	96 -2.0 10	92 3.8 28	96 0.5 16	76 -5.0 30	98 0 10	94 -3 10	93 -0.01 6	118 0.29 5	95 0.21 5
CS 250111 99486383		CS 150019	95 50	75 52	111 32	103 14	121 20	95 27			78 8	103 0.23 62	87 0.40 35	97 -1 14	75 -4.8 52	111 2.8 32	94 -8 33	82 -3.2 8	76 -66 8	84 -7.4 9	121 -18.4 26	114 -2.8 15	74 -6.2 30	82 -10 10	77 -19 9	77 -1.23 8	102 -0.31 7	83 -0.21 7
CS 250120 99486433		CS 190098	96 49	89 55	120 36	101 14	120 24	108 29			92 7	93 1.13 61	101 -0.10 33	99 1 14	89 0.9 55	120 5.7 36	111 36 35	94 4.0 24	90 -15 12	92 -3.5 14	123 -20.3 28	113 -2.4 19	75 -5.4 32	90 -5 14	91 -6 13	90 -0.21 7	104 -0.24 7	88 -0.02 7
CS 250121 99486441		CS 200088	97 48	95 56	100 33	104 16	86 22	86 29			87 8	100 0.51 61	95 0.10 31	96 -3 16	95 3.6 56	100 -0.7 33	99 6 35	96 5.3 26	86 -29 13	85 -7.0 14	90 4.7 30	86 2.3 15	79 -2.7 32	89 -5 15	87 -10 14	83 -0.82 9	103 -0.28 8	92 0.12 8
CS 250122 99578619		CS 200002	101 47	81 55	105 33	109 15	94 22	85 28			81 7	103 0.26 61	98 0.00 30	91 -8 15	81 -2.2 55	105 0.9 33	95 -5 34	82 -3.0 24	79 -54 11	83 -7.9 12	97 -0.3 27	93 1.1 16	78 -3.6 31	81 -10 12	80 -17 12	77 -1.27 7	110 -0.02 7	87 -0.07 6
CS 250132 99878043		CS 150004	103 49	84 53	117 36	102 8	125 22	108 27			87 6	103 0.21 61	99 -0.06 34	98 0 8	84 -1.3 53	117 4.7 36	105 20 32	86 -0.3 14	87 -27 10	89 -5.3 11	124 -20.6 26	119 -3.5 17	72 -7.3 30	92 -4 11	86 -10 11	83 -0.76 7	117 0.23 6	91 0.09 6

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values									Birth		Wean				Growth		Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
		Sire ID Dam ID																										
CS 250134 99878068		CS 180057	95 49	114 56	111 36	89 17	114 26	116 30			112 8	93 1.22 61	102 -0.14 34	111 14 17	114 11.7 56	111 2.8 36	116 50 36	113 15.1 23	110 58 16	107 3.6 17	106 -7.4 30	115 -2.9 22	78 -3.3 35	110 8 18	111 14 17	110 1.32 9	118 0.28 8	107 0.62 8
CS 250135 99878076		CS 220035	99 46	99 54	101 30	101 17	102 20	101 27			90 8	97 0.79 61	101 -0.13 27	99 1 17	99 5.4 54	101 -0.4 30	102 13 34	99 7.1 26	89 -17 10	93 -3.4 11	102 -4.2 29	102 -0.5 12	81 -1.5 30	92 -3 12	91 -5 11	88 -0.42 8	104 -0.23 7	93 0.14 7
CS 250138 99878084		CS 150023	99 50	88 29	105 36	101 14	117 20	103 22				103 0.23 62	94 0.12 35	99 1 14	88 0.6 29	105 0.9 36	97 1 26	88 0.6 16	89 -18 5	95 -2.1 6	119 -16.8 25	111 -2.1 15	78 -3.4 27	92 -3 6	91 -6 6			
CS 250139 99878092		CS 170065	94 50	96 35	117 35	96 15	121 26	111 25			100 10	93 1.15 62	99 -0.05 35	104 6 15	96 4.0 35	117 4.7 35	112 38 28	100 7.9 24	97 10 15	101 0.5 17	122 -19.0 31	114 -2.7 22	83 -0.4 32	98 1 17	99 2 16	100 0.53 11	102 -0.29 10	96 0.26 9
CS 250143 99878118		CS 190003	105 50	93 31	108 33	99 18	111 22	103 23			98 10	102 0.28 62	103 -0.20 35	101 3 18	93 2.6 31	108 1.6 33	102 13 27	94 4.3 24	95 5 17	97 -1.1 18	114 -13.2 25	105 -1.1 18	78 -3.4 32	93 -3 18	97 1 18	95 0.19 11	108 -0.10 10	96 0.23 10
CS 250146 99878134		CS 220056	101 46	89 34	104 25	110 13	96 21	94 22			85 6	101 0.39 61	99 -0.03 27	90 -9 13	89 1.2 34	104 0.4 25	100 8 24	92 2.9 27	83 -41 10	86 -6.6 11	97 -0.5 29	96 0.5 13	81 -1.8 27	84 -8 11	85 -12 10	82 -0.86 6	100 -0.38 6	90 0.06 6
CS 250148 99878159		CS 190038	91 50	98 34	125 35	93 14	131 24	119 24			103 7	85 1.89 62	104 -0.22 35	107 9 14	98 4.7 34	125 7.5 35	119 57 28	103 9.5 26	100 21 12	102 1.0 14	133 -27.6 30	120 -3.9 19	76 -4.4 30	99 1 14	102 5 13	101 0.58 7	107 -0.14 7	94 0.18 7
CS 250153 99878183		CS 220058	100 46	87 34	91 23	107 12	78 18	72 21			90 8	107 -0.12 61	90 0.28 26	93 -5 12	87 -0.1 34	91 -3.7 23	85 -31 23	87 0.2 26	90 -13 11	94 -2.8 12	80 12.3 27	82 3.1 9	82 -1.1 26	92 -4 12	89 -8 12	85 -0.64 8	106 -0.17 8	88 -0.01 8
CS 250154 99878191		CS 190076	99 48	95 33	107 32	98 13	101 24	95 23			96 8	98 0.67 61	100 -0.07 31	102 4 13	95 3.7 33	107 1.6 32	103 16 26	93 3.4 24	93 -3 12	99 -0.5 12	103 -4.9 29	99 -0.1 18	79 -3.2 28	97 0 13	97 0 12	92 -0.06 8	110 -0.01 7	94 0.19 7
CS 250158 99878217		CS 210045	102 47	93 33	109 26	100 13	97 20	93 21			95 6	105 0.05 61	96 0.05 30	100 2 13	93 2.9 33	109 2.0 26	104 18 24	96 5.5 25	94 -1 10	96 -1.8 11	97 -0.3 29	97 0.3 12	80 -2.1 27	97 0 11	96 0 10	92 -0.10 7	107 -0.13 6	96 0.24 6
CS 250159 99878225		CS 190057	101 47	100 31	121 27	90 7	100 20	96 20			104 10	95 0.98 61	107 -0.34 30	110 12 7	100 5.8 31	121 6.0 27	116 49 22	102 8.7 20	101 26 12	110 5.2 13	109 -9.4 26	93 1.1 14	72 -7.0 25	105 5 14	103 7 13	101 0.65 11	107 -0.12 10	91 0.09 10
CS 250160 99878233		CS 170080	101 49	95 26	117 34	91 9	105 11					102 0.33 61	98 0.00 33	109 12 9	95 3.3 26	117 4.9 34	109 31 23	95 4.9 16	100 23 7	104 2.2 7	108 -8.5 15	101 -0.4 7	82 -1.2 27	105 5 7	104 7 7	100 0.52 5		

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values									Birth		Wean				Growth		Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Index EBV Acc Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
CS 250163 99878258		CS 190040	102 48	95 33	101 31	98 13	91 24	86 23			94 8	103 0.27 61	98 -0.02 31	102 4 13	95 3.5 33	101 -0.6 31	97 1 26	90 1.9 24	92 -8 12	95 -2.4 13	98 -1.4 29	87 2.1 18	76 -4.9 29	94 -2 14	94 -3 13	90 -0.20 8	115 0.16 8	95 0.23 7
CS 260001 6020190309	2	CS 210107 CS 170033	104 56	85 40	107 41	109 22	106 28	99 29	95 22	97 28	93 14	103 0.21 67	102 -0.16 42	91 -7 22	85 -0.5 40	107 1.3 41	99 6 34	91 2.2 32	94 1 21	92 -3.5 23	112 -11.6 34	99 -0.1 21	109 15.4 41	92 -4 24	90 -6 23	92 -0.05 15	102 -0.30 14	96 0.24 13
CS 260002 6020188923	1	AB 200096 CS 150002	93 58	115 43	115 43	83 23	96 27	98 30	118 36	102 31	121 10	92 1.22 69	98 -0.01 43	117 21 23	115 11.9 43	115 4.2 43	118 54 36	114 16.0 32	120 94 33	114 6.8 37	99 -1.7 34	95 0.8 20	92 5.2 39	116 12 38	121 24 37	117 1.85 10	114 0.12 9	108 0.66 9
CS 260004 6020188949	2	AB 200096 CS 190052	94 56	118 48	97 42	87 26	81 30	89 32	114 38	93 33	119 12	90 1.45 69	102 -0.15 40	113 16 26	118 13.5 48	97 -1.9 42	106 24 39	114 15.7 39	117 86 35	110 5.0 40	83 10.6 37	85 2.5 23	105 13.0 40	110 8 40	118 21 39	114 1.62 13	112 0.05 12	110 0.72 11
CS 260009 6020213515		CS 210006	95 48	92 33	105 30	98 18	97 24	87 24			92 6	97 0.77 61	95 0.12 31	102 5 18	92 2.1 33	105 0.7 30	98 3 27	94 4.4 25	91 -13 9	96 -1.8 10	96 0.7 30	99 0.1 17	81 -1.8 27	95 -2 10	92 -5 10	90 -0.25 6	109 -0.04 6	94 0.17 6
CS 260010 6020213523		AB 200096 CS 180047	94 57	104 48	98 42	90 23	89 28	85 31	102 36	86 32	105 10	91 1.36 69	101 -0.12 41	110 13 23	104 7.3 48	98 -1.5 42	98 3 38	107 11.7 37	103 34 34	99 -0.2 38	104 -5.4 36	81 3.2 19	108 14.8 39	97 0 39	102 6 37	101 0.63 11	108 -0.10 10	96 0.24 10
CS 260013 6020213549	1	AB 200096 CS 210057	96 55	114 47	105 37	85 24	93 28	96 31	111 36	98 32	114 10	91 1.39 69	105 -0.27 38	115 18 24	114 11.5 47	105 0.8 37	110 33 36	116 17.0 37	113 68 34	109 4.4 38	100 -2.6 37	90 1.6 18	110 15.7 38	106 6 39	113 16 37	110 1.33 11	109 -0.06 10	101 0.41 10
CS 260015 6020213564		CS 210023	95 46	104 30	110 27	82 18	101 18	91 21			105 6	95 1.02 60	99 -0.04 28	118 21 18	104 7.3 30	110 2.4 27	106 23 25	107 11.8 20	103 32 13	103 1.8 14	100 -2.2 25	101 -0.4 12	80 -2.6 24	107 6 14	106 9 14	103 0.80 6	110 -0.01 6	97 0.30 6
CS 260020 6020670003		CS 190025	98 50	97 34	100 33	103 16	111 22	107 24			94 12	99 0.62 62	98 -0.02 34	97 -2 16	97 4.6 34	100 -0.9 33	100 8 28	99 6.9 26	92 -9 13	99 -0.3 14	103 -5.0 25	113 -2.6 20	78 -3.2 30	95 -2 14	93 -3 14	92 -0.06 12	105 -0.21 11	90 0.04 11
CS 260021 6020670011	6	AB 200096 NP 190019	92 57	111 46	90 42	94 26	81 26	86 31	104 42	88 33	109 18	93 1.17 69	95 0.11 42	106 9 26	111 10.3 46	90 -4.1 42	98 2 38	104 10.3 40	106 45 39	102 1.3 44	93 2.8 33	77 3.9 20	111 16.6 42	101 2 44	112 15 43	106 1.02 19	106 -0.15 17	105 0.56 17
CS 260022 6020670029	3	AB 200096 CS 210130	95 55	112 46	105 39	97 29	87 29	98 32	104 36	99 33	109 10	92 1.29 69	102 -0.17 38	103 5 29	112 10.8 46	105 0.9 39	113 42 38	112 14.6 38	108 51 34	98 -0.8 39	101 -3.2 38	80 3.4 20	111 16.3 39	98 0 39	109 12 38	106 0.99 10	96 -0.51 9	105 0.57 9
CS 260026 6020670052		CS 210153	92 49	99 29	115 31	105 20	115 24	115 23			100 8	90 1.49 61	99 -0.05 33	95 -3 20	99 5.3 29	115 4.2 31	116 50 27	102 8.7 22	98 13 15	98 -0.6 17	122 -19.0 30	106 -1.2 19	80 -2.1 30	98 0 17	99 2 16	99 0.43 9	110 -0.02 8	97 0.28 8

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values									Birth		Wean				Growth		Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Index EBV Acc	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt -wean	Wean dir	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling
		Sire ID Dam ID																										
CS 260027 6020737869	1	AB 200096 CS 180024	101 49	110 47	96 39	91 25	93 29	96 31	107 36	98 32	110 10	98 0.71 56	103 -0.19 39	109 11 25	110 9.8 47	96 -2.2 39	101 11 37	110 13.7 35	108 52 34	104 1.9 38	99 -1.4 37	91 1.4 21	107 13.9 40	102 3 39	108 11 37	105 0.95 10	110 -0.01 9	103 0.49 9
CS 260028 6020670060	2	AB 200096 CS 190072	90 56	105 49	97 41	94 23	83 29	83 31	97 37	84 32	99 12	86 1.85 69	102 -0.15 40	106 8 23	105 7.8 49	97 -1.8 41	100 7 38	107 11.8 39	97 10 35	94 -2.8 39	97 -0.6 36	77 3.9 22	109 15.1 40	91 -4 40	96 0 38	93 -0.02 13	113 0.10 12	97 0.28 12
CS 260031 6020670086		AB 200096 CS 180016	98 56	113 46	103 39	81 21	95 26	93 29	112 34	96 30	117 7	88 1.67 69	112 -0.51 39	119 22 21	113 11.0 46	103 -0.1 39	105 21 35	112 14.6 30	114 74 33	109 4.7 37	102 -4.1 32	91 1.5 21	101 10.6 36	108 7 37	116 19 36	112 1.48 7	110 0.00 7	103 0.47 6
CS 260042 6020670094		CS 210034	99 48	85 33	99 31	102 10	121 22	102 22			86 8	99 0.65 61	99 -0.05 31	98 0 10	85 -0.8 33	99 -1.1 31	89 -19 25	86 -0.4 20	85 -34 10	91 -4.2 11	131 -25.7 28	109 -1.7 15	82 -1.1 27	87 -6 11	85 -12 10	84 -0.72 8	106 -0.14 8	83 -0.20 7
CS 260043 6020670102		CS 210004	101 48	92 27	114 30	104 19	114 21	108 22			100 8	101 0.41 61	100 -0.08 32	96 -2 19	92 2.2 27	114 3.8 30	109 32 25	95 4.9 21	97 11 13	99 -0.5 14	119 -17.2 25	106 -1.3 17	77 -4.0 29	97 0 15	99 2 14	98 0.40 8	108 -0.09 7	95 0.21 7
CS 260050 6020856925		CS 210184	97 47	96 29	112 32	91 21	115 24	102 24			100 12	95 1.01 59	101 -0.12 32	109 12 21	96 4.0 29	112 3.1 32	105 22 27	101 8.0 24	98 13 17	97 -1.4 18	115 -14.3 30	110 -1.9 18	84 0.4 30	101 2 18	100 3 18	98 0.35 12	104 -0.21 11	102 0.45 11
CS 260051 6020857014		CS 220133	96 44	88 26	96 21	103 13	96 15				92 8	98 0.68 58	95 0.10 26	97 -1 13	88 0.6 26	96 -2.1 21	90 -19 20	88 0.5 20	91 -11 11	97 -1.5 12	99 -1.7 19	95 0.8 11	81 -2.0 26	94 -2 12	91 -5 12	88 -0.37 9	106 -0.15 8	90 0.04 8
CS 260052 6020856933		CS 230109	101 45	90 33	109 25	104 15	106 20	100 22			93 8	101 0.38 58	98 -0.03 28	96 -2 15	90 1.6 33	109 2.1 25	104 17 24	92 2.9 23	91 -12 11	93 -3.4 12	107 -8.0 25	104 -0.8 14	80 -2.4 27	92 -3 13	94 -3 12	91 -0.18 8	102 -0.31 7	95 0.21 7

Selection List on Cow Value

Bulls 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc		Growth Value Acc	Prod Value Acc	Carcass Value Acc	
					★★★★★										
1	CS 230029	MEATBALL	ELS 110014	CS 170052	26.0	9966	10566	12259	9832	12345	12444		10630	12341	10918
					★★★★☆										
1	CS 180031	FURGS	GN 140156	CS 150023	0.8	10665	9359	8554	11429	11238	11039				8610
2	CS 230013	MASH	AB 170021	CS 150004	1.6	10454	11454	9751	7329	12334	11136		11844	11338	1198
3	CS 230086	NOAH	SS 160016	CS 160024	2.1	9463	10767	10153	10728	10838	11641		9623	11337	9914
4	CS 240041	OLYMPIA	GN 150300	CS 190094	5.3	10359	9863	8545	11426	10834	11137		10026	10935	10020
5	CS 240042	OMAR	GN 150300	CS 190098	0.4	9859	10865	9547	10126	11834	11938		10927	11936	11220
6	CS 240055	ORANGE		CS 170040	0.0	9749	9452	11334	925	12522	11026				1018
					★★★★										
1	AB 220181	AB220181	EK 190001	AB 180203	1.2	8461	10669	12348	10038	9831	10541		11470	10747	11830
2	CS 200073	HARRISON	SS 160016	CS 130005	2.9	10267	10674	9254	10627	9336	10242		9322	10038	9414
3	CS 210030	JEW	SS 160016	CS 170065	3.1	9563	9268	10752	11127	10238	10241		8623	9837	8914
4	CS 210031	JUDGE	SS 160016	CS 170049	2.1	10664	9571	10452	11028	9938	10342		9123	10038	9414
5	CS 210065	JUGGLE	CS 140015	CS 160063	0.3	9560	9450	9748	10025	11633	10434		8820	10131	8616
6	CS 220051	KINNY	GN 150300	CS 140006	6.5	10061	9165	8647	11531	11234	10839		9932	10638	9724
7	CS 230019	METH	CIS 140008	CS 160038	3.7	9461	10166	9050	10429	10635	10439		11226	10636	10916
8	CS 230020	MACHO	AB 170021	CS 190012	3.6	10461	11667	9152	7533	11236	10441		12246	10842	12312
9	CS 230047	MESH	GN 150300	CS 170021	1.8	10659	9963	9044	10724	10328	10535		10229	10534	10023
10	CS 230115	NUDGE	AB 170021	CS 140035	0.0	9461	12154	10148	6928	11832	10835		12143	11237	1236
11	CS 230117	NOVICE	SS 160016	CS 200090	1.2	9661	11266	11449	9528	10036	10839		10521	10835	10912
12	CS 240014	OCKER	SS 160016	CS 180057	2.4	9762	10768	10352	10428	9538	10541		9923	10337	10214
13	CS 240030	OLIVER	SS 160016	CS 180012	2.1	10263	10467	10252	10528	10238	10840		9622	10636	9914
14	CS 240031	OLIVIA	SS 160016	CS 180019	1.1	10362	9767	10352	10727	10437	10640		9222	10336	9614
15	CS 240032	OLLIE	SS 160016	CS 160002	1.4	9462	11365	10351	9825	9734	10738		10420	10734	10614
16	CS 240049	ONYX		CS 210070	0.0	10448	9755	10234	10419	11021	10829				1007
17	CS 240086	PASCAL		CS 160030	0.0	10050	9554	11734	9415	11924	10829				10310

Selection List on Cow Value

Bulls 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc		Growth Value Acc	Prod Value Acc	Carcass Value Acc
					★★★★									
18	CS 240088 PAXTON	CS 200049	CS 150023	0.4	100 58	97 62	88 45	99 19	115 27	105 34				94 12
19	CS 240102 CS240102	SS 160016	CS 210004	1.1	102 61	94 65	103 49	116 30	96 34	103 39		90 22	100 36	94 12
20	CS 240107 CS240107	CS 210007	CS 190057	7.6	100 55	119 61	112 38	87 14	95 27	105 32				118 14
21	CS 240130 CS240130	SS 160016	CS 190025	3.6	100 62	100 67	89 51	115 27	93 36	102 40		87 21	98 36	88 15
					★★★★☆									
1	AB 200096 AB200096	AB 170021	AB 180022	1.5	89 69	135 69	106 53	69 41	81 36	93 44		130 69	100 49	138 14
2	CIS 220001 CIS220001	CIS 150015	CIS 160009	5.6	118 58	95 43	76 43	104 24	102 24	97 29		105 22	98 28	102 16
3	CS 200049 HYDRO	CS 140015	NP 130018	1.5	94 68	102 76	85 53	97 23	104 36	97 42		94 28	96 39	92 22
4	CS 220104 LARK	CIS 180003	CIS 190108	2.0	95 60	120 67	88 45	90 27	84 30	94 37		117 45	98 39	115 14
5	CS 230022 CS 230022	GN 150300	EK 140122	0.5	97 52	89 65	94 43	108 29	98 26	91 35		95 26	91 33	94 20
6	CS 230073 MOTIEF	VL 180051	CS 160047	1.0	86 57	95 61	100 44	93 20	106 27	92 33		101 36	92 34	103 20
7	CS 230080 NAGUIL	AB 170021	CS 160055	0.6	102 61	115 65	106 52	74 30	102 34	97 39		121 44	101 40	123 8
8	CS 230097 NAVEL	AB 170021	CS 170080	1.8	98 60	122 65	100 51	67 29	102 28	97 37		128 44	103 38	129 8
9	CS 230114 NUGGETS	SS 160016	CS 140008	2.5	97 63	100 65	93 49	108 27	88 34	93 39		91 22	91 36	92 16
10	CS 230129 NEFIE	VL 180051	CS 170069	1.0	82 56	109 59	115 40	82 21	101 22	94 31		116 36	98 32	118 20
11	CS 240017 ODIN	SS 160016	CS 180063	1.5	98 62	92 67	105 51	116 28	91 38	96 40		83 23	93 37	86 14
12	CS 240047 ONION	CS 210031	CS 190086	3.7	112 54	94 59	96 41	104 19	97 26	96 32				97 10
13	CS 240068 OROS	CIS 140008	CS 170004	0.8	100 61	102 65	101 47	94 27	94 32	92 38		114 22	96 35	113 14
14	CS 240074 PRESLEY	SS 160016	CS 190063	1.7	109 60	101 64	99 49	107 24	89 33	98 37		96 21	97 34	98 15
15	CS 240081 PALMER		CS 150006	0.0	98 50	86 55	107 37	102 10	110 22	96 28				90 8
16	CS 240113 CS240113	SS 160016	CS 190054	1.2	104 60	94 66	108 49	103 23	97 34	96 38		94 20	95 34	95 14
17	CS 240134 CS240134	CS 210009	CS 210066	3.6	105 56	104 61	91 41	96 25	99 29	98 35				106 12
18	CS 240137 CS240137		CS 200024	0.0	100 47	91 31	120 25	94 12	109 18	97 20				97 6
19	CS 240141 CS240141	CS 200049	CS 150055	3.1	98 59	106 61	102 43	90 21	99 26	96 33		106 23	97 31	105 14
20	CS 240144 CS240144		CS 210057	0.0	103 47	89 32	109 26	97 11	107 20	95 21				94 8
					★★									

Selection List on Cow Value

Bulls 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc		Growth Value Acc	Prod Value Acc	Carcass Value Acc
					★★									
1	CS 220010 KING	CIS 140008	CS 170033	2.8	104 60	91 65	85 47	105 26	89 32	83 37		108 24	86 34	106 16
2	CS 230037 MENDAS	1292653	CS 160014	4.0	85 59	95 62	108 46	96 29	92 30	83 37		102 24	85 34	100 18
3	CS 230069 MUSTARD	CIS 140008	CS 190055	1.3	92 58	106 65	94 44	93 21	86 30	86 35		114 22	90 32	112 16
4	CS 230111 NURDUS	SS 160016	CS 200039	0.9	101 61	85 67	99 51	117 27	90 36	89 40		78 21	85 36	81 12
5	CS 240021 OKIE	SS 160016	CS 130001	2.3	88 64	100 66	97 53	111 27	78 35	86 39		89 22	85 36	89 14
6	CS 240024 OKRA	SS 160016	CS 170003	5.3	96 63	111 66	88 52	107 24	66 38	83 39		92 20	83 35	94 13
7	CS 240053 OOZE	CS 210009	CS 190052	15.8	101 56	92 61	89 42	106 22	86 32	84 35		100 20	85 32	99 14
8	CS 240079 PADMA	SS 160016	CIS 170033	1.9	102 63	97 69	102 53	109 28	76 34	85 40		97 25	86 37	97 13
9	CS 240090 PERCY	CS 200049	CS 180036	1.3	106 56	82 61	91 39	103 13	100 26	84 31				85 12
10	CS 240114 CS240114		CIS 190108	0.0	105 48	93 31	103 27	102 12	90 15	87 20				99 10
11	CS 240122 CS240122		RO 140075	0.0	108 52	87 57	101 38	90 23	104 20	84 30		96 24	85 29	96 20
12	CS 240139 CS240139	CIS 140008	CS 150002	2.0	92 60	90 64	98 46	105 22	86 28	80 35		103 20	82 32	100 14
13	CS 240148 CS240148	CIS 180161	CS 180016	0.0	103 54	85 60	92 39	105 17	101 24	88 31				88 12
					★★									
1	CIS 200072 CIS200072	CIS 140008	CIS 180010	5.8	93 61	95 67	82 48	104 28	81 28	77 37		104 30	80 36	100 18
2	CS 210115 JENSON	WC 238	CS 160051	0.6	85 56	98 39	92 36	99 21	82 27	77 28		94 32	78 29	97 18
3	CS 230100 NARRE	SS 160016	CS 180046	4.5	90 60	91 65	100 46	108 24	76 34	76 37				88 12
4	CS 240167 CS240167	CIS 140008	CS 150003	2.0	99 59	90 64	87 49	102 27	85 28	76 36		101 20	79 33	98 14

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc		Growth Value Acc	Prod Value Acc	Carcass Value Acc	
					★★★★★★										
1	CS 160024	DIMPLE	ELS 110014	SN 120147	1.2	9875	10464	11074	10533	14353	14147		10034	13744	10218
2	CS 190010	CS190010	ELS 110014	ELS 110012	1.1	11474	9971	13474	9934	15050	14648		10129	14144	10416
3	CS 190038	GIGI	ELS 110014	CS 140035	0.0	8773	10469	13570	9428	15049	14246		10526	13842	10814
4	CS 190104	GUZZLE	GN 150237	PKT 120099	4.4	10271	10670	9769	10732	13948	14046		10130	13643	10120
5	CS 210197	JUANITA	ELS 110014	SN 110126	1.0	9668	12867	11762	9141	12449	14147		11732	14044	12018
					★★★★★☆										
1	CS 180012	DELILA	ELS 110014	CS 130005	7.4	10373	10969	11271	9532	13152	13148		10830	12944	11017
2	CS 180026	FILLY	ELS 110014	PKT 120141	1.3	9674	10470	12171	10235	13654	13649		10933	13446	11021
3	CS 180057	FERTILE	ELS 110014	SN 120164	1.3	9372	12670	11170	8834	11952	13048		12133	13145	12318
4	CS 180075	CS180075	CS 140015	ELS 110015	0.6	9674	10069	9170	10223	14743	13443		9524	12939	9417
5	CS 190007	CS190007	ELS 110014	SN 110191	1.0	10173	11370	11768	9932	12852	13648		10632	13345	10818
6	CS 210093	JUBELEEZ	GN 140156	CS 190010	1.5	11068	10268	10961	10437	13846	13846		9722	13241	9712
7	CS 210153	JYM	ELS 110014	NP 110077	0.7	9071	10657	11562	11740	12249	13545		9932	13142	10316
8	CS 230131	NICOVE	AB 170021	CS 190010	3.5	10761	13268	10353	6833	12836	13041		13046	13342	13210
					★★★★★										
1	CS 170004	EMMY	ELS 110014	AB 060239	0.0	10575	10860	13671	8335	12749	12445		11526	12541	11914
2	CS 170036	ELAN	ELS 110014	PKT 120141	1.3	10074	9371	9975	11939	12255	12351		9633	11947	9621
3	CS 170040	EDGE		CS 140037	0.0	10368	9049	11266	979	14342	12435				9514
4	CS 170065	CS170065	ELS 110014	JK 100002	1.3	9673	10070	11870	9931	13352	12748		9932	12345	10220
5	CS 180019	FLORA	ELS 110014	CS 140041	0.3	9972	9867	11670	10130	13649	12946		10028	12542	10316
6	CS 180042	FAB	ELS 110014	CS 140034	0.5	10470	9756	12364	9730	13642	12741		10728	12638	11016
7	CS 190025	CS190025	GN 140156	CS 140007	4.2	9872	10668	8566	11432	11444	12245		9327	11841	9122
8	CS 190098	GROCER	ELS 110014	CS 120073	0.0	9869	10067	11969	9728	13348	12745		9926	12441	10314
9	CS 200019	HURKY	ELS 110014	SN 080954	0.6	10770	8768	12066	10832	13250	12446		9230	11943	9218
10	CS 200037	HAGGIS	CS 140015	SN 110191	3.0	10568	9868	10464	10125	13844	12943		9527	12440	9119
11	CS 210004	JEN	ELS 110014	CS 150045	0.3	10070	9755	11460	11538	12043	12642		9928	12239	10314

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value		Growth Value	Prod Value	Carcass Value	
Sorted on ID					Acc	Acc	Acc	Acc	Acc	Acc		Acc	Acc	Acc	
					★★★★										
12	CS 210026	JEWEL	AB 160073	ELS 140024	3.7	100 68	110 63	92 53	95 30	132 42	128 42		105 32	126 40	102 18
13	CS 210070	JENIFER	GN 140156	CS 160027	2.8	108 69	97 67	91 66	120 38	111 42	120 45		96 23	116 41	96 14
14	CS 210141	JAMMY	ELS 110014	CS 120056	0.0	110 68	102 57	140 66	89 49	121 46	120 46		114 26	120 42	118 14
15	CS 220044	KEENLY	GN 150300	CS 170032	2.5	97 64	105 68	90 55	113 36	118 41	125 43		102 28	122 40	102 20
16	CS 220096	LARI	ELS 110014	EK 140252	1.4	97 66	101 68	127 56	98 34	122 40	120 43		104 30	119 40	105 18
17	CS 220142	MAVIS	ELS 110014	GN 140108	2.7	100 68	120 66	96 62	90 45	118 48	124 47		104 33	122 44	106 18
18	CS 230077	MABLER	GN 150300	CS 160032	4.6	91 60	102 65	104 48	117 30	113 36	122 39		98 29	119 37	98 21
19	CS 240006	OCEAN	CS 180031	CS 200019	1.6	106 56	100 60	100 43	106 22	122 31	122 35				96 10
20	CS 240046	ORLA		CS 160038	0.0	91 52	106 56	115 39	98 20	129 28	127 32				103 10
21	CS 240064	OZARK	CS 210007	CS 150004	1.5	102 56	107 60	106 43	97 15	120 28	120 32				103 10
22	CS 240104	CS240104	CS 200073	CS 210093	3.1	105 56	109 62	99 41	103 23	116 30	123 35				99 10
					★★★★☆										
1	CS 160040	DAISEY 2		ELS 100019	0.0	112 68	100 47	146 60	86 11	114 28	112 30				117 8
2	CS 170025	ENCHANTED		CS 140007	0.0	82 63	107 42	108 56	103 20	109 38	113 33		94 22	110 31	94 20
3	CS 170041	ELODIE	ELS 110014	SN 110192	1.0	96 74	100 64	109 74	97 35	116 52	110 47		101 33	109 44	103 19
4	CS 170052	NP170052	ELS 110014	NP 130018	0.9	103 75	104 66	117 73	98 31	107 49	111 46		101 32	110 43	104 21
5	CS 180032	CS 180032	GN 140156	CS 150004	2.1	116 72	83 67	73 65	112 26	135 48	117 44		86 20	112 39	84 12
6	CS 180056	FANCIFULL	GN 140156	CS 150007	2.2	98 71	104 66	103 66	105 30	106 48	111 45				101 12
7	CS 180065	FIZZY	ELS 110014	CS 140013	0.0	88 72	105 64	128 60	95 28	121 49	119 44		107 26	118 40	111 14
8	CS 180069	CS180069	ELS 110014	CS 160002	0.6	96 70	100 66	122 63	101 30	119 51	118 46		102 28	116 42	104 17
9	CS 180070	CS180070	CS 140015	ELS 140015	6.8	94 70	99 65	86 51	105 25	123 44	116 42		94 25	113 39	90 20
10	CS 190003	CS190003	ELS 110014	GN 130859	1.2	105 74	101 61	101 67	106 35	113 43	115 44		95 35	112 42	100 21
11	CS 190012	CS190012	ELS 110014	SN 100154	0.6	98 72	98 70	105 71	105 33	121 50	118 47		96 30	115 44	97 18
12	CS 190044	GEMMA	GN 140156	CS 160024	3.1	108 69	90 68	91 66	122 29	112 50	115 46		80 24	109 42	79 14
13	CS 190045	GAYNOR	GN 140156	SN 100063	3.1	100 71	109 68	84 65	107 31	101 48	110 46		99 26	109 42	99 16
14	CS 190054	GURTY	419V	CS 160014	0.3	100 66	106 62	119 60	87 11	123 40	117 37		111 24	117 34	109 20
15	CS 190094	GLOW	GN 140156	CS 160042	3.2	107 71	93 59	95 64	114 30	116 48	116 43		92 24	112 39	92 14
16	CS 190096	GO	GN 140156	CS 150023	0.8	104 69	86 68	83 66	121 29	121 45	115 44				75 10

Selection List on Cow Value

Cows 2 years and older

ID Name Sorted on ID			Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc		Growth Value Acc	Prod Value Acc	Carcass Value Acc
						★★★★☆									
17	CS 190119	GIA	CS 140015	CS 140006	5.6	107 70	85 68	82 68	110 31	128 46	112 45		84 29	107 42	80 22
18	CS 200090	HAMPER	ELS 110014	CS 150015	0.5	96 67	100 64	142 60	89 33	126 49	119 45		105 27	118 41	108 14
19	CS 210016	JAZ	GN 150237	CS 170040	1.6	102 67	97 65	107 59	103 23	117 44	114 41		85 23	109 37	89 14
20	CS 210034	JUBELEE	CS 140015	CS 160047	0.3	102 68	79 66	83 63	110 19	134 42	110 41		77 20	103 37	75 16
21	CS 210127	JADA	GN 140156	CS 190012	2.8	100 66	90 67	87 59	119 29	113 45	110 43		83 22	105 39	81 14
22	CS 210184	JUMPIE	ELS 110014	RO 140075	0.9	98 70	102 59	109 63	88 43	121 48	110 46		102 35	109 44	102 24
23	CS 210189	JIVE	CIS 140008	PKT 120099	5.8	99 65	92 67	87 56	128 39	107 40	115 44		105 28	114 41	99 20
24	CS 220006	KAYLEE	GN 140156	CS 190032	1.2	99 64	101 64	92 57	115 35	106 41	114 42				91 12
25	CS 220025	KAIRO	GN 150300	CS 170036	3.5	103 64	86 68	83 57	128 35	112 42	113 44		88 29	108 41	88 21
26	CS 220031	KETCHUP	AB 170021	CS 160055	0.6	100 64	132 66	107 59	69 38	108 40	113 43		132 44	119 43	135 8
27	CS 220038	KNACKER	AB 170021	CS 150002	0.7	86 64	126 66	94 58	77 36	111 39	110 43		125 44	114 43	125 8
28	CS 220070	KINGDOM	GN 150300	CS 140007	4.3	95 62	110 65	83 48	113 29	106 34	118 39		100 32	115 38	99 27
29	CS 220076	KITE	ELS 110014	EK 140233	1.4	100 65	97 68	127 56	98 34	121 40	117 43		102 30	115 40	103 18
30	CS 220137	MADAM	ELS 110014	RO 140075	0.9	99 68	99 68	109 59	97 36	118 46	111 45		97 35	109 43	97 24
31	CS 230028	MULBERRY	ELS 110014	GN 150204	9.3	98 66	107 55	98 56	104 37	113 44	118 42		95 33	114 40	97 18
32	CS 230076	MISA	GN 150300	CS 170032	2.5	95 60	100 67	95 48	115 27	109 35	115 39		96 28	112 37	96 20
33	CS 230089	NARANIA	SS 160016	CS 180042	1.1	97 61	103 65	107 50	107 27	104 34	111 38		94 22	108 35	97 13
34	CS 230090	NATALIE	SS 160016	CS 190007	1.9	102 63	109 67	103 51	106 28	100 38	113 40		95 23	111 37	98 14
35	CS 230107	NIKKIE	AB 170021	CS 180075	1.1	95 62	115 67	87 51	82 31	125 34	115 40		109 45	115 41	109 10
36	CS 230119	NANCE	GN 150300	SN 140193	3.9	94 62	104 56	95 46	111 24	104 30	112 34		97 28	109 33	98 21
37	CS 230120	NECTARINE	CS 200050	CS 210016	4.7	98 55	119 61	100 40	99 20	101 30	116 34				105 12
38	CS 230128	CS 230128	GN 160393	WD 180013	1.9	96 62	107 58	110 51	106 36	110 29	119 37		104 42	118 38	106 21
39	CS 230136	NIGHTIE	CIS 180161	CS 190104	4.7	97 56	96 61	91 43	114 24	118 28	117 34		90 23	112 32	87 16
40	CS 240034	OPRAH	SS 160016	CS 180026	2.4	97 63	101 68	107 52	112 28	104 38	113 41		92 23	110 37	93 14
41	CS 240043	OREO	GN 150300	CS 190067	3.1	91 59	117 66	82 46	104 26	102 32	113 37		107 28	113 35	108 21
42	CS 240045	ORIENTAL	CS 200073	CS 210141	2.2	104 56	106 60	116 43	96 28	107 30	112 35				107 10
43	CS 240050	OVAL	CS 210031	CS 190096	1.9	100 55	95 62	94 43	115 20	110 29	111 34				86 8
44	CS 240062	OAKDENE	CS 210007	CS 190125	2.0	98 56	114 62	104 40	99 20	106 30	117 34				105 10
45	CS 240076	PATRICIA	CS 210031	CS 140027	2.5	99 56	99 59	114 43	104 18	112 28	113 33				102 10
46	CS 240092	PAISLEY	SS 160016	CS 190038	0.7	92 63	96 67	115 52	109 27	113 37	113 40		88 21	109 36	91 12

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value		Growth Value	Prod Value	Carcass Value	
Sorted on ID					Acc	Acc	Acc	Acc	Acc	Acc		Acc	Acc	Acc	
					★★★★☆										
47	CS 240105	CS240105	CS 200073	CS 210153	4.2	95 57	105 60	104 42	111 24	108 31	118 35		95 20	114 32	98 10
48	CS 240109	CS240109	CS 210007	CS 190007	2.1	100 58	103 63	111 43	104 21	113 32	118 36		98 20	115 33	99 12
49	CS 240131	CS240131	CS 210007	CS 180070	3.4	97 56	101 49	94 36	104 18	111 28	110 30				95 13
					★★★★										
1	CS 150002	CLEOPATRA		SN 080954	0.0	95 72	96 51	125 67	96 20	111 40	105 37				104 12
2	CS 160047	DULCIE		ELS 110004	0.0	90 70	82 51	92 68	110 11	123 42	103 36				81 8
3	CS 170015	EMBER		NP 110071	0.0	93 62	109 49	146 66	75 17	107 14	102 28				122 8
4	CS 170033	EVANESCENCE	ELS 110014	PKT 120025	0.6	108 75	89 63	107 71	105 35	115 48	108 46		103 32	107 43	104 20
5	CS 170064	CS170064	SN 130169	JK 100060	0.9	106 70	107 65	111 69	89 25	100 45	101 43		116 24	104 39	115 16
6	CS 170069	CS170069		ELS 110016	0.0	102 66	91 42	121 56	93 14	112 30	100 30				102 8
7	CS 180030	FIONA	ELS 110014	CS 130006	4.7	106 72	80 68	106 65	125 36	107 54	106 48		79 32	101 45	83 17
8	CS 180044	FREDA	GN 140156	CS 150003	2.0	113 72	93 67	78 66	108 30	112 46	106 45				89 12
9	CS 180045	FAUNA	ELS 110014	RO 130010	0.9	97 73	102 71	93 73	109 32	103 50	107 48		95 32	105 45	97 20
10	CS 180072	CS180072	ELS 110014	AB 090067	1.0	104 73	87 68	112 63	109 36	109 53	104 48		95 35	102 45	97 20
11	CS 190023	CS190023	GN 140156	CS 140042	1.8	108 68	89 63	85 61	117 26	104 38	102 40				81 12
12	CS 190032	CS190032	CS 140015	CS 100015	0.0	94 67	95 53	103 59	101 24	115 28	106 34				92 16
13	CS 190047	GABINA	ELS 110014	CS 140021	0.0	94 69	95 67	118 67	102 29	112 50	108 45		95 26	106 41	98 14
14	CS 190055	GLADYS	419V	CS 160018	0.2	92 66	105 63	121 61	88 11	109 43	105 38		106 23	105 35	106 20
15	CS 190063	GRETTA 1	419V	CS 130008	0.7	111 64	95 52	107 59	109 18	105 38	109 35		95 28	107 34	93 22
16	CS 190069	GLOSSY	GN 140156	CS 160055	0.8	113 68	104 68	117 66	104 26	92 46	106 44				101 10
17	CS 200024	HAZY	CS 150043	NP 110071	1.4	97 66	97 63	125 50	95 23	110 35	104 38		97 22	103 35	97 12
18	CS 200061	HURRY	CS 150043	CS 140007	3.1	96 65	87 60	107 44	116 26	110 40	107 39		81 26	102 36	79 22
19	CS 200077	HANNER	CS 140015	ELS 140020	6.8	100 68	90 57	78 62	113 25	113 34	104 37		83 25	100 35	78 20
20	CS 200083	HUTCH	GN 140156	CS 170006	0.0	103 66	102 64	114 63	100 24	96 42	102 41				99 10
21	CS 210066	CS 210066	GN 150237	CS 170041	2.6	108 68	103 65	97 61	94 37	106 42	102 44		95 27	101 41	99 16
22	CS 210080	JULI	GN 140156	CS 150044	0.0	108 67	84 56	85 64	130 48	95 37	101 43				81 10
23	CS 210130	JAIDA	SS 160016	CS 180030	5.4	103 68	88 60	105 58	125 37	93 46	103 44		77 23	97 40	81 14
24	CS 210140	JINKS	SS 160016	WIO 180031	3.5	102 64	97 55	103 52	115 27	88 38	100 37		97 27	99 35	93 20

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value		Growth Value	Prod Value	Carcass Value
Sorted on ID						Acc	Acc	Acc	Acc	Acc	Acc		Acc	Acc	Acc
						★★★★									
25	CS 210142	JACARANDA	GN 150300	SN 140193	3.9	99 65	100 57	92 54	112 24	97 38	103 38		95 28	101 36	96 21
26	CS 220015	KATHY	SS 160016	CS 150055	2.6	99 66	100 66	108 58	108 37	92 38	100 43		90 25	98 39	91 14
27	CS 220066	KEITTLE	AB 170021	CS 170018	0.0	90 58	128 63	99 48	62 28	106 26	100 36		132 43	106 37	135 6
28	CS 220069	KATIKATI	GN 140156	CS 160047	0.8	96 63	86 64	86 53	119 25	110 38	104 39				78 10
29	CS 220109	LEXI	GN 150300	CS 170009	2.0	94 62	106 62	83 43	107 23	100 33	105 36		99 25	104 34	100 19
30	CS 220122	LILY	GN 150300	CS 130008	5.7	105 60	93 64	82 45	127 28	98 32	107 37		86 30	103 36	85 22
31	CS 230003	MARCIE	AB 170021	ELS 140015	1.5	96 62	120 66	88 52	83 33	107 34	106 40		116 46	109 41	115 14
32	CS 230009	MIKKY	GN 150300	CS 150006	3.4	102 64	94 64	85 48	117 23	107 32	108 37		89 27	105 35	89 20
33	CS 230021	CS 230021	GN 150300	GN 130003	4.1	93 52	99 64	91 46	111 25	103 27	104 35		95 28	102 34	96 22
34	CS 230031	MEATLOAF	AB 170021	CS 120056	0.0	103 60	125 62	105 49	64 31	106 28	102 37		129 43	108 38	131 6
35	CS 230038	MUNSIE	GN 100164	CS 200087	5.1	90 58	119 62	98 46	100 27	91 32	107 37		104 30	107 36	104 20
36	CS 230040	MIENTJIE	GN 100164	CS 180069	7.0	97 58	101 62	107 45	102 28	108 35	108 38		101 31	107 37	102 20
37	CS 230046	MUDDIE	GN 150300	CIS 170033	1.0	94 61	109 68	92 49	110 28	91 32	104 39		107 30	105 37	105 20
38	CS 230049	MUIS	SNV3115	CS 200009	0.6	105 57	102 64	99 42	109 22	89 26	100 34		87 32	97 34	91 7
39	CS 230066	MURTLE	SNV3115	CS 170025	0.3	95 56	100 60	110 40	105 20	104 22	107 31		89 32	103 31	94 10
40	CS 230087	NAOMI	CIS 180161	CS 190065	3.0	97 56	90 60	84 40	117 21	103 28	101 33		82 20	97 30	79 14
41	CS 230093	NATILLA	SS 160016	CS 160015	1.8	101 60	106 63	99 47	107 25	92 34	104 37		93 20	101 34	94 14
42	CS 230109	NYLA	SS 160016	CS 160042	1.6	98 66	95 65	104 50	115 29	104 38	109 40		86 24	105 37	89 14
43	CS 230132	NICOLETTE	GN 150300	CS 170064	3.3	100 60	106 66	93 47	106 25	101 33	108 38		105 26	108 36	104 20
44	CS 230146	NITELLA	AB 170021	CS 150002	0.7	96 61	119 64	102 50	75 30	107 33	103 38		121 44	107 39	121 8
45	CS 240005	OATMEAL	SS 160016	CS 140007	4.0	101 64	94 66	94 53	120 30	91 37	100 41		79 27	95 38	80 22
46	CS 240019	OINTMENT	SS 160016	CS 180056	1.9	99 62	101 67	98 50	113 27	89 36	100 40				89 12
47	CS 240038	ORANIS	GN 150300	CS 190023	4.1	99 58	90 64	82 44	123 25	102 30	104 36		84 26	100 34	83 19
48	CS 240040	ORBIT		CS 190119	0.0	105 47	92 53	97 35	101 16	118 23	107 28				89 11
49	CS 240044	ORIA	GN 150300	CS 190047	0.4	94 60	93 66	99 46	113 26	106 34	105 38		93 27	103 36	95 20
50	CS 240054	OTILA	GN 150300	CS 190078	3.4	91 60	107 66	84 45	111 25	96 32	105 37		95 27	103 35	96 20
51	CS 240060	OUSUS	GN 150300	CS 190051	3.4	94 60	110 66	76 46	112 25	97 33	108 38		96 28	106 36	97 20
52	CS 240061	OVERIA	CS 210007	CS 180044	2.3	99 56	93 62	94 42	113 20	104 29	104 34				84 10
53	CS 240075	PATIENCE	SS 160016	CS 170049	2.1	100 62	105 68	102 52	108 28	99 38	109 41		94 23	106 37	98 14
54	CS 240085	PIA	CS 200073	CS 210077	3.9	104 54	104 61	95 40	106 20	98 24	105 32		91 20	102 30	91 12

Selection List on Cow Value

Cows 2 years and older

ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value		Growth Value	Prod Value	Carcass Value	
Sorted on ID					Acc	Acc	Acc	Acc	Acc	Acc		Acc	Acc	Acc	
					★★★★										
55	CS 240096	CS240096	CS 210007	GN 150204	3.0	94 58	107 63	87 42	108 26	92 30	101 36		87 22	98 33	88 14
56	CS 240110	CS240110	CS 200049	WIO 150141	2.8	97 59	97 65	99 44	107 23	100 28	100 35		97 26	99 33	92 20
57	CS 240112	CS240112	SS 160016	CS 170065	3.1	96 63	101 68	105 52	108 27	103 38	109 41		90 23	105 37	93 14
58	CS 240119	CS240119	CS 200049	CS 170015	2.2	94 56	105 60	115 43	87 14	106 19	100 30				105 12
59	CS 240129	CS240129	AB 170021	CS 190055	1.1	98 60	117 66	104 48	73 28	106 34	100 39		119 45	104 40	118 12
60	CS 240133	CS240133		CS 210130	0.0	101 47	98 54	107 30	108 18	101 23	104 29				91 6
61	CS 240138	CS240138	CS 200049	CS 180065	0.4	91 57	102 62	106 41	96 18	112 30	108 34				100 12
62	CS 240170	CS240170		CS 210184	0.0	99 48	96 51	112 33	91 21	115 24	103 29				99 12
63	CS 240172	CS240172	SS 160016	CS 210026	2.5	103 61	101 65	92 47	107 27	102 34	106 38		91 22	103 35	92 14
64	CS 240180	CS240180	CS 210009	CS 210140	3.8	100 53	107 56	93 38	104 21	91 28	100 32				107 14
65	WD 180013	WD 180013	GN 130884	WD 170009	2.3	82 68	111 66	104 62	102 24	98 20	106 35		110 25	107 33	109 20
					★★★★☆										
1	CS 150055	CARLA	98-0105SC	CS 120079	0.0	106 76	95 56	122 67	94 36	94 36	91 41		102 38	92 40	101 19
2	CS 160014	DESRE		SN 100074	0.0	87 69	108 49	115 64	83 22	103 42	96 37		113 22	99 34	112 12
3	CS 160017	DUCHESS		GN 110205	0.0	101 70	102 54	110 69	94 27	91 46	91 41		103 28	93 38	103 22
4	CS 160026	DORA		ELS 110015	0.0	94 68	87 47	116 62	97 13	113 16	97 28				102 8
5	CS 160036	DEBRA		SN 130168	0.0	97 66	87 45	83 61	111 27	100 36	90 35				83 10
6	CS 170080	CS170080	SN 130169	CS 120056	0.0	105 70	99 53	120 68	88 17	102 22	96 32				109 8
7	CS 180016	FLOS		CS 140035	0.0	106 67	91 62	99 57	93 6	109 38	93 36				
8	CS 180020	FAITH	ELS 110014	SN 120150	2.9	98 73	104 68	117 67	99 34	81 50	91 47		98 34	91 44	104 19
9	CS 190051	GERALDENE	GN 150237	SN 110120	3.3	93 71	105 69	80 66	109 27	92 46	99 44		85 28	95 41	88 16
10	CS 190060	GWENDA	GN 150237	NP 110074	4.5	100 71	108 69	106 66	96 26	80 46	90 44		98 27	90 41	101 16
11	CS 190076	GLOW	GN 150237	CS 150030	1.7	103 68	100 65	99 63	102 25	94 46	96 43		92 24	95 39	95 14
12	CS 190078	GLEAM	GN 150237	CS 150006	3.4	97 70	98 67	94 65	107 25	91 44	93 43		86 25	90 39	89 16
13	CS 190081	GINA	GN 150237	CS 130006	3.2	105 70	89 67	78 61	122 29	94 49	97 45		73 29	92 42	77 16
14	CS 190086	GOTHIC	GN 150237	CS 150011	1.0	118 66	89 55	89 61	104 25	96 36	90 37		88 24	88 34	92 15
15	CS 190107	GUAVA	CS 140015	CS 150044	0.0	101 66	85 64	93 58	114 26	97 40	92 41				81 16
16	CS 200009	HOPE	GN 140156	CS 170003	8.2	108 68	102 67	87 61	113 26	79 48	94 44		88 20	91 39	86 12

Selection List on Cow Value

Cows 2 years and older

IDName Sorted on ID			Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc		Growth Value Acc	Prod Value Acc	Carcass Value Acc
						★★★★									
17	CS 200013	HATCH	GN 140156	CS 170005	0.0	10568	9162	9251	10824	9642	9340				8910
18	CS 200022	HELEN2	GN 140156	CS 170002	2.1	10068	9764	9259	10926	9346	9642				9012
19	CS 200025	HESTY	SS 160016	CS 140013	0.0	11266	9056	11961	10423	9432	9536				9610
20	CS 200039	HEAT	ELS 110014	CS 140010	0.3	10368	7666	10466	11529	10749	9545		7827	9141	8016
21	CS 200043	HONE	SS 160016	SN 120154	2.7	10869	8668	8663	12427	8841	9343		7025	8739	7214
22	CS 200044	HOOF	SS 160016	SN 110120	2.7	9571	8468	7264	12627	9642	9343		6825	8639	6914
23	CS 200087	HOAX	SS 160016	CS 130001	2.3	8768	10568	11265	11027	8442	9843		9022	9639	9114
24	CS 210008	JENNY	GN 140156	SN 100063	3.1	10967	8667	9060	11840	9644	9645		8126	9141	7916
25	CS 210022	JEAN	GN 150237	CS 170023	2.0	10167	10065	11058	9837	9646	9645		9026	9441	9316
26	CS 210023	JEMMER	AB 160073	CS 120059	0.0	9363	11860	10554	7236	9436	9040		11326	9337	11312
27	CS 210028	JELLY	SS 160016	CS 170062	2.1	10063	9266	9850	11323	9240	9440				8312
28	CS 210045	JESSIE	SS 160016	CS 170064	1.9	9967	10367	10352	10726	8541	9641		9320	9437	9414
29	CS 210048	JOICE	AB 160073	NP 110071	4.3	10366	11549	11459	6950	10026	9438		11932	9837	11914
30	CS 210051	JUDY	CS 150043	CS 150054	0.5	9765	9765	12661	9347	9940	9645		9524	9541	9414
31	CS 210057	JOYRIDE	CS 140015	CS 160055	0.3	10567	9164	10452	10222	10641	9840		9120	9636	9016
32	CS 210067	CS 210067	GN 150237	CS 170074	2.8	10165	10362	8955	11335	8637	9841		8323	9437	8514
33	CS 210160	JOSEY	CIS 140008	CS 130005	2.8	9465	9757	7756	10836	9439	9140		9724	9137	9316
34	CS 210179	JAYDE	SS 160016	CS 180056	1.9	9865	9759	9257	11627	8242	9240				8512
35	CS 220001	KARMA	SS 160016	CS 140014	2.6	10366	9057	10156	11037	9139	9141		8225	8838	8314
36	CS 220017	KAMILA	SS 160016	CS 150054	2.6	9265	11867	9854	9930	8142	9742		9725	9639	9914
37	CS 220035	KOSHER	SS 160016	CS 190119	2.0	10264	9368	9258	11434	9641	9843		7622	9239	7515
38	CS 220056	KOOKIE	SS 160016	CS 190044	2.6	10664	8867	9251	12727	8442	9541		7020	8837	7212
39	CS 220074	KOOKSIE	AB 170021	CS 150044	0.0	10260	10264	8950	9034	9832	9039		10643	9240	1086
40	CS 220078	KATIE	CIS 140008	CS 170028	4.4	8959	9964	9344	10823	9230	9436		10124	9534	9719
41	CS 220106	LAUGH	GN 150237	SN 140193	3.9	10564	10567	9653	10025	9336	9939		9525	9836	9916
42	CS 220130	MISSY	GN 150300	CS 130001	3.9	8862	9665	9049	11626	9332	9738		9228	9536	9021
43	CS 220136	MONA	AB 170021	CS 170080	1.8	10164	11965	10051	7029	10334	9739		12544	10240	1258
44	CS 220140	MADLYN	GN 150300	CS 130006	6.6	10265	8265	6957	13135	9239	9242		7431	8740	7521
45	CS 220145	MARIAH	GN 150300	CS 160018	2.1	9060	9762	9347	10424	9332	9036		9926	9134	9920
46	CS 220156	MARNO	CIS 140008	CS 180019	2.2	9760	8864	9347	11025	9832	9237		9623	9134	9416

Selection List on Cow Value

Cows 2 years and older

IDName			Sire ID	Dam ID	% Inbreeding	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value		Growth Value	Prod Value	Carcass Value
Sorted on ID						Acc	Acc	Acc	Acc	Acc	Acc		Acc	Acc	Acc
						★★★★									
47	CS 230002	MANDY	AB 170021	NP 120085	1.7	9562	12567	8053	7531	9736	9641		11448	9942	11516
48	CS 230004	MAVISH	AB 170021	CS 130005	4.5	10162	10866	9252	8332	10836	9840		10946	10041	10712
49	CS 230007	MEISIE	GN 150300	CS 140010	2.0	10061	8862	8045	11723	9631	9236		8525	9034	8519
50	CS 230024	MAGMA	GN 150300	CS 180047	1.1	9760	9365	8146	11424	9932	9737		8826	9435	8720
51	CS 230026	MAGGIE	AB 170021	CS 180044	1.2	11861	10658	7849	8132	10735	9538		11444	9839	1138
52	CS 230050	MUMSIE	AB 170021	CS 160063	0.6	9560	11164	10049	7933	10633	9739		11044	10040	1108
53	CS 230067	MYRIAH	CIS 140008	CS 160062	2.4	9661	10766	9048	10130	9433	9939		10826	10136	10616
54	CS 230070	MUPS	VL 180051	CS 140021	0.0	8156	11361	11644	8321	9526	9433		11435	9733	11619
55	CS 230074	MOPPIN	VL 180051	CS 200024	1.4	7955	11262	11738	8623	10024	9833		11036	10034	11120
56	CS 230096	NASHI	AB 170021	CS 170018	0.0	9158	11163	10648	7628	10526	9536		11443	9837	1156
57	CS 230105	NINA	VL 180051	CS 150045	0.6	7757	10459	10740	9822	9626	9433		10136	9534	10220
58	CS 230106	NIKKY	VL 180051	CS 150055	0.8	8359	10962	11744	8827	9225	9235		11040	9436	10922
59	CS 230113	NOVA	VL 180051	CS 170005	0.0	8057	11059	10841	8519	9524	9132		10935	9333	11119
60	CS 230116	NOSY	SS 160016	CS 200060	1.3	9460	10566	9848	10727	8735	9739		9121	9535	9114
61	CS 230137	NIGHTINGALE	SS 160016	CS 200083	1.5	10160	10366	10350	11125	8434	9838				8912
62	CS 230141	NEELA	SS 160016	CS 200011	6.2	10461	10167	8951	11329	7936	9240		8224	8837	8516
63	CS 240003	OASIS	CS 180031	EK 170046	2.7	8857	8261	9941	12127	10125	9534				7815
64	CS 240012	ODELIA	SS 160016	CS 170041	1.9	9963	9767	10153	11028	9438	9841		8623	9537	8914
65	CS 240013	ODETTE	SS 160016	NP 170028	5.4	9863	10669	8453	11524	7635	9339		8020	8935	8212
66	CS 240057	ORTILLA	CS 200073	CS 210048	4.4	10155	11259	10341	8829	9722	9933		10520	10030	10510
67	CS 240058	OTISIA	CS 200073	CS 210051	3.3	9754	10162	11041	10128	9627	9935				9310
68	CS 240067	OMARI	CIS 140008	GN 150309	2.7	9461	8856	7943	12228	9132	9135		8627	8933	8519
69	CS 240070	OXYGEN	SS 160016	CS 180045	1.6	9863	9768	9353	11627	8837	9640		8323	9337	8614
70	CS 240071	PAIGE	SS 160016	CS 170036	2.4	9863	8368	10054	12629	9639	9941		7723	9337	7914
71	CS 240078	PEGGY	CS 210007	CS 190072	4.1	9756	9463	9441	11017	9228	9233				8314
72	CS 240093	CS240093	CS 200073	CS 210023	2.3	9954	11161	9839	9022	9426	9633				10210
73	CS 240098	CS240098		SN 120154	0.0	9652	8956	9736	11115	10419	9828				8010
74	CS 240100	CS240100	CS 200049	CS 160055	0.4	10657	8561	11045	10616	10228	9433				8612
75	CS 240103	CS240103	CS 200049	GN 150270	1.0	10059	9065	8845	10324	10427	9335		7820	8832	7914
76	CS 240108	CS240108	CS 210007	CS 150046	1.5	9256	10659	12040	9715	8826	9531				10510

Selection List on Cow Value

Cows 2 years and older

ID		Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value	Calf Growth Value	Milk Value	Maint. Value	Fertility Value	Cow Value		Growth Value	Prod Value	Carcass Value
Sorted on ID						Acc	Acc	Acc	Acc	Acc	Acc		Acc	Acc	Acc
						★★★☆☆									
77	CS 240116	CS240116	SS 160016	CS 140041	0.8	99 62	103 65	99 51	106 24	91 33	98 38				94 14
78	CS 240117	CS240117	SS 160016	CS 190069	2.0	106 61	105 67	103 51	109 26	82 36	99 39				95 12
79	CS 240168	CS240168		CS 210127	0.0	98 47	79 51	104 31	113 15	110 22	97 27				80 7
80	NP 180040	NP 180040	GN 140011	NP 110074	3.9	98 74	96 60	119 66	91 26	97 36	90 40		105 26	92 37	103 17
						★★★☆☆									
1	CS 170005	ERNEST		CS 120079	0.0	102 70	84 40	109 59	96 7	100 36	83 30				
2	CS 180023	FIRST	GN 140156	NP 140094	2.0	99 72	94 62	83 69	111 28	86 40	86 42		86 24	84 38	85 18
3	CS 180036	FAITH		JK 100005	0.0	108 66	77 60	97 55	107 12	97 40	81 37				82 10
4	CS 190052	GEORGIA	GN 150237	CS 140012	4.9	97 70	103 67	88 64	104 31	81 48	86 45		99 29	87 42	100 20
5	CS 190082	GIA	GN 150237	CS 130001	3.3	86 68	114 66	94 60	100 27	66 46	81 43		97 26	82 40	99 16
6	CS 200071	HARPER	CS 140015	CS 140025	6.6	98 67	90 54	70 61	96 36	109 32	87 38		82 28	84 36	78 22
7	CS 210006	JELIOUS	GN 140156	CS 160018	2.1	92 67	94 65	94 60	102 36	86 46	80 45		88 20	80 40	88 12
8	CS 210081	JOWEE	GN 140156	CS 180047	1.2	104 65	83 66	83 53	117 26	90 42	86 41				75 12
9	CS 210194	JETSAM	GN 150237	JK 100060	2.6	101 66	108 67	107 60	90 39	80 44	84 45		102 28	86 42	103 19
10	CS 230041	MILKEE	1292653	CS 160017	0.8	90 59	89 62	106 48	107 30	86 32	82 37		88 26	81 35	87 20
11	CS 230135	NIGGIE	VL 180051	CS 170076	1.0	82 56	108 60	114 42	86 22	86 24	84 33		106 36	87 34	107 20
12	CS 240010	OCTAVIA	SS 160016	CS 180023	6.1	98 62	96 66	88 52	118 26	79 34	89 39		78 20	85 35	79 14
13	CS 240029	OLIVE	SS 160016	CS 160018	1.2	89 62	96 65	102 52	107 25	79 36	82 39				86 12
14	CS 240101	CS240101	CIS 140008	CS 190003	4.3	99 60	96 65	84 46	110 27	87 30	89 37		97 26	90 35	96 17
15	CS 240111	CS240111	CIS 140008	CS 170069	2.1	96 58	91 62	95 42	105 21	87 26	82 34		99 20	83 31	97 14
16	CS 240157	CS240157	CIS 140008	CS 160040	2.1	100 59	91 62	109 43	103 21	88 26	85 34		104 20	87 31	101 14
17	EK 170046	EK170046B	CIS 100006	EK 140165	0.5	71 72	80 67	111 59	123 45	90 32	85 43		82 34	82 41	79 28
						★★★☆☆									
1	CS 170002	ELLIE		SN 110126	0.0	89 69	92 49	103 67	102 17	78 43	74 37				91 10
2	CS 170076	CS170076		ELS 120001	0.0	108 66	88 46	116 62	95 19	82 33	75 33				92 8
3	CS 180046	FAVOUR		NP 140078	0.0	78 64	93 59	107 50	98 14	81 39	73 36		91 20	73 33	93 15

Selection List on Cow Value

Cows 2 years and older

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc		Growth Value Acc	Prod Value Acc	Carcass Value Acc
					★★★									
4	CS 180047 FEAST	CS 140015	CS 110067	0.0	96 70	74 65	90 66	110 19	97 40	77 40				71 16
5	CS 190040 CS 190040	GN 150237	CS 140029	3.7	108 68	98 65	86 63	103 26	73 48	78 43		90 26	78 40	92 16
6	CS 190072 GETTA	CS 140015	NP 140006	1.2	96 71	72 69	88 63	119 23	85 46	72 44		63 26	66 40	60 22
7	CS 200088 HULSUM	SS 160016	SN 100070	3.4	99 69	98 69	86 64	111 32	63 44	74 45		85 28	73 42	82 16
8	CS 210083 JAYNE	CIS 140008	CS 150009	0.9	102 65	82 64	81 53	113 27	79 36	72 39		89 21	72 35	87 14
9	CS 210168 JEWELL	CIS 170044	CIS 180059	3.0	92 61	95 51	79 53	114 37	66 36	71 38		84 25	71 35	82 14
10	CS 220133 KARIN	CIS 140008	GN 140013	2.3	95 64	86 51	78 42	112 26	84 30	77 33		89 23	76 31	87 16
11	CS 220153 MAPLE	CIS 140008	CS 150005	2.4	98 60	90 62	89 44	112 28	79 30	79 36		93 23	80 33	90 16
12	CS 230008 MIA	CIS 140008	CS 180036	2.2	98 58	82 64	83 42	112 21	79 29	71 35		88 20	71 32	86 14
13	CS 230084 NANCY	CIS 140008	CS 180020	2.3	94 60	102 66	92 46	104 27	72 32	78 38		102 25	80 35	102 16
14	CS 240015 OFELIA	SS 160016	CIS 160045	2.8	92 62	90 68	83 51	126 26	60 34	71 39		74 22	68 36	72 14
15	CS 240072 PAMELA	CIS 140008	NP 180040	3.9	98 61	91 66	94 46	104 24	79 28	75 36		101 22	77 33	97 16
16	CS 240136 CS240136	CIS 140008	CS 170080	0.8	96 60	91 64	95 47	105 22	81 23	78 34		100 20	80 31	97 14
17	CS 240155 CS240155	CIS 140008	CS 150045	0.8	91 60	84 62	87 43	117 23	82 28	77 35		89 20	77 32	87 14
18	NP 190019 NP 190019	AB 130034	NP 120085	8.4	95 69	86 62	74 66	118 31	81 40	78 42		78 46	75 43	81 34
					★									
1	CIS 180059 CIS 180059	CIS 130006	CIS 120023	4.1	97 69	80 66	72 60	130 32	62 36	66 41		72 30	63 39	68 19
2	CS 220141 MAGNOLIA	CIS 140008	CS 170002	1.8	90 62	87 62	86 46	108 22	65 36	60 37		94 20	63 34	92 14
					★									
1	CS 220058 KNOTTY	CIS 140008	CIS 160045	17.2	96 64	88 67	68 47	120 24	48 36	54 39		89 23	56 36	82 16

Selection List on Cow Value

Bull calves younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc		Growth Value Acc	Prod Value Acc	Carcass Value Acc
					★★★★☆									
1	CS 250074	CS250074	CS 200083	0.0	101 47	130 54	105 33	73 12	103 21	111 27				132 5
2	CS 250112	CS250112	CS 210141	0.0	106 48	111 53	122 34	78 25	115 24	111 30				126 7
3	CS 260029	CS260029	AB 200096	1.2	95 58	116 49	98 44	85 24	114 28	112 32		113 36	113 33	116 12
					★★★★									
1	CS 250001	CS250001	CS 180030	0.0	101 50	85 34	111 33	109 18	107 26	100 25				90 8
2	CS 250009	CS250009	CS 190065	0.0	97 48	89 33	100 30	105 13	111 22	101 22				88 6
3	CS 250042	CS250042	CS 220142	0.0	93 48	102 52	108 32	94 22	113 24	107 29				98 10
4	CS 250048	CS250048	CS 220044	0.0	97 46	93 52	104 29	106 18	113 21	107 27				95 10
5	CS 250076	CS250076	CS 210070	0.0	104 48	86 54	105 34	108 19	109 21	101 29				94 7
6	CS 250081	CS250081	CS 170040	0.0	102 49	76 51	117 34	100 5	125 22	100 25				89 8
7	CS 250089	CS250089	CS 190060	0.0	98 49	131 56	101 34	75 13	95 23	106 28				128 8
8	CS 250100	CS250100	CS 180045	0.0	101 50	109 56	99 38	91 16	106 24	105 30				112 10
9	CS 250113	CS250113	CS 210051	0.0	96 47	121 55	113 32	74 24	105 20	105 29				123 6
10	CS 250118	CS250118	CS 170004	0.0	100 51	99 54	126 36	86 18	118 24	107 30				111 7
11	CS 250147	CS250147	CS 210026	0.0	103 48	97 31	103 27	94 15	120 21	108 22				100 8
12	CS 250149	CS250149	CS 160027	0.0	101 51	92 32	113 37	101 18	112 25	105 25				100 10
13	CS 260006	CS260006	CS 190054	0.0	103 47	95 31	118 30	90 6	115 20	103 20				103 10
14	CS 260007	CS260007	AB 200096	3.1	96 59	120 48	111 45	83 26	94 31	102 33		116 38	105 34	121 12
15	CS 260012	CS260012	CS 190094	0.0	101 48	93 30	106 32	103 15	112 24	105 23				95 7
16	CS 260017	CS260017	AB 200096	1.6	90 57	119 47	117 40	82 25	101 31	105 32		119 37	108 33	125 10
17	CS 260023	CS260023	CS 190055	0.0	95 47	98 32	120 30	91 6	109 22	100 21				102 10
18	CS 260045	CS 260045	CS 220137	0.0	97 47	95 34	112 30	95 18	113 24	103 24				97 12
					★★★★☆									
1	CS 250012	CS250012	CS 180072	0.0	100 50	89 34	114 32	101 18	108 26	99 25				97 10
2	CS 250014	CS250014	CS 180020	0.0	98 50	97 34	116 34	96 17	95 25	92 25				100 10
3	CS 250025	CS250025	CS 210034	0.0	105 48	74 53	100 32	104 10	121 22	96 27				83 8
4	CS 250027	CS250027	CS 170064	0.0	105 49	87 54	116 36	95 12	104 22	90 28				100 8
5	CS 250028	CS250028	CS 160036	0.0	98 48	91 50	98 32	99 14	104 18	91 26				95 6

Selection List on Cow Value

Bull calves younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc		Growth Value Acc	Prod Value Acc	Carcass Value Acc
					★★★★★									
6	CS 250039	CS250039	CS 200043	0.0	104 48	93 53	99 33	105 13	98 20	95 27				90 8
7	CS 250053	CS250053	CS 190023	0.0	105 48	93 53	99 32	101 13	106 19	98 26				96 6
8	CS 250064	CS250064	CS 200077	0.0	104 47	92 50	94 32	100 13	111 18	99 25				92 10
9	CS 250110	CS250110	NP 180040	0.0	100 51	96 57	116 34	87 13	103 18	91 27				107 8
10	CS 250164	CS250164	CS 230009	0.0	106 46	88 32	99 24	105 12	107 16	98 20				93 10
11	CS 250165	CS250165	CS 180010	0.0	105 50	86 35	109 36	100 17	113 26	99 25				97 9
12	CS 260003	CS260003	AB 200096	CS 170069	0.9	96 55	113 40	114 39	81 22	96 24	97 27	115 35	100 29	120 8
13	CS 260008	CS260008	AB 200096	CS 210067	2.5	94 54	120 46	98 38	91 29	83 26	96 31	106 36	97 32	112 10
14	CS 260014	CS260014	AB 200096	CS 210022	2.7	94 55	118 47	108 39	83 29	88 30	95 32	110 36	97 33	116 10
15	CS 260018	CS260018	AB 200096	CS 200044	2.6	94 56	109 49	89 41	97 25	88 28	92 32	99 36	92 33	104 10
16	CS 260024	CS260024	AB 200096	CS 150055	1.3	101 59	113 44	114 43	81 28	87 26	90 31	116 40	95 33	119 12
17	CS 260047	CS 260047		CS 220136	0.0	102 44	102 32	107 25	81 15	105 17	94 20	110 22	96 20	
18	CS 260048	CS 260048		CS 200024	0.0	98 45	93 31	120 25	94 12	109 18	98 20			97 6
19	CS 260402	CS 260402		CS 180020	0.0	101 48	95 34	116 34	96 17	95 25	91 24			100 10
					★★★★★									
1	CS 250007	CS250007		CS 200009	0.0	115 48	88 34	100 30	103 13	94 24	88 23			92 6
2	CS 260019	CS260019	AB 200096	CS 180036	0.6	98 55	106 46	102 38	88 22	89 27	87 30	105 35	89 31	110 8
3	CS 260049	CS 260049		CS 210083	0.0	103 44	84 32	98 27	103 14	94 18	81 21			92 7
					★★★★★									
1	CS 250145	CS250145		CS 220141	0.0	94 45	88 31	101 23	101 11	86 18	76 20			95 7

Selection List on Cow Value
Heifers younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc		Growth Value Acc	Prod Value Acc	Carcass Value Acc
					★★★★★									
1 CS 250050	CS250050		CS 160038	0.0	9852	9955	11539	9720	12928	12232				10410
					★★★★☆									
1 CS 250038	CS250038		CS 180012	0.0	10250	9555	11436	9716	11926	11030				1008
2 CS 250041	CS250041		CS 160024	0.0	9451	9454	11538	10217	12526	11630				9610
3 CS 250055	CS250055		CS 170036	0.0	10050	10455	10338	10019	11528	11531				10510
4 CS 250077	CS250077		CS 220031	0.0	9446	12453	10930	7619	10820	11028		12022	11327	
5 CS 250083	CS250083		CS 160022	0.0	10452	10654	10239	9416	12226	11930				1058
6 CS 250134	CS250134		CS 180057	0.0	9549	11456	11136	8917	11426	11630				1128
7 CS 250139	CS250139		CS 170065	0.0	9450	9635	11735	9615	12126	11125				10010
8 CS 250148	CS250148		CS 190038	0.0	9150	9834	12535	9314	13124	11924				1037
9 CS 260026	CS260026		CS 210153	0.0	9249	9929	11531	10520	11524	11523				1008
					★★★★									
1 CS 250006	CS250006		CS 150008	0.0	9250	10028	10534	9516	11121	10322				1036
2 CS 250022	CS250022		CS 200025	0.0	10747	10151	11332	9411	10116	10025				1045
3 CS 250034	CS250034		CS 170025	0.0	9544	9246	11229	10210	10920	10124				9110
4 CS 250045	CS250045		CS 200019	0.0	10349	8355	11934	10216	12025	10529				9310
5 CS 250046	CS250046		CS 180056	0.0	9850	10054	10834	9715	10724	10429				1016
6 CS 250059	CS250059		CS 160002	0.0	9549	9652	11835	9511	11520	10526				10110
7 CS 250067	CS250067		CS 190012	0.0	9550	10055	10936	9716	11524	10929				10010
8 CS 250086	CS250086		CS 180019	0.0	9950	8854	11736	10115	12224	10829				948
9 CS 250088	CS250088		CS 210080	0.0	10447	9753	9733	10824	10218	10328				945
10 CS 250094	CS250094		CS 210048	0.0	9947	12152	10931	7325	10514	10427				1207
11 CS 250120	CS250120		CS 190098	0.0	9649	8955	12036	10114	12024	10829				927
12 CS 250132	CS250132		CS 150004	0.0	10349	8453	11736	1028	12522	10827				876
13 CS 250135	CS250135		CS 220035	0.0	9946	9954	10130	10117	10220	10127				908
14 CS 250138	CS250138		CS 150023	0.0	9950	8829	10536	10114	11720	10322				
15 CS 250143	CS250143		CS 190003	0.0	10550	9331	10833	9918	11122	10323				9810
16 CS 260020	CS260020		CS 190025	0.0	9850	9734	10033	10316	11122	10724				9412

Selection List on Cow Value

Heifers younger than 2 years

ID Sorted on ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc		Growth Value Acc	Prod Value Acc	Carcass Value Acc
					★★★★									
17	CS 260042	CS260042	CS 210034	0.0	99 48	85 33	99 31	102 10	121 22	102 22				86 8
18	CS 260043	CS260043	CS 210004	0.0	101 48	92 27	114 30	104 19	114 21	108 22				100 8
19	CS 260050	CS 260050	CS 210184	0.0	97 47	96 29	112 32	91 21	115 24	102 24				100 12
20	CS 260052	CS 260052	CS 230109	0.0	101 45	90 33	109 25	104 15	106 20	100 22				93 8
					★★★★☆									
1	CS 250020	CS250020	NP 130018	0.0	87 53	99 36	106 36	96 13	97 24	91 24				93 15
2	CS 250023	CS250023	CS 160017	0.0	106 49	92 51	112 35	97 13	99 23	92 27				95 10
3	CS 250037	CS250037	CS 220015	0.0	101 47	95 53	111 30	100 19	100 20	97 28				95 7
4	CS 250043	CS250043	CS 220017	0.0	91 47	106 33	107 27	96 15	94 20	97 22				98 7
5	CS 250054	CS250054	CS 190078	0.0	94 49	98 54	104 33	101 12	100 22	97 27				91 8
6	CS 250058	CS250058	CS 200087	0.0	92 48	107 54	111 33	95 13	96 22	99 28				104 8
7	CS 250061	CS250061	NP 170028	0.0	98 51	107 57	94 38	98 7	94 22	97 28				95 8
8	CS 250091	CS250091	CS 220038	0.0	87 46	96 53	109 30	94 18	109 20	97 27		97 22	97 26	
9	CS 250111	CS250111	CS 150019	0.0	95 50	75 52	111 32	103 14	121 20	95 27				78 8
10	CS 250146	CS250146	CS 220056	0.0	101 46	89 34	104 25	110 13	96 21	94 22				85 6
11	CS 250154	CS250154	CS 190076	0.0	99 48	95 33	107 32	98 13	101 24	95 23				96 8
12	CS 250158	CS250158	CS 210045	0.0	102 47	93 33	109 26	100 13	97 20	93 21				95 6
13	CS 250159	CS250159	CS 190057	0.0	101 47	100 31	121 27	90 7	100 20	96 20				104 10
14	CS 260001	CS260001	CS 210107	CS 170033	1.9	104 56	85 40	107 41	109 22	106 28	99 29	95 22	97 28	93 14
15	CS 260002	CS260002	AB 200096	CS 150002	0.5	93 58	115 43	115 43	83 23	96 27	98 30	118 36	102 31	121 10
16	CS 260013	CS260013	AB 200096	CS 210057	0.8	96 55	114 47	105 37	85 24	93 28	96 31	111 36	98 32	114 10
17	CS 260015	CS260015		CS 210023	0.0	95 46	104 30	110 27	82 18	101 18	91 21			105 6
18	CS 260022	CS260022	AB 200096	CS 210130	2.6	95 55	112 46	105 39	97 29	87 29	98 32	104 36	99 33	109 10
19	CS 260027	CS 260027	AB 200096	CS 180024	1.2	101 49	110 47	96 39	91 25	93 29	96 31	107 36	98 32	110 10
20	CS 260031	CS260031	AB 200096	CS 180016	0.0	98 56	113 46	103 39	81 21	95 26	93 29	112 34	96 30	117 7
					★★★									
1	CS 250032	CS250032		CS 170076	0.0	101 45	88 47	117 32	97 10	95 16	85 23			
2	CS 250057	CS250057		CS 190082	0.0	93 48	103 53	104 31	95 13	87 22	87 27			100 8

Selection List on Cow Value
Heifers younger than 2 years

ID	Name	Sire ID	Dam ID	% Inbreeding	Calving Ease Value Acc	Calf Growth Value Acc	Milk Value Acc	Maint. Value Acc	Fertility Value Acc	Cow Value Acc		Growth Value Acc	Prod Value Acc	Carcass Value Acc
Sorted on ID														
					★★★									
3	CS 250106 CS250106		CS 170002	0.0	93 49	96 53	108 34	96 9	93 22	87 27				96 6
4	CS 250121 CS250121		CS 200088	0.0	97 48	95 56	100 33	104 16	86 22	86 29				87 8
5	CS 250122 CS250122		CS 200002	0.0	101 47	81 55	105 33	109 15	94 22	85 28				81 7
6	CS 250163 CS250163		CS 190040	0.0	102 48	95 33	101 31	98 13	91 24	86 23				94 8
7	CS 260004 CS260004	AB 200096	CS 190052	2.5	94 56	118 48	97 42	87 26	81 30	89 32		114 38	93 33	119 12
8	CS 260009 CS260009		CS 210006	0.0	95 48	92 33	105 30	98 18	97 24	87 24				92 6
9	CS 260010 CS260010	AB 200096	CS 180047	0.4	94 57	104 48	98 42	90 23	89 28	85 31		102 36	86 32	105 10
10	CS 260021 CS260021	AB 200096	NP 190019	5.5	92 57	111 46	90 42	94 26	81 26	86 31		104 42	88 33	109 18
11	CS 260028 CS260028	AB 200096	CS 190072	1.7	90 56	105 49	97 41	94 23	83 29	83 31		97 37	84 32	99 12
					★★★									
1	CS 250153 CS250153		CS 220058	0.0	100 46	87 34	91 23	107 12	78 18	72 21				90 8

