



SENEPOL

BREEDING VALUE REPORT

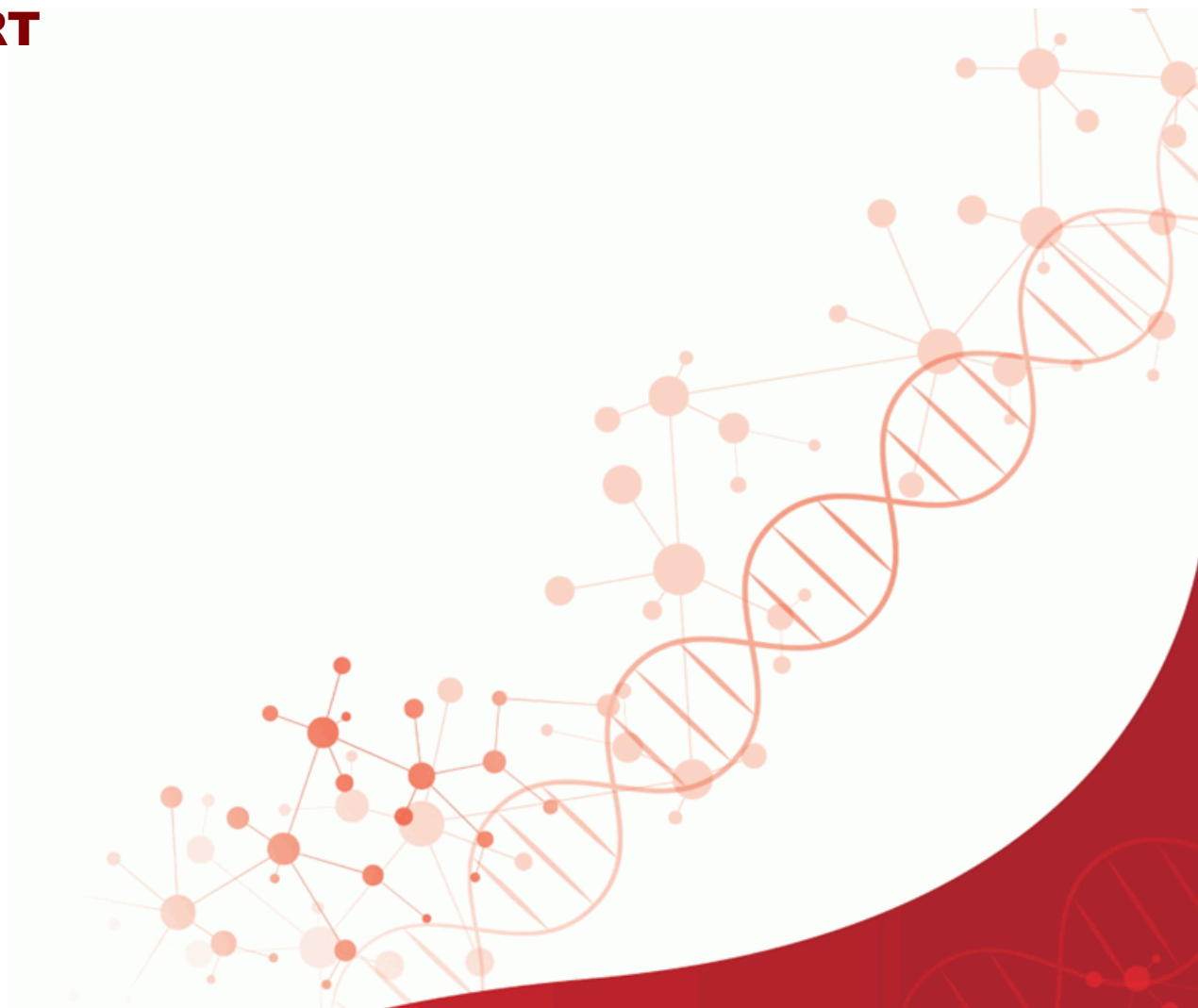
September 2026



CCR BEEF (PTY) LTD

Herd Number: 720503

e-mail: calcrete@nwisp.co.za



EBVs, EBVi's and Selection Values



Logix Cow Value

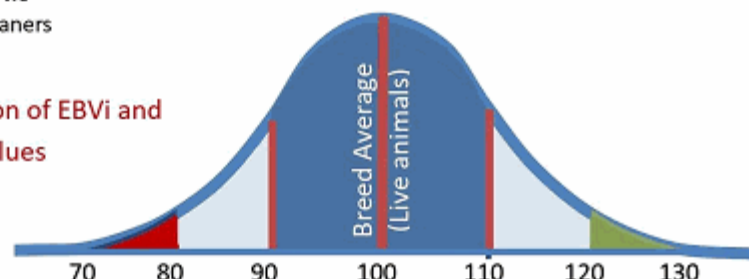
Selecting for:

- 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).

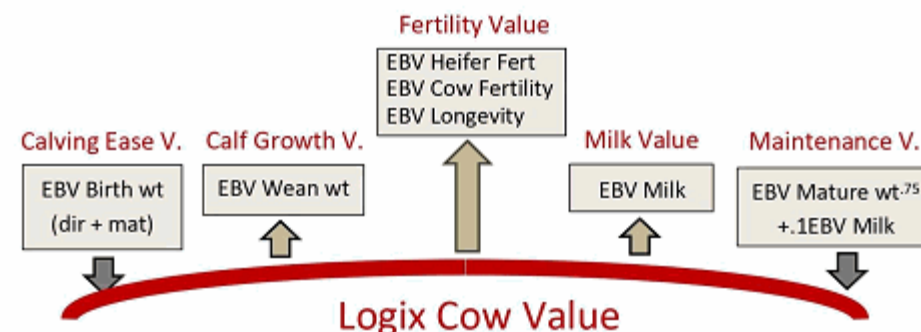


Logix Cow Value

	<< 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.

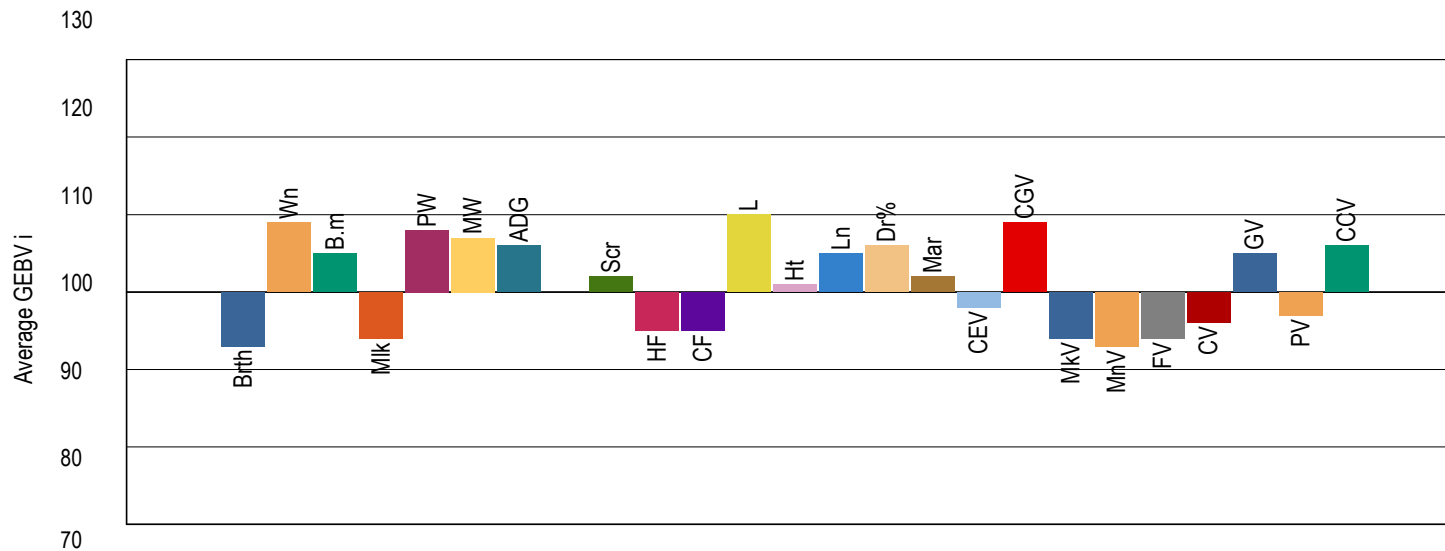


The Logix Cow Value identifies fertile, genetically balanced animals. Balanced animals breed heavy weaners relative to cow weight.



	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	1.15	93	0.51
	Wean Weight	9.6	109	5.6
	Birth Mat.	-0.28	105	-0.08
	Milk (Wn.Mat.)	-3.0	94	-0.9
Postwean Growth	Postwean Wt	12.6	108	7.7
	Mature Weight	9	107	2
	ADG	44	106	22
	FCR			
Fertility	Scrotal Circumf.	1.2	102	0.2
	Heifer Fertility	1.2	95	-2.5
	Cow Fertility	0.8	95	-0.2
	Longevity	16.1	110	9.8
Frame	Height	3	101	2
	Length	9	105	3
Carcass	Dressing%	44.18	106	44.09
	Marbling	0.45	102	0.39

Selection Value	Ave. Herd
Calving Ease	98
Calf Growth	109
Milk	94
Maintenance	93
Fertility	94
Cow Value	96
Growth Value	105
Production Value	97
Carcass Value	106

- 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?:

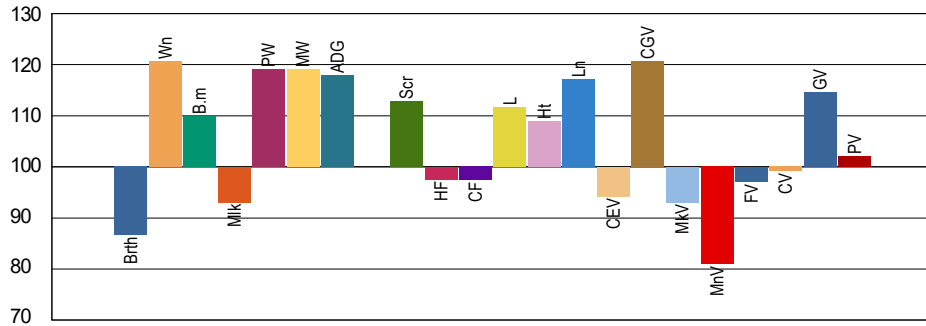
Calving ease:	Smaller calf at birth - easier calving
Calf growth:	Heavier calves at wean due to growth potential of the calf
Milk:	Cows with more milk and better mothering ability
Maintenance:	Animals with low maintenance requirements (lower mature weight).
Fertility:	Cows/daughters that calve earlier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

Genetic Windows

Bulls on the farm

Bulls born in 2023 and earlier

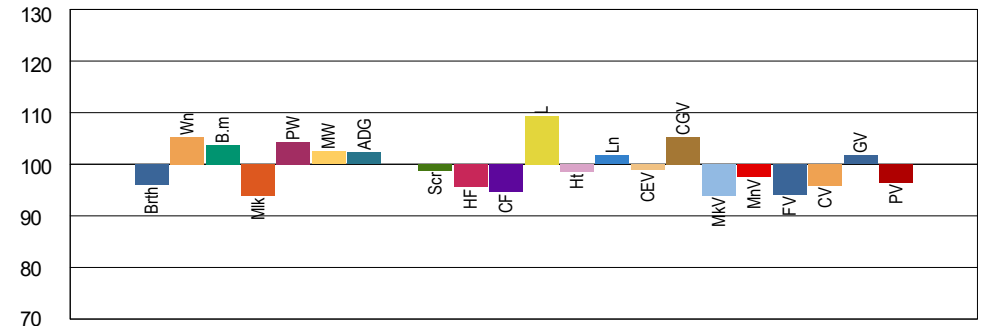
Total: 17



Cow Herd

Cows born in 2024 and earlier

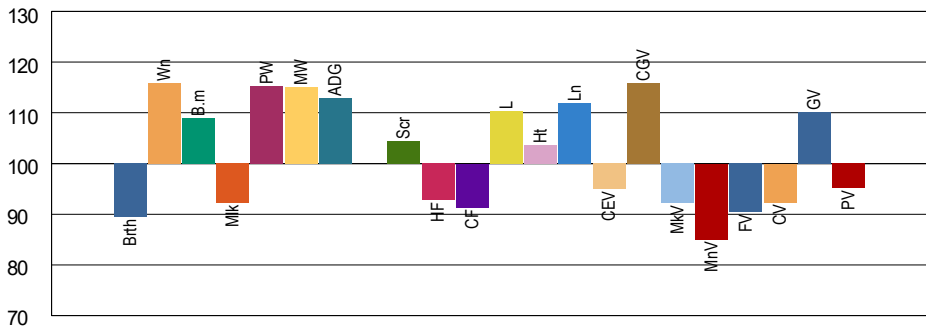
Total: 201



Sires of young animals

Sires of animals 3 years and younger

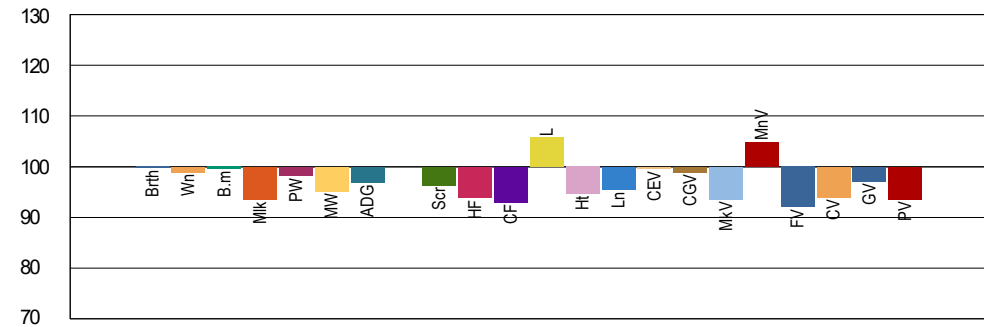
Total: 15



Cows older than 6 years

Cows born in 2020 and earlier

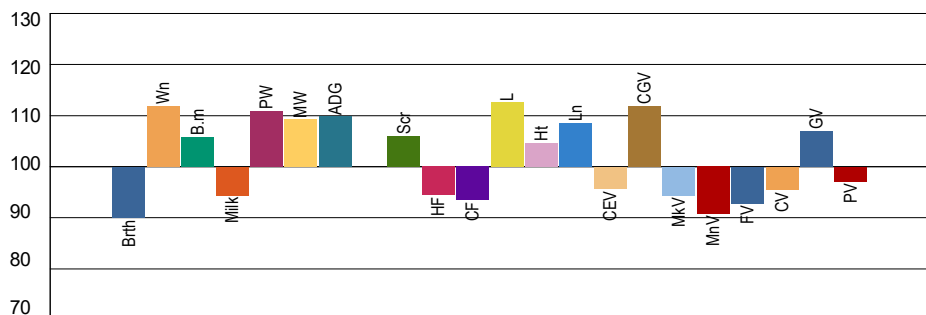
Total: 87



Bull calves

Bulls born in 2025

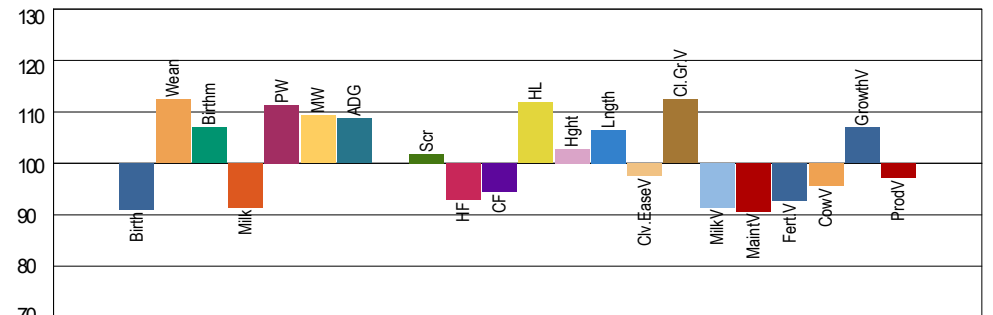
Total: 44



Heifer calves

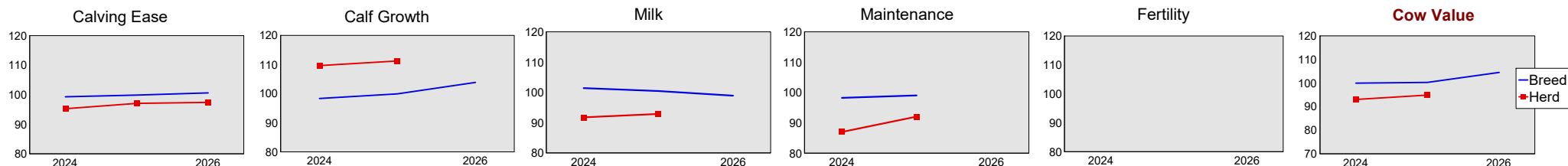
Heifers born in 2025

Total: 64



Genetic Trends for On-Farm Traits

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



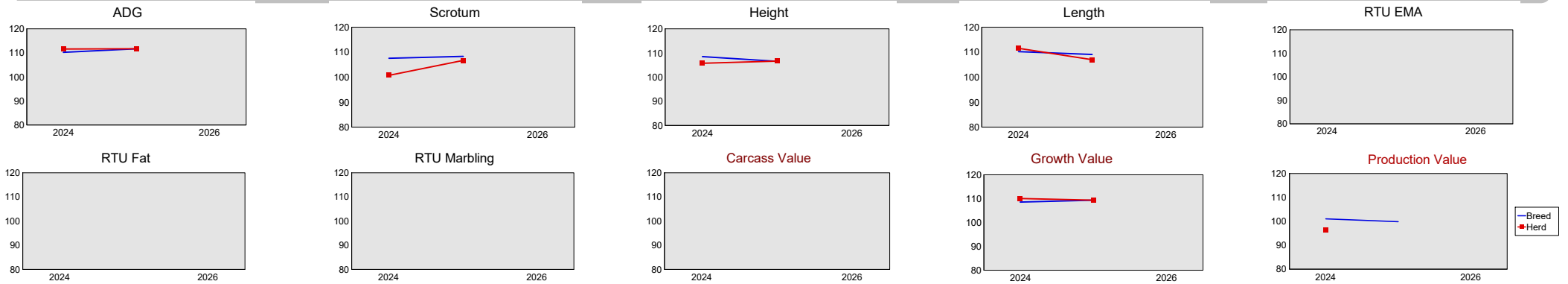
Herd

Birth Year	Calving Ease				Calf Growth			Milk			Maintenance				Fertility						Cow Value		
	Birth Weight		Mat EBV	Calv. Ease	Weaning Weight		Calf Growth	Milk (Wn.Mat.)		Milk	Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Ferti- lity	
	Number	Dir EBV			Number	EBV		Number	EBV		Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number			EBV
2024	118	1.31	-0.18	95	107	9.7	110	107	-3.61	92	70	16.0		87								93	
2025	135	1.33	-0.30	97	69	10.4	111	69	-3.23	93	11	14.6		92								95	
2026	59	1.38	-0.34	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.)		Postwean Weight		Mature Weight		Maintenance	Heifer Fert.		Cow Fert.		Longevity		Ferti- lity		
	Number	Dir EBV			Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	EBV	Number	EBV	Number	EBV		Number	
2016	1292	0.34	0.01	100	702	3.7	96	702	-2.30	96	482	4.3	136	-6	107	199	-1.8	146	1.1	1597	2.5	96	95
2017	1430	0.42	0.02	99	938	3.9	96	938	-2.22	96	626	5.0	132	-3	105	207	0.0	155	0.3	1594	3.5	96	96
2018	1571	0.42	-0.05	100	958	4.1	96	958	-1.83	97	597	6.8	140	1	100	187	-4.0	147	-0.1	1731	4.4	100	95
2019	1515	0.49	-0.02	99	1032	4.7	98	1032	-2.07	96	522	6.7	128	2	101	184	0.3	151	0.2	1686	5.1	96	96
2020	1228	0.55	0.03	98	705	5.0	99	705	-1.88	97	414	7.1	129	-1	103	160	0.7	103	-0.4	1404	4.9	96	96
2021	1144	0.35	-0.06	101	706	5.4	99	706	-1.97	97	409	7.7	154	-2	101	159	-1.6	97	-0.7	1281	5.9	100	98
2022	1327	0.49	-0.09	100	924	5.0	99	924	-1.19	99	521	7.8	112	2	99	194	-0.6	76	-0.7	675	5.3	98	98
2023	1359	0.51	-0.10	100	967	5.7	100	967	-1.80	97	539	9.2	62	3	98	129	-4.4	1	1.3			101	99
2024	1417	0.53	-0.06	99	1072	4.9	98	1072	-0.42	101	479	9.0			98								100
2025	1438	0.49	-0.07	100	682	5.6	100	682	-0.72	100	160	9.9			99								100
2026	604	0.46	-0.09	101	57	7.3	104	57	-1.27	99													105

Genetic Trends for Growth Test Traits



Herd

Birth Year	Growth						Frame						Carcass						Selection Values			
	ADG			Scrotum			Height			Length			EMA			Fat		Marbling		Carcass Value	Growth Value	Prod Value
	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	Number	EBV	EBVi	RTU Number	EBV	EBVi	EBV	EBVi	EBV	EBVi			
2024	37	65	112	36	0.5	101	37	6	106	37	15	112								110	96	
2025	11	65	112	11	3.4	107	11	6	107	11	10	107								109		
2026																						

Breed

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

Sires

Bull			Selection Values								Birth		Wean				Grwth		Fertility				Raam		Carcass			Progeny			
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured		
ID Comp.nr																													Birth	Wean	
1115578 78542974		1111494	89	120	106	74	92	91	111	94	123	87	98	126	120	106	110	117	112	136	90	95	105	123	129	102	146	97	14	12	
		1112838	70	73	56	33	36	43	66	48	44	1.76	-0.01	30	14.1	1.1	35	17.8	66	17.5	5.2	0.7	12.9	17	32.4	0.68	1.29	0.28	6	4	11
AB 070057 65823874	CRSC3 AB 011261		114	72	115	110	98	84	103	87	92	126	89	90	72	115	97	64	92	93	109	90	100	114	107	86	97	101	18	15	
			80	78	74	53	49	54	63	56	31	-1.92	0.34	-9	-6.3	4.1	1	-13.5	-7	-3.0	-9.1	1.6	9.6	11	10.0	-0.58	-0.49	0.43	2	9	37
AB 070069 66438557	CN5480 AB 011270		100	116	78	79	56	59	116	66	104	99	101	121	116	78	86	114	111	90	57	67	98	104	98	93	117	103	62	17	
			91	88	87	77	70	69	75	70	40	0.65	-0.11	24	12.2	-8.3	-29	16.2	60	-4.8	30.0	5.8	8.4	4	1.8	0.02	0.23	0.48		25	88
AB 080031 66627027	KL 040082 AB 050018		105	101	90	106	111	111	100	110	96	105	100	94	101	90	94	95	98	92	109	109	93	114	93	97	136	121	2	1	
			59	53	55	43	40	41	46	42	27	0.05	-0.09	-4	5.9	-4.1	-7	4.9	14	-3.5	-9.5	-1.8	5.3	11	-3.5	0.29	0.93	1.10		1	8
AB 100028 72689383	RBS9704G AB 011266		93	98	91	131	45	69	103	73	96	95	95	69	98	91	103	106	105	98	49	50	101	87	84	98	68	102	127	97	
			92	95	90	81	70	71	89	75	44	1.00	0.09	-31	4.8	-4.0	14	11.4	41	-0.9	35.7	8.9	10.1	-7	-13.0	0.41	-1.53	0.45	25	33	113
AB 120007 75655175	SS 080071 AB 011261		99	88	96	138	53	79	85	77	84	106	90	62	88	96	104	81	80	107	83	44	98	84	96	82	80	90	214	172	
			94	97	91	81	74	73	92	77	50	-0.07	0.27	-39	0.7	-2.1	18	-3.4	-50	3.7	10.0	9.9	8.8	-9	-0.3	-0.86	-1.09	0.04	38	38	129
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 130121 79222303	CIS 090027 AB 110006		114	78	76	110	99	83	86	81	76	115	101	90	78	76	64	73	83	57	109	92	110	86	64	80	114	107	15	10	
			76	75	68	56	49	53	76	58	21	-0.94	-0.11	-8	-3.6	-8.8	-84	-8.5	-39	-20.5	-9.3	1.2	16.0	-7	-32.4	-1.03	0.14	0.62	3	4	12
AB 150023 82204900	AB 120007 AB 120155		109	73	100	134	64	73	101	76	88	125	82	66	73	100	93	79	99	92	103	46	105	81	82	85	84	95	12	10	
			74	79	65	52	48	53	77	58	27	-1.85	0.60	-35	-5.6	-0.9	-11	-4.6	17	-3.8	-5.1	9.5	12.6	-10	-14.3	-0.66	-0.95	0.21	4	2	10
AB 150150 82829300	CIS 090027 RO 080059		97	131	72	70	108	105	117	108	122	79	120	130	130	72	89	127	114	94	101	110	102	92	107	121	114	114	86	69	
			84	93	73	62	52	60	90	66	26	2.45	-0.83	34	18.5	-10.0	-21	23.6	74	-2.8	-3.5	-2.0	11.0	-3	10.1	2.15	0.13	0.86	28	9	13
AB 150152 82966128	AB 100028 AB 110005		113	82	81	123	79	81	102	83	89	118	98	77	82	81	75	89	106	83	81	84	98	80	73	86	73	89	16	13	
			75	81	66	59	48	55	75	59	28	-1.14	0.00	-22	-2.1	-7.2	-56	1.3	44	-7.8	12.2	2.8	8.8	-11	-23.1	-0.53	-1.36	0.02	3	2	10
AB 170020 86184611	AB 100028 AB 110079		116	86	84	140	81	101	113	103	99	124	94	60	86	84	89	93	108	101	92	78	114	95	93	94	80	101	10	10	
			74	78	66	52	46	52	66	55	24	-1.71	0.15	-41	-0.2	-6.1	-20	3.5	53	0.5	3.4	3.8	18.5	-2	-3.4	0.06	-1.09	0.43	4	3	5
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 180030 87049706	CIS 120010 AB 130120		99	103	72	78	124	98	128	104	118	102	94	122	103	72	72	115	135	96	92	140	114	99	89	118	99	116	25	20	
			78	84	64	49	46	53	75	57	20	0.32	0.13	25	7.0	-10.2	-64	16.3	151	-1.7	3.3	-7.4	18.0	1	-7.6	1.98	-0.42	0.93	3	3	3

Sires

Bull			Selection Values									Birth		Wean				Grwth		Fertility				Raam		Carcass			Progeny		
Index EBV Acc	Genomic	Sire ID Dam ID	Calv. Ease V	Calf Growth V	Milk Value	Maint. V	Fertility V	Cow Value	Growth Value	Prod. Value	Carcass V	Birth wt	Birth mat	Cow wt wean	Wean wt	Wean mat	Cow-Calf wn	Post wn wt	ADG	Scrotum	Heifer Fert	Cow Fert.	Longevity	Height	Length	EMA	Fat	Marbling	Nr measured		
ID Comp.nr																													Birth	Wean	
AB 180113 87952115	CIS 120005 AB 130138	90	134	80	56	112	101	113	103	131	74	135	144	134	80	93	129	119	98	112	109	119	111	126	131	126	113	66	52		
		84	90	71	57	56	60	84	65	12	2.98	-1.38	49	19.8	-7.4	-9	24.9	90	-0.5	-11.4	-1.8	21.5	9	28.8	2.92	0.57	0.83	19	8	10	
AB 190123 89759146	CIS 120005 AB 140101	95	114	79	91	87	89	105	91	106	73	127	109	114	79	89	117	115	101	90	88	111	99	93	108	106	93	61	39		
		78	89	59	46	43	52	82	58	15	3.04	-1.06	12	11.7	-7.9	-21	17.4	78	0.8	4.8	2.0	16.2	1	-4.1	1.13	-0.14	0.16	10	1	1	
AB 200047 90474305	AB 170021 AB 170009	83	93	108	106	78	78	118	84	104	96	78	94	93	108	106	112	125	68	81	81	105	100	108	99	87	101	21	19		
		71	83	56	39	40	48	73	53	16	0.90	0.72	-5	2.7	1.8	22	15.0	115	-15.2	11.5	3.2	12.9	2	11.4	0.44	-0.82	0.44	2			
AB 200123 91355016	AB 170021 AB 180017	74	124	106	67	86	81	118	87	126	72	95	133	124	106	111	117	118	124	89	87	124	111	129	122	117	118	56	49		
		74	91	59	40	36	49	80	55	17	3.17	0.11	37	15.8	1.3	36	17.6	89	11.8	5.8	2.2	24.3	9	32.0	2.27	0.23	0.98	8			
AB 200153 91398578	AB 150150 AB 160021	87	134	82	79	110	116	116	118	125	77	108	121	134	82	101	137	119	85	102	114	120	95	116	127	115	114	35	30		
		73	87	58	46	35	49	78	55	16	2.65	-0.39	24	19.8	-6.9	10	29.7	92	-7.1	-4.0	-2.6	22.0	-1	19.7	2.67	0.18	0.86	6			
AB 210042 92187731	AB 170021 AB 160139	88	124	72	81	92	92	127	99	125	89	93	119	124	72	87	130	133	97	84	99	106	102	112	118	97	111	6	6		
		66	76	55	41	36	45	73	51	14	1.51	0.17	22	15.9	-10.3	-26	25.4	145	-1.4	9.5	0.0	13.5	3	15.5	1.95	-0.47	0.77	2			
AB 210063 92187913	CIS 120005 AB 150195	125	89	78	103	74	71	92	72	92	115	119	97	89	78	73	88	93	103	97	65	99	87	89	92	97	86	9	9		
		71	74	58	47	40	48	74	53	16	-0.92	-0.77	-1	0.9	-8.2	-62	0.9	-5	1.8	0.1	6.1	8.9	-6	-7.5	-0.06	-0.46	-0.08	2			
AB 210150 92955244	1115578 AB 160106	84	126	97	67	101	96	119	100	133	88	89	133	126	97	107	130	126	130	99	103	116	115	125	125	132	110	23			
		69	64	47	37	32	40	70	46	24	1.61	0.31	37	16.7	-2.0	25	25.6	118	14.6	-1.4	-0.6	19.4	12	27.8	2.52	0.77	0.72	2			
AB 220030 93687473	CN 170014 AB 130141	108	99	93	104	78	83	104	85	104	102	108	96	99	93	95	99	106	111	88	76	106	94	96	107	76	92	8			
		70	69	57	47	38	46	71	51	21	0.31	-0.39	-2	5.1	-3.1	-5	6.9	42	5.6	6.9	4.1	13.6	-2	-0.2	1.06	-1.23	0.11				
AB 220080 93908028	CIS 120008 AB 160006	108	121	104	100	74	101	109	103	119	98	115	100	121	104	120	111	111	124	73	82	107	115	116	118	117	111	25	8		
		74	78	58	48	40	49	75	54	14	0.68	-0.62	2	14.4	0.4	58	13.9	62	11.7	17.7	3.0	14.2	12	19.5	1.92	0.23	0.75	2			
AB 230065 96035530	CIS 180003 AB 100055	68	135	113	60	109	105	135	112	136	64	87	140	135	113	121	138	137	111	99	113	119	128	138	132	116	115	6			
		67	68	55	35	32	41	70	47	12	3.92	0.39	44	20.6	3.3	61	30.0	157	5.5	-2.0	-2.6	21.3	20	41.4	3.02	0.19	0.88				
CIS 080009 66924515	RD6801J RO 040017	92	103	73	97	99	91	107	93	97	90	99	103	103	73	77	114	104	95	84	110	91	91	87	102	73	123	60	31		
		88	89	79	63	56	61	71	63	50	1.47	-0.04	5	7.0	-10.0	-51	15.8	38	-2.1	9.6	-2.0	4.1	-4	-9.8	0.67	-1.36	1.16	1	3	11	
CIS 080025 69240760	CN5480 RD09J	96	103	91	99	69	74	85	73	95	98	96	101	103	91	94	106	88	90	91	62	89	107	108	103	64	90	121	81		
		92	94	89	78	66	69	88	73	61	0.66	0.08	3	6.8	-3.8	-7	11.4	-22	-4.6	3.9	6.7	3.0	6	11.1	0.76	-1.67	0.04	23	30	98	
CIS 080026 68410117	WC754A JS12E	109	96	104	97	73	74	104	77	108	120	88	103	96	104	100	104	106	118	94	65	101	84	96	110	100	93	37	25		
		82	83	76	63	55	59	62	60	20	-1.38	0.35	6	3.9	0.3	7	10.1	43	8.9	2.1	6.0	10.2	-9	-0.7	1.30	-0.36	0.16	2	11	37	

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
CIS 090027 70719570	SCR3051N 97-0146SC	93	121	62	84	117	111	120	114	118	90	101	116	121	62	78	120	118	83	107	119	96	109	109	126	116	125	124	87			
		92	95	89	79	68	70	92	74	36	1.48	-0.11	19	14.7	-13.4	-49	19.3	87	-7.9	-8.2	-3.6	7.2	8	12.6	2.54	0.19	1.23	34	22	98		
CIS 100022 71511430	HBC 21K MS2H	99	116	108	78	83	85	123	92	125	98	100	122	116	108	110	123	127	113	90	82	123	99	117	122	115	97	55	48			
		86	90	80	53	52	58	64	59	16	0.66	-0.08	26	12.3	1.7	34	21.5	122	6.4	4.9	3.0	23.9	1	20.1	2.25	0.16	0.27		17	39		
CIS 110001 75036665	CIS 080014 CIS 070004	103	106	92	110	77	93	104	94	102	103	99	90	106	92	102	100	105	109	74	85	105	104	102	96	114	97	7	6			
		67	66	58	37	38	43	42	43	34	0.21	-0.05	-9	8.1	-3.4	13	7.5	40	4.7	17.2	2.5	13.0	4	5.4	0.19	0.13	0.28		2	7		
CIS 120005 75036707	HBC 21K AC90914H	84	127	73	61	103	89	106	91	119	73	143	139	127	73	85	123	112	96	106	100	95	91	104	120	123	93	104	97	50		
		90	95	84	72	62	67	90	72	16	3.10	-1.65	43	17.1	-9.9	-31	21.3	65	-1.9	-7.2	-0.2	6.9	-4	7.5	2.10	0.45	0.15	32	21			
CIS 120008 75038331	AC901 MS3S	110	105	106	102	67	83	79	80		98	134	98	105	106	111	92	74	109	59	81	100	94	99				124	120			
		89	95	81	72	60	66	92	71		0.73	-1.31	-1	7.9	0.9	36	3.1	-74	4.8	28.6	3.2	10.0	-2	2.5				48	24	51		
CIS 120010 74848540	CIS 080009 CIS 080001	94	109	54	72	130	99	125	104	114	88	104	128	109	54	60	119	133	124	103	155	84	97	90	116	92	116	117	86			
		89	94	81	68	60	65	89	70	34	1.60	-0.25	32	9.6	-16.2	-94	18.9	145	12.0	-5.1	-10.1	-0.1	0	-6.8	1.80	-0.66	0.94	31	18	40		
CIS 130010 82065640	CIS 080009 SS 110007	97	104	73	112	96	102	99	101	92	106	87	88	104	73	82	106	98	99	97	97	104	93	89	94	70	106	20	14			
		75	76	62	44	40	48	50	48	28	-0.05	0.38	-11	7.2	-9.9	-39	11.3	13	-0.2	-0.3	0.4	12.2	-2	-8.0	0.08	-1.44	0.58	1	5	7		
CIS 170007 84950286	CIS 110001 CIS 090017	94	106	92	110	81	94	98	94	97	99	91	90	106	92	102	107	101	99	88	82	113	95	95	94	104	87	5	4			
		66	67	52	36	36	42	36	41	26	0.61	0.26	-8	8.3	-3.5	12	11.6	26	-0.5	6.7	3.1	17.5	-1	-1.6	0.06	-0.24	-0.07		1	1		
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 190216 89642698	CIS 100022 CIS 100010	106	112	82	82	114	105	109	106	114	104	104	118	112	82	87	112	116	99	122	105	111	87	107	120	112	104	26	20			
		78	83	64	46	46	52	66	55	19	0.17	-0.25	21	10.5	-6.8	-25	14.7	80	-0.1	-19.5	-1.0	16.4	-7	10.8	2.10	0.06	0.51	5	4	4		
CN 170014 85746063	VL 100001 IMO 120055	107	105	99	104	78	91	81	87	91	101	143	96	105	99	105	90	75	106	102	67	101	95	98	98	81	79	133	103			
		88	94	78	65	57	63	90	68	32	0.46	-1.66	-3	7.7	-1.2	21	2.0	-69	3.1	-4.4	5.8	10.6	-2	1.6	0.37	-1.07	-0.33	39	20	22		
EK 190001 88327432	206S EK 150008	89	90	118	119	131	129	116	129	110	103	78	81	90	118	126	101	124	124	132	122	106	115	112	106	96	87	67	60			
		78	91	60	44	40	52	85	59	60	0.22	0.71	-19	1.3	5.0	75	8.2	110	12.0	-26.4	-4.2	13.4	11	14.8	0.97	-0.51	-0.05	18	3	6		
GN 110278 75969535	RBS9704G RO 030011	106	82	98	131	52	68	76	66	68	108	98	69	82	98	96	84	73	74	58	61	91	82	75	73	57	84	38	34			
		83	87	77	65	58	61	66	62	38	-0.25	-0.01	-31	-1.8	-1.7	-1	-1.6	-79	-12.3	29.4	6.8	4.2	-10	-21.1	-1.54	-1.93	-0.17	1	8	26		
GN 110457 75710855	RBS9704G KL 070356	77	124	67	92	104	107	124	111	118	81	87	108	124	67	86	120	120	112	100	105	86	106	115	113	71	124	101	84			
		88	93	79	68	58	64	92	70	35	2.30	0.39	10	15.9	-11.7	-28	19.7	94	6.2	-2.3	-1.2	1.2	6	18.8	1.58	-1.42	1.20	36	13	36		

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
GN 180815 87231676	GN 140012 GN 120789	104	82	86	112	105	93	74	88	76	105	99	88	82	86	78	83	75	85	108	101	116	78	76	76	96	86	2	2	
		64	58	53	37	33	39	22	36	12	0.08	-0.04	-11	-1.8	-5.4	-48	-2.1	-70	-6.9	-8.7	-0.4	19.3	-12	-20.6	-1.34	-0.51	-0.10	2	5	
KL 040026 48804876	99-0305SC 96-0231SC	108	84	96	107	111	99	95	98	96	107	103	93	84	96	88	83	97	101	81	129	87	126	106	104	126	132	88	33	
		95	92	93	80	73	72	82	74	51	-0.15	-0.20	-6	-1.0	-2.1	-23	-2.5	9	0.7	11.5	-5.3	1.7	19	9.3	0.87	0.57	1.48	44	203	
SS 080071 68466507	CN5225 RD03J	99	73	76	138	79	79	52	71	65	108	87	62	73	76	65	58	58	71	85	80	86	46	71	56	101	79	240	179	
		95	97	92	84	75	74	94	78	76	-0.27	0.39	-38	-5.9	-9.0	-81	-17.2	-132	-13.8	8.7	3.4	1.2	-33	-25.1	-2.89	-0.34	-0.35	49	44	149
VL 100001 71201412	KL 060303 RO 060030	73	111	107	80	60	59	107	65	106	84	77	120	111	107	107	105	105	94	69	65	83	118	116	117	33	66	107	89	
		92	94	88	75	65	68	82	71	60	2.03	0.77	23	10.4	1.3	27	10.9	41	-2.8	21.1	6.1	-0.6	13	19.4	1.83	-2.79	-0.76	4	24	85
VL 170070 86489887	KD 110019 VL 130033	110	94	91	113	96	100	93	98	95	120	89	87	94	91	92	88	99	91	104	91	94	99	95	119	58	152	45	41	
		80	89	68	56	48	56	84	62	62	-1.34	0.32	-12	3.0	-3.9	-13	0.4	18	-4.3	-5.9	1.4	6.2	1	-1.6	2.02	-1.88	2.17	12	5	5

Growth Tests

Animal					Weight		Conformation			Growth & Efficiency			Carcass			
Test Code	Sex	Test number	Sire ID	Cow	Wean	End-	Length	Height	Scrotum	ADG	FCR	Growth	EMA	Fat	Marbling	Carcass
Test Station		ID	Dam ID	Value	dir	wt							Eye muscle			
202401 D11 M				0720503SEN												
CCR BEEF (PTY) LTD		AB 230001 95352605	AB 190123 AB 190152	91	122	125	114	105	142	133		127	124	103	107	127
				39	66	27 72	18 71	5 74	20.4 73	145 64	68	2.44 11	-0.27 10	0.63 9	10	
202402 D11 M				0720503SEN												
CCR BEEF (PTY) LTD		AB 230056 96771605	CIS 180003 AB 100026	104	114	123	124	128	121	125		123	126	114	116	121
				42	67	24 73	27 72	20 75	10.3 74	112 66	70	2.55 18	0.14 17	0.94 17	18	
		AB 230065 96035530	CIS 180003 AB 100055	105	135	138	138	128	111	137		135	132	116	115	136
				41	68	38 73	41 73	20 76	5.5 74	157 66	70	3.02 13	0.19 12	0.88 12	12	
202403 D11 M				0720503SEN												
CCR BEEF (PTY) LTD		AB 230163 96315155	CIS 190216 AB 180065	114	110	118	122	110	116	115		109	119	117	102	117
				41	66	20 70	25 70	9 73	8.1 71	77 62	66	2.02 10	0.23 9	0.45 9	10	
		AB 230164 96315163	AB 190123 AB 120042	97	98	97	89	89	98	106		98	98	107	91	100
				40	67	1 73	-7 72	-5 76	-0.8 74	45 65	70	0.35 21	-0.11 20	0.08 20	20	
		AB 230188 96457643	CIS 180003 AB 180088	112	138	138	134	131	144	146		140	137	110	120	134
				43	69	38 73	37 73	22 76	21.7 74	190 66	70	3.42 15	-0.02 13	1.06 13	14	
202501 D11 M				0720503SEN												
CCR BEEF (PTY) LTD		AB 240015 97415384	AB 200123 AB 120123	86	121	126	125	112	142	119		121	120	114	111	124
				41	69	27 71	29 70	10 73	20.8 72	92 62	67	2.12 10	0.14 9	0.74 9	10	
202502 D11 M				0720503SEN												
CCR BEEF (PTY) LTD		AB 240053 97965743	AB 180113 AB 190164	103	112	101	95	84	75	101		93	109	108	104	110
				41	68	4 72	-2 72	-9 75	-11.7 73	24 65	68	1.25 11	-0.08 10	0.53 10	10	
		AB 240055 97965750	AB 180113 AB 170059	85	113	110	110	105	95	108		106	112	108	106	111
				44	69	13 72	13 72	5 75	-2.4 73	53 65	68	1.49 14	-0.10 13	0.60 13	14	
		AB 240066 97965842	AB 210063 AB 220086	72	87	76	76	65	94	67		76	78	93	83	79
				36	61	-17 71	-21 71	-21 74	-2.7 72	-100 63	68	-1.17 14	-0.62 13	-0.18 13	14	
		AB 240067 97965784	AB 180113 AB 170010	108	132	128	121	105	114	127		124	133	110	123	135
				43	69	29 73	24 72	5 75	7.1 74	123 65	70	3.12 13	-0.03 12	1.18 12	12	
		AB 240095 98033285	CIS 180003 AB 190137	86	122	117	111	112	97	127		121	124	108	105	122
				42	69	19 73	14 73	10 76	-1.3 74	119 66	70	2.41 12	-0.10 11	0.55 11	12	

Growth Tests

Animal					Weight		Conformation			Growth & Efficiency			Carcass			
Test Code	Sex	Test number	Sire ID	Cow Value	Wean dir	End-wt	Length	Height	Scrotum	ADG	FCR	Growth Value	EMA Eye muscle Area	Fat	Marbling	Carcass Value
Test Station		ID	Dam ID													
202502 D11 M																
CCR BEEF (PTY) LTD		0720503SEN														
		AB 240143	AB 200153	108	122	120	121	106	87	118		109	119	113	106	120
		98350549	AB 130036	39	67	22	24	5	-6.2	87		70	2.00	0.10	0.59	20
						73	73	76	74	65			21	20	20	
		AB 240145	AB 200123	95	117	109	112	104	103	105		101	110	97	108	109
		98350556	AB 170077	40	69	12	15	4	1.5	39		70	1.34	-0.46	0.67	16
						73	72	76	74	65			16	15	14	
202601 D11 M																
CCR BEEF (PTY) LTD		0720503SEN														
		AB 250022	AB 220080	95	108	103	99	97	116	100		100	101	106	101	104
		6020242035	AB 220117	35	52	6	2	0	7.9	23		68	0.63	-0.15	0.41	14
						71	70	74	72	63			14	13	12	
		AB 250033	AB 220080	108	119	113	110	124	128	113		112	110	107	109	111
		6020239320	AB 220108	32	50	15	14	17	13.8	71		65	1.32	-0.12	0.68	10
						69	68	72	70	60			11	10	10	
		AB 250034	CIS 180003	86	109	110	109	99	91	116		104	111	121	108	112
		98979776	AB 100091	41	60	13	12	1	-4.0	81		70	1.41	0.40	0.67	20
						74	73	76	75	67			21	19	18	
		AB 250037	CIS 180003	81	103	104	100	97	108	111		120	105	90	101	105
		98979800	AB 130141	41	59	7	4	0	3.9	63		70	0.93	-0.74	0.43	16
						73	73	76	74	66			17	16	15	
		AB 250038	CIS 180003	79	101	100	103	109	103	102		98	105	101	94	101
		98979818	AB 130108	41	59	4	6	8	1.8	28		70	0.96	-0.34	0.20	18
						73	73	76	74	66			19	17	17	
		AB 250039	CIS 180003	72	96	96	103	101	99	95		104	94	92	95	94
		98979826	AB 150195	41	60	0	6	2	-0.2	4		70	0.08	-0.64	0.23	17
						73	73	76	74	66			18	16	16	
		AB 250044	AB 190123	83	110	102	102	110	106	106		98	100	114	92	101
		99049942	AB 220153	34	56	6	6	8	3.2	43		68	0.57	0.15	0.10	18
						71	71	74	72	63			18	17	16	
		AB 250046	AB 190123	100	116	121	115	121	131	130		117	121	107	98	119
		99049967	AB 220107	32	53	23	18	15	15.5	133		66	2.15	-0.12	0.32	10
						70	69	73	71	61			11	10	10	
		AB 250050	AB 210150	100	115	113	106	100	128	116		110	115	132	105	119
		99050007	CIS 190111	32	48	16	10	2	13.8	81		65	1.72	0.77	0.56	15
						69	69	72	71	60			16	14	14	
		AB 250055	AB 210150	102	127	127	127	111	117	125		124	125	105	111	130
		99050023	AB 210070	32	48	28	30	9	8.3	114		66	2.52	-0.19	0.75	16
						70	70	73	71	62			16	15	14	
		AB 250068	CIS 180003	102	118	104	103	104	46	115		116	110	101	113	113
		99550386	AB 170112	38	58	8	6	4	-26.0	76		70	1.31	-0.33	0.81	14
						73	72	75	74	66			14	13	13	

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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
CN 170014	85746063	3	VL 100001	IMO 120055		10788	10594	9978	10465	7857	9163	8190	8768	9132	1010.46	143-1.66	9665	1057.7	99-1.2	10521	902.0	75-69	1063.1	102-4.4	675.8	10110.6	95-2	982	980.37	81-1.07	79-0.33
AB 180113	87952115	2	CIS 120005	AB 130138		9084	13490	8071	5657	11256	10160	11384	10365	13112	742.98	135-1.38	14457	13419.8	80-7.4	93-9	12924.9	11990	98-0.5	112-11.4	109-1.8	11921.5	1119	12629	1312.92	1260.57	1130.83
CIS 180003	86736477	4	CIS 100022	CIS 100010		9284	12493	8469	7348	9750	9357	12688	10063	12319	901.45	99-0.03	12731	12415.6	84-6.3	94-7	12622.7	127120	1010.5	942.4	100-0.2	11217.3	12115	12730	1272.66	1130.10	1100.72
AB 190123	89759146	1	CIS 120005	AB 140101		9578	11489	7959	9146	8743	8952	10582	9158	10615	733.04	127-1.06	10912	11411.7	79-7.9	89-21	11717.4	11578	1010.8	904.8	882.0	11116.2	991	93-4	1081.13	106-0.14	930.16
CIS 190216	89642698	4	CIS 100022	CIS 100010		10678	11283	8264	8246	11446	10552	10966	10655	11419	1040.17	104-0.25	11821	11210.5	82-6.8	87-25	11214.7	11680	99-0.1	122-19.5	105-1.0	11116.4	87-7	10711	1202.10	1120.06	1040.51
AB 200123	91355016	2	AB 170021	AB 180017		7474	12491	10659	6740	8636	8149	11880	8755	12617	723.17	950.11	13337	12415.8	1061.3	11136	11717.6	11889	12411.8	895.8	872.2	12424.3	1119	12932	1222.27	1170.23	1180.98
AB 200153	91398578	13	AB 150150	AB 160021		8773	13487	8258	7946	11035	11649	11678	11855	12516	772.65	108-0.39	12124	13419.8	82-6.9	10110	13729.7	11992	85-7.1	102-4.0	114-2.6	12022.0	95-1	11620	1272.67	1150.18	1140.86
AB 210150	92955244	1	1115578	AB 160106		8469	12664	9747	6737	10132	9640	11970	10046	13324	881.61	890.31	13337	12616.7	97-2.0	10725	13025.6	126118	13014.6	99-1.4	103-0.6	11619.4	11512	12528	1252.52	1320.77	1100.72
AB 220080	93908028	1	CIS 120008	AB 160006		10874	12178	10458	10048	7440	10149	10975	10354	11914	980.68	115-0.62	1002	12114.4	1040.4	12058	11113.9	11162	12411.7	7317.7	823.0	10714.2	11512	11619	1181.92	1170.23	1110.75
AB 220087	94088564	1	AB 180113	EK 180059		9362	12667	9349	6238	10432	9641	11168	9846	12216	792.52	116-0.66	13843	12616.8	93-3.1	1019	12220.7	11057	1136.6	106-7.1	101-0.4	11217.2	11210	12024	1141.63	1290.69	1050.55
AB 220092	94088655	5	CN 170014	AB 130138		10766	11570	9956	8344	9039	9445	10872	9650	11318	960.93	116-0.67	11720	11511.9	99-1.3	10419	10913.3	10645	1073.5	100-2.5	852.5	11016.1	1002	11417	1141.62	95-0.57	1030.49
AB 230001	95352605	3	AB 190123	AB 190152		9757	12266	9944	9236	7232	9139	12768	9745	12710	832.09	116-0.69	10810	12214.9	99-1.2	11240	12623.0	133145	14220.4	7218.9	803.4	11116.5	1055	11418	1242.44	103-0.27	1070.63

Breeding Values and Accuracies: Bulls

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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
AB 230056	96771605	2	CIS 180003 AB 100026	87 64	114 67	103 54	89 38	103 36	104 42	123 70	109 48	121 18	90 1.45 73	92 0.23 53	111 14 38	114 11.7 67	103 0.1 54	109 32 53	116 17.4 58	125 112 66	121 10.3 74	94 2.4 47	109 -1.8 24	106 13.2 51	128 20 75	124 27 72	126 2.55 18	114 0.14 17	116 0.94 17		
AB 230065	96035530	1	CIS 180003 AB 100055	68 67	135 68	113 55	60 35	109 32	105 41	135 70	112 47	136 12	64 3.92 78	87 0.39 53	140 44 35	135 20.6 68	113 3.3 55	121 61 53	138 30.0 58	137 157 66	111 5.5 74	99 -2.0 44	113 -2.6 19	119 21.3 50	128 20 76	138 41 73	132 3.02 13	116 0.19 12	115 0.88 12		
AB 230163	96315155	1	CIS 190216 AB 180065	111 61	110 66	91 50	98 41	108 34	114 41	109 66	114 46	117 10	107 -0.11 71	109 -0.40 49	102 4 41	110 9.9 66	91 -4.0 50	99 5 52	108 12.2 56	115 77 62	116 8.1 71	110 -10.0 44	104 -0.9 23	108 14.7 46	110 9 73	122 25 70	119 2.02 10	117 0.23 9	102 0.45 9		
AB 230164	96315163	2	AB 190123 AB 120042	111 62	98 67	88 50	111 35	90 32	97 40	98 70	96 46	100 20	98 0.69 73	118 -0.75 48	89 -9 35	98 4.6 67	88 -5.0 50	91 -16 51	94 4.0 54	106 45 65	98 -0.8 74	95 1.3 42	89 1.7 23	108 14.8 49	89 -5 76	89 -7 72	98 0.35 21	107 -0.11 20	91 0.08 20		
AB 230188	96457643	5	CIS 180003 AB 180088	84 63	138 69	83 52	63 42	115 36	112 43	140 70	119 48	134 14	80 2.42 73	100 -0.09 50	137 41 42	138 21.7 69	83 -6.5 52	100 8 54	143 32.8 60	146 190 66	144 21.7 74	100 -2.5 48	121 -4.0 24	105 12.7 49	131 22 76	134 37 73	137 3.42 15	110 -0.02 13	120 1.06 13		
AB 240015	97415384	2	AB 200123 AB 120123	92 62	121 69	106 52	71 38	86 32	86 41	121 67	92 46	124 10	92 1.30 73	97 0.04 48	129 33 38	121 14.6 69	106 1.2 52	110 34 53	118 18.1 56	119 92 62	142 20.8 72	90 5.4 40	88 2.0 24	121 22.7 47	112 10 73	125 29 70	120 2.12 10	114 0.14 9	111 0.74 9		
AB 240025	98937535	3	AB 200153 AB 190085	94 51	115 56	84 43	94 34	122 28	120 35	115 49	121 38	116 12	89 1.52 59	104 -0.21 41	106 9 34	115 12.0 56	84 -6.1 43	95 -5 44	118 18.5 48	117 85 47	100 0.2 51	110 -10.1 36	124 -4.5 21	111 16.4 44	92 -3 52	105 9 50	116 1.79 13	106 -0.16 12	111 0.76 11		
AB 240026	98937543	3	AB 200153 CIS 190179	87 51	121 55	94 42	83 31	99 25	100 33	109 44	102 35	113 14	84 1.99 58	98 -0.01 41	117 20 31	121 14.5 55	94 -2.8 42	104 19 43	132 26.4 48	112 67 43	87 -6.2 46	96 0.2 32	100 -0.3 18	118 20.9 42	93 -3 47	107 10 46	116 1.78 14	101 -0.35 13	106 0.60 12		
AB 240053	97965743	1	AB 180113 AB 190164	106 62	112 68	76 50	78 36	115 34	103 41	93 68	100 46	110 10	94 1.07 72	116 -0.67 49	122 25 36	112 10.7 68	76 -8.8 50	82 -39 51	109 13.2 56	101 24 65	75 -11.7 73	118 -16.0 45	109 -1.8 23	112 17.0 48	84 -9 75	95 -2 72	109 1.25 11	108 -0.08 10	104 0.53 10		
AB 240055	97965750	2	AB 180113 AB 170059	95 63	113 69	89 52	87 41	83 38	85 44	106 68	88 49	111 14	85 1.94 72	110 -0.44 52	113 15 41	113 10.9 69	89 -4.4 52	96 -3 54	115 16.4 58	108 53 65	95 -2.4 73	82 10.7 49	89 1.9 28	119 21.5 50	105 5 75	110 13 72	112 1.49 14	108 -0.10 13	106 0.60 13		
AB 240066	97965842	4	AB 210063 AB 220086	132 56	87 61	82 42	104 33	73 28	72 36	76 68	69 42	79 14	128 -2.12 69	134 -1.32 40	96 -2 33	87 0.2 61	82 -6.7 42	76 -54 45	79 -4.4 50	67 -100 63	94 -2.7 72	84 9.4 35	72 4.9 21	101 10.3 43	65 -21 74	76 -21 71	78 -1.17 14	93 -0.62 13	83 -0.18 13		
AB 240067	97965784	2	AB 180113 AB 170010	93 63	132 69	93 52	61 40	114 38	108 43	124 70	112 48	135 12	83 2.13 72	110 -0.46 51	139 44 40	132 19.0 69	93 -3.0 52	103 17 54	133 27.3 58	127 123 65	114 7.1 74	104 -5.7 48	118 -3.4 28	115 18.6 50	105 5 75	121 24 72	133 3.12 13	110 -0.03 12	123 1.18 12		

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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
Animal no	%	Sire ID Dam ID																											
AB 240095 98033285	5	CIS 180003 AB 190137	94 62	122 69	83 51	73 39	89 34	86 42	121 70	92 48	122 12	86 1.85 73	107 -0.35 48	127 31 39	122 15.1 69	83 -6.5 51	93 -11 53	128 24.0 58	127 119 66	97 -1.3 74	86 7.9 47	94 0.8 21	112 17.3 48	112 10 76	111 14 73	124 2.41 12	108 -0.10 11	105 0.55 11	
AB 240143 98350549	1	AB 200153 AB 130036	85 60	122 67	97 51	89 38	100 26	108 39	109 70	108 45	120 20	82 2.17 71	97 0.01 46	111 13 38	122 15.1 67	97 -1.8 51	110 34 52	123 21.5 53	118 87 65	87 -6.2 74	92 3.2 33	105 -1.1 20	115 19.0 47	106 5 76	121 24 73	119 2.00 21	113 0.10 20	106 0.59 20	
AB 240145 98350556	3	AB 200123 AB 170077	85 60	117 69	105 49	91 34	86 31	95 40	101 70	95 46	109 16	86 1.84 73	93 0.16 44	109 11 34	117 12.8 69	105 0.7 49	114 44 51	112 14.6 56	105 39 65	103 1.5 74	81 11.8 38	93 1.0 24	119 21.5 46	104 4 76	112 15 72	110 1.34 16	97 -0.46 15	108 0.67 14	
AB 250006 98350663	2	AB 180113 AB 100026	93 65	117 58	102 54	81 41	110 38	108 41	106 52	108 43	116 16	81 2.35 73	112 -0.53 54	119 22 41	117 12.9 58	102 -0.3 54	108 27 51	114 15.9 52	110 57 50	110 4.9 54	103 -4.9 47	113 -2.5 28	108 14.4 50	118 13 55	119 22 53	120 2.11 17	121 0.39 15	113 0.83 15	
AB 250022 6020242035	3	AB 220080 AB 220117	114 58	108 52	100 41	105 33	77 30	95 35	100 68	95 42	104 14	104 0.12 71	116 -0.66 41	95 -3 33	108 9.2 52	100 -1.0 41	108 29 42	101 8.4 51	100 23 63	116 7.9 72	86 8.4 39	77 3.9 21	107 14.2 41	97 0 74	99 2 70	101 0.63 14	106 -0.15 13	101 0.41 12	
AB 250026 98934219	2	AB 220030 AB 220159	112 56	96 49	93 39	99 33	91 29	89 33	98 44	90 35	102 12	102 0.31 69	116 -0.65 40	101 3 33	96 4.1 49	93 -3.3 39	91 -15 40	95 4.5 44	99 20 42	98 -0.8 46	99 -1.7 39	88 2.0 19	113 17.5 38	92 -4 47	98 2 45	103 0.74 13	92 -0.66 12	94 0.18 12	
AB 250033 6020239320	2	AB 220080 AB 220108	97 56	119 50	93 37	102 28	90 27	108 32	112 65	109 39	111 10	94 1.08 70	102 -0.15 38	98 0 28	119 13.6 50	93 -3.3 37	109 30 38	114 15.8 49	113 71 60	128 13.8 70	91 4.2 35	92 1.2 19	107 14.1 38	124 17 72	110 14 68	110 1.32 11	107 -0.12 10	109 0.68 10	
AB 250034 98979776	5	CIS 180003 AB 100091	93 64	109 60	88 54	89 39	88 37	86 41	104 70	88 47	112 20	98 0.67 73	90 0.27 53	111 13 39	109 9.5 60	88 -4.7 54	93 -9 51	114 15.8 58	116 81 67	91 -4.0 75	91 4.5 49	89 1.7 25	112 17.3 50	99 1 76	109 12 73	111 1.41 21	121 0.40 19	108 0.67 18	
AB 250037 98979800	1	CIS 180003 AB 130141	94 64	103 59	86 54	91 42	87 36	81 41	120 70	87 47	105 16	100 0.55 73	90 0.27 53	109 11 42	103 7.0 59	86 -5.7 54	87 -25 52	107 11.9 58	111 63 66	108 3.9 74	84 9.6 47	92 1.2 24	107 13.8 49	97 0 76	100 4 73	105 0.93 17	90 -0.74 16	101 0.43 15	
AB 250038 98979818	1	CIS 180003 AB 130108	100 64	101 59	81 54	80 40	98 36	79 41	98 70	81 47	101 18	102 0.33 73	96 0.05 53	120 23 40	101 6.1 59	81 -7.3 54	79 -47 51	102 8.7 58	102 28 66	103 1.8 74	103 -4.8 48	94 0.8 24	104 12.1 49	109 8 76	103 6 73	105 0.96 19	101 -0.34 17	94 0.20 17	
AB 250039 98979826	1	CIS 180003 AB 150195	108 63	96 60	84 52	101 40	71 36	72 41	104 70	76 47	94 17	110 -0.42 73	99 -0.06 51	99 0 40	96 3.8 60	84 -6.2 52	83 -35 51	95 5.0 60	95 4 66	99 -0.2 74	86 8.0 48	69 5.4 25	111 16.4 48	101 2 76	103 6 73	94 0.08 18	92 -0.64 16	95 0.23 16	
AB 250042 99049926	2	AB 190123 AB 120011	85 62	119 58	98 50	97 36	86 34	100 39	102 52	100 42	107 18	71 3.26 72	114 -0.58 48	103 5 36	119 13.8 58	98 -1.7 50	111 37 48	120 19.6 52	109 56 49	100 0.4 53	96 0.1 43	82 3.0 24	105 13.0 48	106 6 54	102 6 53	110 1.32 18	103 -0.26 17	98 0.33 16	

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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
AB 250044	99049942	2	AB 190123	AB 220153	80	110	93	93	82	83	98	84	101	69	105	107	110	93	99	110	106	106	83	86	109	110	102	100	114	92	
					57	56	38	28	29	34	68	41	18	3.40	-0.27	9	9.8	-3.2	5	13.4	43	3.2	10.0	2.3	15.0	8	6	0.57	0.15	0.10	
														71	40	28	56	38	41	56	63	72	41	17	42	74	71	18	17	16	
AB 250046	99049967	3	AB 190123	AB 220107	97	116	91	97	88	100	117	103	119	88	110	103	116	91	103	123	130	131	93	87	111	121	115	121	107	98	
					57	53	36	26	27	32	66	39	10	1.62	-0.45	6	12.6	-3.8	16	21.4	133	15.5	2.5	2.1	16.3	15	18	2.15	-0.12	0.32	
														71	38	26	53	36	38	51	61	71	38	16	41	73	69	11	10	10	
AB 250050	99050007	3	AB 210150	CIS 190111	108	115	85	91	94	100	110	102	119	109	101	109	115	85	95	115	116	128	96	94	116	100	106	115	132	105	
					58	48	41	32	25	32	65	39	15	-0.29	-0.12	12	12.0	-5.7	-4	16.7	81	13.8	0.3	0.9	19.4	2	10	1.72	0.77	0.56	
														71	42	32	48	41	40	50	60	71	31	19	39	72	69	16	14	14	
AB 250055	99050023	3	AB 210150	AB 210070	92	127	107	79	92	102	124	107	130	88	101	121	127	107	118	128	125	117	95	92	113	111	127	125	105	111	
					57	48	39	31	28	32	66	39	16	1.60	-0.11	25	17.2	1.5	54	24.2	114	8.3	1.5	1.3	17.8	9	30	2.52	-0.19	0.75	
														70	40	31	48	39	39	50	62	71	36	20	38	73	70	16	15	14	
AB 250059	99165466	3	AB 190123	AB 210092	103	115	80	108	73	94	104	95	102	85	129	92	115	80	96	112	107	99	84	72	110	104	99	104	90	91	
					60	57	43	35	31	37	50	40	12	1.91	-1.13	-6	12.2	-7.5	-2	14.9	47	-0.3	9.4	4.8	15.5	4	2	0.88	-0.73	0.09	
														72	44	35	57	43	45	51	48	52	42	20	44	52	51	13	11	11	
AB 250060	99165474	2	CIS 180003	AB 190085	89	115	86	91	115	112	120	115	116	86	99	109	115	86	96	117	121	108	106	117	107	105	111	116	105	109	
					61	58	47	35	34	38	52	41	14	1.82	-0.05	12	12.0	-5.5	-3	17.8	99	4.0	-6.9	-3.2	14.0	5	14	1.78	-0.20	0.69	
														72	47	35	58	47	47	54	51	54	46	21	47	55	54	14	13	13	
AB 250068	99550386	3	CIS 180003	AB 170112	88	118	88	84	103	102	116	105	113	90	93	116	118	88	97	119	115	46	101	103	101	104	103	110	101	113	
					62	58	46	36	33	38	70	44	14	1.43	0.17	19	13.4	-5.0	1	18.9	76	-26.0	-3.6	-0.8	10.6	4	6	1.31	-0.33	0.81	
														72	49	36	58	46	47	58	66	74	45	21	48	75	72	14	13	13	
AB 250078	99550410	4	AB 220080	AB 230033	115	119	91	92	94	107	114	109	117	108	113	108	119	91	103	111	115	112	93	96	112	115	116	119	110	111	
					56	65	41	32	28	37	44	38	10	-0.25	-0.57	10	13.6	-3.8	17	14.0	77	6.3	3.0	0.5	17.1	11	20	2.01	-0.02	0.77	
														70	38	32	65	41	46	44	43	46	37	18	40	47	46	10	10	9	
AB 250079	99550428	2	AB 220080	AB 230022	107	117	110	95	79	99	108	100	115	94	118	105	117	110	120	108	107	118	85	81	108	114	116	114	108	103	
					57	51	41	31	26	33	46	36	12	1.05	-0.73	7	12.9	2.4	60	12.1	48	8.8	8.7	3.3	14.3	11	19	1.62	-0.10	0.47	
														70	41	31	51	41	41	40	44	48	33	19	40	48	47	12	11	10	
AB 250082	99550451	8	AB 200123	AB 150077	107	100	105	94	73	75	107	79	109	109	98	106	100	105	103	96	105	121	87	69	120	99	112	106	104	104	
					60	69	50	37	32	41	50	43	16	-0.34	-0.01	9	5.5	0.7	14	5.4	39	10.5	7.1	5.3	21.6	1	15	0.98	-0.24	0.52	
														72	45	37	69	50	52	50	48	53	39	25	47	53	52	16	15	14	
AB 250084	99550477	4	AB 200123	AB 200002	91	119	95	71	96	90	118	95	120	85	104	129	119	95	101	115	116	112	94	99	120	105	114	115	114	112	
					58	68	46	36	29	39	48	41	12	1.95	-0.23	32	13.9	-2.4	9	16.6	81	6.1	2.0	0.0	21.7	5	18	1.73	0.14	0.78	
														72	41	36	68	46	50	48	46	50	37	21	44	51	50	13	11	11	
AB 250088	99550519	7	AB 200123	AB 190137	87	122	94	69	84	80	113	84	119	77	109	131	122	94	100	119	116	114	84	88	116	107	115	118	111	107	
					59	69	48	36	29	39	50	41	11	2.69	-0.41	35	14.8	-2.9	8	18.9	80	7.2	9.9	1.9	19.7	7	19	1.93	0.04	0.62	
														72	42	36	69	48	51	50	48	52	37	21	45	53	51	12	10	10	

Breeding Values and Accuracies: Bulls

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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
AB 250089	99550527	2	AB 190123 AB 190021	105	107	98	88	101	98	98	98	104	86	127	112	107	98	99	103	101	99	100	102	116	99	98	103	114	94		
				61	68	49	40	33	41	50	43	8	1.85	-1.09	14	8.6	-1.7	6	9.4	26	-0.2	-2.3	-0.5	19.6	1	1	0.74	0.14	0.18		
													72	47	40	68	49	52	52	47	51	43	23	47	52	50	9	8	8		
AB 250090	99550535	8	AB 200123 AB 160008	87	110	110	88	74	79	116	84	118	88	94	112	110	110	113	110	118	122	85	73	118	106	121	117	100	110		
				61	69	51	38	32	41	52	43	16	1.63	0.12	15	10.0	2.5	40	13.3	88	10.7	8.8	4.7	20.5	6	24	1.83	-0.39	0.71		
													73	46	38	69	51	53	51	49	54	39	26	47	54	53	17	16	15		
AB 250094	99550568	3	AB 190123 CIS 160027	100	126	82	87	92	103	118	106	118	84	119	113	126	82	98	119	123	119	82	101	108	111	109	116	118	104		
				61	67	48	29	31	38	47	40	16	1.99	-0.79	16	16.4	-7.0	2	19.0	107	9.3	11.4	-0.4	14.3	9	13	1.80	0.26	0.51		
													72	47	29	67	48	48	49	45	47	40	22	47	50	48	17	15	15		
AB 250095	99550576	27	AB 200123 AB 180017	70	117	117	73	77	74	118	81	124	78	81	127	117	117	117	112	119	129	86	77	117	120	131	123	115	118		
				60	69	50	34	31	40	52	42	18	2.63	0.63	30	13.0	4.7	52	14.7	91	14.3	7.8	4.0	20.3	15	34	2.33	0.19	0.99		
													73	44	34	69	50	51	50	50	54	36	26	47	55	53	19	17	17		
AB 250097	99708000	4	AB 200123 AB 160176	97	111	104	88	84	87	109	90	108	90	107	112	111	104	107	109	111	116	88	86	117	114	118	110	100	107		
				60	69	50	37	31	40	50	42	16	1.44	-0.35	15	10.1	0.3	26	13.0	64	7.8	6.6	2.4	20.2	11	21	1.34	-0.38	0.63		
													72	45	37	69	50	52	50	48	51	38	24	46	53	52	17	16	15		
AB 250104	99708067	2	AB 200153 AB 190022	103	130	98	78	115	122	114	122	124	87	120	122	130	98	111	125	115	108	102	119	120	107	120	124	126	114		
				60	68	49	42	30	41	48	42	10	1.73	-0.80	26	18.2	-1.5	37	22.5	76	3.9	-4.4	-3.6	21.6	7	24	2.38	0.58	0.85		
													72	45	42	68	49	53	50	46	50	38	23	45	51	49	10	9	9		
AB 250115	99708133	1	AB 200123 AB 190164	85	106	92	86	102	91	99	91	104	85	95	114	106	92	93	103	99	99	107	97	113	91	101	101	101	105		
				59	68	46	30	26	37	48	39	12	1.96	0.11	16	8.2	-3.6	-10	9.7	19	-0.3	-8.2	0.3	17.4	-4	4	0.62	-0.33	0.56		
													72	42	30	68	46	48	48	47	51	35	18	44	52	50	13	12	11		
AB 250116	99708141	2	AB 200153 AB 170051	92	125	89	93	108	119	112	119	117	83	109	107	125	89	106	122	111	95	104	108	118	99	115	115	108	107		
				61	69	50	42	32	42	50	44	16	2.14	-0.41	10	16.3	-4.7	23	20.7	64	-2.1	-5.7	-1.7	20.6	1	19	1.74	-0.10	0.62		
													72	46	42	69	50	54	50	48	52	39	24	47	52	51	16	15	14		
AB 250120	99708166	4	AB 220080 AB 230041	93	144	110	70	84	106	142	114	145	79	137	130	144	110	128	145	148	147	61	104	111	152	147	148	127	139		
				57	65	43	35	30	38	46	40	12	2.51	-1.44	34	24.3	2.5	79	34.4	198	23.3	26.8	-0.9	16.5	35	50	4.24	0.62	1.73		
													71	40	35	65	43	48	44	45	49	39	21	42	49	48	12	11	11		
AB 250123	99708182	3	AB 200123 AB 190003	91	106	101	93	89	89	109	92	108	91	97	107	106	101	103	102	110	110	92	90	120	104	107	107	101	107		
				59	68	48	39	30	40	48	42	12	1.41	0.04	9	8.2	-0.7	16	9.2	59	4.9	3.1	1.7	21.8	4	11	1.08	-0.33	0.61		
													72	42	39	68	48	52	49	46	50	38	23	44	51	49	13	12	11		
AB 250124	99708190	2	AB 190123 AB 160160	74	108	82	95	88	84	95	84	98	71	96	105	108	82	89	109	100	87	88	91	107	94	93	96	109	97		
				62	69	50	39	34	42	52	44	22	3.26	0.07	8	9.2	-6.7	-20	12.7	23	-6.2	6.7	1.5	13.8	-2	-4	0.26	-0.06	0.27		
													72	48	39	69	50	53	52	50	54	43	25	49	54	53	22	21	20		
AB 250126	99708216	3	AB 190123 AB 110201	99	102	95	93	106	99	105	100	107	92	107	107	102	95	95	104	113	102	94	113	106	119	107	112	112	106		
				63	69	52	38	35	42	51	44	15	1.26	-0.34	9	6.6	-2.7	-5	9.9	68	1.1	2.3	-2.4	13.4	14	11	1.47	0.07	0.58		
													73	50	38	69	52	53	52	49	53	44	26	50	54	53	16	14	14		

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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
AB 250132	99708265	17		CIS 180003	AB 230117	106	104	80	82	111	95	105	96	105	105	102	118	104	80	81	106	107	88	120	102	113	94	102	109	109	101
						60	68	46	32	32	39	50	41	12	0.06	-0.16	21	7.3	-7.4	-41	11.2	48	-5.6	-17.3	-0.5	17.7	-2	5	1.24	-0.05	0.41
															72	44	32	68	46	49	53	48	51	46	18	44	52	51	12	11	11
AB 250140	99812760	3		AB 190123	AB 200056	98	95	89	106	81	81	85	79	91	90	110	94	95	89	88	98	89	94	82	85	111	85	85	90	110	90
						60	68	47	38	33	41	48	42	12	1.50	-0.45	-5	3.4	-4.5	-22	6.4	-17	-2.6	10.7	2.5	16.2	-8	-11	-0.22	-0.03	0.05
															72	44	38	68	47	51	51	47	50	43	23	46	51	50	13	12	12
AB 250143	99812786	2		AB 200153	AB 210096	97	102	81	99	103	98	89	95	93	92	104	101	102	81	85	104	91	76	96	108	117	80	89	96	95	96
						57	67	45	38	28	39	42	40	12	1.24	-0.22	3	6.4	-7.0	-31	10.3	-12	-11.6	0.7	-1.6	20.1	-11	-8	0.21	-0.56	0.26
															71	40	38	67	45	50	44	40	44	34	21	42	44	43	13	12	12
AB 250144	99812794	3		AB 200153	AB 220007	90	134	98	81	113	124	127	127	131	80	109	119	134	98	115	136	131	113	102	117	117	111	126	131	110	111
						57	67	43	34	24	37	48	39	18	2.41	-0.40	22	19.8	-1.7	47	29.0	134	6.6	-4.4	-3.3	20.3	9	29	2.92	-0.01	0.75
															71	38	34	67	43	48	46	46	51	30	19	41	51	50	18	17	16
AB 250149	99812836			AB 180113	AB 130144	105	98	94	82	112	93	94	92	103	96	113	118	98	94	88	99	97	100	118	104	110	94	98	101	116	95
						62	66	52	29	28	38	50	40	6	0.91	-0.56	21	4.7	-2.8	-22	7.3	12	0.3	-16.2	-0.9	16.0	-2	1	0.65	0.19	0.23
															71	50	29	66	52	49	46	48	51	38	19	46	54	52	7	6	6
AB 250150	99812844	2		AB 200153	AB 170116	94	109	105	104	97	107	102	107	105	87	106	96	109	105	114	114	105	89	99	96	115	108	111	106	107	106
						60	68	49	35	31	40	52	42	16	1.70	-0.30	-2	9.5	0.8	43	15.9	39	-5.2	-1.8	0.5	19.1	7	14	1.02	-0.13	0.57
															72	45	35	68	49	51	48	49	54	37	25	46	55	53	17	15	15
AB 250152	99812869	11		AB 200123	AB 220040	100	121	105	67	90	87	117	92	127	89	114	133	121	105	107	115	119	120	100	86	120	114	129	124	116	114
						58	57	42	31	29	35	48	38	12	1.58	-0.60	37	14.5	0.7	27	16.7	92	9.8	-2.2	2.4	21.9	11	32	2.42	0.20	0.86
															72	39	31	57	42	43	50	45	49	37	21	41	50	48	12	11	10
AB 250160	99935819	2		AB 200153	AB 180194	96	107	74	96	120	112	97	110	97	87	110	104	107	74	81	114	99	84	113	120	112	79	85	100	99	99
						59	68	48	33	30	39	48	41	14	1.74	-0.46	6	8.6	-9.6	-42	15.7	19	-7.8	-12.2	-3.8	17.1	-12	-12	0.55	-0.41	0.34
															72	43	33	68	48	50	48	47	51	37	23	46	51	50	15	14	13
AB 250164	99935843	2		AB 200123	AB 200095	95	94	100	112	88	92	98	92	98	96	96	88	94	100	101	94	97	104	100	83	122	97	101	96	105	99
						58	68	46	34	28	38	46	40	10	0.86	0.08	-11	3.2	-0.8	11	3.9	11	2.0	-2.5	3.0	23.3	0	4	0.19	-0.20	0.37
															72	40	34	68	46	49	48	44	47	35	21	42	50	49	11	10	10
AB 250166	99935868	9		AB 200123	AB 170066	71	110	111	98	84	90	106	92	108	75	86	102	110	111	117	103	104	116	91	83	113	108	115	106	106	106
						60	69	50	35	32	40	48	42	17	2.91	0.44	4	9.7	2.7	51	9.6	36	7.9	4.4	2.9	17.5	7	18	0.99	-0.15	0.58
															72	45	35	69	50	51	52	47	50	39	25	48	51	50	18	16	16
AB 250167	99935876	1		AB 200153	AB 170067	101	97	86	127	95	109	89	106	92	99	103	73	97	86	95	98	89	80	108	88	113	81	92	93	100	94
						61	68	50	39	30	40	52	42	16	0.63	-0.20	-26	4.4	-5.4	-5	6.3	-19	-9.7	-8.3	2.1	17.8	-10	-5	0.02	-0.36	0.17
															72	46	39	68	50	52	49	49	54	38	23	46	55	53	16	15	14
AB 260001	99935900	4		CIS 180003	AB 230099	83	121	79	88	97	99	112	102	110	80	98	112	121	79	93	121	115	98	98	98	109	107	108	112	107	101
						60	57	42	28	30	35	49	38	12	2.39	-0.02	15	14.4	-7.7	-10	19.9	77	-0.9	-0.9	0.2	15.1	7	11	1.50	-0.12	0.43
															72	44	28	57	42	42	53	48	50	45	16	43	51	50	13	12	11

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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
AB 260002	99935918	29	CIS 180003	AB 230122		98	117	79	73	99	89	118	94	116	95	102	127	117	79	86	118	119	97	100	98	111	113	116	119	111	104
						60	57	43	32	32	36	51	39	12	1.03	-0.17	30	12.7	-7.8	-28	18.1	91	-1.3	-2.7	0.1	16.1	11	20	2.03	0.02	0.53
															72	44	32	57	43	44	54	49	52	47	18	43	53	52	12	11	10
AB 260003	99935926	4	AB 190123	AB 170077		93	112	92	102	87	99	96	97	98	83	110	98	112	92	103	111	102	98	82	94	110	104	97	102	93	96
						62	58	48	36	34	38	52	41	14	2.08	-0.45	-1	10.8	-3.6	15	14.3	28	-0.7	11.3	0.9	15.9	5	1	0.66	-0.64	0.23
															73	47	36	58	48	47	52	50	54	43	24	47	55	54	15	14	14
AB 260007	99935959	27	CIS 180003	AB 230083		93	120	85	91	92	100	115	103	113	89	102	109	120	85	98	119	113	100	95	92	112	112	118	116	107	105
						60	58	44	31	33	37	51	40	14	1.60	-0.17	12	14.2	-5.8	4	18.7	69	0.1	1.6	1.3	17.2	10	21	1.76	-0.12	0.56
															72	45	31	58	44	44	54	50	52	47	19	44	53	52	14	13	12
AB 260009	99935975	14	AB 190123	AB 190168		94	116	98	85	104	104	107	105	110	77	118	115	116	98	105	119	113	105	104	103	109	102	105	108	115	97
						61	58	47	38	32	38	50	40	12	2.67	-0.76	18	12.5	-1.4	21	18.8	71	2.4	-5.4	-0.7	15.0	3	8	1.19	0.17	0.28
															72	46	38	58	47	48	50	48	51	43	22	46	52	51	13	12	12
AB 260013	6020170236	2	AB 230065	AB 230149		83	118	104	82	95	95	122	100	120	81	97	118	118	104	110	122	126	108	91	99	115	118	122	118	108	107
						54	48	37	25	26	30	44	33	10	2.31	0.04	21	13.2	0.5	35	20.4	118	4.0	4.3	0.1	18.9	14	25	1.95	-0.10	0.62
															68	37	25	48	37	37	46	41	46	36	16	36	47	45	11	10	10
AB 260014	6020170244	3	AB 220080	AB 230090		102	120	96	92	83	98	114	101	118	97	106	108	120	96	108	116	115	110	80	89	112	112	116	118	112	110
						55	51	38	30	29	33	46	36	9	0.83	-0.31	11	14.2	-2.3	29	17.1	78	5.3	12.7	1.7	16.7	9	19	1.91	0.06	0.72
															69	38	30	51	38	40	44	43	47	39	19	38	48	46	9	9	8
AB 260015	6020170251	9	AB 230065	AB 230087		73	127	106	77	94	97	122	102	121	72	93	123	127	106	116	129	122	105	93	97	114	108	119	119	108	109
						55	47	37	25	26	30	41	32	10	3.18	0.17	27	16.9	1.2	48	24.9	103	2.5	3.0	0.4	17.9	7	22	2.01	-0.09	0.69
															68	38	25	47	37	36	42	39	44	36	16	35	45	43	11	10	10
AB 260016	6020170269	4	AB 220080	AB 230140		94	120	96	86	89	96	110	98	115	87	106	114	120	96	106	115	111	109	86	94	107	108	113	114	115	105
						55	51	38	31	29	33	46	36	10	1.73	-0.29	17	14.2	-2.2	24	16.3	63	4.7	8.1	0.9	14.3	7	16	1.65	0.15	0.56
															69	38	31	51	38	40	44	44	47	39	19	39	48	47	10	9	9
AB 260018	6020170277	9	AB 230065	AB 230116		96	115	96	72	104	94	118	98	120	90	106	128	115	96	98	116	120	105	103	104	115	107	118	119	111	106
						54	48	37	26	25	30	41	32	10	1.48	-0.31	32	12.0	-2.2	4	17.0	94	2.6	-4.5	-0.9	18.6	6	21	2.05	0.03	0.59
															67	38	26	48	37	37	42	39	44	36	14	35	44	43	10	9	9
AB 260020	6020170285	2	AB 230065	AB 230179		76	125	117	72	104	103	127	108	126	66	98	128	125	117	122	130	132	119	95	109	115	129	128	125	111	109
						55	48	38	23	26	30	44	33	8	3.71	-0.02	32	16.2	4.9	64	25.6	139	9.2	1.1	-1.7	18.7	21	31	2.51	0.01	0.68
															68	38	23	48	38	36	42	41	46	36	15	36	47	45	9	8	8
AB 260021	6020170293	3	AB 220080	AB 230125		113	109	91	99	94	103	106	103	111	109	108	101	109	91	98	103	108	107	94	95	107	103	105	112	114	107
						56	50	39	30	26	32	44	34	10	-0.35	-0.37	2	9.3	-4.0	3	9.5	51	3.6	1.9	0.7	14.2	4	8	1.48	0.14	0.62
															69	39	30	50	39	40	42	42	46	33	19	38	47	45	10	9	9
AB 260022	6020170301	18	AB 230065	AB 230161		86	124	96	77	100	101	124	105	125	84	97	123	124	96	106	124	126	106	95	103	117	117	124	123	118	110
						55	48	37	26	25	30	43	33	10	2.02	0.01	26	15.9	-2.2	24	22.1	118	3.1	1.2	-0.7	20.0	13	27	2.34	0.29	0.71
															68	38	26	48	37	37	44	41	45	36	14	35	46	44	10	9	9

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	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
AB 260026	6020619430	14		AB 230065	AB 230085	84 56	118 48	97 39	76 26	94 26	89 31	119 44	94 34	120 8	86 1.80 69	91 0.24 39	124 28 26	118 13.4 48	97 -1.9 39	103 15 38	122 20.4 43	120 96 41	100 0.0 46	93 2.6 37	96 0.6 15	114 18.5 36	110 8 47	117 20 45	119 1.99 9	111 0.02 8	105 0.55 8
AB 260030	6020619463	2		CN 170014	AB 180040	111 64	105 60	87 54	91 45	84 38	84 42	91 56	83 45	97 17	95 1.02 73	129 -1.14 53	109 12 45	105 7.7 60	87 -5.3 54	89 -20 53	95 4.9 54	86 -30 54	95 -2.4 57	106 -7.0 49	73 4.7 26	105 12.5 51	94 -2 58	99 2 57	98 0.40 18	98 -0.45 16	85 -0.14 16
AB 260036	6020619521	2		CN 170014	AB 180152	78 63	111 58	90 49	98 40	80 36	86 40	90 53	85 43	92 20	73 3.09 72	99 -0.06 51	102 4 40	111 10.4 58	90 -4.0 49	99 6 49	103 9.7 54	84 -36 51	98 -1.0 54	101 -3.3 47	71 5.0 25	98 8.4 50	91 -4 55	95 -2 54	92 -0.08 20	78 -1.15 19	92 0.11 18
AB 260037	6020619539	2		CN 170014	AB 160040	113 65	97 60	95 55	97 43	94 38	91 42	85 54	89 44	94 25	106 -0.06 73	112 -0.53 55	103 5 43	97 4.5 60	95 -2.5 55	93 -9 53	87 -0.1 56	85 -34 53	98 -0.6 56	99 -1.9 49	92 1.3 27	100 9.7 52	92 -3 56	101 4 55	93 -0.01 26	94 -0.58 24	86 -0.08 24
AB 260046	6020619596	3		AB 220080	AB 230054	93 56	120 49	87 38	93 29	89 28	100 32	109 46	101 35	113 8	86 1.88 70	106 -0.31 39	107 9 29	120 14.2 49	87 -5.3 38	101 10 39	114 15.7 41	109 55 44	105 2.7 48	92 3.8 37	90 1.7 19	110 15.7 38	108 7 48	111 14 47	113 1.52 9	113 0.10 8	104 0.51 8
AB 260047	6020619604	2		CN 170014	AB 190077	123 64	97 60	70 54	114 47	102 38	108 43	85 54	103 45	89 20	108 -0.23 73	125 -1.01 53	86 -13 47	97 4.6 60	70 -10.7 54	75 -57 54	91 2.1 54	84 -36 53	94 -2.7 56	108 -8.4 48	98 0.2 28	103 11.4 51	89 -5 56	87 -9 56	95 0.13 21	83 -0.99 19	89 0.00 19
AB 260051	6020666928	3		AB 180113	AB 220109	91 59	124 54	90 41	76 32	96 32	96 36	108 44	98 38	116 10	80 2.39 71	111 -0.48 43	124 27 32	124 15.8 54	90 -4.0 41	101 10 42	127 23.7 50	112 67 43	97 -1.1 46	97 -0.2 44	96 0.5 21	119 21.5 43	103 4 46	112 16 45	116 1.79 11	111 0.02 10	103 0.50 10
AB 260052	6020666902	4		AB 180113	AB 220129	99 60	116 56	82 42	67 33	122 35	103 37	117 48	106 39	121 10	88 1.61 71	113 -0.55 45	133 37 33	116 12.3 56	82 -6.9 42	86 -28 44	120 19.5 52	122 105 46	102 1.4 50	106 -7.2 46	127 -5.1 24	115 18.5 44	106 6 50	109 12 49	120 2.11 10	112 0.05 9	111 0.78 9
AB 260053	6020619646	2		AB 210150	AB 130046	96 60	113 48	86 46	94 33	106 28	108 34	105 46	108 36	108 16	96 0.85 71	98 0.01 46	106 8 33	113 11.2 48	86 -5.6 46	95 -4 42	109 13.2 42	106 44 44	101 0.9 50	104 -5.8 34	106 -1.3 21	107 14.0 41	102 3 51	98 1 49	105 0.93 17	121 0.38 15	104 0.52 15
AB 260054	6020619653	1		AB 210150	AB 130141	82 61	113 48	92 47	89 39	89 30	89 35	111 48	92 38	113 18	88 1.64 72	86 0.44 46	111 14 39	113 11.3 48	92 -3.4 47	99 6 45	116 17.2 40	114 74 45	114 6.8 51	87 7.7 36	93 1.0 23	109 14.9 43	103 4 52	103 7 50	110 1.28 19	103 -0.25 17	101 0.44 17
AB 260056	6020619661	3		AB 210150	CIS 190111	112 58	111 48	85 41	91 32	94 25	97 32	111 42	100 34	119 15	113 -0.73 71	101 -0.13 42	109 12 32	111 10.3 48	85 -5.7 41	92 -12 40	111 14.0 44	116 82 40	116 8.2 45	96 0.3 31	94 0.9 19	116 19.4 39	104 4 46	110 13 44	114 1.63 16	131 0.74 14	105 0.56 14
AB 260057	6020619679	4		AB 210150	AB 220152	90 56	131 47	94 36	76 30	105 28	111 32	113 44	112 34	120 15	82 2.22 70	107 -0.32 39	124 27 30	131 18.8 47	94 -2.9 36	109 30 38	128 24.2 42	116 81 42	123 11.6 47	106 -7.0 36	103 -0.7 20	111 16.3 38	111 9 48	116 19 46	118 1.95 16	112 0.05 14	104 0.54 14

Breeding Values and Accuracies: Bulls

Inbreeding in red is high

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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	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
AB 260059	6020619687	14		AB 210150	AB 120123	96	115	104	79	94	92	111	95	118	100	92	121	115	104	107	117	114	126	97	93	115	104	111	113	118	101
						54	50	48	37	31	35	44	37	13	0.52	0.21	24	11.9	0.6	27	17.8	74	12.7	-0.3	1.1	18.9	4	14	1.57	0.30	0.41
						59	47				37	50	48	45			37	50	48	45	43	40	46	38	24	42	47	45	14	12	12
AB 260060	6020620834	14		AB 210150	AB 120123	96	115	104	79	94	92	111	95	118	100	92	121	115	104	107	117	114	126	97	93	115	104	111	113	118	101
						54	50	48	37	31	35	44	37	13	0.52	0.21	24	11.9	0.6	27	17.8	74	12.7	-0.3	1.1	18.9	4	14	1.57	0.30	0.41
						59	47				37	50	48	45			37	50	48	45	43	40	46	38	24	42	47	45	14	12	12
AB 260064	6020752538	2		AB 210150	AB 150195	95	109	90	98	74	82	99	83	106	98	94	102	109	90	98	108	101	114	89	70	113	98	104	102	105	98
						60	50	45	36	30	35	48	38	18	0.73	0.14	4	9.4	-4.1	2	12.5	25	6.8	6.2	5.2	17.5	1	7	0.71	-0.20	0.31
						71	45				36	50	45	44			36	50	45	44	43	46	51	37	24	42	53	51	19	17	17
AB 260065	6020752546	3		AB 210150	AB 220183	88	122	96	78	104	103	103	103	117	80	105	122	122	96	105	118	107	111	102	105	117	104	111	113	125	103
						56	47	35	29	28	32	43	34	13	2.38	-0.28	26	14.9	-2.1	20	18.5	48	5.7	-4.3	-1.0	19.8	5	14	1.56	0.52	0.49
						70	38				29	47	35	37			29	47	35	37	42	41	46	35	20	36	46	45	14	12	12
AB 260066	6020752553	3		AB 210150	AB 220203	91	126	99	70	109	107	112	108	126	83	108	130	126	99	108	124	116	118	102	112	119	111	120	121	131	109
						56	47	35	29	28	32	43	34	12	2.12	-0.36	34	16.8	-1.1	27	22.0	81	9.0	-3.9	-2.4	21.0	9	23	2.18	0.73	0.70
						70	38				29	47	35	37			29	47	35	37	42	41	46	35	20	36	46	45	13	12	12
AB 260068	6020752579	3		AB 210150	AB 210092	118	112	87	96	80	93	111	95	116	115	109	104	112	87	96	108	112	113	88	80	112	112	115	113	103	100
						57	48	39	32	28	33	45	35	15	-0.87	-0.40	6	10.6	-5.3	-3	12.6	67	6.6	6.3	3.5	17.1	10	18	1.57	-0.27	0.38
						71	40				32	48	39	40			32	48	39	40	42	43	48	35	20	38	49	47	16	14	14
AB 260070	6020752652	2		CN 170014	AB 130080	104	112	106	103	60	83	95	84	96	87	122	97	112	106	117	106	88	103	75	61	100	94	96	96	85	92
						65	59	54	44	39	42	54	44	20	1.74	-0.89	-2	10.6	1.3	51	11.3	-21	1.7	16.5	6.9	9.8	-2	-1	0.22	-0.91	0.10
						73	55				44	59	54	52			44	59	54	52	55	53	56	49	29	52	56	55	21	19	19
AB 260071	6020752587	3		CN 170014	AB 220025	121	98	98	105	85	93	92	92	100	107	129	95	98	98	99	90	91	102	98	79	105	103	105	104	96	91
						62	58	49	40	36	40	51	42	16	-0.17	-1.14	-4	4.9	-1.7	5	2.0	-11	1.1	-1.2	3.6	13.0	4	8	0.87	-0.51	0.09
						72	49				40	58	49	49			40	58	49	49	54	50	53	48	24	48	53	52	17	16	15
AB 260072	6020752595	2		CN 170014	AB 110079	122	93	108	118	100	112	94	109	97	111	119	82	93	108	110	86	87	105	114	89	104	93	101	96	91	90
						66	60	56	42	37	42	54	44	18	-0.57	-0.79	-17	2.7	1.6	34	-0.8	-25	2.8	-13.5	1.7	12.5	-3	4	0.20	-0.69	0.04
						73	56				42	60	56	53			42	60	56	53	54	52	56	48	26	52	57	55	19	17	16
AB 260073	6020752603	3		AB 210150	AB 210070	97	118	108	79	92	94	110	97	118	92	104	121	118	108	113	116	112	117	95	92	113	106	115	116	107	105
						57	48	39	31	28	32	46	35	16	1.26	-0.22	25	13.1	1.9	40	16.8	66	8.6	1.5	1.3	17.8	6	18	1.75	-0.11	0.55
						71	40				31	48	39	39			31	48	39	39	43	43	48	36	20	38	49	47	16	15	14
AB 260074	6020752611	1		AB 210150	AB 130146	105	104	109	82	93	87	124	93	127	114	90	118	104	109	105	112	130	125	94	94	112	114	120	123	108	108
						60	48	47	37	30	35	48	38	17	-0.78	0.28	21	7.3	2.1	21	14.7	134	12.5	1.9	0.9	17.0	11	23	2.37	-0.10	0.67
						70	46				37	48	47	44			37	48	47	44	41	45	50	37	24	43	51	49	18	16	15
AB 260075	6020752629	4		AB 210150	AB 200061	87	125	95	81	92	98	114	101	120	85	98	119	125	95	108	125	118	110	88	96	117	104	113	115	116	108
						57	48	40	34	29	33	44	35	14	1.94	0.00	22	16.4	-2.5	27	22.7	86	5.1	6.5	0.5	19.8	4	16	1.68	0.20	0.66
						69	41				34	48	40	41			34	48	40	41	44	41	46	37	21	38	47	45	15	13	13

Breeding Values and Accuracies: Cows & Heifers

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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
AB 100091 72163439	7	AB 070069 AB 080018	91 82	101 75	92 83	106 60	79 54	84 57	117 70	89 60	107 34	104 0.12 83	80 0.65 80	94 -4 60	101 6.2 75	92 -3.5 83	96 -1 73	111 13.9 65	125 112 66	104 2.2 74	88 6.7 65	79 3.7 42	112 17.3 70	105 5 76	98 2 73	94 0.04 36	118 0.28 32	112 0.79 32
AB 110079 74566241		AB 070057 AB 060166	115 82	82 73	116 80	132 50	121 47	129 52	107 60	127 54	102 15	122 -1.52 82	96 0.07 81	68 -32 50	82 -2.1 73	116 4.5 80	117 51 68	81 -3.4 64	99 19 56	105 2.5 63	126 -22.5 59	112 -2.3 35	108 14.4 66	91 -4 65	103 6 62	93 0.03 16	102 -0.31 14	100 0.40 14
AB 110201 76850023	3	KL 040026 99-0148SC	89 82	86 78	115 84	104 60	124 54	109 57	94 62	106 58	97 26	96 0.86 82	86 0.44 81	96 -3 60	86 -0.1 78	115 4.3 84	107 25 74	90 1.5 69	99 16 59	91 -4.0 65	101 -2.9 64	134 -6.3 43	97 8.0 70	127 19 67	109 12 64	105 0.97 27	115 0.17 25	112 0.80 24
AB 120001 75654848	15	AB 070069 AB 070071	70 79	120 71	89 80	74 48	53 52	53 52	116 64	61 54	109 26	82 2.23 80	75 0.83 78	126 30 48	120 14.2 71	89 -4.6 80	97 -1 66	120 19.4 56	113 69 60	91 -3.9 67	49 35.7 63	69 5.4 41	104 12.1 68	98 1 69	102 5 66	101 0.61 28	107 -0.12 25	102 0.45 25
AB 120042 79833059	2	SS 080071 AB 080287	123 78	76 70	99 79	137 53	94 48	103 52	81 66	98 55	84 38	120 -1.38 80	109 -0.43 76	63 -37 53	76 -4.6 70	99 -1.3 79	94 -7 67	67 -12.0 60	82 -44 63	86 -6.7 69	101 -3.0 57	90 1.6 38	104 12.4 68	74 -15 70	89 -8 68	78 -1.21 40	107 -0.11 37	84 -0.16 37
AB 120123 76850296		CIS 080026 AB 070140	107 81	99 77	113 84	91 64	87 53	85 58	104 50	87 56	102 10	112 -0.58 81	95 0.10 81	109 11 64	99 5.2 77	113 3.3 84	108 29 75	104 10.1 66	102 30 47	122 10.8 54	95 0.9 66	84 2.7 40	114 18.3 67	93 -3 55	97 1 53	101 0.61 10	105 -0.18 9	91 0.09 9
AB 130046 77983963	1	AB 080031 AB 050031	120 80	88 72	74 79	122 53	112 44	111 51	90 62	108 53	83 20	120 -1.34 81	105 -0.27 79	78 -21 53	88 0.4 72	74 -9.4 79	73 -62 68	81 -3.6 64	86 -30 58	73 -12.8 66	110 -10.2 55	110 -1.9 32	98 8.5 64	88 -6 67	71 -26 64	85 -0.65 21	110 -0.02 20	98 0.32 19
AB 130080 77984235	4	AB 100028 AB 110004	88 79	113 71	113 73	102 58	45 52	68 54	109 60	74 55	101 26	84 2.00 81	101 -0.11 77	98 -1 58	113 11.0 71	113 3.4 73	123 67 67	116 17.4 66	101 27 57	100 0.2 62	49 35.7 62	55 8.0 42	99 9.1 68	93 -3 63	93 -3 62	94 0.08 27	89 -0.76 25	104 0.53 24
AB 130104 79221990	26	CIS 080009 CIS 080031	100 80	92 72	61 82	105 59	92 51	81 55	79 53	78 55	71 32	95 0.94 81	106 -0.29 78	95 -4 59	92 2.4 72	61 -13.7 82	60 -94 71	95 4.7 62	73 -77 51	68 -15.1 56	82 10.9 62	101 -0.4 40	97 8.2 69	73 -15 57	65 -31 55	76 -1.30 34	81 -1.07 31	108 0.67 31
AB 130108 79222063		CIS 080025 AB 070140	106 81	82 72	77 82	87 64	98 50	67 55	76 64	65 57	78 30	112 -0.64 82	93 0.17 80	113 16 64	82 -1.9 72	77 -8.5 82	64 -85 73	83 -2.6 62	73 -77 61	82 -8.4 67	112 -11.9 61	88 1.9 39	95 6.9 68	92 -3 69	82 -15 66	80 -0.98 32	84 -0.93 29	80 -0.31 28
AB 130138 79221859	2	CIS 090027 AB 110080	85 81	127 77	98 80	63 59	101 54	95 57	128 70	101 60	128 19	86 1.87 83	94 0.13 79	137 41 59	127 17.2 77	98 -1.6 80	105 21 72	126 23.1 70	126 118 68	102 1.0 72	95 1.0 68	105 -1.1 40	115 18.8 70	114 11 73	127 30 71	124 2.39 20	111 0.04 18	124 1.20 18
AB 130141 79221974		AB 100028 AB 050170	92 81	87 72	87 82	110 69	77 50	72 56	103 66	75 58	92 27	104 0.12 82	82 0.59 80	90 -8 69	87 0.3 72	87 -5.1 82	82 -37 74	94 4.0 61	102 30 62	97 -1.0 68	74 16.8 61	84 2.6 40	101 10.4 68	90 -5 70	82 -14 67	94 0.05 28	75 -1.28 26	93 0.15 25

Breeding Values and Accuracies: Cows & Heifers

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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
AB 130144			102	83	104				93			107	94		83	104		86	95	120	119		97	95	91			
82148032			69	62	76				55			-0.12	0.13		-1.7	0.4		-0.8	2	9.7	-16.8		7.8	-1	-6			
												67	71		62	76		37	51	55	21		52	62	58			
AB 130146		AB 100028	103	94	125	98	85	85	128	93	121	108	93	102	94	125	118	109	135	121	90	85	108	112	116	122	83	107
81008856		AB 020017	81	71	81	64	52	56	64	58	24	-0.28	0.19	4	3.0	7.4	54	12.7	150	10.4	5.1	2.4	14.6	10	19	2.21	-0.97	0.63
												82	79	64	71	81	72	62	60	67	62	42	69	68	66	25	22	22
AB 130158		CIS 080025	106	92	101	105	93	91	78	87	88	104	104	95	92	101	97	90	77	106	106	85	102	96	92	89	94	87
79145520		AB 020166	78	72	81	57	34	49	69	53	30	0.17	-0.24	-3	2.3	-0.6	1	1.6	-62	3.0	-7.4	2.6	11.2	-1	-5	-0.32	-0.58	-0.04
												79	76	57	72	81	70	56	66	73	42	27	67	74	72	32	29	29
AB 140006	1	CIS 090027	104	112	105	127	116	145	105	141	106	90	119	73	112	105	128	102	99	98	114	112	104	106	110	109	117	110
86904430		AB 110159	77	71	80	55	40	50	64	53	19	1.46	-0.78	-27	10.8	0.6	80	9.1	18	-0.8	-13.2	-2.4	12.3	6	13	1.24	0.23	0.74
												79	75	55	71	80	69	60	62	68	50	30	66	69	67	20	18	18
AB 140046	4	CIS 090027	90	124	97	93	92	107	107	107	118	90	96	107	124	97	113	124	106	104	70	110	108	106	114	123	133	128
79780854		AB 110063	78	77	81	63	50	56	66	58	22	1.48	0.05	10	15.8	-1.8	41	22.0	43	2.2	20.5	-2.0	14.5	6	18	2.30	0.83	1.33
												80	76	63	77	81	74	66	64	70	62	39	66	71	69	23	21	21
AB 150077	1	AB 120007	116	91	106	118	60	77	101	79	96	117	103	82	91	106	107	90	95	122	84	53	113	91	99	93	92	92
82430240		AB 120123	77	77	79	63	52	57	62	58	26	-1.09	-0.19	-17	1.9	1.0	25	1.7	3	11.0	9.5	8.2	17.4	-4	3	-0.04	-0.68	0.12
												79	75	63	77	79	73	67	59	64	64	41	67	65	63	27	24	24
AB 150121	4	CIS 090027	64	114	47	80	103	81	103	83	90	79	66	120	114	46	59	110	93	57	99	106	105	90	76	89	106	100
82829268		AB 100159	78	76	81	58	50	55	64	57	20	2.53	1.16	24	11.7	-18.6	-98	13.4	-3	-20.7	-1.5	-1.3	13.0	-5	-20	-0.35	-0.17	0.38
												80	75	58	76	81	72	68	61	67	60	41	67	68	66	21	20	19
AB 150195	2	AB 120007	113	82	84	130	49	63	79	62	78	117	98	70	82	84	80	81	76	97	78	40	110	81	83	79	78	86
82966243		AB 130006	78	76	77	61	52	56	67	58	28	-1.11	-0.01	-30	-2.1	-6.3	-43	-3.4	-68	-1.0	13.7	10.6	15.5	-11	-14	-1.10	-1.16	-0.10
												80	76	61	76	77	71	67	64	70	63	42	65	73	71	29	26	26
AB 160001	2	SS 080071	110	67	71	132	68	62	66	59	68	116	94	68	67	71	54	56	64	80	79	69	104	67	76	66	83	80
82968207		AB 011261	77	72	79	56	48	53	64	55	42	-1.00	0.14	-32	-8.4	-10.4	-109	-18.1	-110	-9.3	13.3	5.5	12.0	-20	-20	-2.11	-0.98	-0.28
												79	75	56	72	79	69	64	63	67	57	38	69	68	66	44	41	40
AB 160006	3	AB 120007	91	114	111	118	81	111	126	115	117	95	90	82	114	111	130	114	129	108	95	76	110	128	117	117	97	114
83934992		AB 130103	80	76	79	65	54	58	70	60	27	0.94	0.27	-17	11.7	2.7	86	16.1	130	4.3	1.1	4.2	16.1	20	20	1.83	-0.47	0.86
												82	78	65	76	79	73	66	68	74	64	45	68	75	73	28	26	25
AB 160008	1	AB 120007	100	88	117	116	62	73	103	76	101	105	92	84	88	117	114	95	108	110	84	56	110	90	102	101	80	96
83935080		AB 130146	78	77	81	63	54	57	64	58	28	0.07	0.20	-15	0.4	4.7	44	4.9	51	5.1	9.2	7.7	15.6	-4	6	0.61	-1.10	0.25
												80	76	63	77	81	74	68	62	67	64	44	66	68	66	29	26	26
AB 160014	3	AB 120007	130	80	88	148	69	95	73	90	73	121	121	52	80	88	90	71	64	91	92	61	109	79	84	73	86	86
83935122		AB 130110	78	76	81	62	54	57	61	58	30	-1.44	-0.85	-49	-2.9	-5.0	-18	-9.4	-110	-4.4	3.4	6.8	15.3	-12	-13	-1.56	-0.87	-0.08
												80	76	62	76	81	73	65	59	63	65	42	66	64	62	31	28	28

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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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
AB 160021		CIS 090027	91	103	95	99	113	108	94	106	101	93	94	101	103	95	98	110	97	88	107	113	112	97	104	106	115	102
83935197		SS 120082	79	77	80	68	48	57	68	59	18	1.14	0.13	3	7.0	-2.6	2	13.7	11	-5.8	-7.6	-2.5	17.1	0	7	0.98	0.18	0.45
												81	76	68	77	80	75	69	66	72	58	38	65	73	71	18	17	17
AB 160026		SS 080071	129	65	98	140	94	97	63	89	65	125	114	60	65	98	85	59	66	65	94	95	101	54	64	64	92	74
83931279		AB 050031	79	77	80	69	52	58	71	61	42	-1.81	-0.60	-40	-9.0	-1.6	-30	-16.4	-103	-16.5	1.7	0.8	10.5	-28	-32	-2.30	-0.67	-0.50
												80	77	69	77	80	75	69	68	74	61	42	68	75	73	43	40	39
AB 160031	3	SS 080071	99	84	74	119	101	93	69	86	81	118	75	81	84	74	69	74	75	71	102	100	97	55	73	77	111	91
83931329		AB 090012	79	76	80	70	52	58	66	60	40	-1.21	0.85	-18	-1.1	-9.6	-73	-7.6	-69	-13.9	-4.1	-0.2	7.9	-28	-23	-1.24	0.02	0.08
												80	77	70	76	80	75	68	64	69	62	43	68	70	68	41	38	37
AB 160040	3	SS 080071	82	101	93	90	109	94	90	92	97	91	82	110	101	93	92	93	94	91	96	116	99	90	103	88	108	93
83931402		AB 100055	79	74	77	57	50	54	61	55	39	1.35	0.56	12	5.9	-3.2	-14	3.7	1	-4.3	0.6	-3.1	8.9	-5	7	-0.39	-0.09	0.16
												80	77	57	74	77	69	68	59	63	62	39	67	64	63	40	38	37
AB 160044	1	CIS 090027	87	92	64	101	104	85	86	83	82	97	83	99	92	64	62	92	79	75	115	96	102	82	88	84	100	99
83931436		SS 120038	78	75	79	69	52	57	62	58	23	0.81	0.55	1	2.4	-12.9	-90	3.1	-57	-11.9	-13.5	0.6	11.0	-10	-9	-0.70	-0.39	0.35
												79	76	69	75	79	74	68	60	65	62	41	66	67	65	24	22	21
AB 160056	3	SS 080071	73	89	99	100	86	72	74	69	83	89	64	100	89	99	91	89	80	75	98	82	105	76	84	76	108	85
83978031		AB 100061	79	76	79	64	52	57	63	58	39	1.56	1.25	2	0.9	-1.3	-14	1.2	-53	-12.1	-0.9	3.1	12.6	-14	-13	-1.35	-0.10	-0.12
												81	77	64	76	79	73	67	60	65	63	42	66	66	64	40	38	37
AB 160070	2	AB 100028	112	90	83	105	88	83	85	81	85	101	117	95	91	83	79	89	83	69	87	92	110	78	75	85	92	90
83978163		AB 100083	79	75	79	71	50	57	68	59	24	0.39	-0.70	-3	1.6	-6.6	-46	1.5	-42	-14.6	7.0	1.3	16.1	-12	-21	-0.66	-0.66	0.05
												81	77	71	75	79	75	68	64	71	58	41	66	72	70	25	23	22
AB 160102		CIS 090027	86	111	95	102	108	113	110	113	112	93	86	98	111	95	105	109	112	98	106	108	114	124	117	115	116	109
85219814		AB 070049	78	76	80	62	50	56	60	57	18	1.21	0.44	0	10.2	-2.5	20	12.7	66	-0.8	-6.7	-1.6	18.3	17	20	1.67	0.20	0.68
												79	76	62	76	80	73	67	58	63	61	39	65	64	62	18	17	17
AB 160117		GN 110457	58	123	113	85	107	108	130	114	129	71	69	115	123	113	123	120	129	122	98	111	103	119	126	122	94	119
85219871		AB 040021	75	72	74	66	29	49	57	51	18	3.23	1.07	18	15.4	3.4	66	19.6	129	10.9	-0.9	-2.2	11.3	14	29	2.27	-0.60	1.03
												77	72	66	72	74	71	60	55	60	35	23	61	61	59	18	17	16
AB 160139	4	GN 110457	87	108	60	110	80	87	96	87	91	94	86	90	108	60	72	109	98	86	75	90	103	84	85	86	87	96
85223857		CIS 080012	77	75	78	58	50	54	60	55	25	1.08	0.44	-9	8.9	-14.1	-64	13.0	13	-6.6	16.3	1.7	11.7	-8	-12	-0.58	-0.84	0.26
												79	75	58	75	78	70	67	57	62	62	39	66	63	61	26	24	23
AB 160158	4	AB 130121	97	98	102	81	100	83	97	84	99	92	105	119	98	102	95	94	107	78	104	98	110	113	93	103	107	107
85223980		AB 130035	76	73	75	52	46	51	66	54	19	1.25	-0.25	22	4.6	-0.1	-5	4.0	47	-10.3	-5.4	0.2	15.7	10	-3	0.77	-0.11	0.63
												78	73	52	73	75	67	64	62	69	58	34	62	71	68	20	18	18
AB 160160	1	SS 080071	79	87	84	104	88	73	77	70	83	97	64	96	87	84	77	87	78	66	88	91	98	83	85	78	109	96
85223998		AB 100108	77	76	80	63	51	56	63	57	40	0.78	1.26	-3	0.3	-6.3	-50	-0.1	-58	-16.4	6.8	1.4	8.4	-9	-12	-1.19	-0.05	0.25
												79	75	63	76	80	73	68	61	66	60	42	67	67	65	42	39	38

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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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																										
AB 160176 85224558	4	GN 110278	AB 100032	114 78	98 75	102 79	108 61	83 50	93 55	97 60	93 56	90 28	102 0.33 80	120 -0.80 75	92 -7 61	98 4.7 75	102 -0.1 79	104 19 72	102 8.9 66	102 29 57	105 2.6 60	87 7.2 61	84 2.7 40	108 14.4 64	114 11 65	104 8 63	98 0.35 29	83 -0.99 27	96 0.26 26
CIS 160027 84795590	16	CIS 110001	CIS 080001	107 75	109 69	91 73	97 35	96 43	102 46	110 47	104 46	110 28	103 0.26 77	107 -0.32 72	103 5 35	109 9.7 69	91 -3.7 73	99 5 59	101 8.3 62	111 64 45	117 8.5 40	80 12.9 52	108 -1.6 34	100 9.6 62	103 4 51	104 7 49	105 0.97 30	124 0.48 27	103 0.50 27
AB 170010 86183969	2	GN 110457	AB 100104	86 76	112 74	111 76	77 55	116 50	105 53	120 59	109 54	116 22	90 1.42 79	89 0.30 73	123 26 55	112 10.7 74	111 2.8 76	111 35 68	117 17.4 66	119 90 57	115 7.5 61	102 -3.8 62	122 -4.1 39	104 11.9 65	106 6 62	113 17 60	115 1.68 23	90 -0.71 21	121 1.11 21
AB 170051 86184157	2	AB 120007	AB 100083	104 79	86 77	102 81	122 70	105 52	107 58	87 60	103 58	86 26	102 0.37 81	104 -0.23 77	78 -22 70	86 -0.3 77	102 -0.2 81	101 10 76	83 -2.4 72	83 -40 58	86 -6.7 63	113 -12.7 64	97 0.4 41	112 17.3 67	82 -10 63	91 -5 62	82 -0.88 27	94 -0.58 25	88 -0.03 25
AB 170059 86184207	1	AB 100028	AB 120021	96 77	91 74	96 76	118 60	55 52	67 55	91 56	68 55	88 24	104 0.15 79	88 0.37 75	82 -18 60	91 1.6 74	96 -2.2 76	97 -1 70	95 5.0 68	91 -12 54	86 -6.7 58	53 33.3 65	69 5.4 40	114 18.2 65	83 -9 59	81 -15 58	89 -0.28 25	89 -0.77 23	98 0.33 22
AB 170066 86184272	2	AB 120007	AB 070078	87 77	88 77	111 79	132 56	81 53	97 55	91 54	95 55	86 30	101 0.43 79	77 0.76 75	68 -32 56	88 0.8 77	111 2.9 79	118 53 71	82 -2.7 70	86 -29 53	105 2.4 56	93 2.5 64	78 3.8 42	99 9.1 68	101 2 56	97 0 55	85 -0.62 31	95 -0.56 28	92 0.10 28
AB 170067 86184280	1	AB 120007	AB 100131	118 78	73 76	86 79	155 63	81 50	100 56	75 66	95 58	73 26	122 -1.53 80	100 -0.10 76	44 -57 63	73 -5.9 76	86 -5.4 79	85 -31 73	67 -11.9 68	72 -83 63	87 -6.3 69	109 -9.5 63	65 6.1 38	102 11.2 66	80 -11 70	82 -14 68	73 -1.54 27	89 -0.76 25	81 -0.26 24
AB 170077 86184298	4	GN 110278	AB 120113	95 77	107 75	104 76	114 56	86 50	106 54	87 66	102 56	89 25	99 0.63 80	93 0.17 73	86 -13 56	107 8.7 75	104 0.5 76	116 50 69	103 9.6 68	88 -22 62	95 -2.3 68	73 17.8 61	100 -0.1 40	109 15.5 64	110 8 70	102 6 68	95 0.18 26	79 -1.13 24	98 0.31 24
AB 170106 86183480		CIS 120005	AB 070037	93 74	117 68	91 70	89 50	117 36	117 47	103 46	115 47	110 8	82 2.19 76	110 -0.47 72	111 14 50	117 12.9 68	91 -4.0 70	101 10 63	111 14.5 62	106 42 44	100 0.3 46	118 -16.0 47	112 -2.4 24	97 8.2 61	97 0 46	104 7 46	108 1.19 8	117 0.24 7	92 0.11 7
AB 170112 86799988	3	GN 110457	AB 090218	85 73	115 68	91 62	96 51	109 44	112 48	114 62	113 51	112 20	92 1.24 76	86 0.43 70	104 7 51	115 12.1 68	91 -3.9 62	102 13 60	116 17.2 64	115 76 59	79 -9.7 65	109 -9.6 54	106 -1.3 34	90 4.0 64	105 5 66	100 3 64	106 1.03 20	97 -0.48 19	117 0.98 18
AB 170116 86799780	1	AB 120007	AB 090126	100 75	104 74	123 76	116 53	84 50	107 53	103 66	106 56	102 28	93 1.15 77	107 -0.35 73	84 -15 53	104 7.5 74	123 6.7 76	133 94 68	105 10.8 66	105 38 64	106 3.3 70	91 4.2 60	83 2.8 41	107 14.1 65	135 24 71	122 25 69	102 0.67 29	103 -0.27 27	106 0.61 26
AB 170137 86800364	2	CIS 120010	AB 120157	107 76	85 73	94 71	96 45	139 49	112 51	97 68	109 54	94 26	109 -0.32 79	99 -0.05 73	104 6 45	85 -0.9 73	94 -3.0 71	82 -38 63	94 4.1 66	100 21 65	105 2.5 71	118 -16.1 60	144 -8.2 38	100 9.7 64	82 -10 72	89 -7 70	91 -0.17 27	106 -0.16 25	102 0.44 25

Breeding Values and Accuracies: Cows & Heifers

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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																													
AB 170158 86716115	1		AB 130034 AB 090225	90 76	81 73	104 74	118 47	82 49	80 51	91 60	80 53	88 32	97 0.76 78	87 0.39 74	82 -18 47	81 -2.3 73	104 0.5 74	97 0 65	80 -4.1 67	88 -21 57	94 -2.9 63	69 20.7 60	96 0.5 38	106 13.6 64	88 -6 64	102 5 62	95 0.17 34	89 -0.77 31	97 0.28 30
AB 180017 87049607	2		AB 120007 AB 090048	72 77	104 77	128 78	85 55	68 50	67 54	111 66	72 56	114 32	88 1.63 80	65 1.19 73	115 18 55	104 7.4 77	128 8.4 78	123 66 70	102 8.7 64	112 64 63	127 13.3 68	86 7.7 56	64 6.4 43	108 14.8 67	120 15 69	124 27 67	116 1.81 34	112 0.07 31	114 0.86 30
AB 180022 87049649			AB 120007 SS 120026	87 73	111 71	136 74	102 59	58 50	82 53	108 52	85 53	113 25	87 1.70 76	95 0.11 69	98 0 59	111 10.1 71	136 11.1 74	143 118 68	109 12.9 61	109 56 51	121 10.5 54	95 1.0 61	42 10.2 40	107 13.7 62	110 9 55	119 22 54	110 1.29 26	101 -0.33 24	101 0.43 23
AB 180026 87049672	2		AB 120007 AB 100007	124 77	87 76	105 78	128 70	91 54	107 58	80 61	102 59	84 29	116 -1.01 79	116 -0.67 75	72 -28 70	87 0.2 76	105 0.7 78	107 26 75	80 -4.2 66	80 -51 59	99 -0.5 63	92 3.7 65	93 1.1 44	106 13.5 66	100 2 64	97 1 63	89 -0.35 30	99 -0.40 28	97 0.30 27
AB 180040 87200705	1		CIS 120005 AB 100061	103 75	103 73	74 74	77 61	90 48	72 54	101 64	75 56	103 12	92 1.27 78	115 -0.62 71	123 26 61	103 6.9 73	74 -9.5 74	74 -60 69	99 6.9 62	97 10 62	83 -7.9 68	109 -9.7 60	79 3.5 37	108 14.5 63	94 -2 69	99 2 67	99 0.44 12	115 0.18 11	90 0.05 11
AB 180042 87200721			CIS 120008 AB 050189	96 77	103 75	105 77	102 68	100 50	104 56	81 54	99 56	93 16	90 1.44 79	106 -0.30 74	98 -1 68	103 6.9 75	105 0.9 77	109 30 73	94 3.9 64	79 -55 53	108 3.9 56	93 2.6 62	105 -1.0 38	106 13.4 63	96 -1 57	93 -3 56	93 0.03 17	115 0.17 16	93 0.13 15
AB 180065 87200911			CIS 120008 AB 070204	117 76	86 72	106 75	133 67	100 47	114 54	78 57	108 55		109 -0.36 78	114 -0.58 73	67 -33 67	86 -0.5 72	106 1.1 75	109 32 71	80 -4.0 62	77 -62 54	102 1.3 60	104 -5.3 58	97 0.3 36	104 12.2 60	97 0 62	93 -3 60			
AB 180068 87200937	2		AB 100028 AB 150034	113 75	106 75	87 77	114 64	66 52	88 56	94 54	88 56	94 30	109 -0.36 78	108 -0.38 72	86 -13 64	106 8.3 75	87 -5.2 77	98 3 72	116 16.9 62	94 1 52	98 -0.7 55	49 35.7 62	87 2.2 43	103 11.6 64	81 -10 56	88 -8 55	91 -0.14 31	95 -0.55 29	100 0.39 28
AB 180084 87265286	1		AB 100028 AB 150057	109 76	95 71	83 78	138 69	72 44	98 54	100 52	98 54	89 25	109 -0.32 78	103 -0.18 73	62 -39 69	95 3.3 71	83 -6.6 78	94 -8 73	101 8.3 64	99 17 51	88 -5.8 53	74 17.0 54	77 3.9 33	107 14.2 64	96 -1 55	86 -11 54	93 -0.02 26	88 -0.82 24	100 0.39 23
AB 180088 87265328	5		CIS 120010 AB 130166	86 76	132 75	85 76	66 69	132 52	123 57	131 61	127 58	121 20	80 2.43 79	104 -0.22 72	134 38 69	132 19.4 75	85 -5.8 76	99 6 73	138 30.3 67	134 148 58	126 12.8 63	111 -10.6 64	138 -7.1 41	98 8.7 64	115 12 64	112 15 63	122 2.29 21	102 -0.31 19	118 1.00 19
AB 180117 87952156	16		AB 150023 AB 160012	112 72	70 72	74 73	130 49	70 47	66 50	91 62	68 52	77 19	132 -2.49 76	92 0.23 67	70 -30 49	70 -7.3 72	74 -9.6 73	59 -97 65	69 -10.7 59	86 -31 58	83 -8.3 65	107 -7.9 57	51 8.7 37	111 16.6 57	71 -17 66	69 -27 64	74 -1.46 20	83 -0.99 18	90 0.03 18
AB 180122 87952206	3		AB 150023 AB 160066	92 72	98 73	115 75	125 51	58 48	84 51	104 54	86 52	95 18	104 0.18 76	82 0.59 68	75 -25 51	98 4.6 73	115 4.0 75	125 72 66	102 9.2 63	104 36 51	103 1.8 57	97 -0.5 58	42 10.3 38	112 17.0 58	96 -1 58	89 -7 56	92 -0.06 19	96 -0.51 17	104 0.52 17

Breeding Values and Accuracies: Cows & Heifers

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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																													
AB 180149 87952446	1	CIS 120005 AB 090261		107 74	120 72	84 74	82 43	112 46	112 49	113 60	113 51	118 12	92 1.27 77	131 -1.24 71	118 21 43	120 14.0 72	84 -6.1 74	95 -6 63	117 17.7 67	120 95 58	114 7.1 63	106 -6.7 60	114 -2.6 32	108 14.3 62	109 8 64	112 15 62	117 1.90 12	123 0.47 11	103 0.50 11
AB 180152 87952479	3	GN 110457 SS 120004		63 71	101 68	79 60	92 46	83 44	67 47	99 54	70 48	92 23	76 2.74 75	54 1.60 66	108 10 46	101 5.9 68	79 -7.8 60	80 -44 58	101 8.2 64	93 -3 52	89 -5.1 56	100 -2.3 55	75 4.3 34	94 6.2 61	86 -7 57	92 -5 56	86 -0.52 24	76 -1.23 22	105 0.54 21
AB 180191 88171574	1	CIS 120005 AB 090009		104 75	93 72	50 71	100 40	102 46	85 48	91 59	84 50	89 11	99 0.57 78	106 -0.29 72	100 1 40	93 2.7 72	50 -17.6 71	49 -122 61	86 -0.6 63	87 -25 56	73 -13.1 61	117 -15.3 59	91 1.4 32	106 13.6 62	79 -12 62	85 -12 60	88 -0.43 12	106 -0.17 10	84 -0.17 10
AB 180203 88171731		CIS 120008 AB 130035		93 75	106 74	120 72	94 62	65 46	76 53	91 60	76 54	104 16	91 1.37 78	100 -0.08 72	106 8 62	106 8.3 74	120 5.8 72	121 62 69	104 9.9 67	93 -3 58	104 2.3 63	50 35.1 60	85 2.5 33	103 11.8 62	106 5 64	102 6 62	103 0.78 17	112 0.05 15	100 0.38 15
EK 180059 87510616	2	1115578 EK 160010		92 71	113 68	106 65	77 46	96 32	89 44	100 53	90 46	108 29	93 1.16 75	95 0.12 66	123 27 46	113 10.9 68	106 1.1 65	106 24 60	110 13.4 52	99 16 49	113 6.8 57	102 -4.4 36	92 1.3 29	102 11.2 55	105 5 58	108 11 55	95 0.13 30	130 0.71 28	91 0.08 27
AB 190002 88686548	6	AB 150152 AB 160176		125 72	78 73	63 74	126 67	91 46	88 54	84 48	86 53	73 20	117 -1.13 76	117 -0.69 68	74 -26 67	78 -3.5 73	63 -13.3 74	54 -111 71	80 -4.2 60	88 -23 46	79 -10.1 50	96 0.2 55	89 1.8 37	108 14.8 58	81 -10 52	71 -26 50	76 -1.36 21	73 -1.33 19	84 -0.17 18
AB 190003 88686555	4	AB 150152 AB 160113		103 72	94 72	94 74	118 67	93 49	100 55	102 52	100 54	93 17	103 0.20 76	100 -0.07 68	82 -17 67	94 3.0 72	94 -2.7 74	97 1 71	93 3.5 61	103 33 49	96 -1.5 56	95 1.1 61	93 1.0 37	113 17.8 57	98 0 57	88 -9 54	93 0.02 18	86 -0.88 16	97 0.28 16
AB 190021 88809462		CIS 120008 AB 100083		107 76	111 74	114 75	83 65	116 50	114 55	94 55	111 55	106 8	91 1.36 79	130 -1.18 73	117 20 65	111 10.4 74	114 3.9 75	115 47 71	98 6.8 68	90 -16 53	100 0.0 57	107 -8.1 62	118 -3.3 37	118 20.7 62	101 3 57	107 10 56	101 0.64 9	123 0.47 8	97 0.28 8
AB 190022 88809470		CIS 120008 AB 090237		105 76	116 75	120 77	84 70	118 50	122 57	102 54	120 56	111 12	87 1.73 78	128 -1.12 73	116 19 70	116 12.6 75	120 5.8 77	124 69 74	107 11.8 70	100 20 53	120 9.8 56	106 -7.3 62	122 -4.0 38	115 18.9 62	109 8 58	112 16 57	109 1.23 12	134 0.87 11	107 0.63 11
AB 190030 88809538	1	CIS 120005 AB 090051		98 74	111 70	93 64	85 47	85 45	84 49	104 58	86 51	112 16	90 1.46 77	144 -1.70 69	115 18 47	111 10.2 70	93 -3.4 64	97 -1 60	101 8.2 64	107 46 56	108 3.9 60	68 21.6 61	102 -0.5 29	102 10.9 63	108 7 61	106 9 60	112 1.47 17	131 0.75 15	108 0.67 15
AB 190045 88809645	1	CIS 120005 AB 140021		107 75	107 74	79 74	79 55	90 46	79 52	100 59	81 53	101 19	90 1.45 78	129 -1.15 71	121 25 55	107 8.7 74	79 -7.7 74	81 -40 68	106 11.2 67	98 14 57	106 3.3 61	93 2.8 62	90 1.6 31	105 12.6 62	92 -3 62	98 2 61	102 0.72 20	104 -0.23 18	96 0.25 18
AB 190077 88918305	7	CIS 120010 AB 120113		111 76	95 74	47 73	124 69	127 50	123 56	90 61	118 57	86 24	107 -0.13 79	108 -0.38 72	76 -23 69	95 3.4 74	46 -18.6 73	50 -120 72	95 4.6 65	93 -3 59	82 -8.5 63	113 -12.5 58	129 -5.3 41	104 12.3 64	84 -9 64	76 -20 63	92 -0.11 25	85 -0.91 23	98 0.33 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	% 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				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
AB 190085	1		CIS 120010 AB 110079	101 70	96 70	87 63	108 50	133 45	125 49	114 58	125 51	108 19	101 0.38 75	99 -0.03 64	92 -7 50	96 4.1 70	87 -5.3 63	88 -22 61	99 7.2 64	115 79 55	115 7.4 60	118 -16.2 57	134 -6.3 33	102 10.8 62	89 -5 61	94 -2 60	105 0.90 20	97 -0.49 18	108 0.65 17
AB 190124	1		CIS 120005 AB 120011	96 72	120 73	112 71	92 54	108 46	120 51	98 59	117 53	113 18	78 2.62 76	121 -0.86 66	108 10 54	120 14.0 73	112 3.1 71	123 66 66	120 19.8 68	105 39 57	100 0.0 60	120 -17.9 60	97 0.4 33	105 12.6 61	103 3 62	111 14 61	117 1.85 19	114 0.12 17	97 0.28 16
AB 190137			CIS 120005 AB 140050	102 73	103 74	86 74	81 60	81 46	70 53	96 60	72 54	99 14	87 1.79 77	120 -0.81 68	119 23 60	103 6.8 74	86 -5.6 74	84 -33 69	108 12.6 63	101 25 57	93 -3.1 62	83 10.5 59	85 2.5 32	106 13.6 61	91 -4 62	88 -8 61	100 0.51 14	102 -0.29 13	88 -0.01 13
AB 190164			GN 110457 AB 130182	97 71	97 70	74 69	100 44	119 39	105 46	88 56	101 48	91 18	98 0.69 75	97 0.04 66	100 2 44	97 4.5 70	74 -9.5 69	75 -57 61	97 5.8 60	89 -19 54	82 -8.5 58	123 -20.3 54	110 -2.0 24	98 8.5 58	79 -12 59	83 -14 58	87 -0.45 18	88 -0.81 17	97 0.28 16
AB 190165	2		GN 110457 AB 100039	109 72	100 70	59 67	86 57	100 46	83 51	106 56	86 52	96 22	108 -0.19 76	103 -0.21 68	114 16 57	100 5.9 70	59 -14.5 67	61 -92 65	103 9.2 60	100 22 54	103 1.9 58	92 3.2 56	106 -1.3 35	96 7.4 62	106 6 58	99 2 57	95 0.15 23	93 -0.64 22	109 0.70 21
AB 190168	1		CIS 120005 AB 120157	93 74	117 74	118 73	79 60	121 48	118 54	109 56	118 54	115 21	82 2.18 77	110 -0.45 70	121 25 60	117 13.0 74	118 5.1 73	120 60 69	120 19.7 63	111 63 55	108 4.1 58	117 -15.6 61	118 -3.4 36	106 13.7 62	105 5 59	118 21 58	109 1.26 22	124 0.48 20	100 0.39 20
CIS 190111	1		CIS 100022 CIS 100018	126 74	101 71	76 66	115 52	87 39	101 48	103 47	102 48	104 18	120 -1.37 77	114 -0.61 69	85 -14 52	101 6.1 71	76 -8.8 66	84 -34 63	100 7.8 68	107 46 45	103 1.7 50	94 2.1 49	85 2.4 29	116 19.3 60	92 -3 51	95 -2 49	103 0.74 18	130 0.71 17	100 0.39 16
CIS 190179	1		CIS 100022 S 100101	86 70	108 68	107 62	86 42	87 35	84 44	102 42	86 44	101 21	91 1.33 74	88 0.37 64	114 16 42	108 9.1 68	107 1.4 62	108 27 57	126 23.2 64	105 42 40	89 -5.3 43	91 4.3 46	87 2.1 24	117 19.8 58	90 -5 44	98 1 42	105 0.89 22	86 -0.88 20	98 0.33 20
AB 200002	6		AB 150150 AB 110086	100 70	121 73	85 70	74 59	107 44	101 51	120 54	105 52	115 16	89 1.57 75	114 -0.60 64	126 29 59	121 14.4 73	85 -5.9 70	93 -9 67	118 18.5 58	116 80 52	103 1.4 56	98 -1.2 58	111 -2.2 30	113 17.8 58	100 2 56	102 6 55	110 1.30 17	112 0.06 16	107 0.61 16
AB 200016			CIS 120008 AB 130120	125 72	101 73	106 71	109 63	82 50	99 54	98 56	98 54	101 10	114 -0.79 76	132 -1.24 66	91 -7 63	101 6.3 73	106 1.2 71	111 36 69	97 5.7 63	94 -1 54	96 -1.7 57	61 26.8 61	101 -0.4 38	114 18.4 60	96 -1 62	96 0 61	99 0.48 11	118 0.29 10	101 0.41 10
AB 200031	2		CIS 120010 AB 090237	97 74	105 73	77 72	66 66	150 48	125 54	119 54	126 54	113 20	93 1.21 77	105 -0.25 70	134 38 66	105 7.9 73	77 -8.4 72	76 -55 70	108 12.5 64	123 108 52	122 10.7 55	149 -39.4 59	155 -10.1 38	98 8.9 63	105 5 57	101 4 56	113 1.56 21	115 0.17 20	115 0.88 19
AB 200034	1		CIS 120008 AB 160139	113 71	91 71	70 63	130 53	63 46	80 50	71 55	76 51	78 12	105 0.07 76	113 -0.56 65	70 -30 53	91 1.9 71	70 -11.0 63	73 -61 62	84 -1.9 64	70 -90 53	82 -8.4 56	64 24.7 60	72 4.8 33	104 12.5 59	73 -16 56	74 -23 56	75 -1.44 13	103 -0.27 12	86 -0.08 12

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values									Birth		Wean				Growth		Fertility				Frame		Carcass		
ID Animal no	% Inbreeding	Index EBV Acc	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																										
AB 200038 90474230		AB 100028 AB 050189	93 73	92 73	107 73	124 62	67 50	82 54	82 54	80 54	90 28	95 0.97	94 0.15	76 -23	92 2.2	107 1.5	112 37	96 5.4	84 -38	95 -2.4	71 19.4	73 4.8	108 14.7	76 -14	74 -22	94 0.04	85 -0.92	95 0.23
AB 200056 90474156	1	CIS 120008 AB 140025	105 71	88 72	94 70	115 61	76 48	80 53	73 54	76 53	85 20	108 -0.27	96 0.06	85 -14	88 0.7	94 -2.9	92 -14	89 1.0	72 -82	95 -2.2	72 19.0	85 2.5	106 13.2	80 -11	87 -9	82 -0.85	115 0.18	92 0.11
AB 200061 90474354	2	AB 170021 AB 170059	104 73	110 72	93 65	95 54	82 48	90 51	110 52	93 51	107 14	100 0.47	105 -0.27	105 7	110 10.0	93 -3.2	100 7	111 14.3	109 55	90 -4.4	78 14.4	90 1.6	117 20.3	92 -4	100 4	104 0.84	100 -0.38	106 0.59
AB 200095 91195750		AB 170020 AB 180065	116 69	86 70	87 68	147 55	91 44	114 50	94 44	111 49	87 12	119 -1.26	101 -0.12	53 -48	86 -0.2	87 -5.1	96 -4	87 -0.1	91 -10	98 -0.5	106 -6.7	83 2.9	118 20.9	98 0	90 -6	84 -0.69	97 -0.49	90 0.05
AB 210070 92187970	2	CN 170014 AB 170010	106 71	107 71	121 61	90 48	82 46	90 49	101 58	91 51	104 19	92 1.26	119 -0.77	110 13	107 8.6	121 6.1	121 61	103 9.2	98 14	105 2.5	91 4.3	81 3.2	111 16.2	97 0	105 9	106 0.98	83 -0.99	100 0.39
AB 210090 92659051	1	CN 170014 AB 170042	113 68	93 71	93 66	96 57	78 45	73 50	84 52	72 50	87 20	105 0.04	139 -1.52	104 6	93 2.5	93 -3.2	88 -24	92 2.7	81 -47	99 -0.5	95 1.5	73 4.8	109 14.9	88 -6	87 -10	91 -0.17	85 -0.91	89 0.03
AB 210091 92659069	3	CN 170014 AB 160102	91 69	107 70	101 56	107 45	99 43	108 47	91 54	105 48	96 18	86 1.83	102 -0.17	93 -6	107 8.7	101 -0.4	110 34	102 9.1	89 -18	98 -1.0	113 -12.3	89 1.8	114 18.0	105 5	103 6	101 0.63	97 -0.48	91 0.08
AB 210092 92659077	2	CN 170014 AB 170097	124 71	109 71	80 61	125 52	59 44	94 49	102 57	95 51	99 19	112 -0.58	130 -1.17	75 -24	109 9.3	80 -7.5	97 1	101 8.2	99 17	96 -1.5	78 14.0	57 7.6	108 14.8	109 8	105 8	101 0.63	74 -1.31	90 0.03
AB 210096 92666882	5	GN 180815 GN 100151	111 68	83 66	76 66	111 59	97 43	85 49	74 28	81 45	73 20	111 -0.55	102 -0.15	89 -9	83 -1.7	76 -8.9	68 -75	80 -3.9	75 -71	78 -10.5	85 8.5	105 -1.1	111 16.2	77 -13	74 -22	76 -1.36	77 -1.19	85 -0.12
AB 210128 92903780	2	VL 170070 AB 160040	87 66	98 69	86 59	104 47	93 44	89 47	86 56	87 49	91 36	101 0.44	78 0.73	96 -2	98 4.8	86 -5.5	88 -24	91 2.5	90 -14	84 -7.7	84 9.7	102 -0.5	99 9.0	89 -5	93 -3	98 0.42	82 -1.01	120 1.07
AB 210131 92903814	4	CN 170014 AB 160113	101 69	101 70	103 61	116 52	85 46	101 49	89 52	98 50	93 18	97 0.84	105 -0.28	84 -15	101 6.1	103 0.0	111 35	94 4.3	85 -34	97 -1.0	104 -5.6	75 4.2	114 17.9	101 3	97 0	98 0.36	90 -0.72	92 0.10
AB 210156 93145977	1	GN 180815 RO 070065	109 65	81 64	79 61	107 39	103 38	87 43	73 20	82 38	76 12	106 -0.09	105 -0.27	93 -6	81 -2.2	79 -7.9	69 -71	82 -2.7	75 -70	80 -9.7	111 -10.8	97 0.4	112 17.2	73 -16	74 -23	78 -1.15	90 -0.72	82 -0.23

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				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
AB 210165 91398693	1	AB 100028 AB 110079		92 74	93 70	105 65	135 52	81 48	102 50	106 54	103 51	100 24	104 0.16 77	81 0.60 69	65 -35 52	93 2.5 70	105 0.7 65	116 48 62	97 5.9 64	103 33 52	102 1.3 55	85 8.7 61	83 3.0 34	109 15.5 62	89 -5 56	94 -2 55	97 0.32 25	85 -0.91 22	102 0.45 22
AB 210166 91398701	25	AB 100028 AB 130143		105 72	109 71	135 71	129 61	65 49	109 53	102 56	108 54	103 25	90 1.47 76	120 -0.81 67	71 -29 61	109 9.2 71	135 10.7 71	149 135 68	109 13.1 64	90 -16 54	103 1.6 59	49 35.7 59	85 2.5 39	109 15.4 62	89 -5 60	89 -8 58	98 0.35 26	90 -0.73 24	109 0.68 23
AB 210172 92903962	3	CN 170014 AB 160021		105 69	110 72	93 67	103 57	89 40	102 49	86 56	99 50	94 18	88 1.61 75	121 -0.87 62	97 -1 57	110 10.1 72	93 -3.3 67	103 15 65	107 11.8 64	85 -35 55	95 -2.1 58	102 -4.3 48	83 2.9 31	112 16.9 55	94 -2 59	99 3 58	100 0.53 19	98 -0.46 17	89 0.03 17
AB 220007 93039733	2	EK 190001 AB 190045		92 67	112 70	120 62	96 48	115 34	122 45	119 56	123 47	119 31	86 1.81 74	105 -0.25 57	104 6 48	112 10.7 70	120 5.6 62	126 74 60	119 18.8 60	124 110 54	124 11.8 59	109 -9.3 41	116 -3.0 26	111 16.7 51	108 7 60	116 19 58	116 1.82 33	100 -0.36 29	97 0.30 29
AB 220022 93687390	1	AB 180113 AB 180056		107 64	113 68	109 58	80 47	113 43	110 46	94 48	108 46	110 6	91 1.35 72	121 -0.86 54	120 23 47	113 11.3 68	109 2.2 58	111 36 58	112 14.7 64	94 -1 47	94 -2.9 50	117 -15.5 58	106 -1.3 28	109 15.4 50	98 0 50	107 10 50	108 1.18 7	123 0.47 6	100 0.39 6
AB 220023 93687408	1	AB 180113 AB 180007		105 66	106 67	77 57	55 49	118 42	82 46	97 49	83 47	104 10	92 1.31 73	118 -0.75 58	145 50 49	106 8.2 67	77 -8.5 57	74 -59 58	108 12.2 60	103 31 47	91 -4.1 50	107 -7.6 55	121 -4.0 28	106 13.5 51	88 -6 51	93 -4 50	103 0.80 11	109 -0.04 10	100 0.38 10
AB 220025 93687424	2	AB 180113 AB 120081		114 68	97 68	97 60	106 46	91 44	96 47	103 49	96 47	109 10	104 0.10 74	115 -0.65 61	94 -4 46	97 4.2 68	97 -1.9 60	98 1 58	95 4.8 60	107 48 47	98 -0.9 51	94 1.9 58	91 1.4 30	109 15.4 54	111 9 52	111 15 50	111 1.38 11	112 0.05 10	104 0.51 9
AB 220031 93687481	8	AB 180113 AB 160044		97 69	109 71	59 65	72 54	106 46	81 50	91 52	81 50	98 13	87 1.73 75	110 -0.46 61	128 32 54	109 9.4 71	59 -14.6 65	64 -85 63	103 9.5 64	90 -15 51	79 -10.2 54	120 -17.7 59	94 0.9 32	113 17.9 53	88 -6 55	97 0 54	99 0.47 14	111 0.01 12	101 0.43 12
AB 220040 93687572	1	AB 180113 AB 180022		102 67	127 69	104 59	67 47	94 46	97 48	117 50	101 48	128 14	88 1.66 74	134 -1.34 59	133 37 47	127 17.2 69	104 0.5 59	111 37 58	122 20.9 64	120 96 48	116 7.9 51	110 -10.2 59	85 2.6 32	116 19.5 52	117 13 52	129 33 51	126 2.56 15	115 0.18 13	110 0.74 13
AB 220044 93687606	1	CN 170014 SS 120038		124 69	92 69	93 62	114 46	70 42	83 47	70 52	78 48	78 22	110 -0.44 74	127 -1.09 62	86 -13 46	92 2.4 69	93 -3.2 62	93 -9 59	80 -4.1 63	64 -111 51	91 -4.2 53	96 0.8 57	60 6.9 28	100 9.9 55	82 -10 55	89 -7 54	81 -0.97 23	87 -0.84 21	81 -0.26 20
AB 220057 93796613	8	AB 180113 AB 140006		96 68	121 70	93 65	107 52	117 42	134 48	109 58	132 50	115 12	88 1.63 74	144 -1.70 61	93 -5 52	121 14.3 70	93 -3.3 65	112 38 62	111 14.4 63	108 49 55	107 3.7 60	120 -17.5 57	110 -2.0 28	114 18.5 53	112 9 61	116 19 59	116 1.78 12	120 0.36 11	110 0.72 11
AB 220071 93796746	3	AB 180113 AB 120123		105 69	115 70	89 61	74 50	94 46	88 49	106 49	90 49	115 8	95 1.00 75	114 -0.59 62	126 30 50	115 12.2 70	89 -4.5 61	94 -8 60	114 15.9 64	109 53 47	108 4.3 51	92 3.7 60	97 0.4 32	116 19.4 53	100 2 52	109 13 50	114 1.61 8	115 0.17 8	101 0.42 7

Breeding Values and Accuracies: Cows & Heifers

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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																										
AB 220107 94267499	1	CIS 170007 CIS 180015		101 60	105 59	106 39	103 23	89 32	99 35	107 38	100 36	109 14	102 0.37 69	99 -0.06 48	97 -1 23	105 7.8 59	106 1.3 39	112 37 40	111 14.1 45	113 69 35	116 7.8 41	96 0.2 47	87 2.1 16	111 16.3 45	105 5 42	107 11 40	107 1.09 15	103 -0.26 13	93 0.16 13
AB 220108 94267507	4	CIS 130010 CIS 160014		99 62	106 62	80 45	104 26	106 34	108 37	107 40	108 38	102 16	107 -0.16 71	89 0.34 51	96 -2 26	106 8.3 62	80 -7.5 45	88 -22 44	106 11.5 56	108 50 37	110 5.2 43	109 -9.3 49	102 -0.5 19	107 14.0 48	111 9 44	101 4 42	102 0.72 17	98 -0.44 15	106 0.60 15
AB 220113 94267556	1	AB 180113 AB 170078		107 66	108 68	79 52	71 44	117 42	95 45	99 52	95 46	108 12	94 1.09 73	118 -0.74 56	129 32 44	108 8.9 68	79 -7.8 52	80 -44 55	102 8.6 64	100 23 50	87 -6.1 53	115 -13.7 59	113 -2.6 26	111 16.5 51	93 -2 54	102 5 53	105 0.95 12	106 -0.17 11	104 0.53 11
AB 220115 94267572	2	VL 170070 AB 120011		112 62	114 68	99 53	102 40	91 35	109 42	102 52	109 44	110 34	102 0.34 72	116 -0.66 50	98 0 40	114 11.7 68	99 -1.2 53	111 37 54	100 7.7 64	108 52 50	102 1.1 53	100 -2.9 44	87 2.2 26	101 10.3 54	112 10 55	112 15 54	123 2.35 36	81 -1.05 33	132 1.48 32
AB 220121 94267614	4	AB 180030 AB 200061		114 63	102 65	80 46	88 37	95 40	87 42	117 46	92 43	111 12	112 -0.62 72	105 -0.28 52	112 15 37	102 6.7 65	80 -7.5 46	81 -41 49	107 11.8 60	121 98 44	92 -3.7 48	74 17.1 56	111 -2.2 25	119 21.4 47	94 -2 48	93 -3 47	109 1.24 13	99 -0.42 11	110 0.72 11
AB 220128 94267671	3	CN 170014 AB 190003		116 66	102 69	95 54	111 47	83 43	99 47	92 52	97 48	92 18	103 0.27 73	132 -1.24 57	89 -10 47	102 6.7 69	95 -2.5 54	102 13 57	95 4.7 64	90 -17 51	102 1.0 54	95 1.2 60	79 3.5 26	111 16.6 52	97 0 54	93 -3 53	96 0.20 19	83 -0.97 17	88 -0.02 17
AB 220129 94267689	16	AB 180030 AB 200037		90 65	103 65	84 45	78 32	129 42	103 42	121 46	107 43	110 14	94 1.09 72	91 0.26 56	122 25 32	103 6.8 65	84 -6.3 45	82 -38 47	115 16.7 60	126 119 44	106 3.3 48	101 -3.1 56	146 -8.4 28	110 15.6 50	101 3 48	92 -4 47	110 1.30 14	97 -0.47 13	110 0.73 13
AB 220144 94397940	1	CN 170014 AB 190021		99 69	115 70	105 55	92 46	105 46	112 48	90 53	108 49	101 16	92 1.25 75	144 -1.70 61	108 10 46	115 11.9 70	105 0.8 55	113 41 57	101 8.4 66	85 -33 52	105 2.8 54	117 -15.7 60	95 0.8 31	114 18.3 54	101 2 55	106 9 54	102 0.72 17	103 -0.27 16	90 0.03 15
AB 220152 94397981	3	CN 170014 AB 180088		106 69	125 70	91 55	85 47	109 46	118 48	107 54	117 49	107 19	89 1.58 75	123 -0.93 61	115 18 47	125 16.0 70	91 -4.0 55	105 20 57	119 19.1 66	106 44 53	117 8.6 56	113 -12.6 60	104 -0.8 32	106 13.2 54	106 6 56	107 10 56	111 1.39 20	91 -0.68 18	99 0.35 18
AB 220153 94397999	2	EK 190001 AB 110149		70 65	112 68	103 49	95 31	78 39	83 42	111 56	87 45	108 32	80 2.42 73	77 0.77 54	105 7 31	112 10.8 68	103 0.1 49	110 35 49	116 17.0 64	114 72 53	114 6.9 57	77 15.2 55	85 2.6 23	106 13.7 51	112 10 60	110 13 58	101 0.59 33	115 0.17 30	97 0.28 29
AB 220159 94398047	2	AB 180113 AB 170051		108 66	100 69	93 54	95 45	105 44	99 46	92 52	97 47	100 14	91 1.39 73	123 -0.94 57	105 7 45	100 5.7 69	93 -3.3 54	93 -11 56	96 5.4 65	93 -3 50	85 -7.1 53	110 -10.4 60	99 -0.1 28	119 21.4 52	89 -5 54	100 3 53	98 0.42 15	108 -0.08 14	96 0.25 14
AB 220172 94398153	3	EK 190001 AB 170158		83 67	99 69	113 48	113 32	112 42	116 43	111 52	117 45	108 34	93 1.21 74	82 0.58 57	87 -12 32	99 5.4 69	113 3.3 48	118 53 50	102 9.1 64	114 74 50	117 8.3 54	108 -8.8 55	112 -2.3 28	111 16.6 51	109 8 55	116 19 53	109 1.23 36	95 -0.56 32	97 0.28 31

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
AB 220183	2	AB 180113	AB 180042		105	104	95	88	108	100	86	96	100	89	121	112	104	95	95	98	88	93	106	107	117	93	97	101	118	96
94528965					68	69	53	45	46	47	50	48	10	1.53	-0.84	15	7.4	-2.5	-4	6.5	-22	-3.3	-7.1	-1.4	20.1	-3	1	0.60	0.26	0.26
														74	60	45	69	53	56	63	49	52	59	32	52	52	51	11	10	10
AB 220193	2	AB 180113	AB 120065		101	103	122	70	109	92	116	96	122	91	113	130	103	122	111	107	123	119	103	111	117	130	128	124	114	109
94529047					69	67	55	36	44	44	54	46	10	1.36	-0.55	34	6.9	6.3	36	12.1	105	9.5	-5.1	-2.2	19.7	21	31	2.43	0.14	0.71
														75	62	36	67	55	53	62	52	56	58	30	53	57	55	10	9	9
AB 220203	3	AB 180113	AB 190022		96	124	103	73	118	115	105	114	118	74	126	127	124	103	110	120	106	106	105	122	121	107	116	117	129	108
94633948					68	69	53	45	46	47	50	48	8	2.95	-1.03	31	15.8	0.1	33	19.4	44	3.3	-6.3	-4.1	22.5	6	19	1.84	0.69	0.67
														74	60	45	69	53	56	65	49	52	59	32	52	52	51	9	8	8
AB 220206	2	EK 190001	GN 100178		89	101	113	106	115	116	110	116	107	94	90	94	101	113	116	105	116	108	112	113	108	120	112	106	105	99
94633971					60	67	48	28	30	38	48	40	33	1.07	0.29	-5	5.9	3.4	49	10.4	79	4.2	-11.7	-2.5	14.7	15	15	0.97	-0.18	0.36
														71	47	28	67	48	48	62	46	50	39	21	51	51	49	35	31	30
AB 230022	1	CN 170014	AB 100111		103	116	116	90	84	98	107	99	112	87	121	110	116	116	122	106	103	112	97	80	108	113	115	110	99	95
95474490					67	67	57	40	34	42	52	44	18	1.77	-0.84	12	12.2	4.5	66	11.4	33	5.9	-0.2	3.5	14.4	10	19	1.32	-0.43	0.20
														73	60	40	67	57	55	52	51	54	44	23	54	55	54	19	17	17
AB 230033	14	CIS 180003	CIS 210018		112	109	84	90	113	109	109	110	106	107	109	110	109	84	89	106	110	93	115	107	111	106	106	111	101	107
95474581					63	66	55	40	37	43	48	44	15	-0.14	-0.43	13	9.4	-6.2	-20	11.2	60	-3.2	-13.9	-1.5	16.6	5	10	1.43	-0.35	0.64
														72	51	40	66	55	54	62	47	50	56	18	48	50	50	16	14	14
AB 230040	1	CIS 120008	AB 120123		110	106	99	94	69	78	90	78	99	106	107	106	106	99	101	102	87	115	67	79	112	92	97	97	116	92
95474656					68	71	64	54	44	49	52	50	5	-0.05	-0.35	8	8.1	-1.3	12	9.1	-26	7.3	22.4	3.6	17.0	-3	0	0.28	0.21	0.12
														74	60	54	71	64	63	64	51	54	60	29	56	54	53	5	5	5
AB 230041	5	CN 170014	AB 140046		101	126	151	112	88	134	109	132	120	87	135	88	126	151	149	119	105	119	83	95	110	115	123	125	111	112
95523767					67	71	63	51	44	49	56	50	19	1.78	-1.36	-11	16.8	16.1	135	19.0	41	9.5	10.4	0.7	15.5	12	26	2.49	0.02	0.79
														74	59	51	71	63	62	64	55	58	60	27	54	58	57	20	18	18
AB 230043	4	CIS 180003	AB 090266		97	122	91	82	97	101	114	104	115	97	99	118	122	91	102	118	117	101	85	106	107	119	117	114	128	115
95523783					66	69	61	40	41	45	52	46	14	0.83	-0.03	22	15.0	-3.8	13	18.6	84	0.5	8.7	-1.3	14.1	14	20	1.64	0.63	0.91
														73	57	40	69	61	57	62	50	53	59	23	52	55	53	15	14	14
AB 230051	1	CIS 180003	SS 120009		110	107	105	97	99	106	108	107	107	101	114	103	107	105	110	106	108	113	102	97	109	109	115	110	103	100
95523866					66	69	60	41	36	44	54	46	12	0.41	-0.60	5	8.7	0.8	32	11.2	52	6.6	-4.2	0.3	15.5	8	19	1.30	-0.26	0.38
														73	56	41	69	60	57	62	52	55	56	17	50	57	56	13	11	11
AB 230054	5	CIS 180003	AB 180191		88	112	68	87	103	94	108	96	106	87	97	113	112	68	77	110	107	87	110	97	112	100	106	107	109	97
96771621					65	59	50	31	38	39	52	42	12	1.79	0.04	16	10.9	-11.5	-51	13.5	48	-6.3	-10.1	0.3	17.2	2	9	1.11	-0.03	0.28
														73	55	31	59	50	47	54	51	54	56	21	50	55	54	12	11	10
AB 230055	2	CIS 180003	AB 170010		88	121	97	75	111	105	123	109	120	86	99	125	121	97	104	123	123	108	103	113	111	114	120	121	102	116
96771647					66	59	51	36	40	41	52	43	14	1.88	-0.03	28	14.4	-1.8	18	21.4	105	4.0	-5.1	-2.5	16.6	11	23	2.17	-0.31	0.92
														74	56	36	59	51	49	54	51	54	57	24	50	55	54	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																														
AB 230058	8		CIS 180003		78	131	92	68	91	91	127	97	126	78	93	132	131	92	104	131	126	101	84	99	117	117	127	126	112	117
96771639		AB 130138	67	60	53	39	41	42	56	45	14	2.60	0.17	36	18.6	-3.5	18	25.9	119	56	55	0.7	9.6	0.0	19.8	13	30	2.52	0.07	0.96
AB 230066	3		CIS 180003		82	124	73	67	68	62	117	70	113	88	87	133	124	73	84	123	116	93	61	82	116	106	110	111	109	104
96035548		AB 120001	67	69	60	42	42	46	54	48	16	1.67	0.40	37	15.7	-10.0	-34	21.1	81	62	52	-3.4	27.0	3.1	19.4	6	14	1.36	-0.05	0.52
AB 230067	3		CN 170014		93	105	114	90	79	82	97	83	103	90	101	110	105	114	113	98	94	117	102	69	113	108	112	107	97	97
96035555		AB 180017	67	71	62	50	43	48	56	50	23	1.44	-0.14	13	7.9	3.8	42	6.3	1	64	54	8.7	-3.7	5.4	17.4	7	15	1.10	-0.50	0.27
AB 230068	6		CIS 180003		101	112	72	87	95	92	107	94	108	93	110	113	112	72	81	114	111	96	90	100	117	103	106	110	115	99
96035563		AB 180149	65	69	58	40	40	44	53	46	12	1.16	-0.45	16	10.9	-10.2	-42	16.0	63	64	51	-1.8	4.7	-0.1	20.1	4	9	1.29	0.16	0.37
AB 230080	1		AB 180113		92	125	110	82	91	103	113	105	124	78	114	118	125	110	120	123	116	112	111	79	115	113	125	122	114	108
96035878		AB 180022	65	69	59	47	43	47	50	48	14	2.54	-0.59	21	16.4	2.3	60	21.2	81	63	48	6.0	-11.0	3.5	18.7	10	28	2.24	0.14	0.66
AB 230083	2		CIS 180003		107	108	85	108	86	100	103	100	102	104	106	92	108	85	95	103	99	99	96	84	112	104	110	104	101	100
96035910		AB 160014	66	70	54	39	42	45	54	47	18	0.16	-0.29	-7	9.0	-5.9	-4	9.7	19	65	52	-0.2	0.8	2.8	17.0	4	13	0.87	-0.34	0.40
AB 230085	4		CIS 180003		106	101	81	91	78	74	103	77	104	110	95	109	101	81	82	105	103	88	87	78	110	92	95	105	106	95
96035936		AB 120161	67	69	54	38	40	44	52	46	10	-0.43	0.09	11	6.1	-7.1	-39	10.5	34	64	50	-5.6	7.2	3.8	15.6	-3	-2	0.95	-0.16	0.23
AB 230086	1		CIS 190216		117	108	85	113	109	124	105	122	108	115	108	87	108	85	97	102	106	100	120	99	108	95	104	110	110	99
96035944		AB 100131	66	68	60	45	39	45	41	44	12	-0.85	-0.38	-11	9.0	-5.9	0	8.9	44	60	38	0.4	-18.0	0.1	14.5	-1	8	1.35	-0.01	0.36
AB 230087	2		CIS 190216		87	115	99	93	79	89	108	91	106	85	99	107	115	99	108	118	107	99	86	80	108	89	99	106	100	103
96035951		AB 130080	65	65	49	37	42	43	44	43	16	1.95	-0.03	9	11.9	-1.2	29	18.2	49	62	42	-0.5	8.0	3.4	14.5	-5	2	0.99	-0.36	0.50
AB 230089	3		CIS 180003		103	100	90	100	93	92	109	95	102	103	99	100	100	90	92	101	110	93	94	95	110	104	101	104	98	100
96035977		AB 190003	62	69	51	42	41	44	51	45	12	0.20	-0.04	2	5.6	-4.1	-14	8.5	57	64	49	-3.0	1.8	0.8	15.8	4	4	0.88	-0.45	0.39
AB 230090	6		CIS 180003		100	117	87	83	91	92	120	97	117	101	97	117	117	87	95	118	120	97	87	97	116	108	116	118	107	109
96035985		AB 200061	64	68	48	36	41	43	51	45	12	0.43	0.01	20	12.8	-5.2	-4	18.6	94	64	49	-1.2	7.6	0.4	19.2	7	19	1.90	-0.12	0.70
AB 230093	5		AB 200047		101	101	101	88	103	93	105	95	100	102	98	112	101	101	98	110	110	78	100	103	106	90	100	96	101	100
96036017		AB 210009	58	67	46	38	38	42	46	43	14	0.33	0.01	14	5.9	-0.7	2	13.6	57	62	44	-10.7	-2.7	-0.8	13.6	-5	3	0.26	-0.34	0.40

Breeding Values and Accuracies: Cows & Heifers

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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																											
AB 230096 96036041	4	CIS 180003 AB 180084	96 63	99 69	86 53	111 42	84 33	90 42	105 51	92 44	98 16	97 0.76 73	97 0.04 50	89 -10 42	99 5.4 69	86 -5.5 53	91 -16 55	103 9.6 64	105 41 50	87 -6.2 52	86 8.1 45	87 2.2 21	110 15.6 50	101 2 53	98 1 52	103 0.74 17	98 -0.43 15	101 0.41 15	
AB 230099 96036074	3	AB 190123 CIS 150028	84 64	112 67	74 47	102 29	98 36	101 40	98 44	100 41	97 16	81 2.32 73	98 0.01 53	98 0 29	112 10.8 67	74 -9.5 47	87 -27 48	111 14.0 60	103 34 43	95 -2.4 46	102 -4.1 54	95 0.7 18	105 12.9 50	94 -2 47	89 -7 46	97 0.34 16	101 -0.34 15	93 0.14 14	
AB 230114 96036165	5	CIS 190216 AB 170106	116 61	107 65	84 48	87 35	123 36	113 40	104 40	112 40	109 10	114 -0.78 71	107 -0.34 48	113 16 35	107 8.5 65	84 -6.3 48	87 -26 49	104 10.3 61	108 52 38	97 -1.1 42	130 -25.1 55	111 -2.2 18	105 12.7 48	89 -5 42	103 6 41	112 1.43 11	114 0.12 10	96 0.26 10	
AB 230116 96035894	6	CIS 190216 AB 190045	113 64	105 67	81 49	84 37	100 40	91 43	100 44	91 43	103 14	95 0.95 72	126 -1.05 53	116 19 37	105 7.9 67	81 -7.1 49	83 -36 51	104 9.8 62	103 31 42	99 -0.4 46	106 -7.1 58	95 0.7 21	110 16.0 48	85 -8 47	98 1 46	107 1.07 14	107 -0.13 13	97 0.30 13	
AB 230117 96036173	7	CIS 190216 AB 160103	109 64	104 67	75 58	78 43	126 40	103 44	102 46	103 44	104 14	104 0.17 72	109 -0.40 54	122 25 43	104 7.2 67	75 -9.3 58	75 -56 56	102 9.0 62	105 40 44	92 -3.8 48	140 -32.6 57	109 -1.8 22	110 15.8 49	84 -9 49	97 0 47	108 1.16 14	109 -0.04 13	101 0.43 12	
AB 230122 96036207	6	CIS 180003 AB 190065	101 65	111 68	75 50	73 42	101 41	85 44	110 52	89 46	108 12	96 0.89 73	106 -0.31 54	127 30 42	111 10.4 68	75 -9.3 50	79 -46 53	111 14.3 64	111 62 50	93 -3.2 53	107 -7.7 59	96 0.4 23	109 14.9 50	106 6 54	106 9 53	111 1.41 12	109 -0.06 11	99 0.34 11	
AB 230123 96036215	3	CIS 190216 AB 190022	120 64	109 68	97 58	83 49	123 40	117 46	105 42	116 45	112 12	108 -0.20 72	121 -0.86 54	117 20 49	109 9.5 68	97 -1.8 58	99 5 58	103 9.5 64	107 46 41	109 4.4 45	123 -20.2 58	116 -3.1 23	115 19.0 48	97 0 46	109 12 44	113 1.57 12	123 0.45 11	105 0.55 10	
AB 230125 96036231	3	CIS 190216 AB 130046	118 65	96 64	77 51	99 35	113 32	104 40	104 45	104 41	103 14	121 -1.48 72	101 -0.12 55	101 3 35	96 4.0 64	77 -8.4 51	77 -52 50	95 4.8 59	105 39 43	90 -4.6 48	115 -13.8 43	108 -1.7 22	107 14.2 48	91 -4 49	94 -3 47	106 1.04 15	112 0.06 13	103 0.49 13	
AB 230131 96314893	7	CIS 190216 AB 160021	94 62	109 68	89 52	92 41	111 40	106 44	100 48	105 45	105 14	94 1.11 72	98 0.01 50	108 10 41	109 9.3 68	89 -4.5 52	94 -6 54	113 15.2 63	105 41 45	92 -3.6 50	111 -10.9 57	107 -1.5 24	110 15.7 49	90 -4 51	104 7 49	111 1.36 14	113 0.10 13	101 0.44 12	
AB 230133 96314919	3	AB 190123 AB 200170	94 62	117 66	90 45	103 37	80 38	98 42	109 50	100 44	108 12	80 2.40 72	115 -0.64 50	97 -1 37	117 12.9 66	90 -4.4 45	105 20 49	113 15.4 60	113 68 47	113 6.4 51	80 12.9 56	86 2.4 20	106 13.2 49	103 4 52	104 8 51	108 1.17 13	95 -0.55 11	102 0.44 11	
AB 230140 96314968	5	CIS 180003 AB 190035	84 64	116 67	88 49	71 39	103 41	89 43	110 52	92 45	111 14	82 2.17 73	96 0.06 53	129 32 39	116 12.6 67	88 -5.0 49	92 -12 52	115 16.8 64	112 64 50	95 -2.4 53	99 -1.6 59	105 -1.2 23	108 14.3 50	101 3 54	109 12 53	111 1.39 15	112 0.07 14	99 0.37 13	
AB 230143 96314992	3	AB 200047 AB 210070	95 61	111 65	112 42	94 31	68 38	81 40	115 46	86 41	110 12	90 1.47 71	104 -0.23 49	106 8 31	111 10.2 65	112 3.2 42	117 52 46	116 17.2 62	117 85 45	92 -3.7 49	66 23.1 55	78 3.9 21	110 15.9 45	104 5 50	113 16 48	108 1.14 13	87 -0.85 12	104 0.52 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																											
AB 230149 96315031	2	AB 190123 AB 170009	90 64	109 69	97 49	104 36	80 40	92 43	110 52	95 45	104 16	81 2.27 73	107 -0.33 52	96 -2 36	109 9.6 69	97 -1.8 49	107 25 51	114 15.7 64	116 79 50	104 2.4 54	83 10.5 57	84 2.7 24	111 16.5 50	109 7 55	106 9 54	104 0.88 17	99 -0.39 15	99 0.36 15	
AB 230161 96315148	17	CIS 180003 CIS 190111	110 65	112 69	79 49	94 36	90 38	96 43	114 50	99 44	113 13	106 -0.06 73	108 -0.36 54	106 8 36	112 10.8 69	79 -7.7 49	89 -21 51	110 13.6 66	116 79 48	101 0.7 51	91 4.3 57	92 1.2 20	115 18.7 49	106 5 52	110 13 51	114 1.65 14	121 0.40 12	105 0.55 12	
AB 230167 96315197	2	AB 190123 AB 180026	112 65	103 69	91 50	110 42	74 42	90 45	92 50	89 46	93 16	95 1.02 73	128 -1.10 54	90 -9 42	103 6.7 69	91 -3.8 50	98 3 54	101 8.1 62	97 12 49	99 -0.1 53	71 19.4 57	84 2.8 26	111 16.4 50	99 1 53	94 -2 52	97 0.27 17	102 -0.29 16	95 0.20 15	
AB 230171 96315221	1	CIS 190216 AB 190054	104 63	108 67	80 56	106 47	109 39	114 45	94 40	111 44	101 10	99 0.63 71	108 -0.36 52	94 -4 47	108 8.9 67	80 -7.5 56	90 -19 57	102 8.7 62	96 8 39	99 -0.2 42	115 -13.8 57	102 -0.5 21	109 14.9 47	89 -5 43	99 2 42	103 0.78 10	114 0.14 9	95 0.22 9	
AB 230179 96315288	1	AB 190123 AB 120065	94 65	106 67	121 51	83 31	98 38	94 41	118 53	98 43	116 10	85 1.95 73	109 -0.41 54	117 20 31	106 8.2 67	121 6.0 51	117 51 50	115 16.4 61	127 121 50	126 12.9 55	91 4.2 56	104 -0.9 21	111 16.1 50	130 21 56	118 22 54	119 1.99 11	106 -0.16 10	103 0.49 10	
AB 240001 97415251	2	AB 200047 AB 210121	93 56	102 66	118 43	100 35	103 28	106 38	115 44	108 39	110 17	97 0.83 70	93 0.18 38	100 1 35	102 6.5 66	118 5.2 43	119 57 48	112 14.5 48	120 96 43	94 -2.7 47	101 -3.7 38	104 -0.9 18	112 17.3 42	108 7 47	113 16 46	105 0.89 18	100 -0.39 16	99 0.34 16	
AB 240002 97415269	3	AB 200047 AB 210084	103 56	104 65	97 42	102 33	79 28	88 37	102 46	90 39	97 14	102 0.32 70	101 -0.13 39	98 0 33	104 7.4 65	97 -1.8 42	102 13 47	107 11.9 44	102 30 44	83 -8.1 47	88 6.2 36	78 3.7 19	107 13.9 44	102 3 48	104 7 47	97 0.29 14	90 -0.73 13	96 0.24 13	
AB 240004 97415285	2	CIS 180003 AB 180219	108 62	102 69	73 50	92 35	106 36	95 42	100 51	96 44	95 16	104 0.16 72	106 -0.32 49	108 11 35	102 6.6 69	73 -9.8 50	75 -55 51	108 12.3 54	103 34 50	88 -5.7 52	94 2.0 48	112 -2.4 23	107 14.2 49	90 -4 53	89 -8 52	96 0.22 16	104 -0.24 15	96 0.23 15	
AB 240007 97415319	2	AB 200123 AB 130141	81 62	96 68	100 51	96 40	81 31	73 41	100 52	76 43	97 16	87 1.75 73	86 0.43 47	104 6 40	96 4.1 68	100 -0.8 51	97 0 53	98 6.8 48	100 20 49	100 0.4 54	84 9.2 38	83 2.8 24	114 17.9 48	90 -4 55	94 -3 53	97 0.32 17	93 -0.63 15	99 0.36 15	
AB 240013 97415368	1	CIS 180003 AB 160056	77 64	105 69	93 53	89 40	92 36	82 43	96 54	83 45	100 22	86 1.87 73	81 0.63 52	111 14 40	105 7.7 69	93 -3.3 53	94 -8 54	107 11.6 54	100 20 52	84 -7.5 55	96 0.4 48	91 1.5 25	110 15.9 50	95 -2 56	101 5 55	98 0.38 23	109 -0.03 21	96 0.24 21	
AB 240018 97415418	2	AB 200047 AB 210141	96 56	85 66	106 42	110 32	89 29	84 37	96 46	85 39	91 19	107 -0.11 70	85 0.48 38	90 -9 32	85 -0.5 66	106 1.2 42	99 6 47	96 5.3 48	104 35 43	70 -14.1 48	96 0.9 39	87 2.2 19	106 13.1 44	94 -2 48	93 -4 47	95 0.16 20	79 -1.11 18	108 0.66 18	
AB 240021 97415442	1	AB 200123 SS 120020	87 59	112 67	104 49	87 26	92 24	93 36	95 48	92 38	106 12	84 2.03 71	99 -0.06 44	113 15 26	112 10.9 67	104 0.5 49	108 30 47	105 10.4 46	98 14 45	102 1.2 48	96 0.8 30	92 1.3 17	108 14.8 47	95 -1 51	109 12 49	105 0.90 12	106 -0.14 11	103 0.47 10	

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				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
AB 240023	9	AB 200047	80	114	105	95	84	92	110	95	106	79	94	105	114	105	113	121	112	85	89	84	110	101	109	104	92	101	
97415459		AB 210081	56	66	43	32	29	37	46	39	12	2.52	0.12	8	11.7	0.6	42	19.8	66	-7.0	5.8	2.6	15.7	3	13	0.84	-0.68	0.42	
													70	39	32	66	43	47	48	45	48	37	21	44	49	48	13	11	11
AB 240034		AB 200123	94	105	101	82	93	84	96	84	105	92	101	118	105	101	99	100	94	98	94	93	112	86	101	102	113	100	
97415574		SS 120029	59	67	50	20	20	33	47	36	8	1.31	-0.10	21	7.7	-0.7	5	7.7	-2	-1.0	1.9	1.0	17.2	-7	5	0.67	0.10	0.40	
												71	44	20	67	50	46	44	45	50	25	14	42	51	49	9	8	8	
AB 240052	3	CIS 180003	93	115	94	91	79	87	119	92	115	94	97	109	115	94	103	113	116	116	87	78	116	111	119	115	104	104	
97965735		AB 150077	63	70	53	40	36	43	54	45	16	1.13	0.04	11	11.9	-2.8	16	15.4	80	8.1	7.1	3.7	19.5	9	22	1.72	-0.24	0.52	
												73	51	40	70	53	54	65	52	55	48	24	51	56	55	17	15	15	
AB 240060	5	AB 200123	81	121	92	76	100	95	126	101	124	76	100	124	121	92	100	115	133	119	90	107	114	115	117	124	108	119	
97965693		AB 180051	59	68	47	34	30	39	50	41	14	2.78	-0.09	27	14.4	-3.5	9	16.7	142	9.4	5.0	-1.5	18.4	11	21	2.39	-0.08	1.02	
												72	43	34	68	47	50	62	48	52	38	23	48	52	51	14	13	12	
AB 240062	2	AB 200123	84	104	108	97	76	79	98	81	106	86	92	103	104	108	109	104	99	108	81	79	119	92	100	106	100	106	
97965701		AB 200038	59	69	48	37	31	40	48	42	16	1.82	0.21	5	7.2	1.6	31	9.9	19	4.0	12.1	3.6	21.1	-3	3	1.04	-0.36	0.58	
												72	43	37	69	48	51	63	46	50	38	24	48	52	51	17	16	15	
AB 240065	8	AB 210042	115	118	85	75	93	92	121	97	125	104	118	125	118	85	93	114	126	105	97	92	115	109	120	121	106	110	
97965834		AB 220040	56	65	41	32	30	37	44	38	10	0.13	-0.76	29	13.5	-5.8	-11	15.7	117	2.8	-0.5	1.3	18.5	8	23	2.18	-0.16	0.74	
												69	39	32	65	41	46	60	42	46	38	21	43	47	46	10	9	9	
AB 240070	2	AB 200153	97	108	99	98	86	93	109	96	112	91	106	102	108	99	105	110	113	97	93	85	118	92	109	113	97	105	
97965800		AB 160008	61	69	50	39	32	41	51	43	16	1.36	-0.30	4	9.0	-1.1	21	13.5	70	-1.2	2.5	2.6	20.7	-3	12	1.57	-0.47	0.54	
												72	46	39	69	50	53	62	49	53	39	25	48	54	52	17	15	15	
AB 240071	14	CIS 120008	121	92	96	125	79	97	86	94	92	112	117	75	92	96	101	84	82	103	83	82	113	95	94	89	112	92	
97965925		AB 200095	62	69	53	46	38	45	51	46	6	-0.62	-0.72	-25	2.4	-2.2	10	-1.6	-45	1.7	10.7	3.1	17.9	-2	-3	-0.31	0.06	0.11	
												72	50	46	69	53	56	64	50	52	47	28	53	54	53	6	6	6	
AB 240073	8	CIS 180003	104	111	94	104	106	116	111	117	110	98	109	96	111	94	105	108	109	95	105	105	112	109	113	113	114	107	
97965826		AB 140006	63	69	53	37	32	41	54	44	14	0.70	-0.40	-2	10.2	-2.7	21	12.3	53	-2.2	-6.7	-1.0	17.2	8	17	1.58	0.12	0.64	
												73	51	37	69	53	53	64	53	56	44	20	51	57	56	14	13	13	
AB 240074	5	CIS 190216	99	122	82	74	111	104	120	108	120	89	111	126	122	82	92	116	121	106	108	110	116	99	111	121	113	108	
97965891		AB 200002	60	67	48	38	32	40	42	40	12	1.59	-0.50	30	14.9	-6.7	-12	17.0	100	3.2	-8.9	-1.9	19.4	1	14	2.14	0.11	0.67	
												71	45	38	67	48	51	62	41	44	44	20	46	45	44	13	12	12	
AB 240076	8	AB 200123	94	119	96	77	99	97	111	99	118	81	113	123	119	96	103	115	115	115	98	99	118	106	116	116	119	108	
97965867		AB 180149	60	68	48	29	29	38	50	40	10	2.28	-0.57	26	13.7	-2.1	15	16.4	77	7.5	-1.3	0.0	20.9	6	19	1.76	0.31	0.66	
												72	44	29	68	48	48	62	48	52	37	21	47	53	52	11	10	10	
AB 240078	2	CIS 180003	78	113	83	85	93	86	106	89	108	90	77	115	113	83	90	116	107	87	89	97	109	106	111	107	112	106	
97965883		AB 160160	63	70	53	40	36	43	54	45	22	1.45	0.77	18	11.2	-6.6	-18	17.2	46	-6.0	5.7	0.3	15.4	6	14	1.11	0.08	0.58	
												73	51	40	70	53	54	65	52	55	47	25	51	56	55	23	22	21	

Breeding Values and Accuracies: Cows & Heifers

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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																											
AB 240080 97965917	9	AB 200123 AB 170066	82 60	109 69	107 50	97 35	84 32	90 40	108 48	93 42	110 17	82 2.21 72	94 0.13 45	103 5 35	109 9.6 69	107 1.5 50	113 41 51	94 4.0 63	106 43 47	118 8.8 50	90 4.9 39	83 2.8 25	115 18.6 49	110 8 51	117 20 50	108 1.14 18	107 -0.13 16	107 0.62 16	
AB 240082 98033145	1	CIS 180003 AB 190021	99 63	121 69	99 52	76 41	107 36	106 43	112 52	108 45	117 10	88 1.69 73	113 -0.56 50	124 27 41	121 14.7 69	99 -1.2 52	106 24 54	117 17.8 66	111 62 50	103 1.5 53	100 -2.3 48	110 -1.9 23	118 20.8 49	114 11 54	120 23 53	117 1.86 11	119 0.31 10	105 0.55 10	
AB 240084 98033152	5	AB 200123 AB 210009	87 58	123 69	100 47	63 39	108 30	97 40	112 48	99 42	119 14	84 2.07 72	100 -0.07 41	137 41 39	123 15.5 69	100 -0.9 47	104 18 52	123 21.3 63	113 69 47	112 6.1 50	104 -5.3 37	109 -1.8 22	121 22.3 46	102 3 51	118 21 50	116 1.75 15	117 0.25 14	113 0.82 14	
AB 240086 98033178	5	AB 180113 AB 200016	113 62	117 68	92 51	80 43	97 38	99 44	109 50	101 45	119 8	99 0.58 72	131 -1.23 49	120 23 43	117 13.0 68	92 -3.6 51	99 5 54	113 15.3 64	110 58 49	101 0.5 52	86 8.3 48	106 -1.2 27	120 21.7 50	107 6 54	115 18 53	118 1.92 8	123 0.46 8	108 0.67 7	
AB 240088 98033194	2	AB 180113 AB 200056	103 62	116 68	86 50	82 42	94 37	94 43	97 50	94 44	112 12	89 1.54 72	117 -0.72 48	118 21 42	116 12.4 68	86 -5.5 50	94 -8 53	113 15.2 64	99 20 49	101 0.6 51	90 5.1 47	99 0.1 27	116 19.5 50	100 2 52	111 15 51	111 1.39 12	122 0.42 11	105 0.56 11	
AB 240093 98033244	3	AB 200123 AB 190002	96 59	100 69	87 48	98 39	88 30	84 40	97 46	85 41	96 13	91 1.33 72	103 -0.20 42	102 4 39	100 5.5 69	87 -5.3 48	88 -24 52	100 8.0 62	99 19 45	98 -0.9 48	94 2.3 36	87 2.1 23	119 21.4 46	93 -3 50	96 -1 48	96 0.25 14	94 -0.58 12	99 0.35 12	
AB 240096 98033293	14	AB 200153 AB 130138	95 62	126 69	89 50	73 38	106 32	104 41	119 52	108 43	124 12	89 1.54 73	106 -0.28 47	127 31 38	126 16.4 69	89 -4.5 50	100 8 52	124 22.1 62	120 95 51	91 -4.3 55	99 -2.1 41	109 -1.7 24	121 22.4 50	102 3 55	119 22 54	123 2.31 13	113 0.08 12	117 0.98 12	
AB 240103 98033335	2	AB 190123 AB 160014	108 62	106 69	81 51	113 39	78 34	95 42	98 50	94 44	99 16	92 1.30 73	130 -1.18 48	87 -12 39	106 8.1 69	81 -7.2 51	92 -13 53	97 6.2 62	98 16 49	104 2.2 53	88 6.2 44	77 3.9 25	114 18.2 50	97 0 53	98 1 52	99 0.47 17	99 -0.42 16	95 0.21 15	
AB 240106 98033343	3	AB 200153 AB 190124	90 58	142 68	93 47	77 36	110 29	126 39	119 50	127 41	131 12	73 3.06 71	118 -0.74 42	123 26 36	142 23.5 68	93 -3.1 47	116 48 50	143 33.0 62	124 109 47	104 2.0 51	107 -7.9 37	109 -1.8 21	116 19.5 46	111 9 52	127 30 51	133 3.14 12	117 0.26 11	112 0.79 11	
AB 240109 98033368	2	AB 200123 AB 210096	95 57	96 67	93 45	93 36	91 28	80 38	90 42	80 39	94 14	97 0.76 71	94 0.14 40	107 10 36	96 4.0 67	93 -3.3 45	89 -21 49	96 5.2 60	91 -11 41	96 -1.9 44	89 5.9 35	95 0.8 22	120 21.8 45	89 -5 45	95 -1 44	94 0.07 14	96 -0.53 13	99 0.34 12	
AB 240110 98033376	8	AB 200153 AB 180084	92 60	120 67	82 49	105 41	91 28	110 40	111 48	111 42	111 15	87 1.74 72	103 -0.19 45	95 -4 41	120 14.3 67	82 -6.7 49	101 12 52	128 24.2 62	112 67 46	89 -4.9 49	87 7.5 35	97 0.4 21	117 20.1 48	99 1 50	105 8 49	114 1.61 16	102 -0.28 14	109 0.70 14	
AB 240111 98033384	3	CIS 180003 AB 180122	84 62	110 69	102 51	101 36	77 35	88 42	114 52	92 44	107 14	91 1.36 73	85 0.45 49	99 1 36	110 10.0 69	102 -0.3 51	110 34 52	118 18.4 64	114 73 50	100 0.4 53	96 0.2 47	70 5.2 23	115 19.1 48	107 6 54	106 10 53	107 1.12 14	104 -0.23 13	106 0.58 12	

Breeding Values and Accuracies: Cows & Heifers

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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																											
AB 240118 98089055	<u>9</u>	AB 200123 AB 190168	79 59	132 69	111 48	69 36	104 30	106 40	119 49	109 42	126 14	72 3.15 72	101 -0.13 43	131 35 36	132 19.2 69	111 2.8 48	120 60 51	133 27.3 62	120 97 47	121 10.5 51	101 -3.4 38	104 -0.9 23	118 20.7 47	114 11 51	130 33 50	121 2.19 14	122 0.41 13	112 0.79 13	
AB 240126 98089139	5	AB 200123 AB 180088	79 60	144 69	91 49	57 40	109 32	109 41	138 50	116 43	137 14	69 3.47 72	103 -0.21 44	143 48 40	144 24.3 69	91 -3.8 49	108 29 53	145 34.4 62	140 167 48	138 18.5 52	95 1.1 39	117 -3.2 24	115 18.6 48	126 19 53	135 39 52	136 3.32 14	113 0.09 13	125 1.25 12	
AB 240128 98089154	1	AB 180113 AB 180194	103 62	116 69	71 52	79 37	121 37	110 42	103 51	109 44	108 14	86 1.88 72	123 -0.92 50	121 24 37	116 12.4 69	71 -10.4 52	80 -43 53	121 20.2 64	106 45 49	97 -1.1 53	115 -14.0 47	120 -3.8 27	113 17.8 51	94 -2 53	98 1 52	109 1.26 14	106 -0.14 13	102 0.47 13	
AB 240129 98089162	4	AB 200153 CIS 160027	86 60	137 67	86 47	83 29	103 28	118 37	120 46	120 39	125 16	74 2.99 72	111 -0.49 44	117 20 29	137 21.3 67	86 -5.6 47	108 29 48	132 26.8 60	122 103 44	108 3.9 46	88 6.5 34	113 -2.6 21	114 18.2 46	106 6 49	118 21 47	123 2.34 17	121 0.39 16	112 0.81 15	
AB 240131 98089170	2	AB 200153 AB 170051	100 61	103 69	93 50	103 42	107 32	108 42	98 50	106 44	103 16	96 0.85 72	104 -0.24 46	97 -1 42	103 6.9 69	93 -3.3 50	97 0 54	105 10.7 62	98 15 48	82 -8.3 52	109 -9.1 39	104 -0.9 24	119 21.5 48	86 -7 52	100 4 51	102 0.66 16	104 -0.23 15	99 0.36 14	
AB 240134 98089204	3	CIS 180003 AB 190022	95 63	128 69	102 52	75 43	108 36	112 43	119 52	115 45	123 12	83 2.09 73	112 -0.53 50	125 29 43	128 17.6 69	102 -0.3 52	113 40 55	128 24.2 66	118 89 50	115 7.6 53	98 -1.2 48	112 -2.4 23	117 20.1 50	120 15 54	125 29 53	123 2.36 12	125 0.54 11	112 0.78 10	
AB 240136 98089212	1	AB 180113 AB 160117	78 63	135 68	96 52	68 44	110 32	109 42	126 50	113 44	135 10	69 3.44 72	102 -0.15 51	132 36 44	135 20.3 68	96 -2.3 52	109 31 55	130 25.6 63	128 125 49	114 7.2 53	103 -5.0 40	111 -2.2 23	115 18.7 50	119 14 53	130 34 52	131 2.93 11	111 0.03 10	118 1.01 10	
AB 240141 98350523	4	AB 210042 AB 210166	98 57	99 65	108 46	114 37	76 30	91 39	104 46	92 40	102 14	99 0.63 69	98 0.00 42	86 -12 37	99 5.2 65	108 1.8 46	113 42 49	113 15.2 60	101 26 44	90 -4.8 48	68 21.6 37	89 1.9 23	112 16.8 46	86 -7 49	89 -8 48	97 0.29 15	91 -0.70 14	104 0.51 13	
AB 240146 98350564	2	CIS 180003 AB 170009	80 63	118 70	99 52	91 36	84 36	92 42	126 54	98 44	120 17	85 1.97 73	88 0.37 50	109 12 36	118 13.3 70	99 -1.4 52	109 31 53	116 16.9 66	127 121 53	110 4.8 56	80 12.3 48	91 1.5 25	113 17.8 51	125 18 57	130 33 56	120 2.13 18	105 -0.21 16	111 0.76 16	
AB 240152 98350614	3	AB 200123 AB 130104	92 62	105 58	83 51	86 36	89 31	79 38	99 48	81 40	99 18	89 1.54 73	100 -0.08 47	114 17 36	105 7.8 58	83 -6.4 51	85 -30 48	103 9.6 49	96 6 46	96 -1.7 50	86 8.4 38	94 0.9 24	114 18.2 50	92 -3 51	97 0 50	99 0.49 19	99 -0.42 18	113 0.83 17	
AB 250013 98702657	4	AB 190123 AB 210050	95 58	109 56	89 43	107 35	96 32	106 37	97 48	104 39	97 13	85 1.96 70	110 -0.45 43	93 -5 35	109 9.6 56	89 -4.5 43	100 8 45	111 14.2 50	105 39 46	97 -1.1 50	96 0.4 42	98 0.3 22	104 12.3 45	102 3 51	93 -4 50	99 0.47 14	107 -0.12 12	100 0.38 12	
AB 250023 6020242019	<u>9</u>	AB 220080 AB 220183	114 58	108 52	99 39	94 33	91 30	97 34	98 45	97 36	110 8	103 0.25 71	117 -0.72 41	106 8 33	108 8.8 52	99 -1.3 39	103 15 41	100 7.6 44	100 20 43	108 4.2 47	90 5.3 39	94 0.8 22	112 17.1 40	104 5 48	107 10 46	109 1.26 9	117 0.25 8	103 0.50 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
AB 250027 98934227	16	AB 220030 AB 220128	124 56	94 49	93 39	107 33	80 29	88 33	98 44	88 35	98 14	114 -0.79 69	119 -0.79 40	93 -6 33	94 3.3 49	93 -3.1 39	93 -11 40	91 2.5 44	98 13 42	106 3.3 46	91 4.1 39	78 3.8 19	109 15.1 38	95 -1 47	95 -2 45	101 0.63 14	80 -1.10 13	90 0.04 13
AB 250028 98934235	2	AB 220030 AB 220129	100 56	100 47	88 36	91 29	105 28	93 32	112 42	96 34	107 12	100 0.50 69	99 -0.06 40	109 12 29	100 5.5 47	88 -4.7 36	87 -25 37	106 11.2 42	116 81 40	109 4.4 44	94 1.9 37	111 -2.2 20	108 14.6 38	98 0 45	94 -2 44	108 1.18 13	87 -0.85 12	101 0.42 12
AB 250029 98934243	3	AB 190123 AB 160113	92 61	103 57	89 48	110 39	84 33	93 38	99 49	93 40	97 12	84 2.05 72	108 -0.38 47	90 -9 39	103 6.9 57	89 -4.7 48	96 -3 48	102 8.7 50	102 28 47	92 -3.5 51	97 0.0 43	80 3.4 23	113 17.9 46	101 2 52	91 -6 50	100 0.50 13	102 -0.29 11	97 0.28 11
AB 250030 98934250	3	CIS 180003 AB 130046	108 64	104 59	79 53	97 36	104 34	101 39	108 54	102 42	103 14	108 -0.29 73	102 -0.14 52	103 5 36	104 7.2 59	79 -7.9 53	83 -36 49	101 8.5 54	106 45 51	87 -6.1 55	102 -3.9 46	105 -1.1 22	105 12.9 48	104 5 56	99 2 55	106 1.00 15	111 0.04 13	104 0.52 13
AB 250031 98934268	4	CIS 180003 AB 090266	99 63	110 58	97 54	86 31	93 36	92 38	109 52	94 41	110 14	102 0.34 72	95 0.08 52	114 17 31	110 10.1 58	97 -2.0 54	100 8 48	109 12.8 52	112 66 50	96 -1.8 53	82 11.2 48	102 -0.6 23	102 11.1 50	114 11 55	111 15 53	109 1.25 15	126 0.58 14	113 0.82 14
AB 250032 98934276	2	AB 220030 AB 220203	97 57	115 49	99 39	88 33	98 30	101 34	104 44	101 36	111 12	82 2.18 69	117 -0.72 41	112 15 33	115 11.8 49	99 -1.3 39	105 22 40	112 14.9 44	106 43 42	109 4.4 46	96 0.3 38	99 0.0 21	114 18.1 38	101 2 46	106 9 45	112 1.45 12	103 -0.27 11	100 0.39 10
AB 250035 98979784	1	CIS 180003 AB 160070	97 64	110 60	84 53	89 43	92 35	90 41	105 56	92 44	104 16	90 1.46 73	108 -0.37 52	111 14 43	110 9.9 60	84 -6.3 53	90 -18 52	110 13.8 55	105 39 53	85 -7.1 57	90 4.7 46	96 0.6 24	111 16.7 49	100 2 58	101 4 57	106 1.00 16	103 -0.28 15	100 0.39 14
AB 250036 98979792	13	AB 190123 AB 170106	89 61	120 56	85 46	90 34	102 28	106 36	104 46	106 38	108 8	70 3.31 72	119 -0.78 46	110 13 34	120 14.0 56	85 -5.7 46	98 3 45	118 18.1 50	110 60 45	101 0.6 48	104 -5.6 38	100 -0.2 18	104 12.2 46	98 1 49	98 1 48	108 1.16 9	112 0.05 8	93 0.13 8
AB 250040 98979834	6	CIS 180003 AB 190030	117 62	110 58	87 47	79 34	91 34	87 38	115 52	91 41	118 12	103 0.26 73	122 -0.89 49	121 24 34	110 10.1 58	87 -5.2 47	90 -18 46	107 11.8 54	117 83 51	104 2.2 54	81 12.0 47	101 -0.3 20	107 14.1 48	114 11 55	116 19 54	120 2.07 13	122 0.42 12	109 0.70 12
AB 250041 99049918	5	CIS 180003 AB 210124	96 61	120 58	78 46	84 35	102 32	101 38	106 50	102 40	110 12	85 1.90 72	111 -0.48 46	116 19 35	120 14.1 58	78 -8.3 46	90 -18 46	115 16.3 54	106 44 49	99 -0.1 51	105 -6.6 46	99 0.1 19	107 14.1 45	106 6 52	111 14 52	113 1.53 13	105 -0.18 12	96 0.26 12
AB 250043 99049934	2	AB 190123 AB 210091	86 59	117 56	91 41	99 32	93 30	103 35	98 49	102 38	101 12	68 3.54 72	115 -0.64 43	101 3 32	117 12.9 56	91 -3.8 41	105 20 43	115 16.7 51	102 30 47	99 -0.1 51	102 -3.7 42	88 1.9 19	112 17.1 44	102 3 51	98 1 50	104 0.88 12	102 -0.31 11	92 0.12 11
AB 250045 99049959	2	CIS 180003 AB 170137	100 63	103 59	89 50	85 33	118 35	103 39	111 56	104 42	109 16	101 0.44 73	99 -0.04 50	115 18 33	103 7.0 59	89 -4.7 50	88 -23 47	109 13.0 55	113 71 54	103 1.5 57	106 -6.9 47	122 -4.2 23	106 13.5 48	101 3 58	108 11 57	109 1.25 17	109 -0.03 16	106 0.58 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
AB 250047 99049975	4	AB 210150 AB 200061		91 58	123 48	95 40	81 34	92 29	96 33	114 44	100 35	120 14	90 1.42 71	97 0.01 41	119 22 34	123 15.2 48	95 -2.6 40	105 21 41	123 21.1 44	118 86 41	110 5.1 46	88 6.5 37	96 0.5 21	117 19.8 38	104 4 47	113 16 45	115 1.68 15	116 0.20 13	108 0.66 13
AB 250048 99049983		CIS 180003 SS 120029		101 62	102 56	91 52	87 24	98 26	87 34	100 50	88 37	103 10	99 0.58 71	102 -0.15 50	113 16 24	102 6.3 56	91 -4.0 52	89 -20 44	102 9.0 50	97 11 48	85 -6.9 52	98 -0.8 38	99 0.0 14	105 12.9 44	90 -5 53	99 3 52	103 0.77 10	111 0.03 9	96 0.24 9
AB 250049 99049991	1	AB 210150 AB 130146		91 60	114 48	111 47	82 37	93 30	93 35	124 48	99 38	127 17	96 0.91 71	91 0.25 46	118 21 37	114 11.4 48	111 2.6 47	113 41 44	121 19.9 41	130 134 45	125 12.5 50	94 1.9 37	94 0.9 24	112 17.0 43	114 11 51	120 23 49	123 2.37 18	108 -0.10 16	108 0.67 15
AB 250051 99050015	4	AB 220030 AB 220121		116 55	97 48	86 37	96 30	86 28	83 32	111 42	86 34	107 12	114 -0.82 69	107 -0.32 38	104 6 30	97 4.3 48	86 -5.5 37	84 -32 38	99 7.3 42	113 70 40	102 1.0 44	81 12.0 37	94 0.9 19	113 17.5 37	94 -2 45	95 -2 44	108 1.15 13	87 -0.83 11	101 0.42 11
AB 250056 99050031	4	CIS 180003 AB 120123		102 64	109 60	98 54	82 41	92 36	88 41	115 50	92 43	113 10	104 0.12 73	97 0.04 53	118 21 41	109 9.7 60	98 -1.6 54	99 7 52	113 15.5 55	115 75 49	111 5.7 52	94 1.6 49	92 1.3 24	113 17.8 48	107 6 53	112 15 52	114 1.64 11	109 -0.04 10	101 0.41 10
AB 250057 99165441	5	CIS 180003 AB 160006		93 64	118 60	97 53	95 40	89 37	101 41	126 56	106 44	120 16	95 0.99 73	94 0.12 52	105 7 40	118 13.2 60	97 -1.9 53	109 32 51	119 18.8 54	128 125 54	104 2.4 58	94 1.7 48	88 2.0 26	111 16.7 49	124 18 59	122 25 58	122 2.24 17	105 -0.19 16	112 0.79 15
AB 250058 99165458	1	CIS 180003 AB 160056		79 64	107 60	91 53	87 40	92 36	83 41	100 54	84 44	103 22	88 1.64 73	81 0.61 52	113 16 40	107 8.6 60	91 -3.7 53	94 -9 51	108 12.4 54	103 33 52	88 -5.8 55	96 0.7 48	91 1.4 25	109 14.9 49	98 1 56	105 9 55	101 0.65 23	110 0.00 21	98 0.30 21
AB 250062 99165482	15	CIS 180003 CIS 190179		87 61	117 58	96 46	80 32	92 30	90 36	114 48	94 38	112 14	88 1.61 72	93 0.17 47	120 23 32	117 12.9 58	96 -2.4 46	102 12 45	127 23.6 54	116 81 47	95 -2.4 50	92 3.3 43	94 0.9 18	115 18.6 46	105 5 50	112 16 50	116 1.77 15	100 -0.39 14	104 0.53 13
AB 250065 99550352	5	CIS 180003 AB 210131		96 61	113 58	93 46	95 35	91 34	98 38	108 51	99 41	108 14	92 1.25 72	102 -0.16 46	105 8 35	113 11.1 58	93 -3.1 46	102 13 46	110 13.8 54	106 43 50	99 -0.3 52	99 -1.6 47	88 2.0 21	113 17.6 44	111 9 53	112 15 52	112 1.51 14	102 -0.31 13	101 0.41 12
AB 250066 99550360	6	CIS 180003 AB 160158		92 63	112 59	93 51	77 36	99 34	89 39	112 54	93 42	111 14	89 1.59 73	102 -0.14 50	123 26 36	112 10.7 59	93 -3.1 51	96 -3 49	111 14.1 54	117 84 53	89 -4.9 56	99 -1.5 47	99 0.0 22	111 16.5 47	117 13 58	110 13 56	115 1.71 14	110 -0.01 13	109 0.68 13
AB 250067 99550378	1	CIS 180003 AB 160139		87 63	117 60	72 52	92 38	89 36	91 40	111 53	94 43	107 16	89 1.59 73	92 0.20 51	108 11 38	117 13.0 60	72 -10.1 52	86 -29 50	119 18.9 54	112 67 51	93 -3.0 54	84 9.3 48	95 0.7 24	108 14.5 48	103 3 55	106 9 54	106 1.04 17	100 -0.37 15	103 0.49 15
AB 250069 99550394	8	CIS 180003 AB 160044		83 63	112 60	74 52	87 42	101 36	92 41	106 54	94 44	103 15	86 1.85 73	91 0.25 51	113 16 42	112 10.7 60	74 -9.4 52	82 -37 51	113 15.1 55	103 31 52	88 -5.7 55	104 -5.6 48	98 0.2 24	107 14.1 48	102 3 56	107 10 55	106 0.98 16	106 -0.14 14	104 0.54 14

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

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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																											
AB 250080 99550436	3	AB 200123 AB 170010	80 60	126 69	107 49	66 34	101 31	97 40	126 50	102 42	129 14	80 2.44 72	94 0.15 44	134 38 34	126 16.7 69	107 1.3 49	112 39 51	123 21.2 50	126 117 48	127 13.1 52	93 2.9 38	107 -1.4 24	115 18.5 47	116 12 52	129 33 51	127 2.61 15	106 -0.16 13	124 1.21 13	
AB 250081 99550444	32	AB 200153 AB 160021	101 61	110 69	87 50	92 41	111 30	109 41	101 52	108 43	108 12	100 0.51 72	101 -0.10 46	108 10 41	110 10.1 69	87 -5.2 50	94 -8 53	116 17.4 50	104 38 50	83 -8.2 54	106 -7.0 37	112 -2.3 24	118 20.4 46	92 -3 55	106 9 54	112 1.45 12	114 0.13 11	105 0.56 11	
AB 250083 99550469	5	AB 220080 AB 230067	100 57	113 65	109 43	94 35	77 30	91 38	105 46	92 40	113 14	94 1.12 71	108 -0.38 40	106 8 35	113 11.2 65	109 2.2 43	116 49 48	104 10.2 44	104 37 45	122 10.9 48	87 7.5 38	76 4.1 21	112 16.8 42	114 11 49	116 19 48	114 1.64 14	107 -0.12 13	105 0.54 12	
AB 250085 99550485	1	AB 200153 AB 160026	107 61	114 68	86 50	103 41	102 32	115 41	99 53	113 43	104 22	97 0.78 72	114 -0.60 46	97 -1 41	114 11.7 68	86 -5.6 50	99 6 53	110 13.3 50	102 30 51	85 -7.3 55	95 1.2 38	107 -1.4 25	112 16.9 48	84 -8 56	101 5 55	104 0.87 23	106 -0.16 21	99 0.35 21	
AB 250086 99550493	4	AB 190123 AB 210090	108 59	99 68	86 45	93 37	83 32	78 40	95 48	79 42	97 12	94 1.11 72	132 -1.27 42	107 9 37	99 5.4 68	86 -5.5 45	85 -30 50	101 8.0 50	99 17 47	100 0.4 50	92 3.3 42	80 3.4 21	111 16.2 46	94 -2 51	90 -6 50	100 0.52 13	96 -0.52 12	92 0.10 12	
AB 250087 99550501	5	AB 190123 AB 190002	115 60	92 68	70 48	108 41	89 32	85 41	94 48	85 42	90 12	102 0.35 72	121 -0.86 45	92 -6 41	92 2.3 68	70 -10.7 48	69 -71 52	94 4.4 49	101 26 45	90 -4.8 49	93 2.4 41	88 1.9 23	111 16.4 46	90 -5 50	81 -15 49	92 -0.10 13	90 -0.74 12	89 0.00 12	
AB 250091 99550543	3	AB 190123 AB 180117	106 60	102 68	74 48	105 34	78 32	83 40	105 51	86 42	99 12	98 0.67 72	111 -0.48 45	95 -3 34	102 6.3 68	74 -9.4 48	79 -45 50	100 7.8 48	107 49 49	98 -0.5 53	96 0.5 41	72 4.9 23	112 17.2 46	92 -3 54	89 -8 53	98 0.41 13	97 -0.50 12	96 0.23 11	
AB 250092 99550550	3	AB 200123 AB 180068	89 60	131 69	94 49	81 38	75 32	91 41	117 48	96 42	123 17	83 2.17 72	104 -0.23 44	119 22 38	131 18.8 69	94 -3.0 49	110 34 52	129 24.7 49	118 87 46	122 10.9 50	63 25.1 38	91 1.5 25	114 18.5 46	108 7 51	122 25 49	119 2.03 18	109 -0.04 16	116 0.93 16	
AB 250098 99708018	2	AB 200123 EK 180059	79 58	122 68	106 45	70 31	91 24	88 37	111 48	91 39	119 17	78 2.63 72	95 0.09 41	130 33 31	122 15.1 68	106 1.2 45	111 36 48	117 17.6 46	111 62 46	121 10.4 50	95 1.5 29	90 1.5 20	114 18.3 43	111 9 51	121 24 50	111 1.40 18	124 0.49 16	106 0.58 16	
AB 250099 99708026	8	AB 200123 AB 220023	81 57	121 56	93 41	61 32	102 28	86 35	107 46	88 37	115 10	71 3.29 72	107 -0.34 38	139 43 32	121 14.5 56	93 -3.3 41	96 -1 43	118 18.1 48	110 60 45	108 3.9 49	98 -0.9 36	104 -0.9 20	115 18.9 40	100 2 49	111 14 48	113 1.54 11	113 0.10 10	109 0.68 9	
AB 250100 99708034	4	AB 220080 AB 230043	104 57	117 65	98 43	93 32	86 30	99 38	109 46	100 40	115 10	100 0.52 71	106 -0.30 40	107 10 32	117 12.8 65	98 -1.4 43	109 30 47	111 14.2 44	112 64 44	110 5.0 47	80 12.7 39	94 1.0 20	110 15.5 41	115 12 48	114 17 47	113 1.59 10	122 0.41 9	112 0.78 9	
AB 250101 99708042	2	AB 220080 AB 230051	113 57	112 65	104 42	98 32	87 28	102 37	109 46	104 39	114 9	104 0.14 70	114 -0.61 40	102 4 32	112 10.8 65	104 0.4 42	112 40 46	107 11.6 44	110 60 44	119 9.5 48	87 7.1 37	90 1.6 18	110 16.0 40	113 10 49	117 20 48	115 1.69 9	110 0.00 9	106 0.58 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																													
AB 250102	15		AB 200123	80	129	101	64	94	90	125	96	129	78	95	136	129	101	109	124	124	115	91	97	120	115	130	125	115	122
99708059			AB 130138	62	69	50	36	32	41	54	44	13	2.56	0.10	41	17.8	-0.5	30	21.7	111	7.4	4.1	0.4	21.9	11	34	2.52	0.16	1.14
														73	47	36	69	50	52	52	51	55	41	24	48	56	54	14	12
AB 250106	4		AB 200123	105	114	105	86	84	91	112	94	116	95	114	114	114	105	110	108	110	113	74	95	120	107	117	114	118	111
99708075			AB 200016	59	69	47	37	31	40	48	42	10	0.96	-0.58	17	11.7	0.8	34	12.2	57	6.7	16.9	0.8	21.6	7	20	1.61	0.29	0.76
														72	42	37	69	47	51	49	47	51	38	24	45	52	51	10	10
AB 250108	1		AB 200153	93	116	93	98	89	101	103	101	112	89	102	102	116	93	105	119	106	94	85	94	115	90	100	115	101	107
99708083			AB 200038	59	68	47	39	31	40	48	42	16	1.52	-0.16	4	12.6	-3.4	21	19.0	43	-2.7	8.8	0.8	18.9	-5	4	1.70	-0.33	0.63
														71	43	39	68	47	51	49	46	49	38	24	46	52	50	17	15
AB 250109	2		AB 200123	77	126	98	83	71	83	118	88	121	75	94	117	126	98	111	121	118	117	66	82	119	110	120	119	106	116
99708091			AB 170059	60	69	49	36	32	40	48	42	15	2.84	0.12	20	16.8	-1.5	37	20.3	87	8.7	22.9	3.0	21.5	8	23	2.04	-0.14	0.92
														72	45	36	69	49	51	51	47	51	39	25	47	52	50	16	14
AB 250111	9		AB 200123	92	113	106	94	89	97	104	98	110	85	106	106	113	106	113	104	104	116	89	91	116	110	119	110	109	110
99708109			AB 180026	60	69	49	40	32	41	50	43	17	1.95	-0.31	8	11.0	1.0	41	10.3	37	7.9	5.9	1.4	19.3	8	22	1.31	-0.04	0.73
														72	45	40	69	49	53	50	48	52	39	26	47	53	52	18	16
AB 250112	4		AB 190123	97	105	96	107	72	86	108	88	102	92	104	93	105	96	103	108	112	105	93	65	112	100	94	102	102	100
99708117			AB 180122	60	68	48	34	32	40	48	42	12	1.24	-0.24	-5	7.8	-2.2	16	12.7	67	2.6	2.4	6.1	17.3	2	-3	0.67	-0.31	0.37
														72	45	34	68	48	50	50	47	51	42	23	46	52	50	12	11
AB 250119	14		CIS 180003	107	119	82	92	103	111	117	113	117	105	104	108	119	82	96	116	118	102	107	100	111	109	117	120	112	105
99708158			AB 230086	60	68	46	33	32	39	48	41	12	0.07	-0.24	11	13.9	-6.7	-2	17.3	86	1.0	-7.6	-0.1	16.6	8	20	2.09	0.06	0.56
														72	45	33	68	46	49	53	47	50	46	17	44	51	50	12	11
AB 250121	13		AB 200153	88	118	89	93	109	113	109	113	114	88	96	107	118	89	101	120	112	88	105	110	118	106	113	117	114	109
99708174			AB 160102	61	68	50	39	31	41	50	43	12	1.67	0.05	9	13.4	-4.5	12	19.3	65	-5.6	-6.3	-1.9	20.9	6	16	1.85	0.15	0.69
														72	46	39	68	50	52	49	48	52	38	24	46	53	51	12	11
AB 250127	1		AB 200153	89	121	94	91	105	112	98	110	109	80	107	109	121	94	107	117	99	96	98	109	113	96	105	110	115	103
99708224			AB 180042	60	58	48	41	30	38	48	40	12	2.45	-0.36	12	14.4	-2.9	25	18.0	19	-1.6	-0.7	-1.8	17.7	-1	8	1.35	0.18	0.50
														72	45	41	58	48	49	48	46	50	38	23	44	51	49	12	11
AB 250128	10		AB 200123	101	122	98	85	101	109	116	111	123	85	120	115	122	98	109	113	115	118	103	100	120	114	125	122	119	115
99708232			AB 220057	58	68	45	33	28	38	50	40	10	1.93	-0.81	18	15.0	-1.4	32	15.7	78	8.8	-5.2	-0.1	21.7	11	28	2.22	0.32	0.90
														72	39	33	68	45	49	50	47	51	36	20	42	52	51	11	10
AB 250129	15		CIS 180003	114	110	90	81	110	103	111	105	113	109	109	119	110	90	93	108	112	100	110	107	115	105	113	116	117	105
99708240			AB 230123	60	68	46	34	32	40	48	42	12	-0.36	-0.42	22	9.8	-4.2	-11	12.7	68	0.5	-10.0	-1.4	18.8	5	16	1.79	0.24	0.56
														72	44	34	68	46	49	54	47	50	46	18	44	51	50	12	11
AB 250130	1		AB 200153	95	121	109	104	86	111	110	112	115	82	114	96	121	109	126	123	105	95	73	100	116	93	104	114	103	112
99708257			AB 210166	58	67	47	39	30	40	48	42	14	2.24	-0.60	-2	14.5	2.1	75	21.5	42	-2.3	18.0	-0.1	19.3	-2	7	1.61	-0.26	0.80
														71	42	39	67	47	51	48	47	51	37	23	45	51	50	15	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 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	
AB 250133 99708273	14	AB 190123 AB 190045	109 61	104 68	79 48	86 36	88 32	80 40	101 50	82 42	102 12	91 1.39 72	127 -1.07 46	114 16 36	104 7.2 68	79 -7.9 48	80 -42 51	105 10.8 52	105 39 48	102 1.2 52	93 3.0 43	88 2.0 20	109 15.4 47	94 -2 53	93 -3 52	103 0.76 13	105 -0.21 11	94 0.16 11	
AB 250134 99708281	2	AB 190123 AB 140006	107 62	116 68	89 50	105 36	101 30	118 40	111 52	118 42	111 12	89 1.54 72	124 -0.96 48	95 -3 36	116 12.4 68	89 -4.6 50	104 18 51	111 14.0 49	112 68 50	105 2.5 54	100 -2.9 39	102 -0.5 20	109 15.2 49	108 7 55	107 11 53	113 1.57 13	113 0.09 12	105 0.54 11	
AB 250135 99708299	1	AB 190123 AB 130158	97 62	101 68	92 51	99 37	90 28	89 40	89 54	87 43	94 17	85 1.96 73	115 -0.62 48	101 2 37	101 5.9 68	92 -3.7 51	93 -9 52	102 8.6 48	94 0 51	101 0.8 56	99 -1.7 37	86 2.4 19	108 14.7 49	95 -1 57	89 -7 55	96 0.20 18	99 -0.39 16	89 0.01 16	
AB 250136 99708307	6	CIS 180003 AB 210172	100 61	115 69	88 49	89 38	93 32	97 41	105 52	98 43	108 14	92 1.26 72	110 -0.44 47	111 14 38	115 12.0 69	88 -4.8 49	97 0 52	114 16.2 54	105 39 51	97 -1.3 53	98 -1.3 44	91 1.4 21	113 17.6 46	107 6 54	112 15 53	113 1.54 14	105 -0.19 13	99 0.36 12	
AB 250139 99812752	5	CIS 180003 AB 230080	92 60	126 68	96 46	77 34	94 33	100 40	120 50	104 42	124 12	84 1.99 72	107 -0.32 44	123 26 34	126 16.8 68	96 -2.2 46	108 27 49	126 22.8 54	122 102 49	107 3.5 51	102 -4.1 47	90 1.6 19	115 18.5 45	117 13 52	126 30 51	125 2.49 12	114 0.12 11	109 0.70 11	
AB 250142 99812778	3	AB 190123 AB 140046	95 62	114 69	89 51	93 39	89 34	95 42	104 52	96 44	110 14	85 1.96 73	111 -0.47 48	107 9 39	114 11.5 69	89 -4.6 51	98 3 53	116 17.3 50	109 53 51	101 0.6 55	80 12.3 43	98 0.1 24	111 16.2 49	101 2 56	101 5 54	113 1.57 14	119 0.32 13	110 0.71 12	
AB 250146 99812810	2	AB 180113 AB 180203	93 63	119 69	102 51	78 43	88 36	90 43	100 52	91 45	115 10	78 2.60 72	117 -0.71 51	122 26 43	119 13.8 69	102 -0.3 51	108 28 54	116 17.4 54	104 35 50	99 -0.1 54	82 11.1 47	96 0.5 26	113 17.4 48	106 6 54	111 15 53	114 1.65 11	118 0.28 10	105 0.55 9	
AB 250148 99812828	13	AB 190123 AB 180191	94 61	102 68	67 47	98 31	94 32	86 39	94 50	86 41	94 10	80 2.45 72	115 -0.65 46	102 4 31	102 6.4 68	67 -11.9 47	71 -67 49	100 7.9 50	97 12 48	83 -8.0 52	105 -6.0 42	88 1.9 21	110 15.6 47	85 -8 53	84 -12 52	94 0.08 10	105 -0.19 9	87 -0.07 9	
AB 250151 99812851	8	AB 200153 AB 180084	98 60	114 67	82 49	109 41	91 28	107 40	107 48	108 42	106 15	92 1.25 72	106 -0.29 45	91 -7 41	114 11.7 67	82 -6.7 49	98 3 52	119 19.1 48	108 50 46	85 -7.0 49	88 6.3 35	95 0.7 21	115 18.6 46	94 -2 50	100 3 49	109 1.26 16	101 -0.33 14	107 0.61 14	
AB 250153 99812877	14	AB 190123 AB 180149	114 61	110 68	80 48	87 31	99 32	97 39	108 50	99 41	110 10	98 0.69 72	129 -1.13 46	113 16 31	110 9.9 68	80 -7.6 48	86 -29 49	110 13.7 51	116 82 49	106 3.3 53	98 -1.2 43	100 -0.2 21	110 15.9 47	103 4 53	101 4 52	111 1.38 10	114 0.15 9	97 0.30 9	
AB 250154 99812885	8	AB 200123 AB 160014	114 61	86 69	98 51	114 37	77 32	80 41	87 50	79 43	91 17	113 -0.68 73	105 -0.28 46	86 -13 37	86 -0.5 69	98 -1.5 51	93 -10 52	80 -3.9 50	83 -40 48	99 -0.1 52	93 2.4 39	71 5.0 25	117 20.1 47	87 -6 53	97 1 52	89 -0.28 18	99 -0.40 16	97 0.29 16	
AB 250157 99812919	8	AB 190123 AB 220071	103 59	113 56	84 43	82 34	90 32	88 37	106 48	90 39	110 8	87 1.77 72	120 -0.82 43	118 21 34	113 11.3 56	84 -6.3 43	90 -17 44	114 15.9 50	112 66 46	105 2.5 49	91 4.2 42	92 1.2 21	113 17.8 43	99 1 50	101 4 49	111 1.37 9	111 0.01 8	97 0.29 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
AB 250162 99935835	14	AB 220080 AB 230040	105 58	105 65	105 44	102 36	71 30	85 38	93 46	85 40	102 8	99 0.64 71	109 -0.42 41	98 0 36	105 7.8 65	105 0.8 44	110 33 48	101 8.1 44	92 -6 44	113 6.3 48	72 18.5 39	79 3.6 22	112 17.0 42	97 0 48	99 2 47	100 0.57 8	115 0.15 7	98 0.30 7
AB 250169 99935892	4	AB 200153 CIS 150028	72 60	133 54	78 46	95 29	106 26	120 34	105 44	119 36	109 16	58 4.49 72	93 0.16 44	105 7 29	133 19.8 54	78 -8.3 46	103 15 43	130 25.5 44	107 48 42	88 -5.4 45	103 -4.6 32	107 -1.4 19	108 14.8 46	94 -2 46	103 7 45	109 1.26 16	106 -0.16 15	104 0.53 14
AB 260004 99935934	2	AB 180113 AB 200034	102 62	116 57	76 47	93 39	87 36	94 39	92 50	92 41	104 8	83 2.09 72	124 -0.98 48	107 9 39	116 12.2 57	76 -9.0 47	88 -24 48	109 13.3 52	94 0 49	90 -4.5 52	88 6.7 47	90 1.5 26	112 17.0 46	92 -3 52	100 3 51	103 0.74 9	114 0.15 8	100 0.37 8
AB 260005 99935942	1	AB 180113 AB 190165	101 62	120 57	70 49	71 42	106 36	95 40	110 50	97 42	114 12	85 1.89 72	120 -0.80 49	129 33 42	120 14.0 57	70 -10.8 49	80 -43 49	119 18.6 51	109 56 49	101 0.7 52	102 -4.1 46	107 -1.5 26	108 14.4 48	109 7 53	112 15 52	113 1.53 13	109 -0.04 12	111 0.76 12
AB 260008 99935967	1	AB 180113 AB 180065	107 63	111 58	94 52	94 44	106 37	110 41	96 50	108 43	109 6	88 1.62 72	125 -0.98 51	106 8 44	111 10.4 58	94 -3.0 52	101 10 51	106 11.5 52	98 14 49	100 0.4 53	108 -8.4 47	103 -0.7 27	112 16.8 47	104 4 53	109 13 52	108 1.15 7	121 0.39 6	99 0.35 6
AB 260011 6020002983	2	AB 190123 AB 120001	78 62	125 57	85 50	82 33	69 34	77 38	111 52	82 41	108 16	63 4.03 73	102 -0.14 49	118 21 33	125 16.3 57	85 -5.8 50	99 6 47	125 22.7 48	114 73 49	96 -1.5 54	68 21.7 44	78 3.7 24	107 14.2 48	99 1 55	97 1 53	104 0.87 16	107 -0.13 15	98 0.31 14
AB 260027 6020619448	2	AB 220080 AB 230133	100 56	120 51	97 37	101 31	77 28	100 33	109 44	102 35	114 9	88 1.69 70	115 -0.63 37	99 0 31	120 14.0 51	97 -1.9 37	113 41 40	113 15.1 43	112 65 43	118 9.0 47	76 15.3 37	84 2.7 19	107 13.7 38	109 8 47	110 14 46	113 1.54 9	106 -0.16 9	106 0.59 8
AB 260028 6020619455	1	CN 170014 AB 160117	88 64	117 59	107 54	95 46	93 32	104 41	105 54	105 44	110 18	79 2.46 73	106 -0.31 53	105 8 46	117 13.0 59	107 1.3 54	117 52 53	109 12.7 53	102 30 52	114 7.0 55	100 -2.6 42	89 1.8 22	102 10.9 50	107 6 55	112 15 54	110 1.32 19	87 -0.83 17	99 0.35 17
AB 260031 6020619471	2	CN 170014 AB 210165	104 64	103 59	103 51	120 42	79 37	101 41	93 52	99 43	96 20	95 1.03 73	112 -0.54 52	80 -19 42	103 6.8 59	103 0.0 51	114 43 51	97 6.2 54	89 -18 51	104 2.2 54	94 2.2 49	75 4.4 25	105 13.0 50	92 -3 54	96 0 53	98 0.34 21	83 -0.99 19	91 0.06 18
AB 260032 6020619489	2	CN 170014 AB 170158	113 65	90 60	101 54	111 40	80 38	86 41	86 54	84 44	90 23	104 0.11 73	115 -0.63 54	89 -10 40	90 1.5 60	101 -0.5 54	99 4 51	83 -2.5 55	82 -45 53	100 0.1 56	86 8.2 49	82 3.1 27	104 12.1 51	91 -4 56	100 3 55	97 0.27 24	85 -0.92 22	88 -0.02 21
AB 260033 6020619497	4	AB 220080 AB 230143	103 56	115 51	108 36	97 29	71 28	90 33	112 44	94 35	114 10	95 0.94 70	109 -0.42 37	103 5 29	115 11.9 51	108 1.8 36	118 53 39	113 15.1 43	114 74 42	108 4.0 46	70 20.4 37	80 3.4 19	109 15.1 37	110 8 47	115 18 45	113 1.53 10	102 -0.31 9	107 0.63 9
AB 260035 6020619513	26	CN 170014 AB 220044	118 62	97 58	96 50	109 40	74 36	86 40	75 52	82 42	85 19	108 -0.26 72	135 -1.37 50	91 -8 40	97 4.4 58	96 -2.3 50	98 3 49	84 -1.8 54	70 -90 51	98 -0.6 53	99 -1.8 48	64 6.4 23	101 10.2 48	89 -6 54	94 -3 53	89 -0.30 20	84 -0.95 18	80 -0.30 18

Breeding Values and Accuracies: Cows & Heifers

Value <80 Value >120

Breeding values with an accuracy < 5% are not printed

Animal			Selection Values									Birth		Wean				Growth		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
AB 260039 6020619547	5	AB 220080 AB 230167	116 56	109 52	97 38	105 32	74 29	93 34	101 46	94 36	106 10	102 0.30 70	121 -0.85 39	95 -4 32	109 9.2 52	97 -1.8 38	106 24 41	103 9.4 44	104 37 43	112 5.8 47	72 18.5 38	83 2.9 20	109 15.3 39	107 6 48	105 9 47	107 1.10 11	110 -0.03 10	103 0.47 10
AB 260041 6020619554	2	AB 210150 AB 220144	115 56	115 47	99 36	80 30	103 28	103 32	104 44	104 34	117 14	105 0.05 70	117 -0.70 39	120 23 30	115 11.9 47	99 -1.1 36	103 16 38	109 12.8 42	106 42 42	118 8.7 46	108 -8.6 36	99 0.1 20	115 18.9 37	108 7 47	115 18 46	114 1.62 15	117 0.25 14	100 0.38 13
AB 260042 6020619562	5	CIS 180003 AB 160006	90 64	120 60	97 53	95 40	89 37	103 41	126 56	108 44	120 16	91 1.32 73	95 0.12 52	105 7 40	120 14.0 60	97 -1.8 53	111 36 51	121 19.8 54	128 125 54	104 2.4 58	94 1.7 48	88 2.0 26	111 16.7 49	124 18 59	122 25 58	122 2.24 17	105 -0.19 16	112 0.79 15
AB 260043 6020619570	4	AB 210150 AB 130108	109 61	97 48	85 47	77 37	100 30	77 35	97 48	79 38	105 19	118 -1.23 72	90 0.28 46	123 26 37	97 4.2 48	85 -5.9 47	78 -47 44	98 6.2 41	100 20 45	106 3.1 50	105 -6.7 36	95 0.6 23	106 13.2 42	104 4 51	103 7 49	103 0.77 20	108 -0.08 18	95 0.21 18
AB 260045 6020619588	3	AB 220080 AB 230055	102 56	118 49	100 39	88 31	93 29	101 33	116 46	104 36	119 10	97 0.78 70	106 -0.32 39	112 15 31	118 13.2 49	100 -0.8 39	109 31 40	114 16.1 41	117 84 44	116 7.8 48	88 6.3 38	98 0.3 20	109 15.4 39	115 11 48	118 21 47	119 2.04 10	109 -0.04 9	113 0.83 9
AB 260048 6020619612	1	AB 210150 AB 170106	84 59	127 47	94 42	78 31	109 24	111 31	111 42	111 33	122 12	79 2.48 71	100 -0.09 43	122 25 31	127 17.1 47	94 -2.9 42	107 25 40	124 21.8 42	116 80 40	115 7.5 44	108 -8.7 31	107 -1.5 17	107 13.8 40	106 6 45	114 17 43	117 1.85 13	124 0.51 12	101 0.42 12
AB 260050 6020619638	2	AB 210150 AB 190030	102 58	121 47	94 40	76 30	93 28	95 32	111 46	98 35	123 14	88 1.65 71	118 -0.75 42	124 28 30	121 14.7 47	94 -2.8 40	102 14 39	116 17.2 42	116 82 43	119 9.2 48	83 10.1 36	102 -0.6 19	109 15.2 41	112 9 49	115 18 47	119 2.00 15	131 0.76 14	109 0.70 13
AB 260058 6020666910	27	AB 180113 AB 220193	104 61	116 56	101 45	63 34	111 36	96 38	114 50	100 40	127 8	86 1.82 72	124 -0.96 47	137 41 34	116 12.5 56	101 -0.6 45	100 9 45	117 17.4 52	121 97 48	109 4.5 52	108 -8.2 47	110 -2.0 24	118 20.6 44	120 15 52	127 30 51	127 2.68 8	120 0.35 8	111 0.77 7
AB 260061 6020752520	1	AB 210150 AB 160056	72 60	113 50	98 46	84 37	94 30	87 35	96 47	87 37	108 23	83 2.09 71	77 0.77 45	116 19 37	113 10.9 50	98 -1.6 46	102 13 44	112 14.9 43	103 32 45	102 1.3 50	98 -1.1 37	92 1.2 24	110 16.0 42	96 -1 51	104 8 49	101 0.58 24	120 0.34 22	98 0.30 22
AB 260067 6020752561	5	AB 220080 AB 230058	90 57	128 49	98 39	84 31	83 28	98 33	118 46	101 36	122 10	84 2.06 71	104 -0.23 40	116 19 31	128 17.5 49	98 -1.4 39	113 42 40	123 21.2 42	119 91 45	112 6.2 49	79 13.7 38	91 1.5 19	112 17.0 40	116 13 49	122 25 48	122 2.22 10	115 0.15 9	114 0.85 9
AB 260077 6020752637	2	AB 180113 AB 170112	91 61	126 57	86 47	76 39	111 36	109 39	113 52	111 42	121 12	80 2.45 70	111 -0.48 50	124 28 39	126 16.8 57	86 -5.5 47	99 4 48	124 22.1 52	117 83 51	89 -5.1 54	111 -10.5 46	108 -1.5 26	105 12.7 48	108 7 55	113 16 54	118 1.97 12	112 0.04 11	115 0.90 11
AB 260078 6020752645	1	AB 210150 AB 160070	97 58	112 49	90 46	86 40	94 30	92 36	102 48	93 38	109 17	93 1.21 69	103 -0.20 45	114 17 40	112 10.6 49	90 -4.3 46	95 -5 45	111 14.2 44	104 38 46	100 0.0 52	93 2.8 35	97 0.4 24	113 17.8 42	97 0 53	100 3 51	105 0.93 18	112 0.05 16	100 0.39 16

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	AB 240025	AB 240025	AB 200153	AB 190085	2.6	9451	11556	8443	9434	12228	12035		11549	12138	11612
					★★★★☆										
1	AB 200153	AB200153	AB 150150	AB 160021	13.2	8773	13487	8258	7946	11035	11649		11678	11855	12516
2	AB 230163	AB230163	CIS 190216	AB 180065	1.0	11161	11066	9150	9841	10834	11441		10966	11446	11710
3	AB 230188	AB230188	CIS 180003	AB 180088	5.4	8463	13869	8352	6342	11536	11243		14070	11948	13414
					★★★★										
1	AB 180113	AB180113	CIS 120005	AB 130138	2.3	9084	13490	8071	5657	11256	10160		11384	10365	13112
2	AB 220080	AB220080	CIS 120008	AB 160006	0.8	10874	12178	10458	10048	7440	10149		10975	10354	11914
3	AB 230056	AB230056	CIS 180003	AB 100026	2.5	8764	11467	10354	8938	10336	10442		12370	10948	12118
4	AB 230065	AB230065	CIS 180003	AB 100055	0.7	6867	13568	11355	6035	10932	10541		13570	11247	13612
5	AB 240026	AB 240026	AB 200153	CIS 190179	3.0	8751	12155	9442	8331	9925	10033		10944	10235	11314
6	AB 240053	AB240053	AB 180113	AB 190164	0.7	10662	11268	7650	7836	11534	10341		9368	10046	11010
7	AB 240067	AB240067	AB 180113	AB 170010	1.6	9363	13269	9352	6140	11438	10843		12470	11248	13512
8	AB 240143	AB240143	AB 200153	AB 130036	1.0	8560	12267	9751	8938	10026	10839		10970	10845	12020
9	CIS 190216	CIS190216	CIS 100022	CIS 100010	3.6	10678	11283	8264	8246	11446	10552		10966	10655	11419
					★★★★☆										
1	AB 210150	AB210150	1115578	AB 160106	1.4	8469	12664	9747	6737	10132	9640		11970	10046	13324
2	AB 220087	AB220087	AB 180113	EK 180059	1.3	9362	12667	9349	6238	10432	9641		11168	9846	12216
3	AB 220092	AB220092	CN 170014	AB 130138	4.6	10766	11570	9956	8344	9039	9445		10872	9650	11318
4	AB 230001	AB230001	AB 190123	AB 190152	2.8	9757	12266	9944	9236	7232	9139		12768	9745	12710
5	AB 230164	AB230164	AB 190123	AB 120042	1.6	11162	9867	8850	11135	9032	9740		9870	9646	10020
6	AB 240145	AB240145	AB 200123	AB 170077	2.6	8560	11769	10549	9134	8631	9540		10170	9546	10916
7	CIS 180003	CIS180003	CIS 100022	CIS 100010	3.6	9284	12493	8469	7348	9750	9357		12688	10063	12319
8	CN 170014	WOLF	VL 100001	IMO 120055	3.1	10788	10594	9978	10465	7857	9163		8190	8768	9132

Selection List on Cow Value

Bulls 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
						★★									
1	AB 190123	AB190123	CIS 120005	AB 140101	0.6	9578	11489	7959	9146	8743	8952		10582	9158	10615
2	AB 200123	AB200123	AB 170021	AB 180017	2.3	7474	12491	10659	6740	8636	8149		11880	8755	12617
3	AB 240015	AB240015	AB 200123	AB 120123	2.1	9262	12169	10652	7138	8632	8641		12167	9246	12410
4	AB 240055	AB240055	AB 180113	AB 170059	2.4	9563	11369	8952	8741	8338	8544		10668	8849	11114
5	AB 240095	AB240095	CIS 180003	AB 190137	4.8	9462	12269	8351	7339	8934	8642		12170	9248	12212
						★★☆									
1	AB 240066	AB240066	AB 210063	AB 220086	4.5	13256	8761	8242	10433	7328	7236		7668	6942	7914

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	
					★★★★★★										
1	AB 140006	AB140006	CIS 090027	AB 110159	1.1	104 77	112 71	105 80	127 55	116 40	145 50		105 64	141 53	106 19
					★★★★★★☆										
1	AB 220057	AB220057	AB 180113	AB 140006	8.0	96 68	121 70	93 65	107 52	117 42	134 48		109 58	132 50	115 12
2	AB 230041	AB230041	CN 170014	AB 140046	4.8	101 67	126 71	151 63	112 51	88 44	134 49		109 56	132 50	120 19
					★★★★★										
1	AB 110079	AB110079	AB 070057	AB 060166	0.0	115 82	82 73	116 80	132 50	121 47	129 52		107 60	127 54	102 15
2	AB 180088	AB180088	CIS 120010	AB 130166	4.5	86 76	132 75	85 76	66 69	132 52	123 57		131 61	127 58	121 20
3	AB 190022	AB190022	CIS 120008	AB 090237	0.4	105 76	116 75	120 77	84 70	118 50	122 57		102 54	120 56	111 12
4	AB 190077	AB190077	CIS 120010	AB 120113	7.0	111 76	95 74	47 73	124 69	127 50	123 56		90 61	118 57	86 24
5	AB 190085	AB190085	CIS 120010	AB 110079	1.0	101 70	96 70	87 63	108 50	133 45	125 49		114 58	125 51	108 19
6	AB 190124	AB190124	CIS 120005	AB 120011	0.8	96 72	120 73	112 71	92 54	108 46	120 51		98 59	117 53	113 18
7	AB 200031	AB200031	CIS 120010	AB 090237	2.1	97 74	105 73	77 72	66 66	150 48	125 54		119 54	126 54	113 20
8	AB 220007	AB220007	EK 190001	AB 190045	1.6	92 67	112 70	120 62	96 48	115 34	122 45		119 56	123 47	119 31
9	AB 230086	AB230086	CIS 190216	AB 100131	0.7	117 66	108 68	85 60	113 45	109 39	124 45		105 41	122 44	108 12
10	AB 240106	AB24106	AB 200153	AB 190124	3.3	90 58	142 68	93 47	77 36	110 29	126 39		119 50	127 41	131 12
					★★★★☆										
1	AB 130046	AB130046	AB 080031	AB 050031	1.1	120 80	88 72	74 79	122 53	112 44	111 51		90 62	108 53	83 20
2	AB 160006	AB160006	AB 120007	AB 130103	3.1	91 80	114 76	111 79	118 65	81 54	111 58		126 70	115 60	117 27
3	AB 160102	AB160102	CIS 090027	AB 070049	0.0	86 78	111 76	95 80	102 62	108 50	113 56		110 60	113 57	112 18
4	AB 170106	AB170106	CIS 120005	AB 070037	0.0	93 74	117 68	91 70	89 50	117 36	117 47		103 46	115 47	110 8
5	AB 170112	AB170112	GN 110457	AB 090218	3.5	85 73	115 68	91 62	96 51	109 44	112 48		114 62	113 51	112 20
6	AB 170137	AB170137	CIS 120010	AB 120157	2.1	107 76	85 73	94 71	96 45	139 49	112 51		97 68	109 54	94 26
7	AB 180065	AB180065	CIS 120008	AB 070204	0.0	117 76	86 72	106 75	133 67	100 47	114 54		78 57	108 55	
8	AB 180149	AB180149	CIS 120005	AB 090261	0.5	107 74	120 72	84 74	82 43	112 46	112 49		113 60	113 51	118 12
9	AB 190021	AB190021	CIS 120008	AB 100083	0.3	107 76	111 74	114 75	83 65	116 50	114 55		94 55	111 55	106 8

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
						★★★★☆									
10	AB 190168	AB190168	CIS 120005	AB 120157	0.7	93 74	117 74	118 73	79 60	121 48	118 54		109 56	118 54	115 21
11	AB 200095	AB200095	AB 170020	AB 180065	0.2	116 69	86 70	87 68	147 55	91 44	114 50		94 44	111 49	87 12
12	AB 220022	AB220022	AB 180113	AB 180056	1.3	107 64	113 68	109 58	80 47	113 43	110 46		94 48	108 46	110 6
13	AB 220144	AB220144	CN 170014	AB 190021	1.1	99 69	115 70	105 55	92 46	105 46	112 48		90 53	108 49	101 16
14	AB 220152	AB220152	CN 170014	AB 180088	3.5	106 69	125 70	91 55	85 47	109 46	118 48		107 54	117 49	107 19
15	AB 220172	AB220172	EK 190001	AB 170158	2.6	83 67	99 69	113 48	113 32	112 42	116 43		111 52	117 45	108 34
16	AB 220203	AB220203	AB 180113	AB 190022	2.5	96 68	124 69	103 53	73 45	118 46	115 47		105 50	114 48	118 8
17	AB 220206	AB220206	EK 190001	GN 100178	1.5	89 60	101 67	113 48	106 28	115 30	116 38		110 48	116 40	107 33
18	AB 230114	AB230114	CIS 190216	AB 170106	4.6	116 61	107 65	84 48	87 35	123 36	113 40		104 40	112 40	109 10
19	AB 230123	AB230123	CIS 190216	AB 190022	2.8	120 64	109 68	97 58	83 49	123 40	117 46		105 42	116 45	112 12
20	AB 230171	AB230171	CIS 190216	AB 190054	1.0	104 63	108 67	80 56	106 47	109 39	114 45		94 40	111 44	101 10
21	AB 240073	AB240073	CIS 180003	AB 140006	7.7	104 63	111 69	94 53	104 37	106 32	116 41		111 54	117 44	110 14
22	AB 240110	AB240110	AB 200153	AB 180084	7.7	92 60	120 67	82 49	105 41	91 28	110 40		111 48	111 42	111 15
23	AB 240128	AB240128	AB 180113	AB 180194	1.1	103 62	116 69	71 52	79 37	121 37	110 42		103 51	109 44	108 14
24	AB 240129	AB240129	AB 200153	CIS 160027	4.0	86 60	137 67	86 47	83 29	103 28	118 37		120 46	120 39	125 16
25	AB 240134	AB240134	CIS 180003	AB 190022	2.8	95 63	128 69	102 52	75 43	108 36	112 43		119 52	115 45	123 12
						★★★									
1	AB 110201	AB110201	KL 040026	99-0148SC	3.4	89 82	86 78	115 84	104 60	124 54	109 57		94 62	106 58	97 26
2	AB 120042	AB120042	SS 080071	AB 080287	1.5	123 78	76 70	99 79	137 53	94 48	103 52		81 66	98 55	84 38
3	AB 140046	AB140046	CIS 090027	AB 110063	4.5	90 78	124 77	97 81	93 63	92 50	107 56		107 66	107 58	118 22
4	AB 160021	AB160021	CIS 090027	SS 120082	0.0	91 79	103 77	95 80	99 68	113 48	108 57		94 68	106 59	101 18
5	AB 160117	AB160117	GN 110457	AB 040021	0.0	58 75	123 72	113 74	85 66	107 29	108 49		130 57	114 51	129 18
6	AB 170010	AB170010	GN 110457	AB 100104	1.8	86 76	112 74	111 76	77 55	116 50	105 53		120 59	109 54	116 22
7	AB 170051	AB170051	AB 120007	AB 100083	1.9	104 79	86 77	102 81	122 70	105 52	107 58		87 60	103 58	86 26
8	AB 170067	AB170067	AB 120007	AB 100131	1.4	118 78	73 76	86 79	155 63	81 50	100 56		75 66	95 58	73 26
9	AB 170077	AB170077	GN 110278	AB 120113	4.4	95 77	107 75	104 76	114 56	86 50	106 54		87 66	102 56	89 25
10	AB 170116	AB170116	AB 120007	AB 090126	1.3	100 75	104 74	123 76	116 53	84 50	107 53		103 66	106 56	102 28
11	AB 180026	AB180026	AB 120007	AB 100007	1.7	124 77	87 76	105 78	128 70	91 54	107 58		80 61	102 59	84 29

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	AB	180042	AB180042	CIS 120008	AB 050189	0.4	9677	10375	10577	10268	10050	10456		8154	9956	9316
13	AB	190003	AB190003	AB 150152	AB 160113	3.5	10372	9472	9474	11867	9349	10055		10252	10054	9317
14	AB	190164	AB190164	GN 110457	AB 130182	0.0	9771	9770	7469	10044	11939	10546		8856	10148	9118
15	AB	200002	AB200002	AB 150150	AB 110086	5.6	10070	12173	8570	7459	10744	10151		12054	10552	11516
16	AB	210091	AB210091	CN 170014	AB 160102	3.5	9169	10770	10156	10745	9943	10847		9154	10548	9618
17	AB	210131	AB210131	CN 170014	AB 160113	3.8	10169	10170	10361	11652	8546	10149		8952	9850	9318
18	AB	210165	AB210165	AB 100028	AB 110079	0.5	9274	9370	10565	13552	8148	10250		10654	10351	10024
19	AB	210166	AB210166	AB 100028	AB 130143	25.1	10572	10971	13571	12961	6549	10953		10256	10854	10325
20	AB	210172	AB210172	CN 170014	AB 160021	3.5	10569	11072	9367	10357	8940	10249		8656	9950	9418
21	AB	220108	AB220108	CIS 130010	CIS 160014	4.0	9962	10662	8045	10426	10634	10837		10740	10838	10216
22	AB	220115	AB220115	VL 170070	AB 120011	1.9	11262	11468	9953	10240	9135	10942		10252	10944	11034
23	AB	220129	AB220129	AB 180030	AB 200037	15.9	9065	10365	8445	7832	12942	10342		12146	10743	11014
24	AB	220183	AB220183	AB 180113	AB 180042	1.6	10568	10469	9553	8845	10846	10047		8650	9648	10010
25	AB	230033	AB230033	CIS 180003	CIS 210018	14.4	11263	10966	8455	9040	11337	10943		10948	11044	10615
26	AB	230043	AB230043	CIS 180003	AB 090266	3.9	9766	12269	9161	8240	9741	10145		11452	10446	11514
27	AB	230051	AB230051	CIS 180003	SS 120009	0.5	11066	10769	10560	9741	9936	10644		10854	10746	10712
28	AB	230055	AB230055	CIS 180003	AB 170010	2.1	8866	12159	9751	7536	11140	10541		12352	10943	12014
29	AB	230080	AB230080	AB 180113	AB 180022	1.5	9265	12569	11059	8247	9143	10347		11350	10548	12414
30	AB	230083	AB230083	CIS 180003	AB 160014	2.1	10766	10870	8554	10839	8642	10045		10354	10047	10218
31	AB	230099	AB230099	AB 190123	CIS 150028	2.7	8464	11267	7447	10229	9836	10140		9844	10041	9716
32	AB	230117	AB230117	CIS 190216	AB 160103	7.3	10964	10467	7558	7843	12640	10344		10246	10344	10414
33	AB	230125	AB230125	CIS 190216	AB 130046	3.2	11865	9664	7751	9935	11332	10440		10445	10441	10314
34	AB	230131	AB230131	CIS 190216	AB 160021	7.3	9462	10968	8952	9241	11140	10644		10048	10545	10514
35	AB	240001	AB240001	AB 200047	AB 210121	1.9	9356	10266	11843	10035	10328	10638		11544	10839	11017
36	AB	240074	AB240074	CIS 190216	AB 200002	5.1	9960	12267	8248	7438	11132	10440		12042	10840	12012
37	AB	240082	AB240082	CIS 180003	AB 190021	1.4	9963	12169	9952	7641	10736	10643		11252	10845	11710
38	AB	240096	AB240096	AB 200153	AB 130138	13.5	9562	12669	8950	7338	10632	10441		11952	10843	12412
39	AB	240118	AB240118	AB 200123	AB 190168	9.0	7959	13269	11148	6936	10430	10640		11949	10942	12614
40	AB	240126	AB240126	AB 200123	AB 180088	4.6	7960	14469	9149	5740	10932	10941		13850	11643	13714
41	AB	240131	AB240131	AB 200153	AB 170051	2.3	10061	10369	9350	10342	10732	10842		9850	10644	10316

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
						★★★★									
42	AB 240136	AB240136	AB 180113	AB 160117	0.7	78 63	135 68	96 52	68 44	110 32	109 42		126 50	113 44	135 10
43	CIS 160027	CIS160027	CIS 110001	CIS 080001	15.8	107 75	109 69	91 73	97 35	96 43	102 46		110 47	104 46	110 28
44	CIS 190111	CIS190111	CIS 100022	CIS 100018	0.6	126 74	101 71	76 66	115 52	87 39	101 48		103 47	102 48	104 18
						★★★★☆									
1	AB 130138	AB130138	CIS 090027	AB 110080	1.6	85 81	127 77	98 80	63 59	101 54	95 57		128 70	101 60	128 19
2	AB 130158	AB130158	CIS 080025	AB 020166	0.0	106 78	92 72	101 81	105 57	93 34	91 49		78 69	87 53	88 30
3	AB 160014	AB160014	AB 120007	AB 130110	2.8	130 78	80 76	88 81	148 62	69 54	95 57		73 61	90 58	73 30
4	AB 160026	AB160026	SS 080071	AB 050031	0.3	129 79	65 77	98 80	140 69	94 52	97 58		63 71	89 61	65 42
5	AB 160031	AB160031	SS 080071	AB 090012	2.8	99 79	84 76	74 80	119 70	101 52	93 58		69 66	86 60	81 40
6	AB 160040	AB160040	SS 080071	AB 100055	2.6	82 79	101 74	93 77	90 57	109 50	94 54		90 61	92 55	97 39
7	AB 160176	AB160176	GN 110278	AB 100032	4.2	114 78	98 75	102 79	108 61	83 50	93 55		97 60	93 56	90 28
8	AB 170066	AB170066	AB 120007	AB 070078	2.4	87 77	88 77	111 79	132 56	81 53	97 55		91 54	95 55	86 30
9	AB 180084	AB180084	AB 100028	AB 150057	0.9	109 76	95 71	83 78	138 69	72 44	98 54		100 52	98 54	89 25
10	AB 200016	AB200016	CIS 120008	AB 130120	0.5	125 72	101 73	106 71	109 63	82 50	99 54		98 56	98 54	101 10
11	AB 200061	AB200061	AB 170021	AB 170059	2.4	104 73	110 72	93 65	95 54	82 48	90 51		110 52	93 51	107 14
12	AB 210070	AB210070	CN 170014	AB 170010	2.2	106 71	107 71	121 61	90 48	82 46	90 49		101 58	91 51	104 19
13	AB 210092	AB210092	CN 170014	AB 170097	1.6	124 71	109 71	80 61	125 52	59 44	94 49		102 57	95 51	99 19
14	AB 220025	AB220025	AB 180113	AB 120081	1.9	114 68	97 68	97 60	106 46	91 44	96 47		103 49	96 47	109 10
15	AB 220040	AB220040	AB 180113	AB 180022	1.5	102 67	127 69	104 59	67 47	94 46	97 48		117 50	101 48	128 14
16	AB 220107	AB220107	CIS 170007	CIS 180015	0.9	101 60	105 59	106 39	103 23	89 32	99 35		107 38	100 36	109 14
17	AB 220113	AB220113	AB 180113	AB 170078	1.1	107 66	108 68	79 52	71 44	117 42	95 45		99 52	95 46	108 12
18	AB 220128	AB220128	CN 170014	AB 190003	2.9	116 66	102 69	95 54	111 47	83 43	99 47		92 52	97 48	92 18
19	AB 220159	AB220159	AB 180113	AB 170051	1.9	108 66	100 69	93 54	95 45	105 44	99 46		92 52	97 47	100 14
20	AB 220193	AB220193	AB 180113	AB 120065	1.9	101 69	103 67	122 55	70 36	109 44	92 44		116 54	96 46	122 10
21	AB 230022	AB230022	CN 170014	AB 100111	1.5	103 67	116 67	116 57	90 40	84 34	98 42		107 52	99 44	112 18
22	AB 230054	AB230054	CIS 180003	AB 180191	5.1	88 65	112 59	68 50	87 31	103 38	94 39		108 52	96 42	106 12
23	AB 230058	AB230058	CIS 180003	AB 130138	7.8	78 67	131 60	92 53	68 39	91 41	91 42		127 56	97 45	126 14
24	AB 230068	AB230068	CIS 180003	AB 180149	6.4	101 65	112 69	72 58	87 40	95 40	92 44		107 53	94 46	108 12

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
						★★★★									
25	AB 230089	AB230089	CIS 180003	AB 190003	2.9	103 62	100 69	90 51	100 42	93 41	92 44		109 51	95 45	102 12
26	AB 230090	AB230090	CIS 180003	AB 200061	5.7	100 64	117 68	87 48	83 36	91 41	92 43		120 51	97 45	117 12
27	AB 230093	AB230093	AB 200047	AB 210009	5.2	101 58	101 67	101 46	88 38	103 38	93 42		105 46	95 43	100 14
28	AB 230096	AB230096	CIS 180003	AB 180084	4.2	96 63	99 69	86 53	111 42	84 33	90 42		105 51	92 44	98 16
29	AB 230116	AB230116	CIS 190216	AB 190045	5.6	113 64	105 67	81 49	84 37	100 40	91 43		100 44	91 43	103 14
30	AB 230133	AB230133	AB 190123	AB 200170	3.0	94 62	117 66	90 45	103 37	80 38	98 42		109 50	100 44	108 12
31	AB 230149	AB230149	AB 190123	AB 170009	2.1	90 64	109 69	97 49	104 36	80 40	92 43		110 52	95 45	104 16
32	AB 230161	AB230161	CIS 180003	CIS 190111	17.2	110 65	112 69	79 49	94 36	90 38	96 43		114 50	99 44	113 13
33	AB 230167	AB230167	AB 190123	AB 180026	2.2	112 65	103 69	91 50	110 42	74 42	90 45		92 50	89 46	93 16
34	AB 230179	AB230179	AB 190123	AB 120065	1.5	94 65	106 67	121 51	83 31	98 38	94 41		118 53	98 43	116 10
35	AB 240004	AB240004	CIS 180003	AB 180219	1.6	108 62	102 69	73 50	92 35	106 36	95 42		100 51	96 44	95 16
36	AB 240021	AB240021	AB 200123	SS 120020	0.7	87 59	112 67	104 49	87 26	92 24	93 36		95 48	92 38	106 12
37	AB 240023	AB240023	AB 200047	AB 210081	9.2	80 56	114 66	105 43	95 32	84 29	92 37		110 46	95 39	106 12
38	AB 240060	AB240060	AB 200123	AB 180051	5.0	81 59	121 68	92 47	76 34	100 30	95 39		126 50	101 41	124 14
39	AB 240065	AB240065	AB 210042	AB 220040	7.9	115 56	118 65	85 41	75 32	93 30	92 37		121 44	97 38	125 10
40	AB 240070	AB240070	AB 200153	AB 160008	1.7	97 61	108 69	99 50	98 39	86 32	93 41		109 51	96 43	112 16
41	AB 240071	AB240071	CIS 120008	AB 200095	13.6	121 62	92 69	96 53	125 46	79 38	97 45		86 51	94 46	92 6
42	AB 240076	AB240076	AB 200123	AB 180149	8.0	94 60	119 68	96 48	77 29	99 29	97 38		111 50	99 40	118 10
43	AB 240080	AB240080	AB 200123	AB 170066	8.8	82 60	109 69	107 50	97 35	84 32	90 40		108 48	93 42	110 17
44	AB 240084	AB240084	AB 200123	AB 210009	5.3	87 58	123 69	100 47	63 39	108 30	97 40		112 48	99 42	119 14
45	AB 240086	AB240086	AB 180113	AB 200016	5.5	113 62	117 68	92 51	80 43	97 38	99 44		109 50	101 45	119 8
46	AB 240088	AB240088	AB 180113	AB 200056	2.0	103 62	116 68	86 50	82 42	94 37	94 43		97 50	94 44	112 12
47	AB 240103	AB240103	AB 190123	AB 160014	1.9	108 62	106 69	81 51	113 39	78 34	95 42		98 50	94 44	99 16
48	AB 240141	AB240141	AB 210042	AB 210166	4.4	98 57	99 65	108 46	114 37	76 30	91 39		104 46	92 40	102 14
49	AB 240146	AB240146	CIS 180003	AB 170009	1.9	80 63	118 70	99 52	91 36	84 36	92 42		126 54	98 44	120 17
						★★★									
1	AB 100091	AB100091	AB 070069	AB 080018	7.1	91 82	101 75	92 83	106 60	79 54	84 57		117 70	89 60	107 34
2	AB 120123	AB120123	CIS 080026	AB 070140	0.0	107 81	99 77	113 84	91 64	87 53	85 58		104 50	87 56	102 10

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
						★★★									
3	AB 130104	AB130104	CIS 080009	CIS 080031	26.1	100 80	92 72	61 82	105 59	92 51	81 55		79 53	78 55	71 32
4	AB 130146	AB130146	AB 100028	AB 020017	0.3	103 81	94 71	125 81	98 64	85 52	85 56		128 64	93 58	121 24
5	AB 150121	AB150121	CIS 090027	AB 100159	4.3	64 78	114 76	47 81	80 58	103 50	81 55		103 64	83 57	90 20
6	AB 160044	AB160044	CIS 090027	SS 120038	1.2	87 78	92 75	64 79	101 69	104 52	85 57		86 62	83 58	82 23
7	AB 160070	AB160070	AB 100028	AB 100083	2.2	112 79	90 75	83 79	105 71	88 50	83 57		85 68	81 59	85 24
8	AB 160139	AB160139	GN 110457	CIS 080012	4.4	87 77	108 75	60 78	110 58	80 50	87 54		96 60	87 55	91 25
9	AB 160158	AB160158	AB 130121	AB 130035	3.9	97 76	98 73	102 75	81 52	100 46	83 51		97 66	84 54	99 19
10	AB 170158	AB170158	AB 130034	AB 090225	1.3	90 76	81 73	104 74	118 47	82 49	80 51		91 60	80 53	88 32
11	AB 180022	AB180022	AB 120007	SS 120026	0.0	87 73	111 71	136 74	102 59	58 50	82 53		108 52	85 53	113 25
12	AB 180068	AB180068	AB 100028	AB 150034	2.0	113 75	106 75	87 77	114 64	66 52	88 56		94 54	88 56	94 30
13	AB 180122	AB180122	AB 150023	AB 160066	3.0	92 72	98 73	115 75	125 51	58 48	84 51		104 54	86 52	95 18
14	AB 180191	AB180191	CIS 120005	AB 090009	0.5	104 75	93 72	50 71	100 40	102 46	85 48		91 59	84 50	89 11
15	AB 190002	AB190002	AB 150152	AB 160176	5.7	125 72	78 73	63 74	126 67	91 46	88 54		84 48	86 53	73 20
16	AB 190030	AB190030	CIS 120005	AB 090051	0.7	98 74	111 70	93 64	85 47	85 45	84 49		104 58	86 51	112 16
17	AB 190165	AB190165	GN 110457	AB 100039	1.6	109 72	100 70	59 67	86 57	100 46	83 51		106 56	86 52	96 22
18	AB 200034	AB200034	CIS 120008	AB 160139	0.9	113 71	91 71	70 63	130 53	63 46	80 50		71 55	76 51	78 12
19	AB 200038	AB200038	AB 100028	AB 050189	0.2	93 73	92 73	107 73	124 62	67 50	82 54		82 54	80 54	90 28
20	AB 200056	AB200056	CIS 120008	AB 140025	0.7	105 71	88 72	94 70	115 61	76 48	80 53		73 54	76 53	85 20
21	AB 210096	AB210096	GN 180815	GN 100151	5.0	111 68	83 66	76 66	111 59	97 43	85 49		74 28	81 45	73 20
22	AB 210128	AB210128	VL 170070	AB 160040	1.8	87 66	98 69	86 59	104 47	93 44	89 47		86 56	87 49	91 36
23	AB 210156	AB210156	GN 180815	RO 070065	0.7	109 65	81 64	79 61	107 39	103 38	87 43		73 20	82 38	76 12
24	AB 220023	AB220023	AB 180113	AB 180007	0.8	105 66	106 67	77 57	55 49	118 42	82 46		97 49	83 47	104 10
25	AB 220031	AB220031	AB 180113	AB 160044	7.8	97 69	109 71	59 65	72 54	106 46	81 50		91 52	81 50	98 13
26	AB 220044	AB220044	CN 170014	SS 120038	1.0	124 69	92 69	93 62	114 46	70 42	83 47		70 52	78 48	78 22
27	AB 220071	AB220071	AB 180113	AB 120123	3.2	105 69	115 70	89 61	74 50	94 46	88 49		106 49	90 49	115 8
28	AB 220121	AB220121	AB 180030	AB 200061	4.0	114 63	102 65	80 46	88 37	95 40	87 42		117 46	92 43	111 12
29	AB 220153	AB220153	EK 190001	AB 110149	2.2	70 65	112 68	103 49	95 31	78 39	83 42		111 56	87 45	108 32
30	AB 230067	AB230067	CN 170014	AB 180017	3.4	93 67	105 71	114 62	90 50	79 43	82 48		97 56	83 50	103 23
31	AB 230087	AB230087	CIS 190216	AB 130080	1.8	87 65	115 65	99 49	93 37	79 42	89 43		108 44	91 43	106 16
32	AB 230122	AB230122	CIS 180003	AB 190065	5.7	101 65	111 68	75 50	73 42	101 41	85 44		110 52	89 46	108 12

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
						★★										
33	AB	230140	AB230140	CIS 180003	AB 190035	4.9	8464	11667	8849	7139	10341	8943		11052	9245	11114
34	AB	230143	AB230143	AB 200047	AB 210070	3.3	9561	11165	11242	9431	6838	8140		11546	8641	11012
35	AB	240002	AB240002	AB 200047	AB 210084	2.8	10356	10465	9742	10233	7928	8837		10246	9039	9714
36	AB	240013	AB240013	CIS 180003	AB 160056	0.9	7764	10569	9353	8940	9236	8243		9654	8345	10022
37	AB	240018	AB240018	AB 200047	AB 210141	2.1	9656	8566	10642	11032	8929	8437		9646	8539	9119
38	AB	240034	AB240034	AB 200123	SS 120029	0.0	9459	10567	10150	8220	9320	8433		9647	8436	1058
39	AB	240052	AB240052	CIS 180003	AB 150077	2.7	9363	11570	9453	9140	7936	8743		11954	9245	11516
40	AB	240078	AB240078	CIS 180003	AB 160160	1.6	7863	11370	8353	8540	9336	8643		10654	8945	10822
41	AB	240093	AB240093	AB 200123	AB 190002	2.7	9659	10069	8748	9839	8830	8440		9746	8541	9613
42	AB	240109	AB240109	AB 200123	AB 210096	2.1	9557	9667	9345	9336	9128	8038		9042	8039	9414
43	AB	240111	AB240111	CIS 180003	AB 180122	3.2	8462	11069	10251	10136	7735	8842		11452	9244	10714
44	CIS	190179	CIS190179	CIS 100022	S 100101	0.6	8670	10868	10762	8642	8735	8444		10242	8644	10121
45	EK	180059	DAISY	1115578	EK 160010	1.7	9271	11368	10665	7746	9632	8944		10053	9046	10829
						★★☆										
1	AB	130141	AB130141	AB 100028	AB 050170	0.2	9281	8772	8782	11069	7750	7256		10366	7558	9227
2	AB	150077	AB150077	AB 120007	AB 120123	1.2	11677	9177	10679	11863	6052	7757		10162	7958	9626
3	AB	160008	AB160008	AB 120007	AB 130146	1.4	10078	8877	11781	11663	6254	7357		10364	7658	10128
4	AB	160056	AB160056	SS 080071	AB 100061	2.6	7379	8976	9979	10064	8652	7257		7463	6958	8339
5	AB	160160	AB160160	SS 080071	AB 100108	0.9	7977	8776	8480	10463	8851	7356		7763	7057	8340
6	AB	180040	AB180040	CIS 120005	AB 100061	0.6	10375	10373	7474	7761	9048	7254		10164	7556	10312
7	AB	180203	AB180203	CIS 120008	AB 130035	0.5	9375	10674	12072	9462	6546	7653		9160	7654	10416
8	AB	190045	AB190045	CIS 120005	AB 140021	0.9	10775	10774	7974	7955	9046	7952		10059	8153	10119
9	AB	190137	AB190137	CIS 120005	AB 140050	0.2	10273	10374	8674	8160	8146	7053		9660	7254	9914
10	AB	210090	AB210090	CN 170014	AB 170042	1.3	11368	9371	9366	9657	7845	7350		8452	7250	8720
11	AB	230040	AB230040	CIS 120008	AB 120123	0.7	11068	10671	9964	9454	6944	7849		9052	7850	995
12	AB	230085	AB230085	CIS 180003	AB 120161	3.8	10667	10169	8154	9138	7840	7444		10352	7746	10410
13	AB	240007	AB240007	AB 200123	AB 130141	1.6	8162	9668	10051	9640	8131	7341		10052	7643	9716
14	AB	240062	AB240062	AB 200123	AB 200038	1.6	8459	10469	10848	9737	7631	7940		9848	8142	10616

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	
									★★★						
15	AB 240152	AB240152	AB 200123	AB 130104	2.7	9262	10558	8351	8636	8931	7938		9948	8140	9918
									★						
1	AB 130080	AB130080	AB 100028	AB 110004	4.0	8879	11371	11373	10258	4552	6854		10960	7455	10126
2	AB 130108	AB130108	CIS 080025	AB 070140	0.0	10681	8272	7782	8764	9850	6755		7664	6557	7830
3	AB 150195	AB150195	AB 120007	AB 130006	1.9	11378	8276	8477	13061	4952	6356		7967	6258	7828
4	AB 160001	AB160001	SS 080071	AB 011261	1.9	11077	6772	7179	13256	6848	6253		6664	5955	6842
5	AB 170059	AB170059	AB 100028	AB 120021	1.1	9677	9174	9676	11860	5552	6755		9156	6855	8824
6	AB 180017	AB180017	AB 120007	AB 090048	1.7	7277	10477	12878	8555	6850	6754		11166	7256	11432
7	AB 180117	AB180117	AB 150023	AB 160012	15.7	11272	7072	7473	13049	7047	6650		9162	6852	7719
8	AB 180152	AB180152	GN 110457	SS 120004	3.1	6371	10168	7960	9246	8344	6747		9954	7048	9223
9	AB 230066	AB230066	CIS 180003	AB 120001	3.0	8267	12469	7360	6742	6842	6246		11754	7048	11316
									★						
1	AB 120001	AB120001	AB 070069	AB 070071	14.6	7079	12071	8980	7448	5352	5352		11664	6154	10926

Selection List on Cow Value

Bull calves younger than 2 years

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										
						★★★★★																		
1	AB 250104	AB250104	AB 200153	AB 190022	2.1	103	60	130	68	98	49	78	42	115	30	122	41		114	48	122	42	124	10
2	AB 250144	AB250144	AB 200153	AB 220007	3.1	90	57	134	67	98	43	81	34	113	24	124	37		127	48	127	39	131	18
							★★★★☆																	
1	AB 250060	AB250060	CIS 180003	AB 190085	1.6	89	61	115	58	86	47	91	35	115	34	112	38		120	52	115	41	116	14
2	AB 250116	AB250116	AB 200153	AB 170051	2.3	92	61	125	69	89	50	93	42	108	32	119	42		112	50	119	44	117	16
3	AB 250160	AB250160	AB 200153	AB 180194	2.3	96	59	107	68	74	48	96	33	120	30	112	39		97	48	110	41	97	14
4	AB 260057	AB260057	AB 210150	AB 220152	4.3	90	56	131	47	94	36	76	30	105	28	111	32		113	44	112	34	120	15
5	AB 260072	AB260072	CN 170014	AB 110079	2.3	122	66	93	60	108	56	118	42	100	37	112	42		94	54	109	44	97	18
							★★★★																	
1	AB 250006	AB250006	AB 180113	AB 100026	1.7	93	65	117	58	102	54	81	41	110	38	108	41		106	52	108	43	116	16
2	AB 250033	AB250033	AB 220080	AB 220108	2.2	97	56	119	50	93	37	102	28	90	27	108	32		112	65	109	39	111	10
3	AB 250042	AB250042	AB 190123	AB 120011	1.8	85	62	119	58	98	50	97	36	86	34	100	39		102	52	100	42	107	18
4	AB 250046	AB250046	AB 190123	AB 220107	3.5	97	57	116	53	91	36	97	26	88	27	100	32		117	66	103	39	119	10
5	AB 250050	AB250050	AB 210150	CIS 190111	3.4	108	58	115	48	85	41	91	32	94	25	100	32		110	65	102	39	119	15
6	AB 250055	AB250055	AB 210150	AB 210070	2.8	92	57	127	48	107	39	79	31	92	28	102	32		124	66	107	39	130	16
7	AB 250068	AB250068	CIS 180003	AB 170112	2.6	88	62	118	58	88	46	84	36	103	33	102	38		116	70	105	44	113	14
8	AB 250078	AB250078	AB 220080	AB 230033	3.6	115	56	119	65	91	41	92	32	94	28	107	37		114	44	109	38	117	10
9	AB 250094	AB250094	AB 190123	CIS 160027	3.0	100	61	126	67	82	48	87	29	92	31	103	38		118	47	106	40	118	16
10	AB 250120	AB250120	AB 220080	AB 230041	4.0	93	57	144	65	110	43	70	35	84	30	106	38		142	46	114	40	145	12
11	AB 250150	AB250150	AB 200153	AB 170116	2.2	94	60	109	68	105	49	104	35	97	31	107	40		102	52	107	42	105	16
12	AB 250167	AB250167	AB 200153	AB 170067	1.5	101	61	97	68	86	50	127	39	95	30	109	40		89	52	106	42	92	16
13	AB 260007	AB260007	CIS 180003	AB 230083	26.9	93	60	120	58	85	44	91	31	92	33	100	37		115	51	103	40	113	14
14	AB 260009	AB260009	AB 190123	AB 190168	13.8	94	61	116	58	98	47	85	38	104	32	104	38		107	50	105	40	110	12
15	AB 260020	AB260020	AB 230065	AB 230179	2.3	76	55	125	48	117	38	72	23	104	26	103	30		127	44	108	33	126	8
16	AB 260021	AB260021	AB 220080	AB 230125	3.1	113	56	109	50	91	39	99	30	94	26	103	32		106	44	103	34	111	10
17	AB 260022	AB260022	AB 230065	AB 230161	18.0	86	55	124	48	96	37	77	26	100	25	101	30		124	43	105	33	125	10
18	AB 260046	AB260046	AB 220080	AB 230054	3.3	93	56	120	49	87	38	93	29	89	28	100	32		109	46	101	35	113	8
19	AB 260047	AB260047	CN 170014	AB 190077	2.1	123	64	97	60	70	54	114	47	102	38	108	43		85	54	103	45	89	20

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	
									★★★★						
20	AB 260052	AB260052	AB 180113	AB 220129	3.9	99 60	116 56	82 42	67 33	122 35	103 37		117 48	106 39	121 10
21	AB 260053	AB260053	AB 210150	AB 130046	2.3	96 60	113 48	86 46	94 33	106 28	108 34		105 46	108 36	108 16
22	AB 260065	AB260065	AB 210150	AB 220183	2.9	88 56	122 47	96 35	78 29	104 28	103 32		103 43	103 34	117 13
23	AB 260066	AB260066	AB 210150	AB 220203	3.4	91 56	126 47	99 35	70 29	109 28	107 32		112 43	108 34	126 12
										★★★★☆					
1	AB 250022	AB250022	AB 220080	AB 220117	3.2	114 58	108 52	100 41	105 33	77 30	95 35		100 68	95 42	104 14
2	AB 250059	AB250059	AB 190123	AB 210092	3.2	103 60	115 57	80 43	108 35	73 31	94 37		104 50	95 40	102 12
3	AB 250079	AB250079	AB 220080	AB 230022	1.8	107 57	117 51	110 41	95 31	79 26	99 33		108 46	100 36	115 12
4	AB 250084	AB250084	AB 200123	AB 200002	3.6	91 58	119 68	95 46	71 36	96 29	90 39		118 48	95 41	120 12
5	AB 250089	AB250089	AB 190123	AB 190021	2.0	105 61	107 68	98 49	88 40	101 33	98 41		98 50	98 43	104 8
6	AB 250115	AB250115	AB 200123	AB 190164	1.1	85 59	106 68	92 46	86 30	102 26	91 37		99 48	91 39	104 12
7	AB 250126	AB250126	AB 190123	AB 110201	2.7	99 63	102 69	95 52	93 38	106 35	99 42		105 51	100 44	107 15
8	AB 250132	AB250132	CIS 180003	AB 230117	17.1	106 60	104 68	80 46	82 32	111 32	95 39		105 50	96 41	105 12
9	AB 250143	AB250143	AB 200153	AB 210096	2.3	97 57	102 67	81 45	99 38	103 28	98 39		89 42	95 40	93 12
10	AB 250149	AB250149	AB 180113	AB 130144	0.0	105 62	98 66	94 52	82 29	112 28	93 38		94 50	92 40	103 6
11	AB 250164	AB250164	AB 200123	AB 200095	2.0	95 58	94 68	100 46	112 34	88 28	92 38		98 46	92 40	98 10
12	AB 250166	AB250166	AB 200123	AB 170066	8.8	71 60	110 69	111 50	98 35	84 32	90 40		106 48	92 42	108 17
13	AB 260001	AB260001	CIS 180003	AB 230099	3.6	83 60	121 57	79 42	88 28	97 30	99 35		112 49	102 38	110 12
14	AB 260003	AB260003	AB 190123	AB 170077	4.0	93 62	112 58	92 48	102 36	87 34	99 38		96 52	97 41	98 14
15	AB 260013	AB260013	AB 230065	AB 230149	2.5	83 54	118 48	104 37	82 25	95 26	95 30		122 44	100 33	120 10
16	AB 260014	AB260014	AB 220080	AB 230090	3.4	102 55	120 51	96 38	92 30	83 29	98 33		114 46	101 36	118 9
17	AB 260015	AB260015	AB 230065	AB 230087	8.6	73 55	127 47	106 37	77 25	94 26	97 30		122 41	102 32	121 10
18	AB 260016	AB260016	AB 220080	AB 230140	3.6	94 55	120 51	96 38	86 31	89 29	96 33		110 46	98 36	115 10
19	AB 260018	AB260018	AB 230065	AB 230116	8.9	96 54	115 48	96 37	72 26	104 25	94 30		118 41	98 32	120 10
20	AB 260037	AB260037	CN 170014	AB 160040	2.0	113 65	97 60	95 55	97 43	94 38	91 42		85 54	89 44	94 25
21	AB 260051	AB260051	AB 180113	AB 220109	3.3	91 59	124 54	90 41	76 32	96 32	96 36		108 44	98 38	116 10
22	AB 260056	AB260056	AB 210150	CIS 190111	3.4	112 58	111 48	85 41	91 32	94 25	97 32		111 42	100 34	119 15
23	AB 260059	AB260059	AB 210150	AB 120123	14.1	96 54	115 50	104 48	79 37	94 31	92 35		111 44	95 37	118 13
24	AB 260060	AB260060	AB 210150	AB 120123	14.1	96 54	115 50	104 48	79 37	94 31	92 35		111 44	95 37	118 13

Selection List on Cow Value

Bull calves younger than 2 years

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	AB 260068	AB260068	AB 210150	AB 210092	2.5	118 57	112 48	87 39	96 32	80 28	93 33		111 45	95 35	116 15
26	AB 260071	AB260071	CN 170014	AB 220025	2.9	121 62	98 58	98 49	105 40	85 36	93 40		92 51	92 42	100 16
27	AB 260073	AB260073	AB 210150	AB 210070	2.8	97 57	118 48	108 39	79 31	92 28	94 32		110 46	97 35	118 16
28	AB 260075	AB260075	AB 210150	AB 200061	4.4	87 57	125 48	95 40	81 34	92 29	98 33		114 44	101 35	120 14
							★★★								
1	AB 250026	AB250026	AB 220030	AB 220159	2.1	112 56	96 49	93 39	99 33	91 29	89 33		98 44	90 35	102 12
2	AB 250034	AB250034	CIS 180003	AB 100091	5.2	93 64	109 60	88 54	89 39	88 37	86 41		104 70	88 47	112 20
3	AB 250037	AB250037	CIS 180003	AB 130141	0.6	94 64	103 59	86 54	91 42	87 36	81 41		120 70	87 47	105 16
4	AB 250044	AB250044	AB 190123	AB 220153	1.9	80 57	110 56	93 38	93 28	82 29	83 34		98 68	84 41	101 18
5	AB 250088	AB250088	AB 200123	AB 190137	7.0	87 59	122 69	94 48	69 36	84 29	80 39		113 50	84 41	119 11
6	AB 250097	AB250097	AB 200123	AB 160176	4.0	97 60	111 69	104 50	88 37	84 31	87 40		109 50	90 42	108 16
7	AB 250123	AB250123	AB 200123	AB 190003	2.9	91 59	106 68	101 48	93 39	89 30	89 40		109 48	92 42	108 12
8	AB 250124	AB250124	AB 190123	AB 160160	2.3	74 62	108 69	82 50	95 39	88 34	84 42		95 52	84 44	98 22
9	AB 250140	AB250140	AB 190123	AB 200056	2.6	98 60	95 68	89 47	106 38	81 33	81 41		85 48	79 42	91 12
10	AB 250152	AB250152	AB 200123	AB 220040	10.9	100 58	121 57	105 42	67 31	90 29	87 35		117 48	92 38	127 12
11	AB 260002	AB260002	CIS 180003	AB 230122	28.7	98 60	117 57	79 43	73 32	99 32	89 36		118 51	94 39	116 12
12	AB 260026	AB260026	AB 230065	AB 230085	14.3	84 56	118 48	97 39	76 26	94 26	89 31		119 44	94 34	120 8
13	AB 260030	AB260030	CN 170014	AB 180040	2.4	111 64	105 60	87 54	91 45	84 38	84 42		91 56	83 45	97 17
14	AB 260036	AB260036	CN 170014	AB 180152	1.8	78 63	111 58	90 49	98 40	80 36	86 40		90 53	85 43	92 20
15	AB 260054	AB260054	AB 210150	AB 130141	1.1	82 61	113 48	92 47	89 39	89 30	89 35		111 48	92 38	113 18
16	AB 260064	AB260064	AB 210150	AB 150195	1.7	95 60	109 50	90 45	98 36	74 30	82 35		99 48	83 38	106 18
17	AB 260070	AB260070	CN 170014	AB 130080	1.9	104 65	112 59	106 54	103 44	60 39	83 42		95 54	84 44	96 20
18	AB 260074	AB260074	AB 210150	AB 130146	1.1	105 60	104 48	109 47	82 37	93 30	87 35		124 48	93 38	127 17
							★★★								
1	AB 250038	AB250038	CIS 180003	AB 130108	0.7	100 64	101 59	81 54	80 40	98 36	79 41		98 70	81 47	101 18
2	AB 250039	AB250039	CIS 180003	AB 150195	1.2	108 63	96 60	84 52	101 40	71 36	72 41		104 70	76 47	94 17
3	AB 250082	AB250082	AB 200123	AB 150077	8.4	107 60	100 69	105 50	94 37	73 32	75 41		107 50	79 43	109 16
4	AB 250090	AB250090	AB 200123	AB 160008	7.7	87 61	110 69	110 51	88 38	74 32	79 41		116 52	84 43	118 16

Selection List on Cow Value

Bull calves younger than 2 years

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
5 AB 250095 AB250095			AB 200123	AB 180017	26.6	70 60	117 69	117 50	73 34	77 31	74 40		118 52	81 42	124 18



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														
									★★★★					
1	AB 250169	AB250169	AB 200153	CIS 150028	3.8	72 60	133 54	78 46	95 29	106 26	120 34	105 44	119 36	109 16
									★★★★☆					
1	AB 250085	AB250085	AB 200153	AB 160026	1.3	107 61	114 68	86 50	103 41	102 32	115 41	99 53	113 43	104 22
2	AB 250119	AB250119	CIS 180003	AB 230086	13.8	107 60	119 68	82 46	92 33	103 32	111 39	117 48	113 41	117 12
3	AB 250121	AB250121	AB 200153	AB 160102	12.9	88 61	118 68	89 50	93 39	109 31	113 41	109 50	113 43	114 12
4	AB 250127	AB250127	AB 200153	AB 180042	0.5	89 60	121 58	94 48	91 41	105 30	112 38	98 48	110 40	109 12
5	AB 250130	AB250130	AB 200153	AB 210166	1.4	95 58	121 67	109 47	104 39	86 30	111 40	110 48	112 42	115 14
6	AB 250134	AB250134	AB 190123	AB 140006	2.2	107 62	116 68	89 50	105 36	101 30	118 40	111 52	118 42	111 12
7	AB 260008	AB260008	AB 180113	AB 180065	1.3	107 63	111 58	94 52	94 44	106 37	110 41	96 50	108 43	109 6
8	AB 260048	AB260048	AB 210150	AB 170106	1.3	84 59	127 47	94 42	78 31	109 24	111 31	111 42	111 33	122 12
									★★★★					
1	AB 250013	AB250013	AB 190123	AB 210050	3.6	95 58	109 56	89 43	107 35	96 32	106 37	97 48	104 39	97 13
2	AB 250030	AB250030	CIS 180003	AB 130046	3.2	108 64	104 59	79 53	97 36	104 34	101 39	108 54	102 42	103 14
3	AB 250032	AB250032	AB 220030	AB 220203	1.7	97 57	115 49	99 39	88 33	98 30	101 34	104 44	101 36	111 12
4	AB 250036	AB250036	AB 190123	AB 170106	12.7	89 61	120 56	85 46	90 34	102 28	106 36	104 46	106 38	108 8
5	AB 250041	AB250041	CIS 180003	AB 210124	4.8	96 61	120 58	78 46	84 35	102 32	101 38	106 50	102 40	110 12
6	AB 250043	AB250043	AB 190123	AB 210091	2.3	86 59	117 56	91 41	99 32	93 30	103 35	98 49	102 38	101 12
7	AB 250045	AB250045	CIS 180003	AB 170137	1.6	100 63	103 59	89 50	85 33	118 35	103 39	111 56	104 42	109 16
8	AB 250057	AB250057	CIS 180003	AB 160006	5.4	93 64	118 60	97 53	95 40	89 37	101 41	126 56	106 44	120 16
9	AB 250081	AB250081	AB 200153	AB 160021	31.6	101 61	110 69	87 50	92 41	111 30	109 41	101 52	108 43	108 12
10	AB 250101	AB250101	AB 220080	AB 230051	2.2	113 57	112 65	104 42	98 32	87 28	102 37	109 46	104 39	114 9
11	AB 250108	AB250108	AB 200153	AB 200038	1.2	93 59	116 68	93 47	98 39	89 31	101 40	103 48	101 42	112 16
12	AB 250128	AB250128	AB 200123	AB 220057	10.0	101 58	122 68	98 45	85 33	101 28	109 38	116 50	111 40	123 10
13	AB 250129	AB250129	CIS 180003	AB 230123	14.9	114 60	110 68	90 46	81 34	110 32	103 40	111 48	105 42	113 12
14	AB 250139	AB250139	CIS 180003	AB 230080	4.7	92 60	126 68	96 46	77 34	94 33	100 40	120 50	104 42	124 12
15	AB 250151	AB250151	AB 200153	AB 180084	7.7	98 60	114 67	82 49	109 41	91 28	107 40	107 48	108 42	106 15
16	AB 260027	AB260027	AB 220080	AB 230133	2.2	100 56	120 51	97 37	101 31	77 28	100 33	109 44	102 35	114 9
17	AB 260028	AB260028	CN 170014	AB 160117	1.3	88 64	117 59	107 54	95 46	93 32	104 41	105 54	105 44	110 18

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
						★★★★									
18	AB 260031	AB260031	CN 170014	AB 210165	1.9	104 64	103 59	103 51	120 42	79 37	101 41		93 52	99 43	96 20
19	AB 260041	AB260041	AB 210150	AB 220144	2.2	115 56	115 47	99 36	80 30	103 28	103 32		104 44	104 34	117 14
20	AB 260042	AB260042	CIS 180003	AB 160006	5.4	90 64	120 60	97 53	95 40	89 37	103 41		126 56	108 44	120 16
21	AB 260045	AB260045	AB 220080	AB 230055	3.0	102 56	118 49	100 39	88 31	93 29	101 33		116 46	104 36	119 10
22	AB 260077	AB260077	AB 180113	AB 170112	1.9	91 61	126 57	86 47	76 39	111 36	109 39		113 52	111 42	121 12
						★★★★☆									
1	AB 250023	AB250023	AB 220080	AB 220183	9.2	114 58	108 52	99 39	94 33	91 30	97 34		98 45	97 36	110 8
2	AB 250028	AB250028	AB 220030	AB 220129	1.9	100 56	100 47	88 36	91 29	105 28	93 32		112 42	96 34	107 12
3	AB 250029	AB250029	AB 190123	AB 160113	2.6	92 61	103 57	89 48	110 39	84 33	93 38		99 49	93 40	97 12
4	AB 250031	AB250031	CIS 180003	AB 090266	3.9	99 63	110 58	97 54	86 31	93 36	92 38		109 52	94 41	110 14
5	AB 250035	AB250035	CIS 180003	AB 160070	0.7	97 64	110 60	84 53	89 43	92 35	90 41		105 56	92 44	104 16
6	AB 250047	AB250047	AB 210150	AB 200061	4.4	91 58	123 48	95 40	81 34	92 29	96 33		114 44	100 35	120 14
7	AB 250049	AB250049	AB 210150	AB 130146	1.1	91 60	114 48	111 47	82 37	93 30	93 35		124 48	99 38	127 17
8	AB 250062	AB250062	CIS 180003	CIS 190179	14.5	87 61	117 58	96 46	80 32	92 30	90 36		114 48	94 38	112 14
9	AB 250065	AB250065	CIS 180003	AB 210131	4.9	96 61	113 58	93 46	95 35	91 34	98 38		108 51	99 41	108 14
10	AB 250067	AB250067	CIS 180003	AB 160139	1.3	87 63	117 60	72 52	92 38	89 36	91 40		111 53	94 43	107 16
11	AB 250069	AB250069	CIS 180003	AB 160044	7.7	83 63	112 60	74 52	87 42	101 36	92 41		106 54	94 44	103 15
12	AB 250080	AB250080	AB 200123	AB 170010	2.7	80 60	126 69	107 49	66 34	101 31	97 40		126 50	102 42	129 14
13	AB 250083	AB250083	AB 220080	AB 230067	5.4	100 57	113 65	109 43	94 35	77 30	91 38		105 46	92 40	113 14
14	AB 250092	AB250092	AB 200123	AB 180068	3.0	89 60	131 69	94 49	81 38	75 32	91 41		117 48	96 42	123 17
15	AB 250100	AB250100	AB 220080	AB 230043	3.6	104 57	117 65	98 43	93 32	86 30	99 38		109 46	100 40	115 10
16	AB 250102	AB250102	AB 200123	AB 130138	15.2	80 62	129 69	101 50	64 36	94 32	90 41		125 54	96 44	129 13
17	AB 250106	AB250106	AB 200123	AB 200016	3.6	105 59	114 69	105 47	86 37	84 31	91 40		112 48	94 42	116 10
18	AB 250111	AB250111	AB 200123	AB 180026	9.3	92 60	113 69	106 49	94 40	89 32	97 41		104 50	98 43	110 17
19	AB 250136	AB250136	CIS 180003	AB 210172	6.2	100 61	115 69	88 49	89 38	93 32	97 41		105 52	98 43	108 14
20	AB 250142	AB250142	AB 190123	AB 140046	3.3	95 62	114 69	89 51	93 39	89 34	95 42		104 52	96 44	110 14
21	AB 250146	AB250146	AB 180113	AB 180203	2.2	93 63	119 69	102 51	78 43	88 36	90 43		100 52	91 45	115 10
22	AB 250153	AB250153	AB 190123	AB 180149	13.5	114 61	110 68	80 48	87 31	99 32	97 39		108 50	99 41	110 10
23	AB 260004	AB260004	AB 180113	AB 200034	1.9	102 62	116 57	76 47	93 39	87 36	94 39		92 50	92 41	104 8

Selection List on Cow Value

Heifers younger than 2 years

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
						★★★★									
24	AB 260005	AB260005	AB 180113	AB 190165	1.4	101 62	120 57	70 49	71 42	106 36	95 40		110 50	97 42	114 12
25	AB 260033	AB260033	AB 220080	AB 230143	4.2	103 56	115 51	108 36	97 29	71 28	90 33		112 44	94 35	114 10
26	AB 260039	AB260039	AB 220080	AB 230167	5.4	116 56	109 52	97 38	105 32	74 29	93 34		101 46	94 36	106 10
27	AB 260050	AB260050	AB 210150	AB 190030	2.3	102 58	121 47	94 40	76 30	93 28	95 32		111 46	98 35	123 14
28	AB 260058	AB260058	AB 180113	AB 220193	26.5	104 61	116 56	101 45	63 34	111 36	96 38		114 50	100 40	127 8
29	AB 260067	AB260067	AB 220080	AB 230058	4.5	90 57	128 49	98 39	84 31	83 28	98 33		118 46	101 36	122 10
30	AB 260078	AB260078	AB 210150	AB 160070	1.3	97 58	112 49	90 46	86 40	94 30	92 36		102 48	93 38	109 17
						★★★									
1	AB 250027	AB250027	AB 220030	AB 220128	16.2	124 56	94 49	93 39	107 33	80 29	88 33		98 44	88 35	98 14
2	AB 250040	AB250040	CIS 180003	AB 190030	5.9	117 62	110 58	87 47	79 34	91 34	87 38		115 52	91 41	118 12
3	AB 250048	AB250048	CIS 180003	SS 120029	0.0	101 62	102 56	91 52	87 24	98 26	87 34		100 50	88 37	103 10
4	AB 250051	AB250051	AB 220030	AB 220121	3.7	116 55	97 48	86 37	96 30	86 28	83 32		111 42	86 34	107 12
5	AB 250056	AB250056	CIS 180003	AB 120123	3.8	102 64	109 60	98 54	82 41	92 36	88 41		115 50	92 43	113 10
6	AB 250058	AB250058	CIS 180003	AB 160056	0.9	79 64	107 60	91 53	87 40	92 36	83 41		100 54	84 44	103 22
7	AB 250066	AB250066	CIS 180003	AB 160158	5.6	92 63	112 59	93 51	77 36	99 34	89 39		112 54	93 42	111 14
8	AB 250087	AB250087	AB 190123	AB 190002	4.8	115 60	92 68	70 48	108 41	89 32	85 41		94 48	85 42	90 12
9	AB 250091	AB250091	AB 190123	AB 180117	2.9	106 60	102 68	74 48	105 34	78 32	83 40		105 51	86 42	99 12
10	AB 250098	AB250098	AB 200123	EK 180059	1.7	79 58	122 68	106 45	70 31	91 24	88 37		111 48	91 39	119 17
11	AB 250099	AB250099	AB 200123	AB 220023	8.0	81 57	121 56	93 41	61 32	102 28	86 35		107 46	88 37	115 10
12	AB 250109	AB250109	AB 200123	AB 170059	2.4	77 60	126 69	98 49	83 36	71 32	83 40		118 48	88 42	121 15
13	AB 250112	AB250112	AB 190123	AB 180122	4.1	97 60	105 68	96 48	107 34	72 32	86 40		108 48	88 42	102 12
14	AB 250133	AB250133	AB 190123	AB 190045	14.0	109 61	104 68	79 48	86 36	88 32	80 40		101 50	82 42	102 12
15	AB 250135	AB250135	AB 190123	AB 130158	1.0	97 62	101 68	92 51	99 37	90 28	89 40		89 54	87 43	94 17
16	AB 250148	AB250148	AB 190123	AB 180191	13.2	94 61	102 68	67 47	98 31	94 32	86 39		94 50	86 41	94 10
17	AB 250154	AB250154	AB 200123	AB 160014	8.4	114 61	86 69	98 51	114 37	77 32	80 41		87 50	79 43	91 17
18	AB 250157	AB250157	AB 190123	AB 220071	8.1	103 59	113 56	84 43	82 34	90 32	88 37		106 48	90 39	110 8
19	AB 250162	AB250162	AB 220080	AB 230040	14.3	105 58	105 65	105 44	102 36	71 30	85 38		93 46	85 40	102 8
20	AB 260032	AB260032	CN 170014	AB 170158	2.5	113 65	90 60	101 54	111 40	80 38	86 41		86 54	84 44	90 23
21	AB 260035	AB260035	CN 170014	AB 220044	26.2	118 62	97 58	96 50	109 40	74 36	86 40		75 52	82 42	85 19

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	
					★★										
22	AB 260061	AB260061	AB 210150	AB 160056	1.5	7260	11350	9846	8437	9430	8735	9647	8737	10823	
						★★☆									
1	AB 250086	AB250086	AB 190123	AB 210090	3.7	10859	9968	8645	9337	8332	7840	9548	7942	9712	
2	AB 260011	AB260011	AB 190123	AB 120001	2.4	7862	12557	8550	8233	6934	7738	11152	8241	10816	
3	AB 260043	AB260043	AB 210150	AB 130108	4.4	10961	9748	8547	7737	10030	7735	9748	7938	10519	

